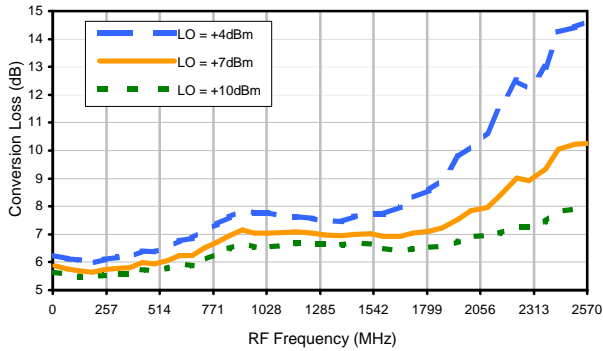
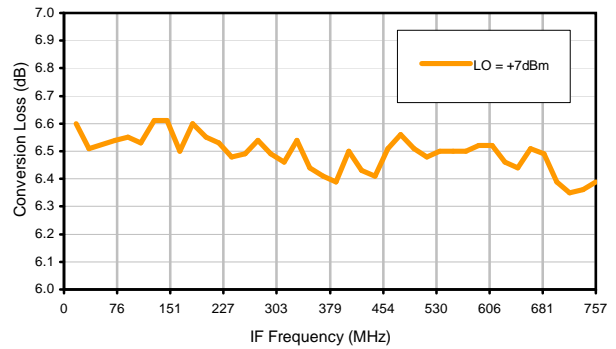


