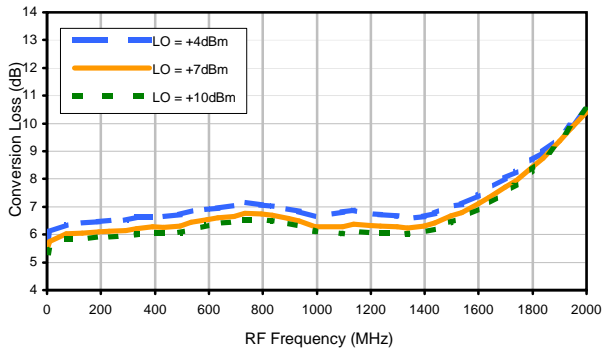
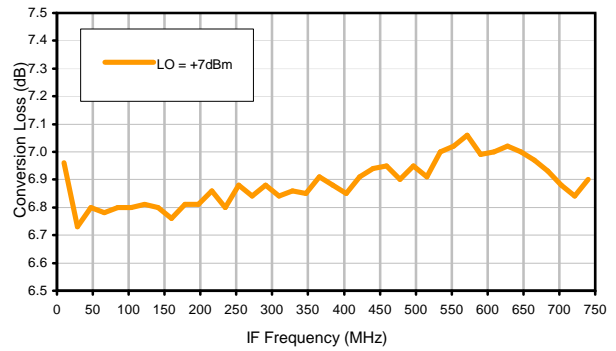


