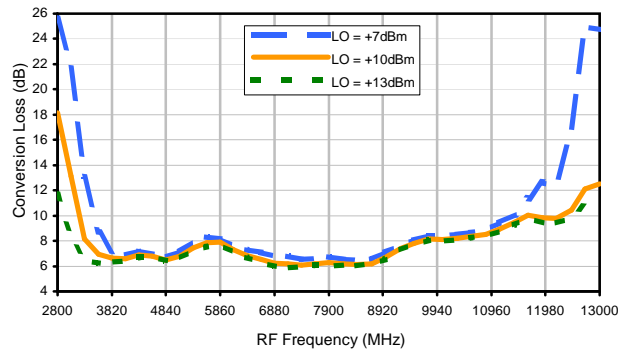
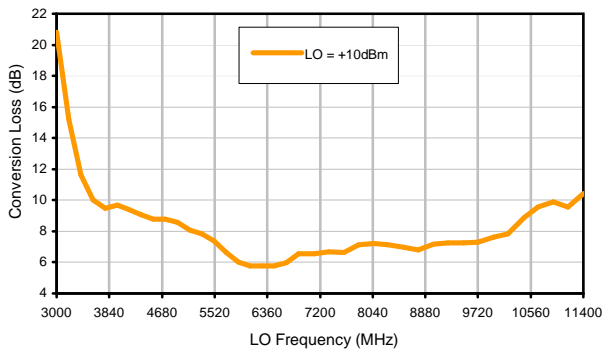