Typical Performance Curves

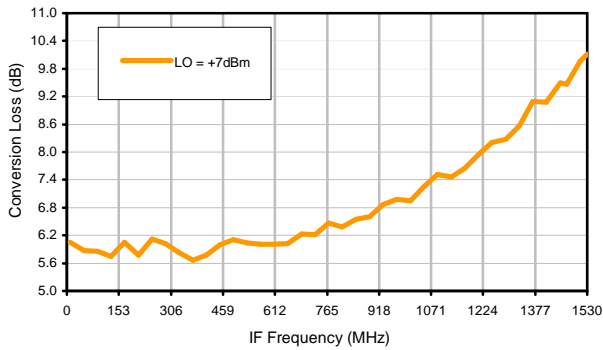
Conversion Loss @ IF=30MHz



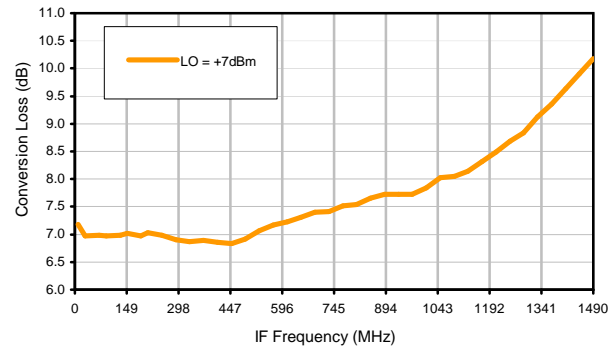
Conversion Loss vs. IF @ RF=767MHz



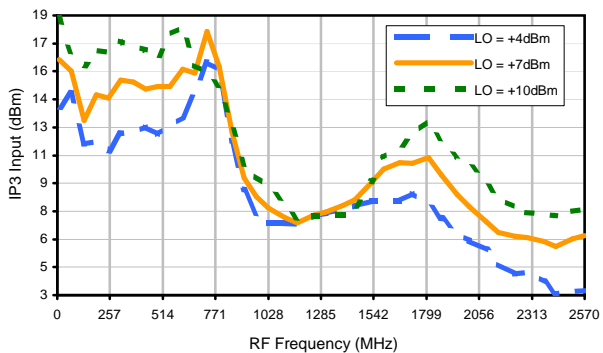
Conversion Loss vs. IF @ RF=10MHz



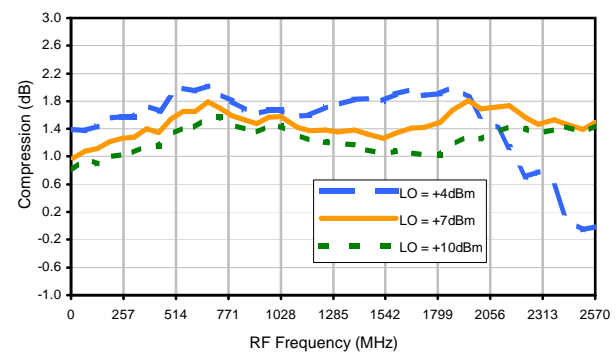
Conversion Loss vs. IF @ RF=1510.1MHz



IP3 Input

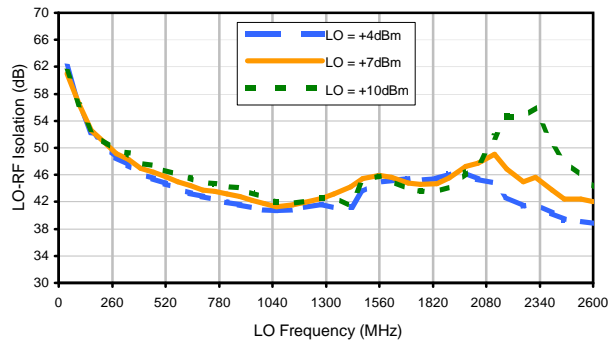


Compression @ RF IN=+1dBm

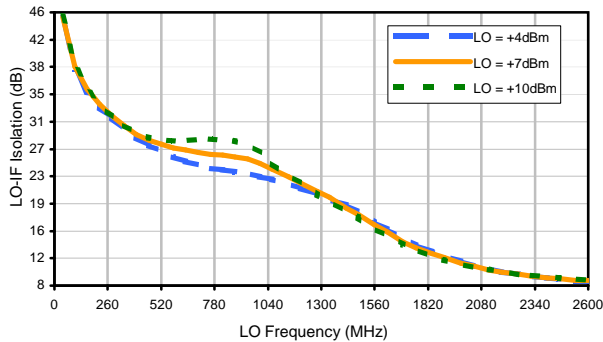


Typical Performance Curves

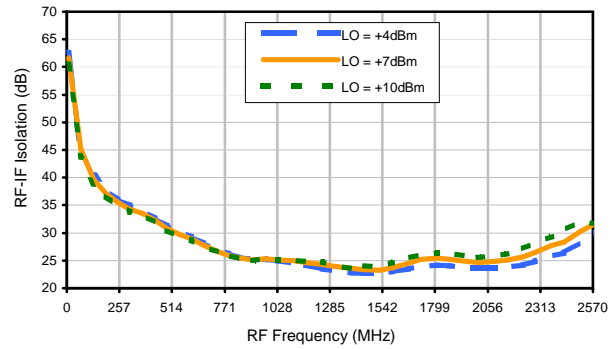
LO-RF Isolation



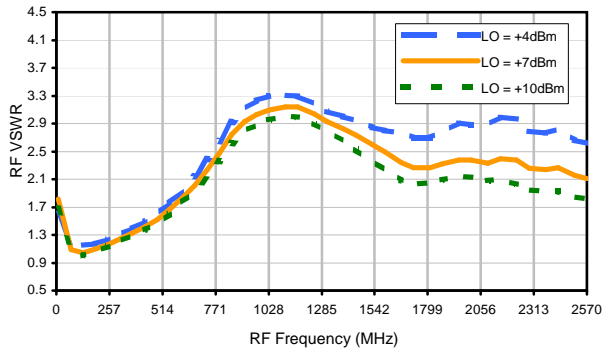
LO-IF Isolation



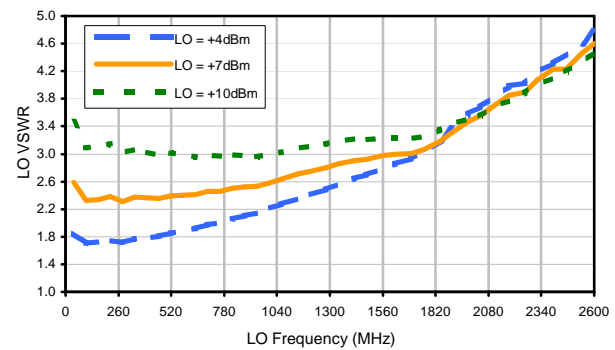
RF-IF Isolation



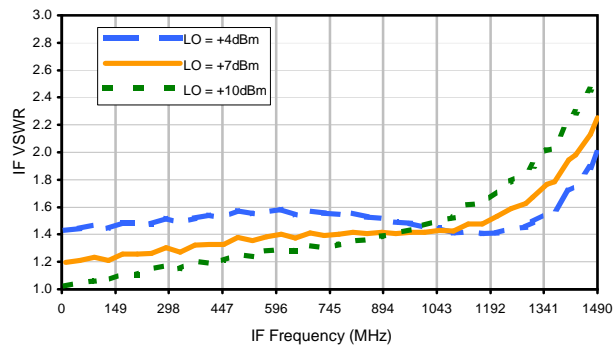
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+2	18	20	37	15	33	22	50	36	59
1	-	17	+0	34	19	39	33	43	43	46	57	58
2	89	64	53	64	49	64	> 69	> 69	49	68	55	> 69
3	> 90	> 69	61	67	57	67	63	> 69	63	> 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	> 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: 760 MHz; -14.00 dBm.
 LO IN: 790 MHz; +7.00 dBm
 IF OUT: 30 MHz; -20.74 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	8	29	30	49	28	47	35	68	50	78
1	-	17	+0	35	18	48	32	50	47	54	67	68
2	69	56	46	50	47	55	65	62	46	68	51	> 79
3	> 90	44	43	48	48	48	49	54	55	60	65	63
4	> 90	66	68	58	55	62	56	67	73	67	59	69
5	> 90	60	62	66	54	68	51	67	59	77	60	78
6	> 90	> 79	> 79	> 79	78	79	68	72	69	74	> 79	73
7	> 90	> 79	> 79	> 79	76	> 79	71	72	70	73	78	> 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: 760 MHz; -4.00 dBm.
 LO IN: 790 MHz; +7.00 dBm
 IF OUT: 30 MHz; -10.86 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.

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