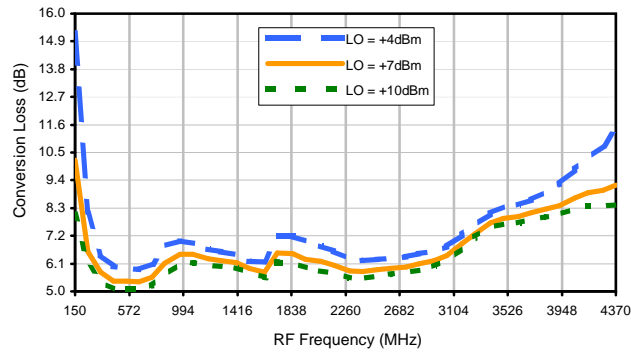
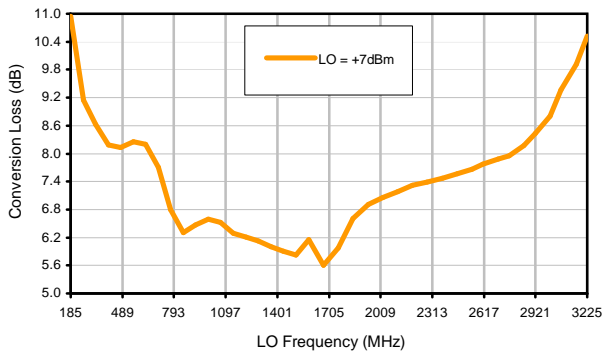


