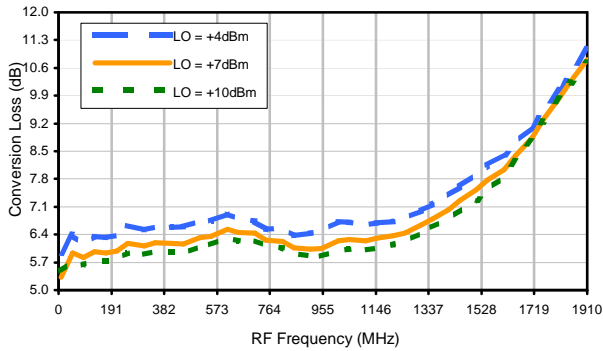
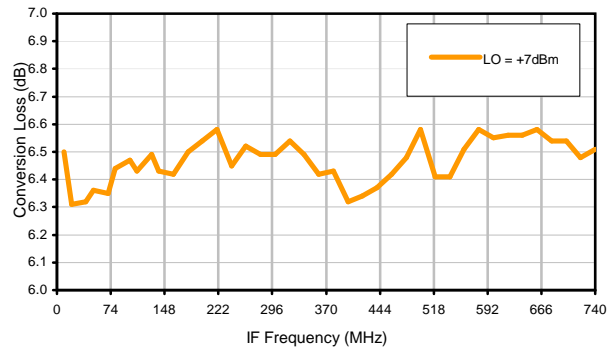


