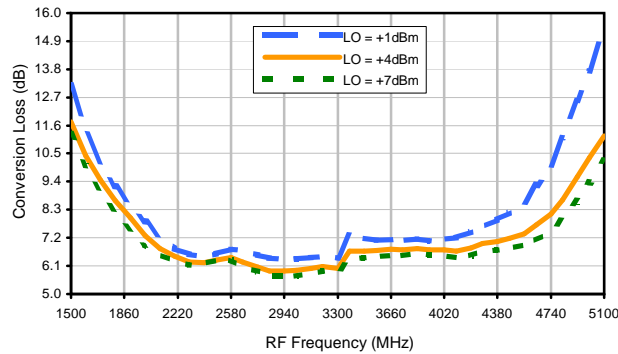
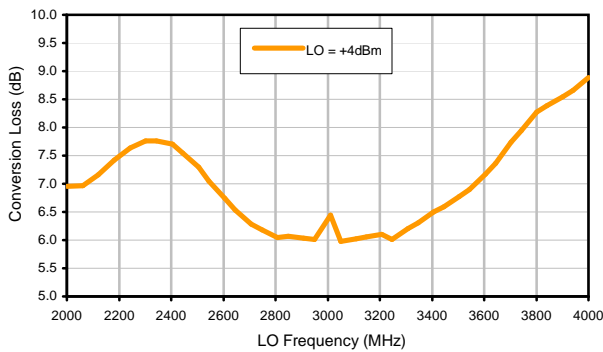


