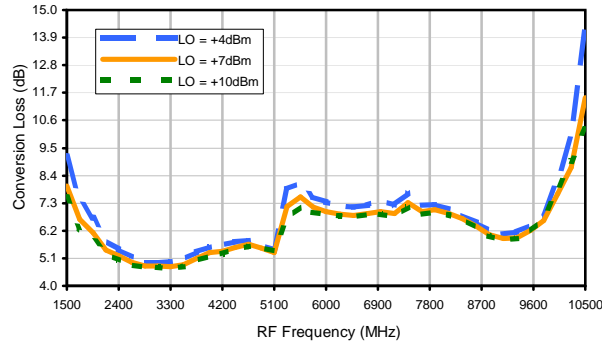
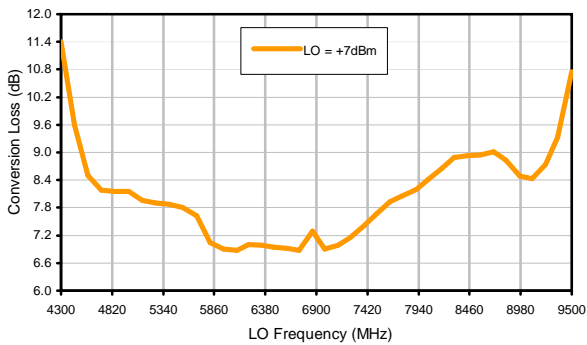


