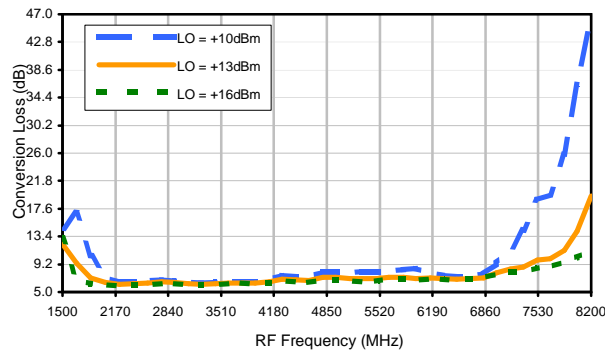
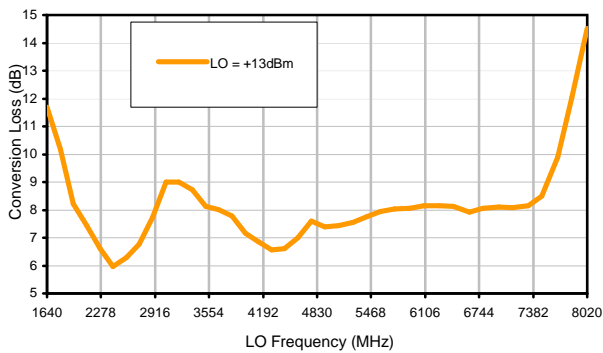


Typical Performance Curves

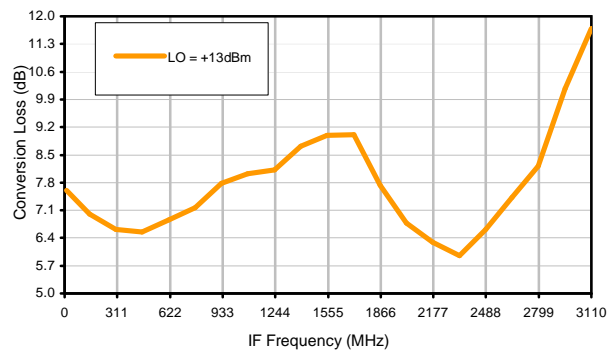
Conversion Loss @ IF=30MHz



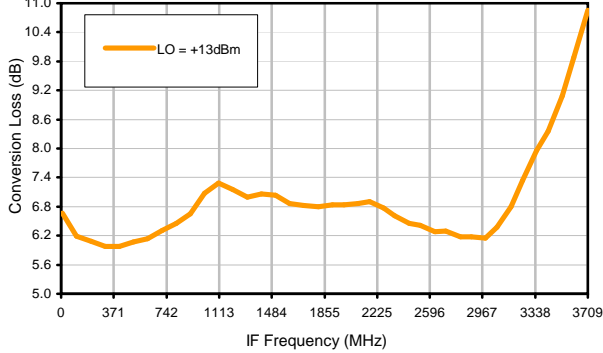
Conversion Loss vs. LO @ RF=4750.1001MHz



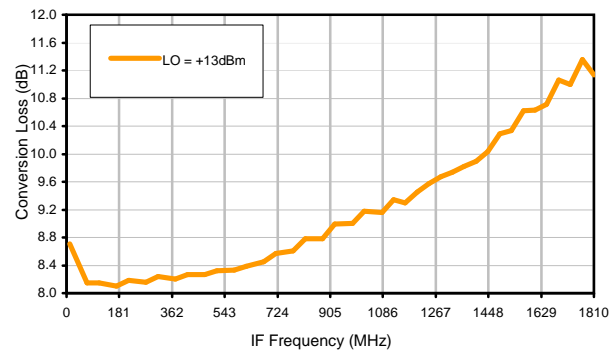
Conversion Loss vs. IF @ RF=4750.1001MHz