Typical Performance Curves

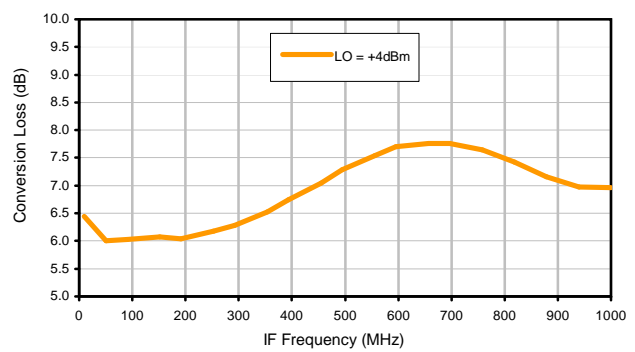
Conversion Loss @ IF=30MHz



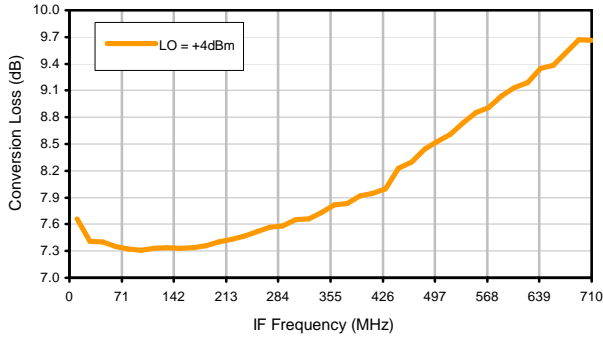
Conversion Loss vs. LO @ RF=3000MHz



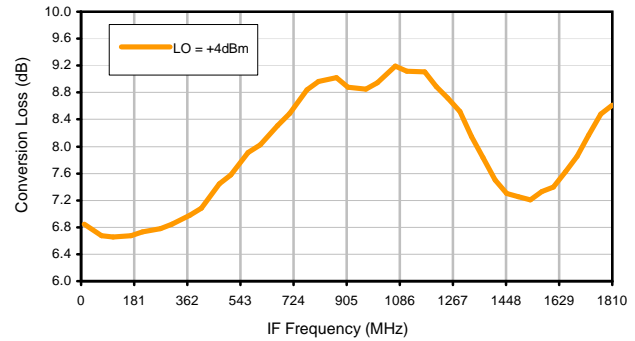
Conversion Loss vs. IF @ RF=3000MHz



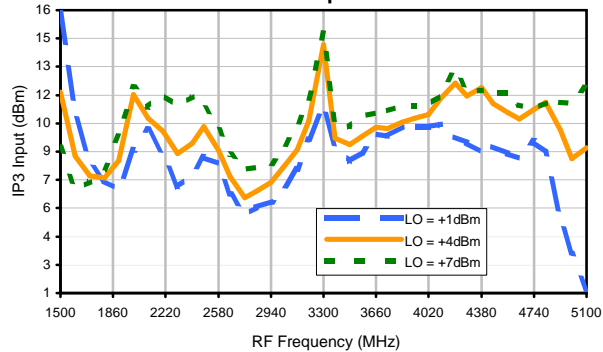
Conversion Loss vs. IF @ RF=1989.9MHz



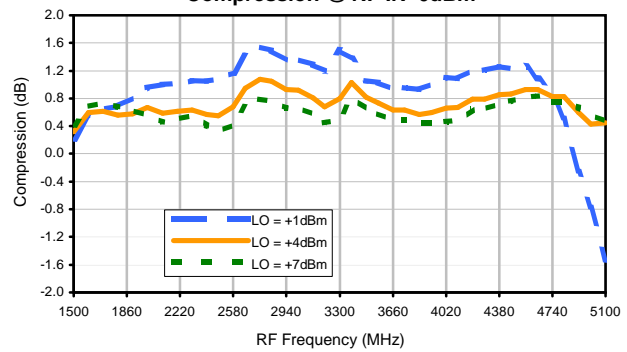
Conversion Loss vs. IF @ RF=4010MHz



IP3 Input

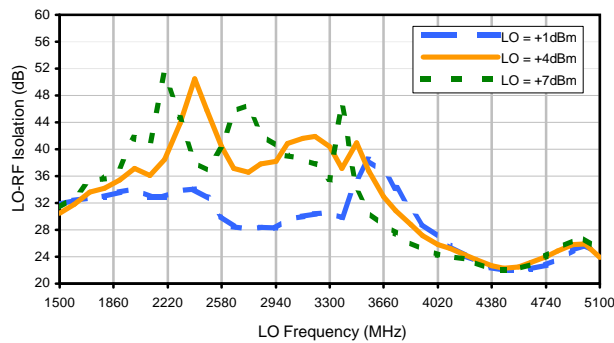


Compression @ RF IN=0dBm

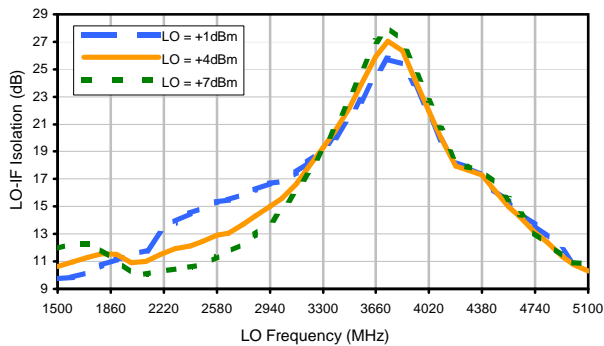


Typical Performance Curves

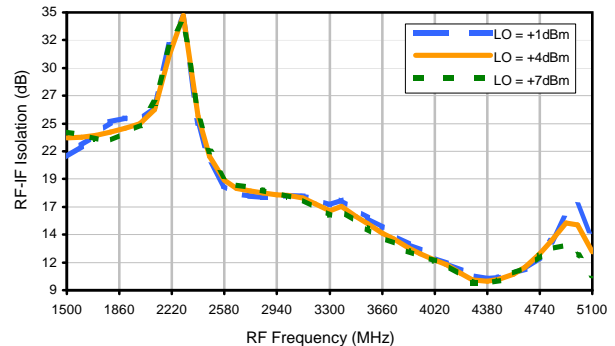
LO-RF Isolation



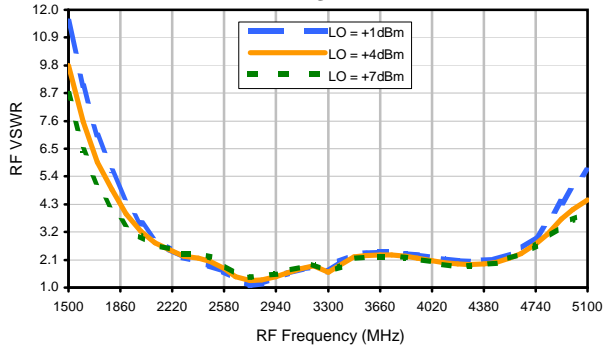
LO-IF Isolation



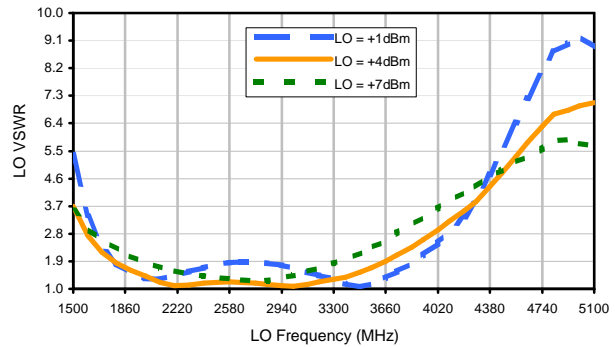
RF-IF Isolation



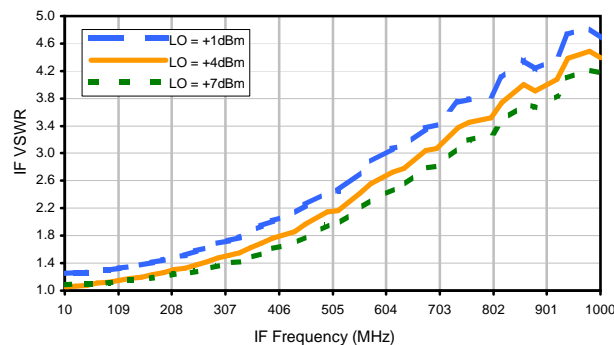
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+9	11	11	40	28	61	29	---	---	---
1	-	12	+0	29	18	40	44	37	55	53	---	---
2	>90	50	50	45	53	65	52	57	56	59	54	---
3	>90	66	63	>69	64	64	>69	>69	>69	>69	>69	>69
4	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
5	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
6	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
7	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
8	---	---	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
9	---	---	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
10	---	---	---	>69	>69	>69	>69	>69	>69	>69	>69	>69
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 3000 MHz; -15.00 dBm.
 LO IN: 3030 MHz; +4.00 dBm
 IF OUT: 30 MHz; -21.16 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+0	22	22	57	42	52	45	---	---	---
1	-	12	+0	33	19	46	45	43	65	59	---	---
2	75	40	41	39	45	74	46	55	53	61	54	---
3	>90	47	43	50	44	46	47	56	68	59	66	73
4	>90	69	69	70	61	55	65	66	63	64	65	65
5	>90	75	76	75	>79	78	60	65	>79	71	77	70
6	90	>79	>79	>79	>79	>79	>79	72	>79	77	>79	75
7	>90	>79	>79	>79	>79	>79	>79	>79	76	>79	>79	>79
8	---	---	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
9	---	---	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
10	---	---	---	>79	>79	>79	>79	>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: 3000 MHz; -5.00 dBm.
 LO IN: 3030 MHz; +4.00 dBm
 IF OUT: 30 MHz; -11.25 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.