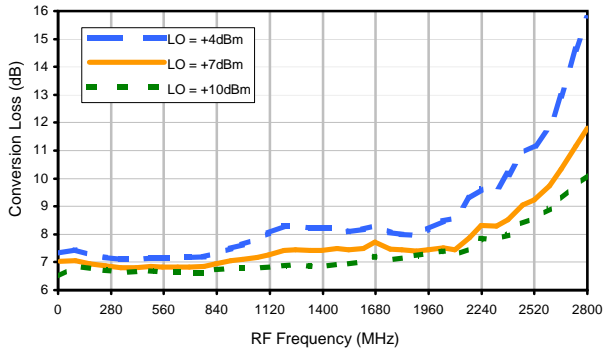
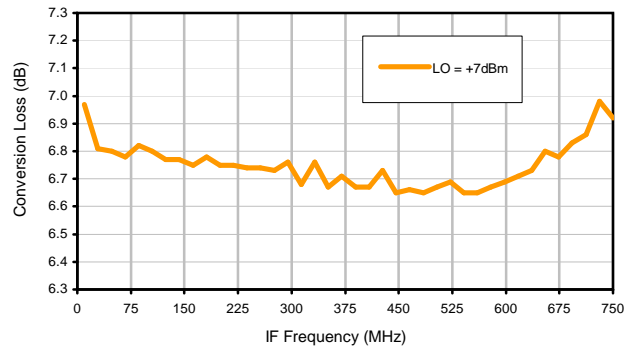