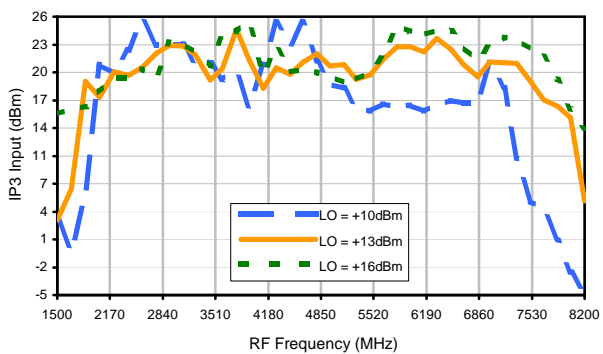
Conversion Loss vs. IF @ RF=2290.1001MHz



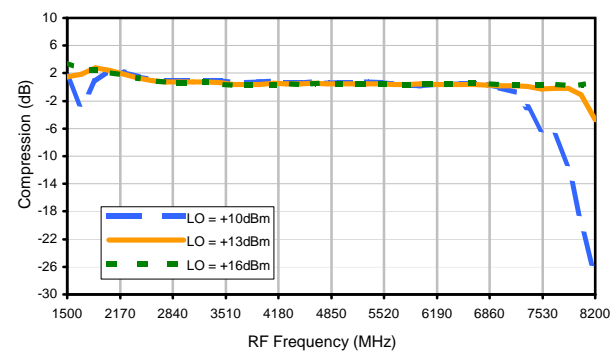
Conversion Loss vs. IF @ RF=7210.1001MHz