Typical Performance Curves

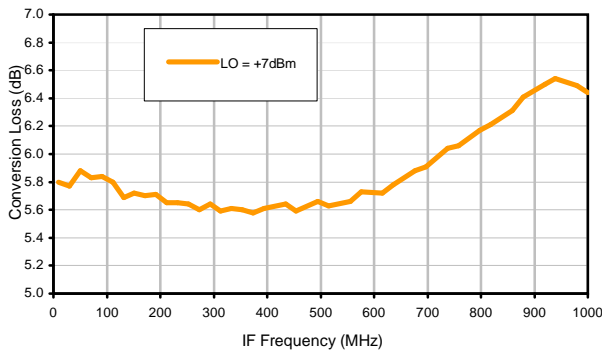
Conversion Loss @ IF=30MHz



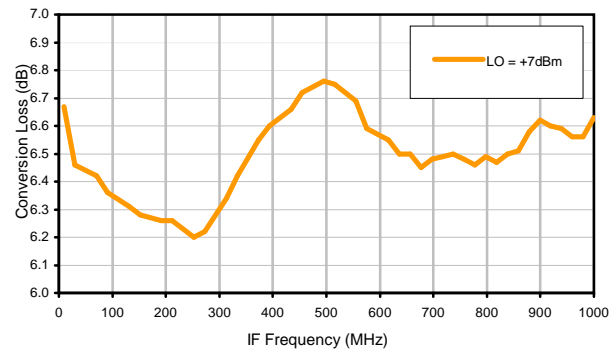
Conversion Loss vs. IF @ RF=750.1MHz



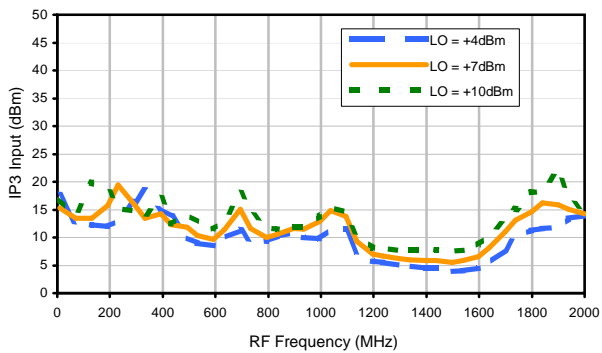
Conversion Loss vs. IF @ RF=10.1MHz



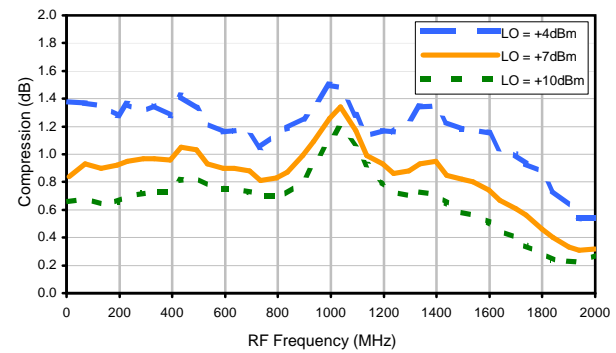
Conversion Loss vs. IF @ RF=1500.1MHz



IP3 Input

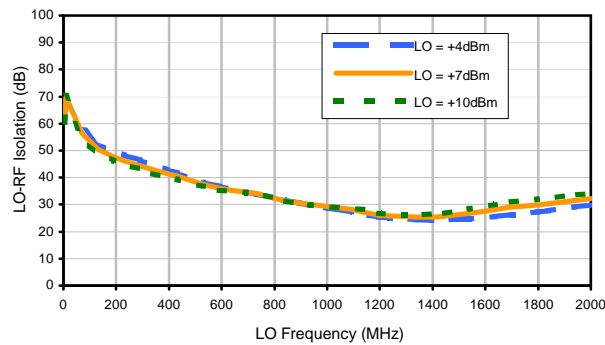


Compression @ RF IN=+1dBm

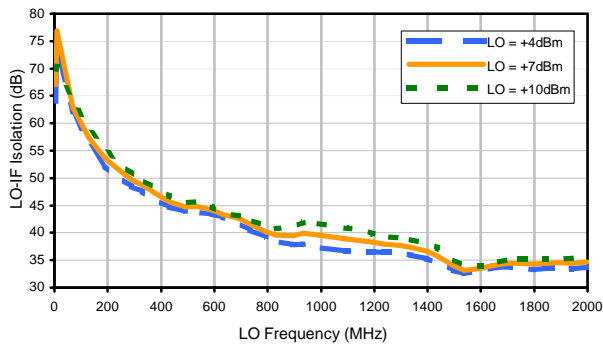


Typical Performance Curves

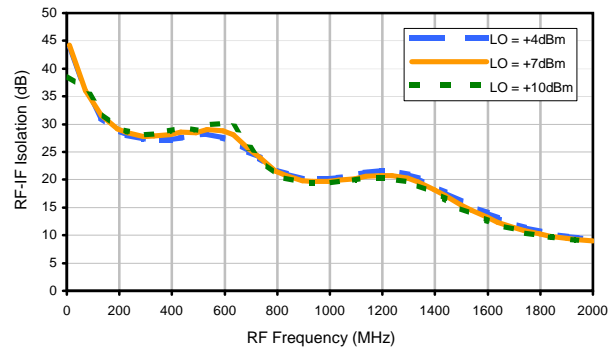
LO-RF Isolation



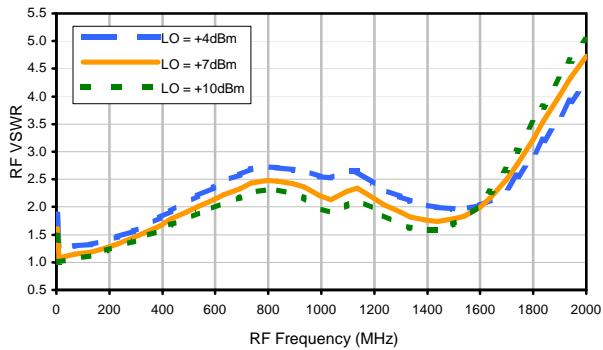
LO-IF Isolation



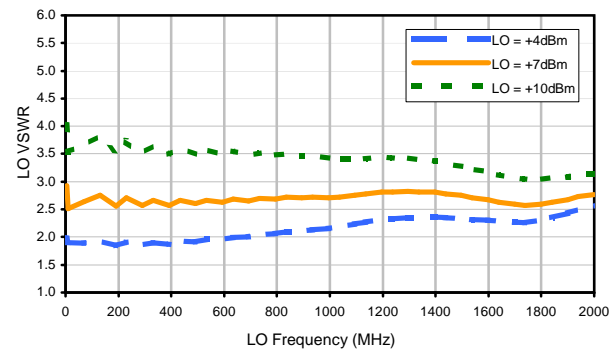
RF-IF Isolation



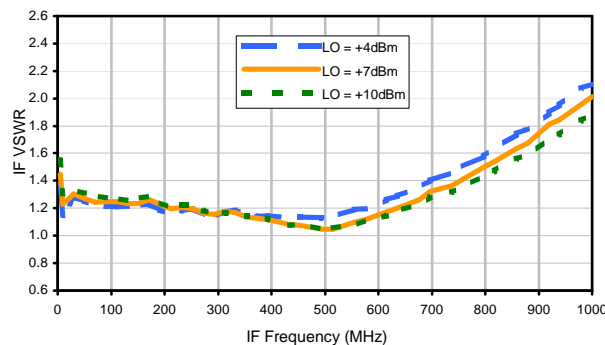
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	12	43	28	34	18	37	40	63	63	55
1	-	16	+0	31	11	40	47	33	40	54	54	66
2	>100	72	54	70	52	62	65	75	56	68	71	>80
3	>100	66	55	63	54	61	53	73	77	66	67	>80
4	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
5	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
6	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
7	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
8	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
9	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
10	>100	>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: 750.1 MHz; -14.00 dBm.
 LO IN: 780.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -20.49 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	21	55	37	45	29	54	49	72	68	66
1	-	16	+0	32	12	39	44	38	49	57	63	67
2	93	74	52	57	47	56	65	67	49	60	75	85
3	>100	50	40	50	38	49	39	72	63	51	54	79
4	>100	>90	69	72	62	76	61	71	75	82	66	83
5	>100	76	74	72	57	61	54	59	54	72	83	67
6	>100	>90	>90	>90	84	82	77	78	74	77	85	>90
7	>100	89	>90	>90	>90	89	75	78	72	72	71	87
8	>100	>90	>90	>90	>90	>90	>90	>90	87	87	86	88
9	>100	>90	>90	>90	>90	>90	>90	>90	86	>90	84	85
10	>100	>90	>90	>90	>90	>90	>90	>90	>90	>90	>90	>90
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 750.1 MHz; -4.00 dBm.
 LO IN: 780.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -10.48 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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Page 3 of 3



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