Typical Performance Curves

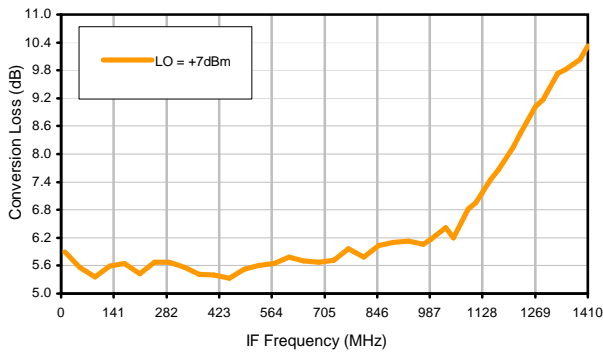
Conversion Loss @ IF=30MHz



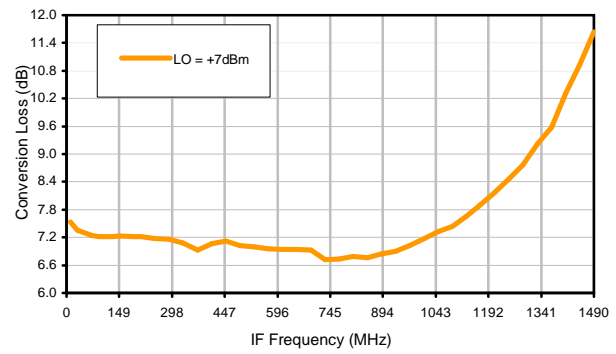
Conversion Loss vs. IF @ RF=750.1MHz



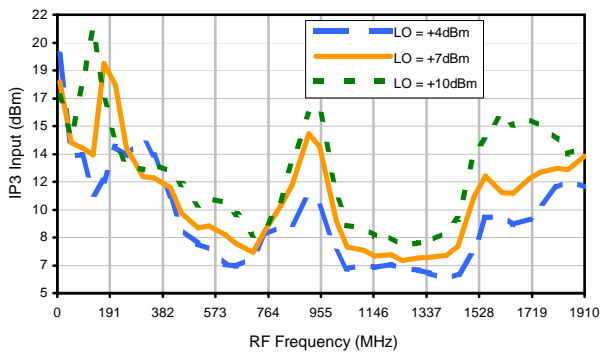
Conversion Loss vs. IF @ RF=10.1MHz



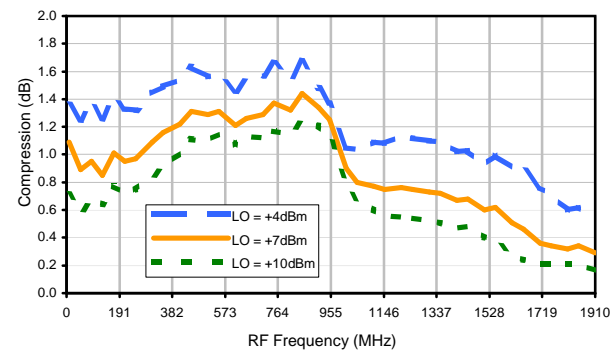
Conversion Loss vs. IF @ RF=1500.1MHz



IP3 Input

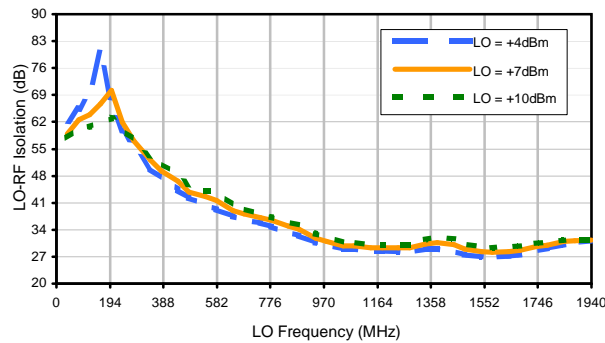


Compression @ RF IN=+1dBm

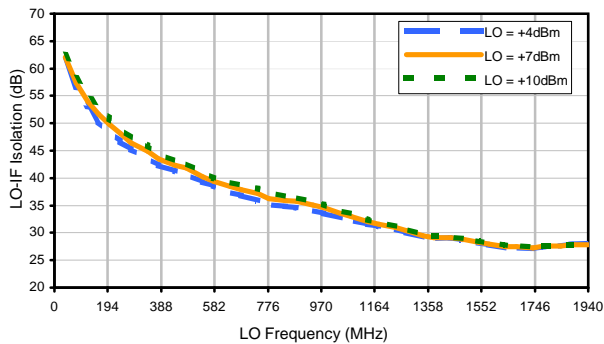


Typical Performance Curves

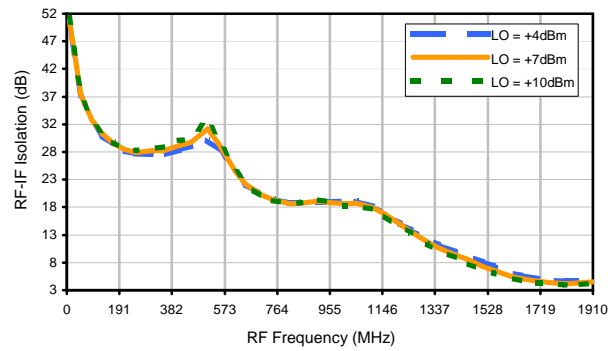
LO-RF Isolation



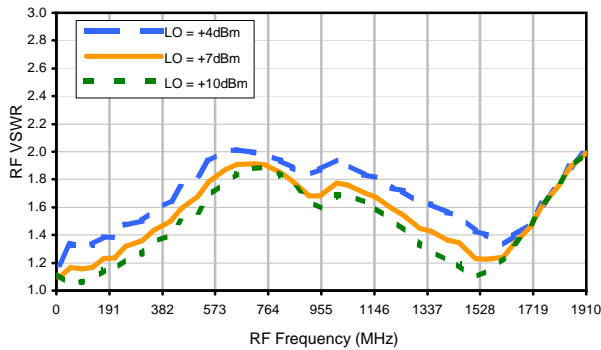
LO-IF Isolation



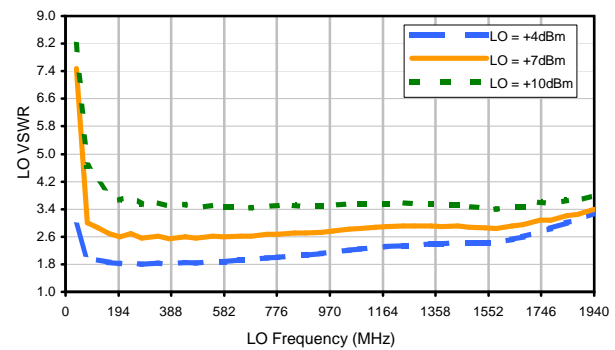
RF-IF Isolation



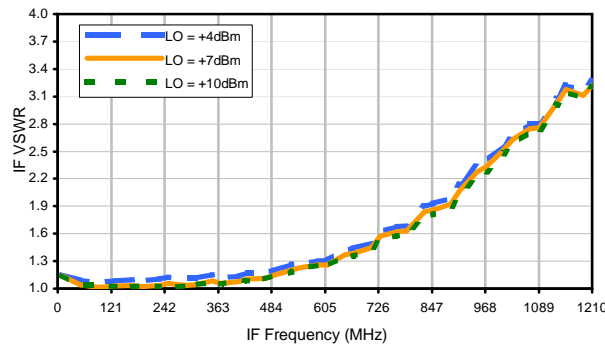
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	9	21	17	31	15	28	31	52	45	46
1	-	12	+0	29	22	22	34	29	35	35	41	43
2	>90	61	50	67	49	61	54	53	47	58	54	65
3	>90	50	52	66	54	59	58	50	65	56	60	60
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: 750 MHz; -14.00 dBm.
 LO IN: 780 MHz; +7.00 dBm
 IF OUT: 30 MHz; -20.35 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	19	31	28	50	28	42	48	59	62	74
1	-	12	+0	30	20	27	36	36	43	47	58	63
2	70	67	51	64	52	61	52	55	44	56	56	76
3	>90	35	36	52	37	47	54	38	50	46	52	52
4	>90	62	68	72	61	74	61	68	63	65	56	68
5	>90	61	67	54	55	67	53	56	55	51	61	57
6	>90	75	78	76	74	76	68	>80	67	75	72	75
7	>90	79	78	71	77	65	67	71	64	64	66	62
8	>90	>80	>80	>80	>80	>80	>80	>80	75	>80	73	>80
9	>90	>80	>80	>80	>80	>80	>80	76	77	76	74	73
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: 750 MHz; -4.00 dBm.
 LO IN: 780 MHz; +7.00 dBm
 IF OUT: 30 MHz; -10.5 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.