Typical Performance Curves

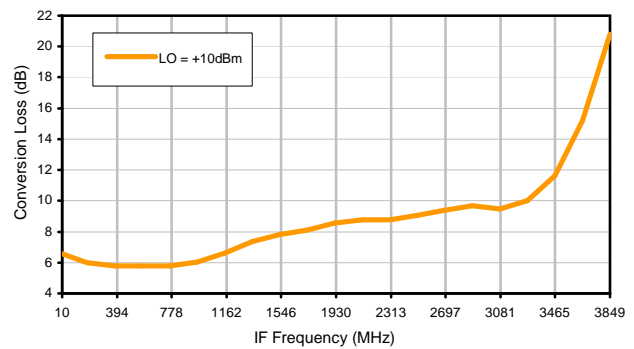
Conversion Loss @ IF=30MHz



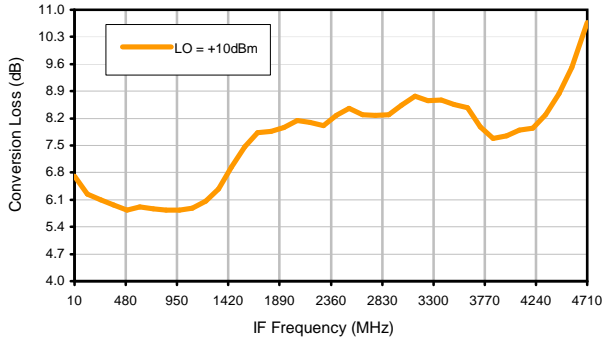
Conversion Loss vs. LO @ RF=6850MHz



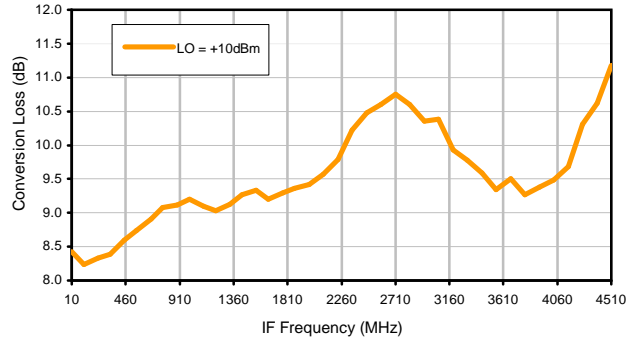
Conversion Loss vs. IF @ RF=6850MHz



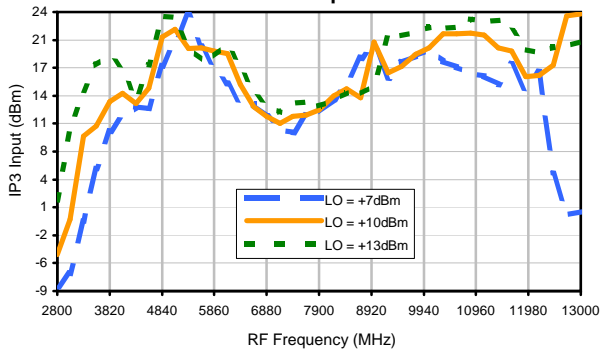
Conversion Loss vs. IF @ RF=3690MHz



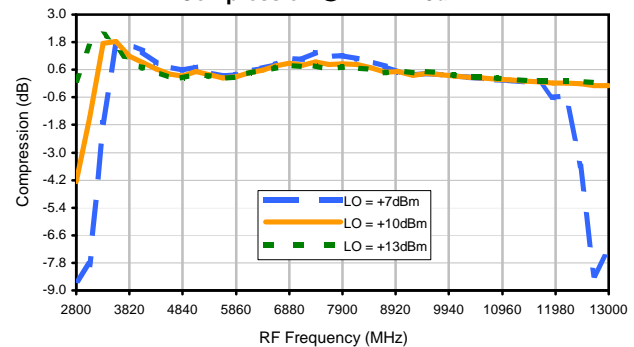
Conversion Loss vs. IF @ RF=10010.09MHz



IP3 Input

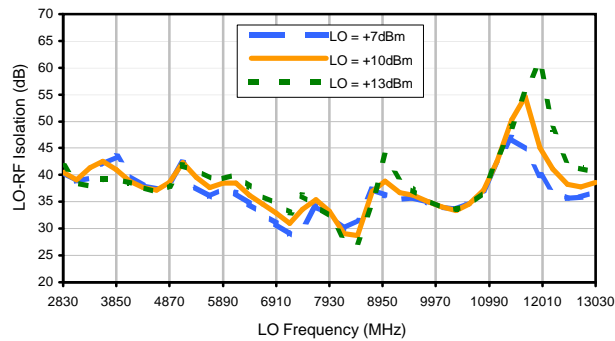


Compression @ RF IN=+5dBm

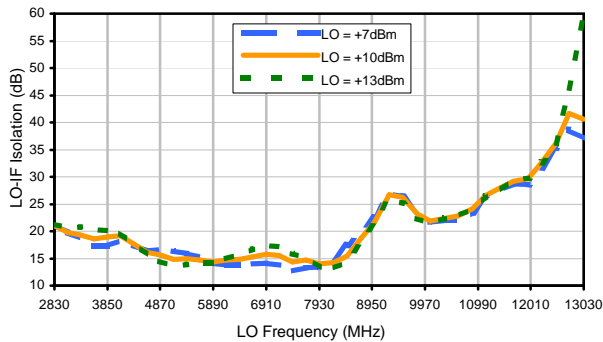


Typical Performance Curves

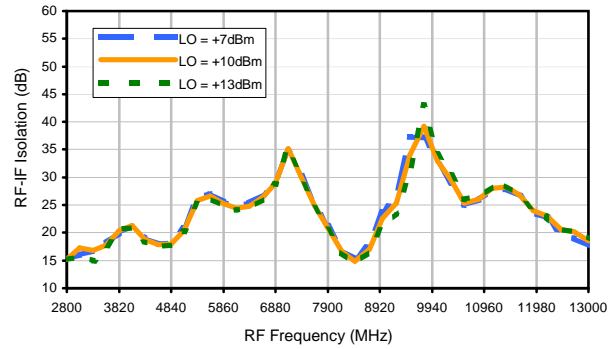
LO-RF Isolation



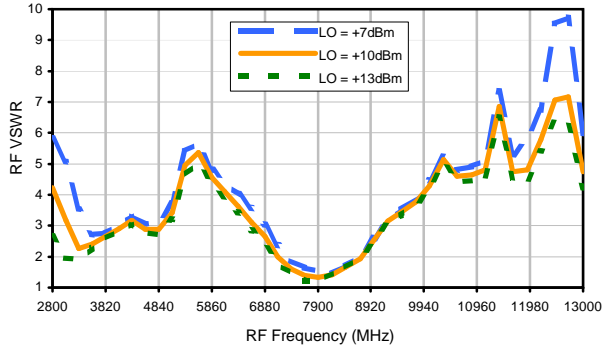
LO-IF Isolation



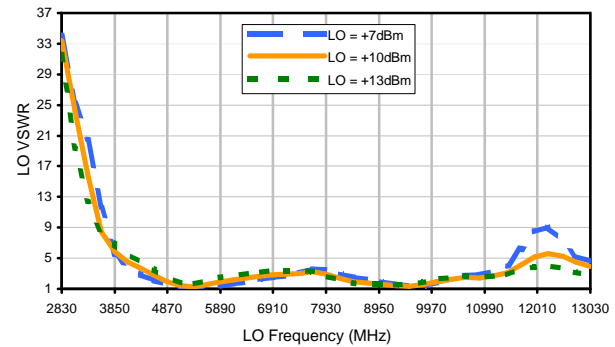
RF-IF Isolation



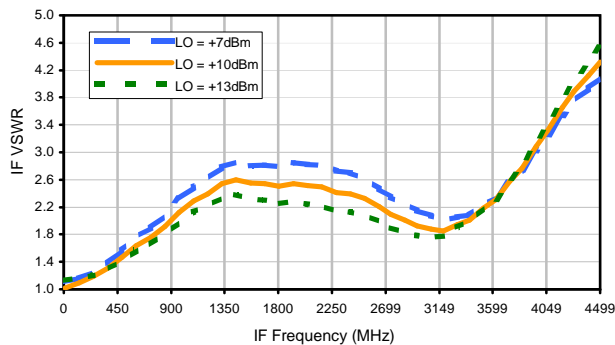
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+11	34	6	---	---	---	---	---	---	---
1	-	22	+0	42	26	37	---	---	---	---	---	---
2	78	58	48	56	47	66	46	---	---	---	---	---
3	>90	69	68	>74	56	>74	69	>74	---	---	---	---
4	---	---	>74	>74	>74	>74	>74	>74	>74	---	---	---
5	---	---	---	>74	>74	>74	>74	>74	>74	>74	---	---