Typical Performance Curves

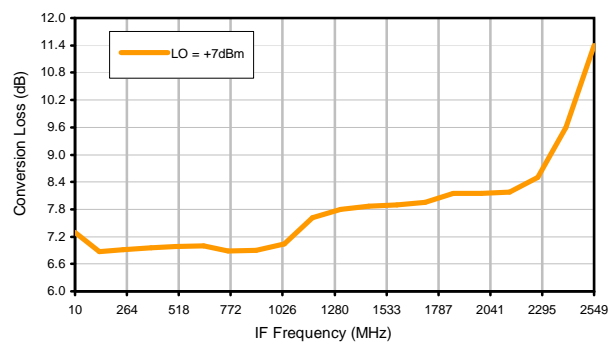
Conversion Loss @ IF=30MHz



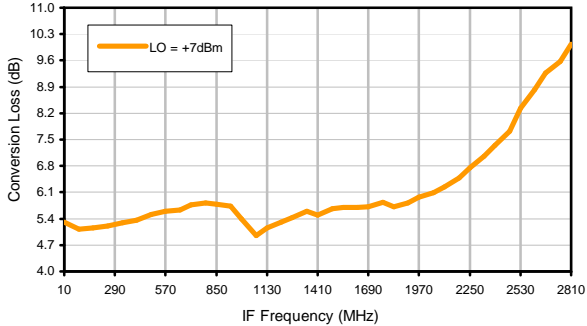
Conversion Loss vs. LO @ RF=6850MHz



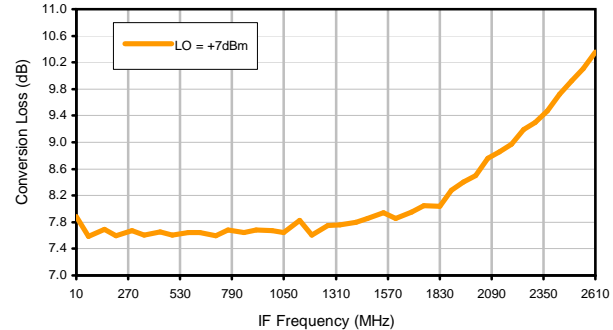
Conversion Loss vs. IF @ RF=6850MHz



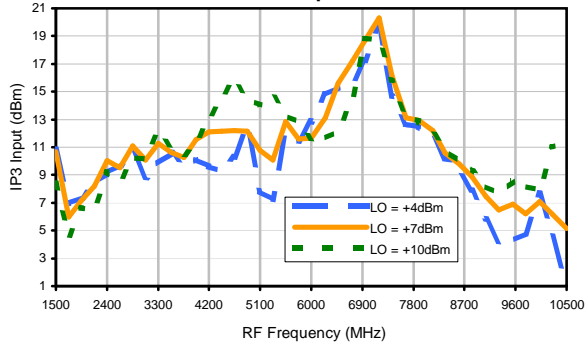
Conversion Loss vs. IF @ RF=3690MHz



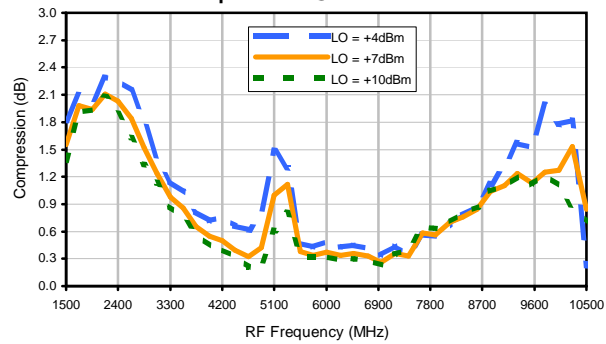
Conversion Loss vs. IF @ RF=10010.09MHz



IP3 Input

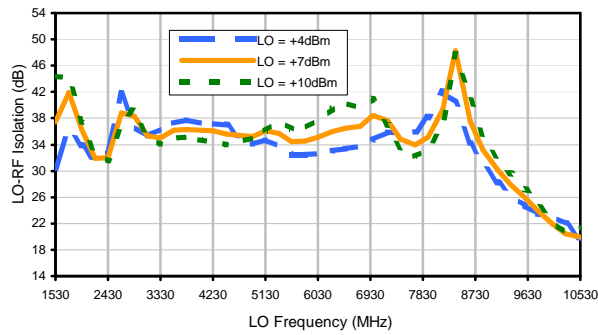


Compression @ RF IN=+1dBm

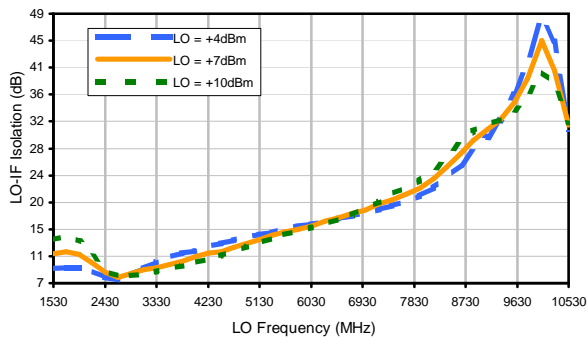


Typical Performance Curves

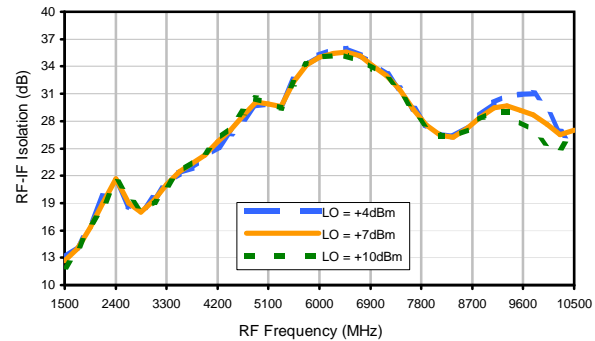
LO-RF Isolation



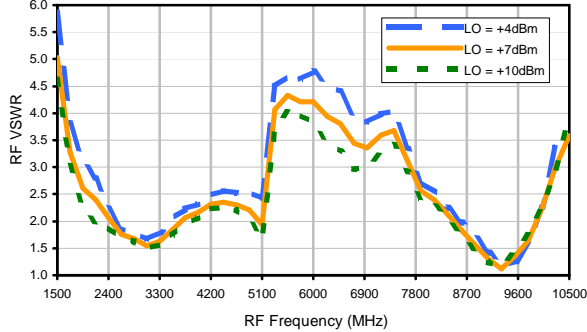
LO-IF Isolation



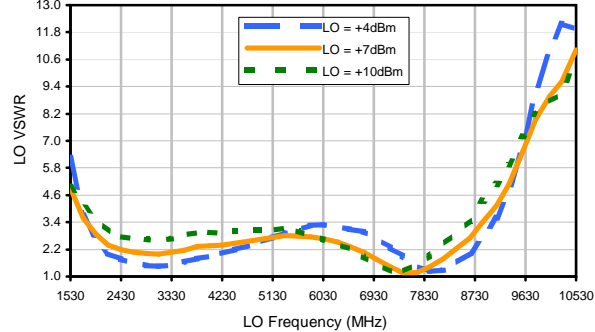
RF-IF Isolation



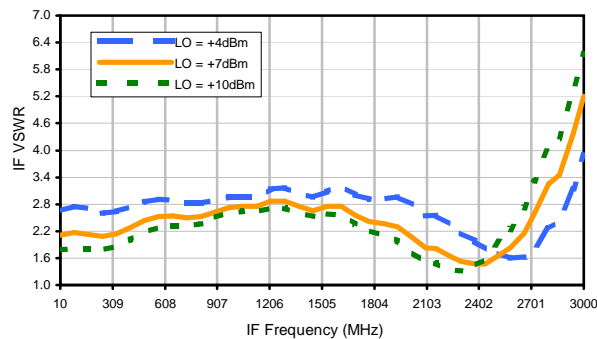
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+10	37	15	---	---	---	---	---	---	---
1	-	28	+0	44	35	53	---	---	---	---	---	---
2	86	>69	62	56	63	>69	66	---	---	---	---	---
3	>90	>69	>69	>69	65	>69	>69	>69	---	---	---	---
4	---	---	>69	>69	>69	>69	>69	>69	>69	---	---	---
5	---	---	---	>69	>69	>69	>69	>69	>69	>69	---	---
6	---	---	---	---	>69	>69	>69	>69	>69	>69	>69	---
7	---	---	---	---	---	>69	>69	>69	>69	>69	>69	>69
8	---	---	---	---	---	---	>69	>69	>69	>69	>69	>69
9	---	---	---	---	---	---	---	>69	>69	>69	>69	>69
10	---	---	---	---	---	---	---	---	>69	>69	>69	>69
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 6850 MHz; -14.00 dBm.
 LO IN: 6880 MHz; +7.00 dBm
 IF OUT: 30 MHz; -20.97 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+0	46	26	---	---	---	---	---	---	---
1	-	27	+0	44	35	55	---	---	---	---	---	---
2	66	66	52	45	55	73	57	---	---	---	---	---
3	>90	71	64	70	45	70	72	78	---	---	---	---
4	---	---	>79	>79	>79	>79	>79	>79	>79	---	---	---
5	---	---	---	>79	>79	>79	72	>79	>79	>79	---	---
6	---	---	---	---	>79	>79	>79	>79	>79	>79	>79	---
7	---	---	---	---	---	>79	>79	>79	>79	>79	>79	>79
8	---	---	---	---	---	---	>79	>79	>79	>79	>79	>79
9	---	---	---	---	---	---	---	>79	>79	>79	>79	>79
10	---	---	---	---	---	---	---	---	>79	>79	>79	>79
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 6850 MHz; -4.00 dBm.
 LO IN: 6880 MHz; +7.00 dBm
 IF OUT: 30 MHz; -11.05 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.