Typical Performance Curves

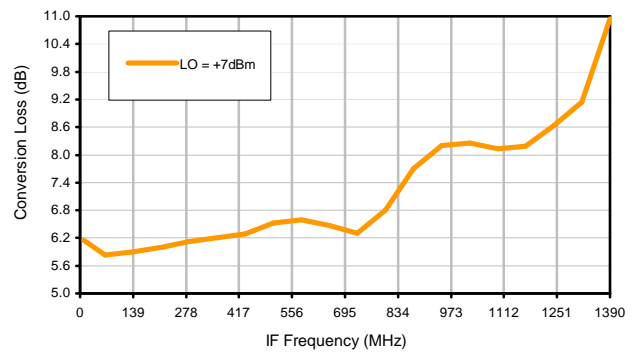
Conversion Loss @ IF=30MHz



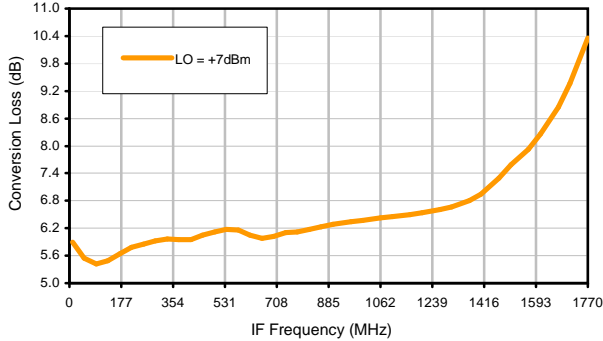
Conversion Loss vs. LO @ RF=1575MHz



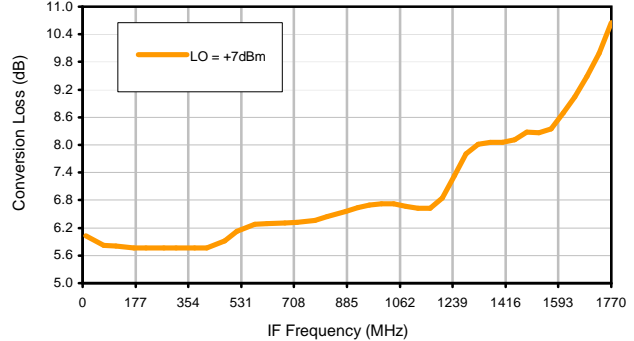
Conversion Loss vs. IF @ RF=1575MHz



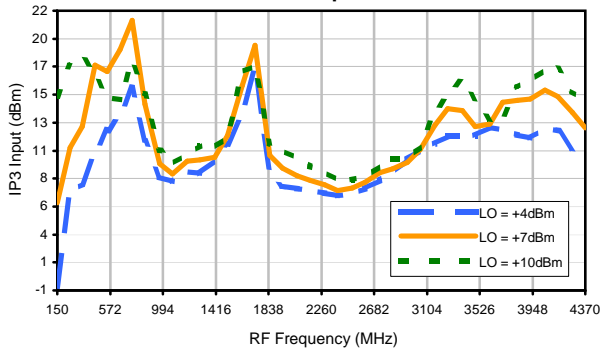
Conversion Loss vs. IF @ RF=739.9MHz



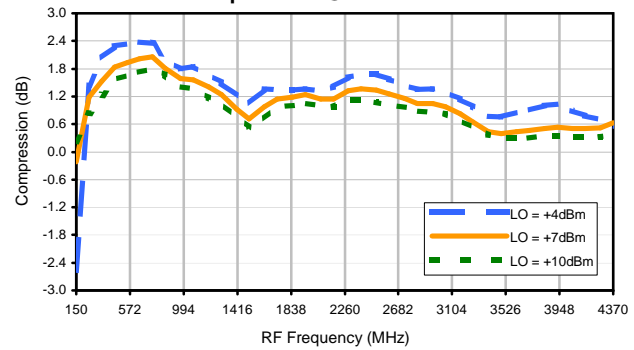
Conversion Loss vs. IF @ RF=2410.1MHz



IP3 Input

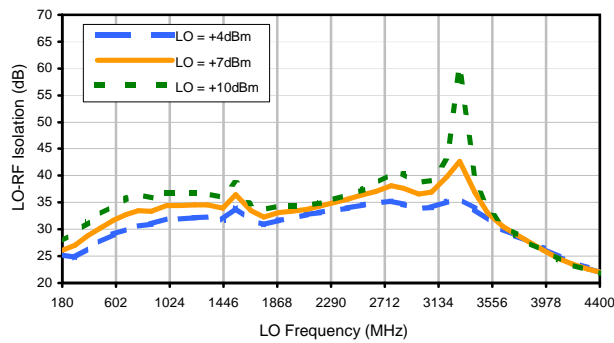


Compression @ RF IN=+1dBm

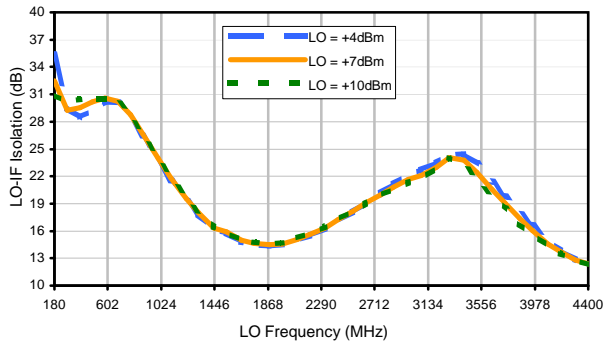


Typical Performance Curves

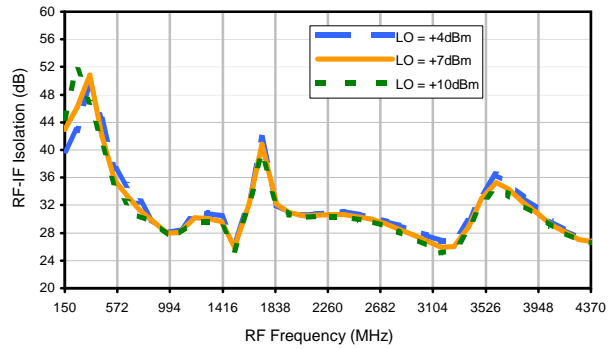
LO-RF Isolation



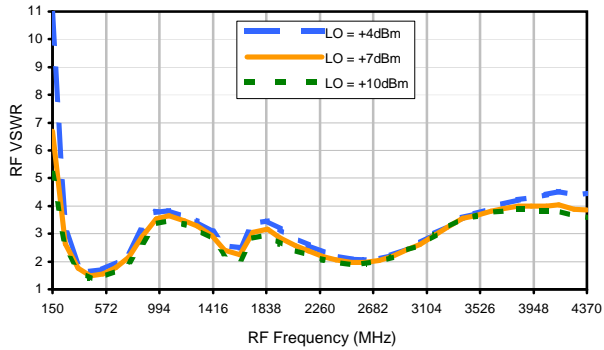
LO-IF Isolation



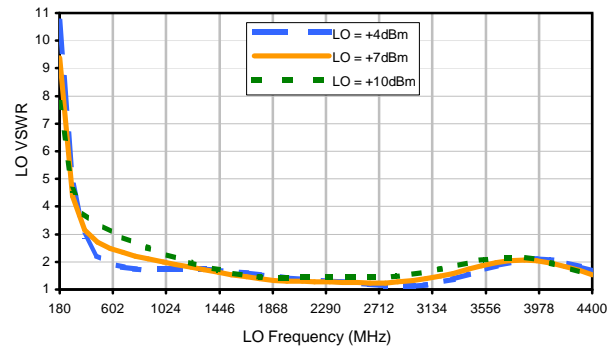
RF-IF Isolation



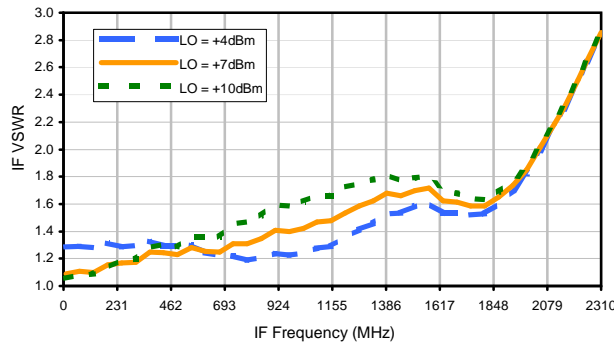
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+11	22	14	50	27	41	31	37	44	59
1	-	23	+0	41	23	43	41	54	48	45	42	64
2	85	>70	50	65	49	>70	62	>70	62	63	61	62
3	>90	>70	>70	>70	63	>70	>70	>70	>70	>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	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1575 MHz; -14.00 dBm.
 LO IN: 1605 MHz; +7.00 dBm
 IF OUT: 30 MHz; -20.19 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+2	32	25	55	40	61	47	59	67	74
1	-	23	+0	49	23	45	42	55	52	51	50	73
2	65	>80	46	56	44	68	54	71	54	61	59	60
3	>90	72	52	49	41	66	54	64	64	75	65	62
4	>90	>80	77	>80	58	75	60	79	75	79	70	71
5	>90	>80	>80	>80	>80	75	75	74	>80	>80	>80	>80
6	>90	>80	>80	>80	>80	>80	73	>80	75	>80	>80	>80
7	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
8	>90	>80	>80	>80	>80	>80	>80	>80	78	>80	>80	>80
9	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
10	>90	>80	>80	>80	>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: 1575 MHz; -4.00 dBm.
 LO IN: 1605 MHz; +7.00 dBm
 IF OUT: 30 MHz; -10.26 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.