6	---	---	---	---	>74	>74	>74	>74	>74	>74	>74	---
7	---	---	---	---	---	>74	>74	>74	>74	>74	>74	>74
8	---	---	---	---	---	---	>74	>74	>74	>74	>74	>74
9	---	---	---	---	---	---	---	>74	>74	>74	>74	>74
10	---	---	---	---	---	---	---	---	>74	>74	>74	>74
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 6850 MHz; -10.00 dBm.
 LO IN: 6880 MHz; +10.00 dBm
 IF OUT: 30 MHz; -16.45 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+1	43	17	---	---	---	---	---	---	---
1	-	22	+0	45	25	42	---	---	---	---	---	---
2	58	48	38	43	39	61	40	---	---	---	---	---
3	86	49	46	59	34	62	55	60	---	---	---	---
4	---	---	73	71	61	61	58	71	62	---	---	---
5	---	---	---	76	68	80	52	>83	63	71	---	---
6	---	---	---	---	>83	81	80	71	71	79	64	---
7	---	---	---	---	---	>83	82	>83	66	>83	77	74
8	---	---	---	---	---	---	>83	>83	>83	80	82	>83
9	---	---	---	---	---	---	---	>83	>83	>83	78	>83
10	---	---	---	---	---	---	---	---	>83	>83	>83	>83
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 6850 MHz; 0.00 dBm.
 LO IN: 6880 MHz; +10.00 dBm
 IF OUT: 30 MHz; -6.68 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.