Typical Performance Curves

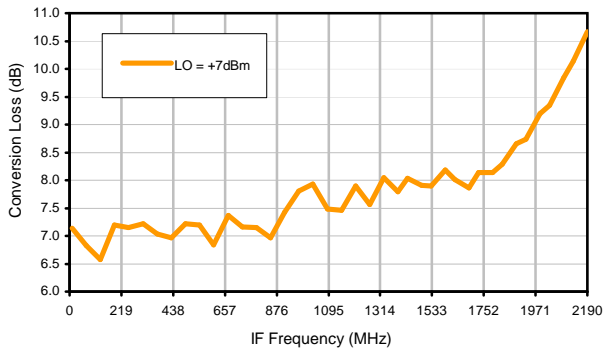
Conversion Loss @ IF=30MHz



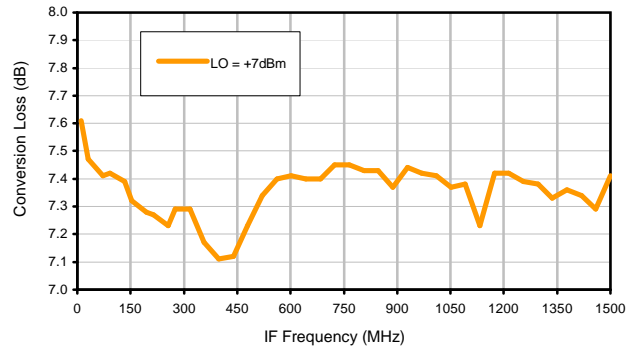
Conversion Loss vs. IF @ RF=760.1MHz



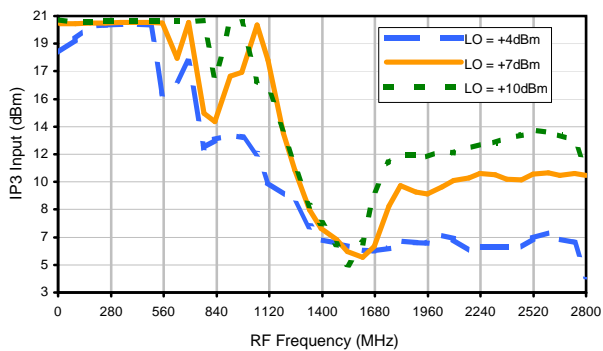
Conversion Loss vs. IF @ RF=10.1MHz



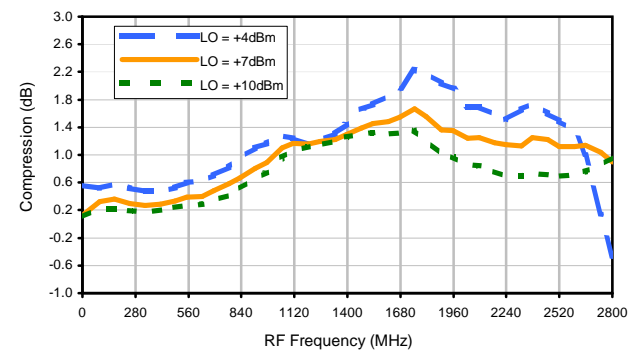
Conversion Loss vs. IF @ RF=1510.1MHz



IP3 Input

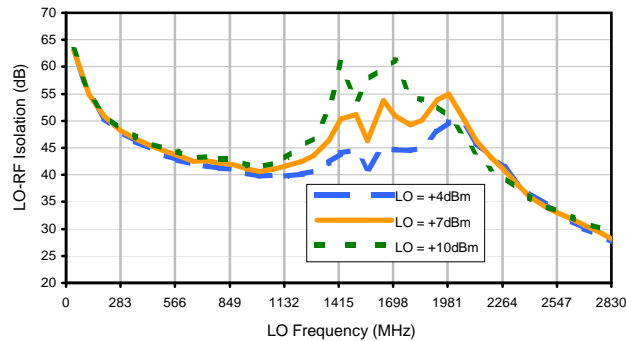


Compression @ RF IN=+1dBm

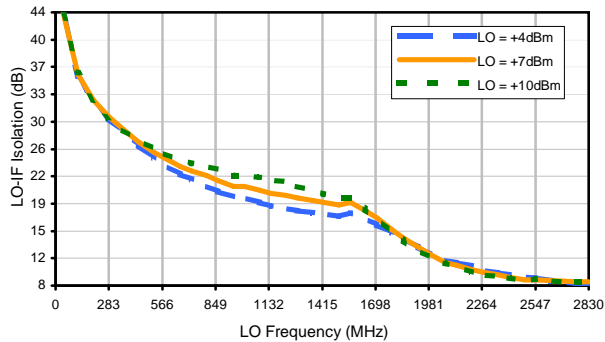


Typical Performance Curves

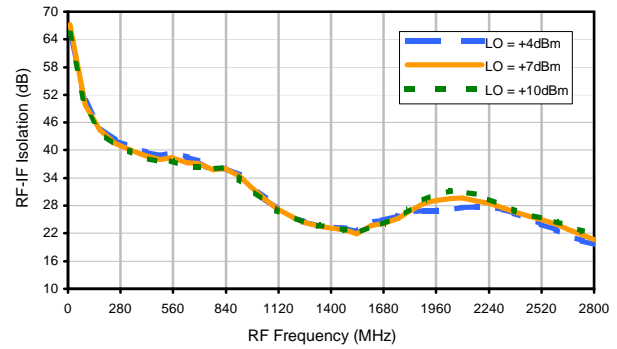
LO-RF Isolation



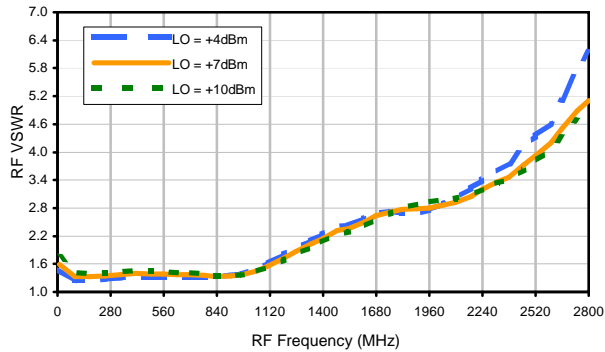
LO-IF Isolation



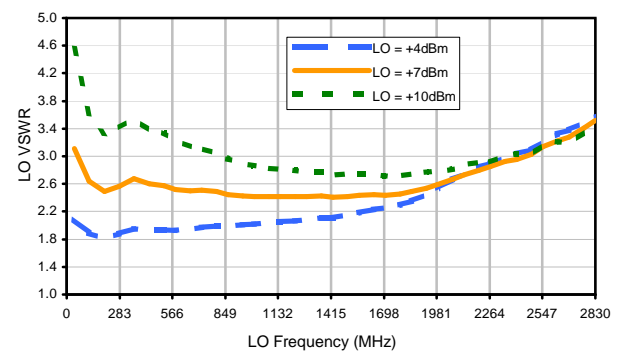
RF-IF Isolation



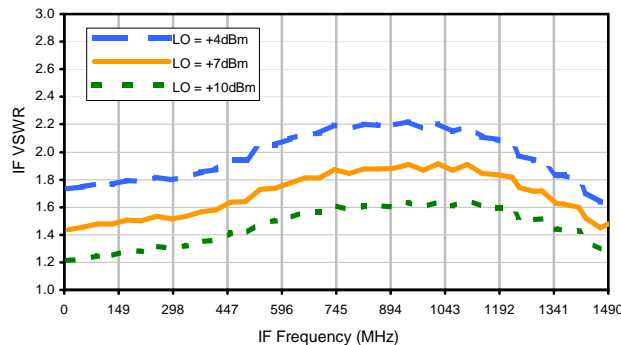
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

(-dBm)

0	-	-	+5	24	19	31	6	33	13	37	32	60
1	-	32	+0	42	13	33	38	48	32	54	39	57
2	88	>69	51	65	60	66	61	>69	45	67	48	67
3	>90	>69	>69	>69	66	>69	62	>69	>69	>69	68	>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	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
9	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
10	>90	>69	>69	>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: 750 MHz; -14.00 dBm.
 LO IN: 780 MHz; +7.00 dBm
 IF OUT: 30 MHz; -21.02 dBm

RF HARMONICS ORDER

(-dBm)

0	-	-	5	34	29	43	18	46	27	53	44	75
1	-	32	+0	41	13	35	38	53	34	57	44	65
2	68	69	41	60	48	57	50	63	37	63	41	62
3	>90	57	49	56	52	57	47	54	62	69	50	73
4	>90	>79	72	73	68	75	60	>79	63	>79	57	72
5	>90	>79	>79	79	62	73	58	71	58	72	69	>79
6	>90	>79	>79	>79	75	>79	73	>79	71	>79	75	>79
7	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
8	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
9	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
10	>90	>79	>79	>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: 750 MHz; -4.00 dBm.
 LO IN: 780 MHz; +7.00 dBm
 IF OUT: 30 MHz; -10.96 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 represents the Harmonic level of the RF input signal to the mixer.