IP3 Input

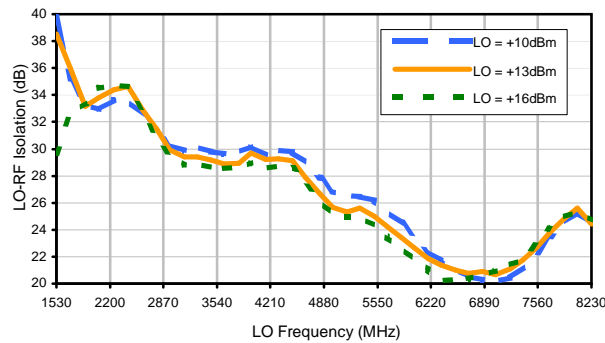


Compression @ RF IN=+9dBm

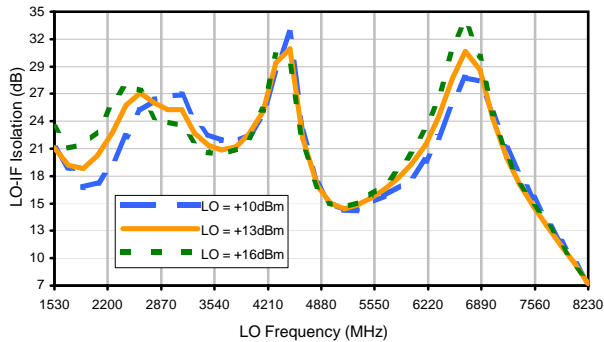


Typical Performance Curves

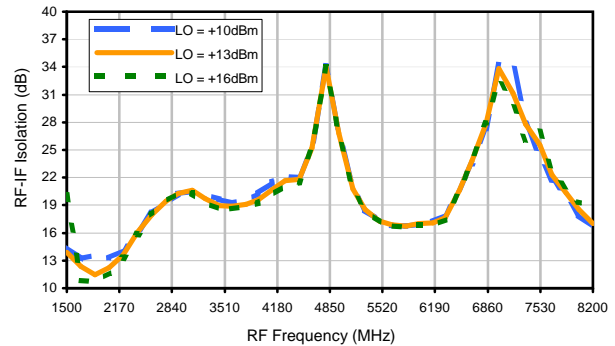
LO-RF Isolation



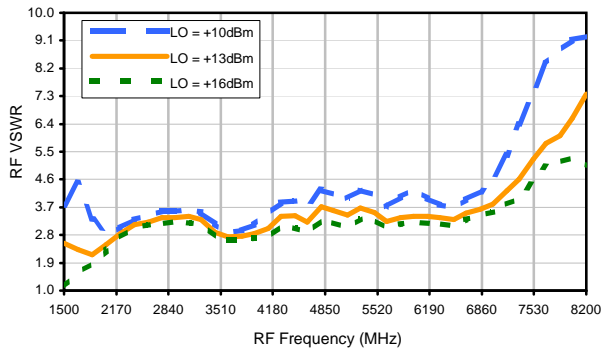
LO-IF Isolation



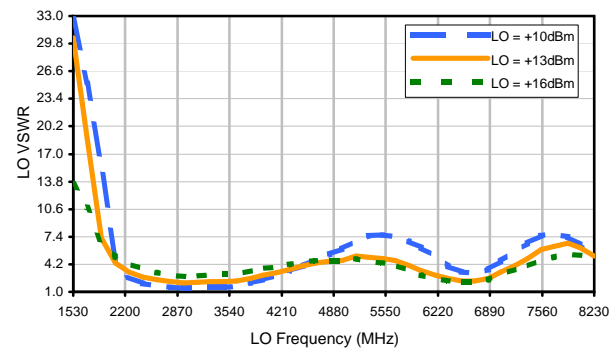
RF-IF Isolation



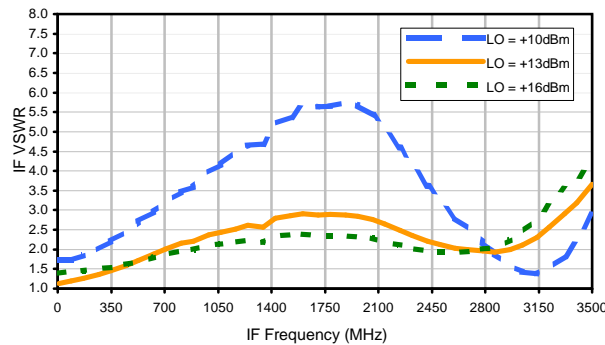
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+8	13	27	41	28	---	---	---	---	---
1	-	24	+0	51	16	39	53	53	---	---	---	---
2	75	58	63	58	60	60	61	76	65	---	---	---
3	>90	66	57	>77	66	>77	70	>77	>77	>77	---	---
4	>90	>77	>77	>77	>77	>77	>77	>77	>77	>77	---	---
5	>90	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77	---
6	---	---	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77
7	---	---	---	>77	>77	>77	>77	>77	>77	>77	>77	>77
8	---	---	---	---	>77	>77	>77	>77	>77	>77	>77	>77
9	---	---	---	---	---	>77	>77	>77	>77	>77	>77	>77
10	---	---	---	---	---	---	>77	>77	>77	>77	>77	>77
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 4750 MHz; -6.00 dBm.
 LO IN: 4780 MHz; +13.00 dBm
 IF OUT: 30 MHz; -13.25 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	2	24	40	54	41	---	---	---	---	---
1	-	24	+0	54	17	42	56	54	---	---	---	---
2	55	45	52	49	51	55	52	68	59	---	---	---
3	79	45	36	61	53	68	56	59	67	72	---	---
4	>90	83	77	69	77	60	73	63	74	85	---	---
5	>90	82	84	>87	66	83	62	>87	66	85	83	---
6	---	---	>87	>87	>87	85	>87	82	>87	>87	>87	>87
7	---	---	---	>87	>87	>87	86	>87	>87	>87	>87	>87
8	---	---	---	---	>87	>87	>87	>87	>87	>87	>87	>87
9	---	---	---	---	---	>87	>87	>87	>87	>87	>87	>87
10	---	---	---	---	---	---	>87	>87	>87	>87	>87	>87
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 4750 MHz; 4.00 dBm.
 LO IN: 4780 MHz; +13.00 dBm
 IF OUT: 30 MHz; -3.29 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.