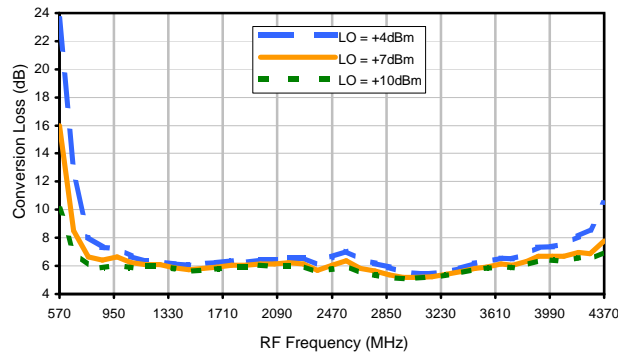
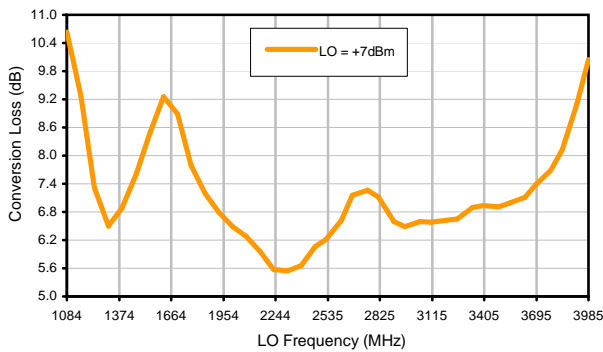


Typical Performance Curves

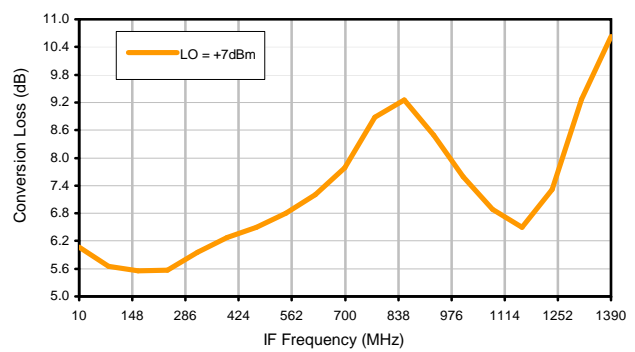
Conversion Loss @ IF=30MHz



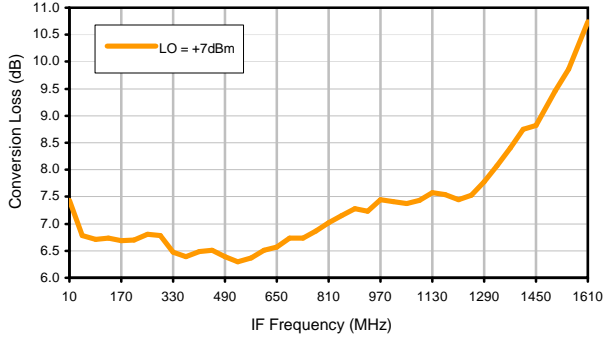
Conversion Loss vs. LO @ RF=2475MHz



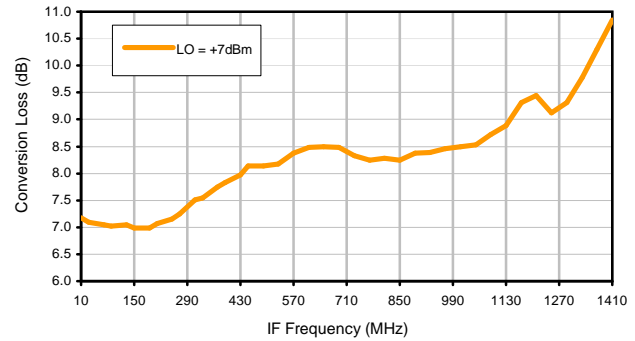
Conversion Loss vs. IF @ RF=2475MHz



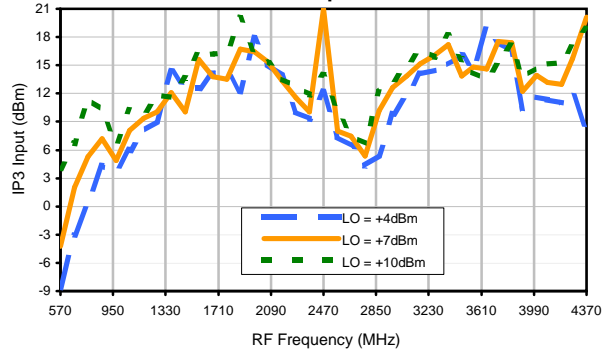
Conversion Loss vs. IF @ RF=739.9MHz



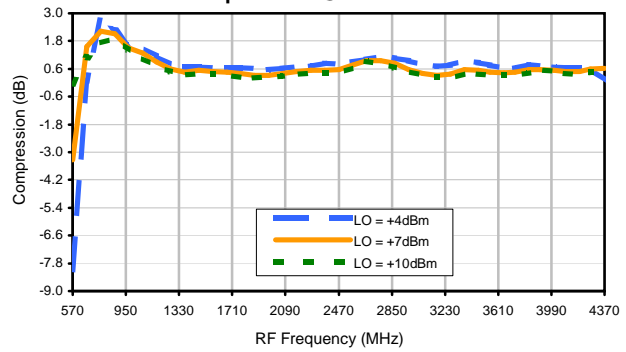
Conversion Loss vs. IF @ RF=4210.1MHz



IP3 Input

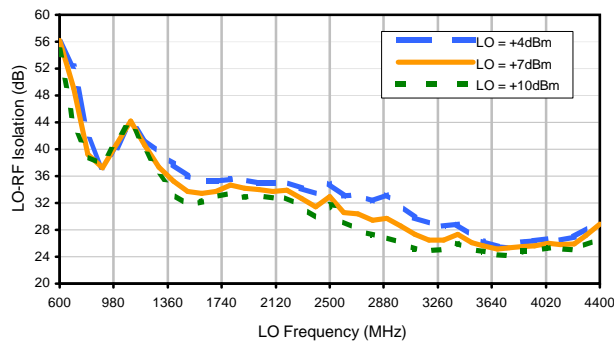


Compression @ RF IN=+1dBm

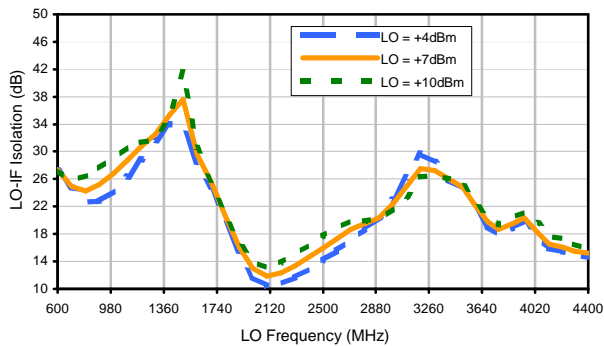


Typical Performance Curves

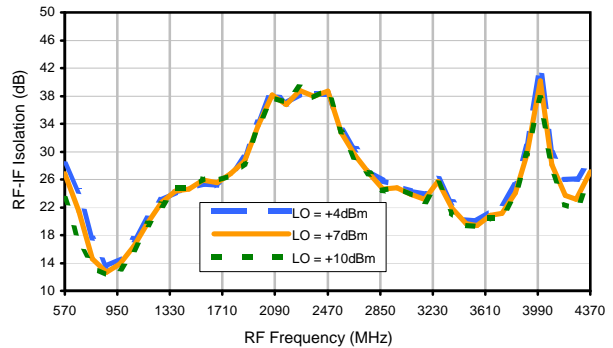
LO-RF Isolation



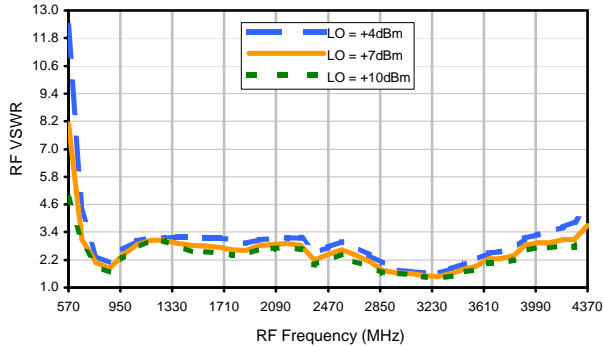
LO-IF Isolation



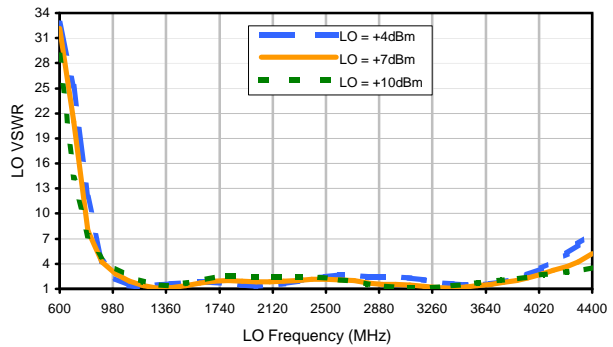
RF-IF Isolation



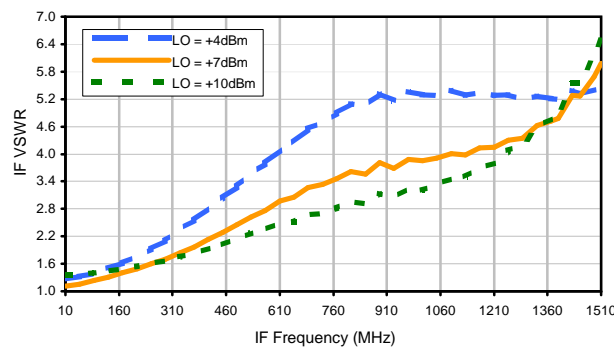
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+11	7	17	23	29	64	31	43	43	---
1	-	32	+0	41	17	34	34	67	56	>70	53	63
2	89	52	57	54	53	63	56	59	69	>70	>70	>70
3	>90	66	>70	>70	66	>70	>70	>70	67	>70	>70	>70
4	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
5	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
6	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
7	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
8	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
9	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
10	---	---	>70	65	>70	>70	>70	>70	>70	>70	>70	>70
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 2475 MHz; -14.00 dBm.
 LO IN: 2505 MHz; +7.00 dBm
 IF OUT: 30 MHz; -20.33 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+1	18	28	36	40	68	43	54	54	---
1	-	32	+0	43	17	38	35	66	53	72	58	65
2	68	46	51	54	44	55	46	53	60	77	62	70
3	>90	46	50	65	54	59	59	52	54	78	72	>80
4	>90	76	74	64	64	61	65	71	70	69	>80	>80
5	>90	73	69	76	64	>80	58	>80	66	73	67	>80
6	>90	>80	>80	>80	>80	>80	>80	76	77	>80	77	>80
7	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
8	89	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
9	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
10	---	---	>80	78	>80	>80	>80	>80	>80	>80	>80	>80
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2475 MHz; -4.00 dBm.
 LO IN: 2505 MHz; +7.00 dBm
 IF OUT: 30 MHz; -10.25 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.