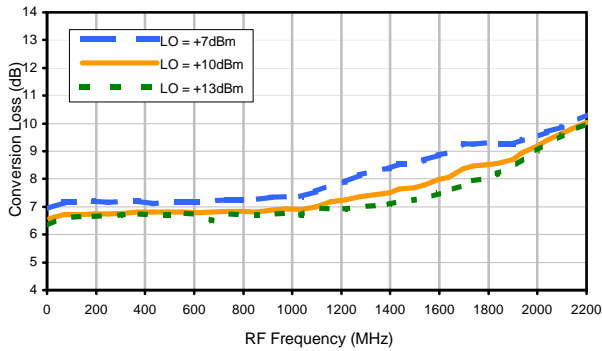
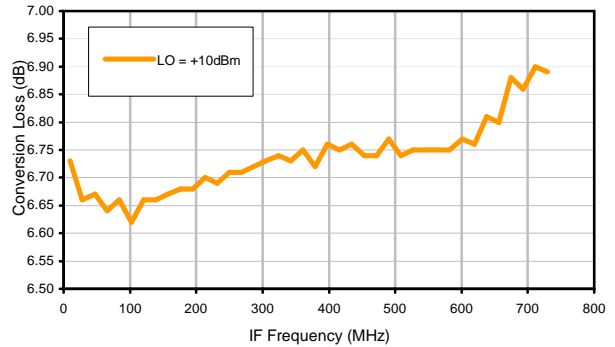


Typical Performance Curves

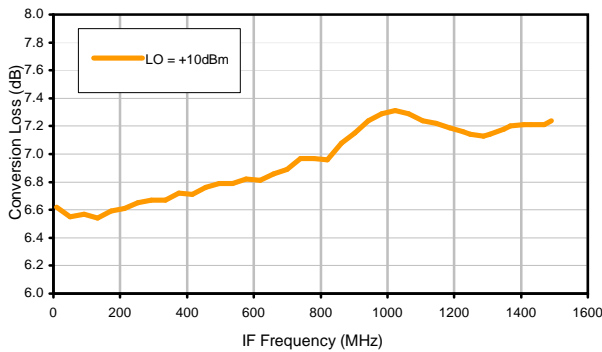
Conversion Loss @ IF=30MHz



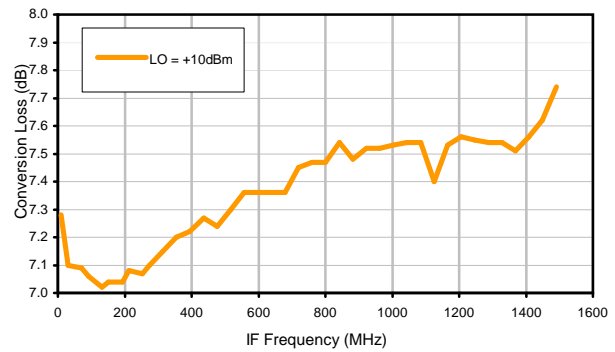
Conversion Loss vs. IF @ RF=750.1MHz



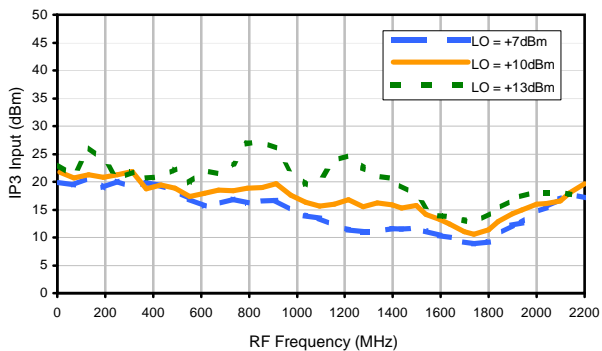
Conversion Loss vs. IF @ RF=10.1MHz



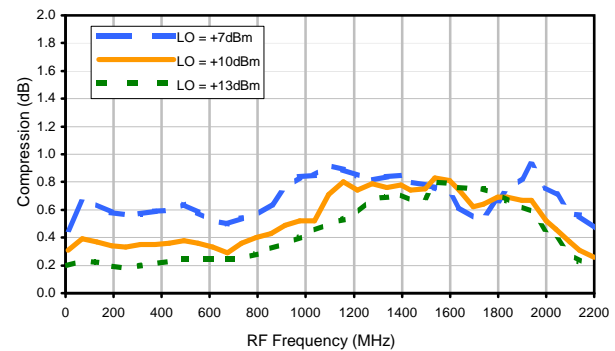
Conversion Loss vs. IF @ RF=1500.1MHz



IP3 Input

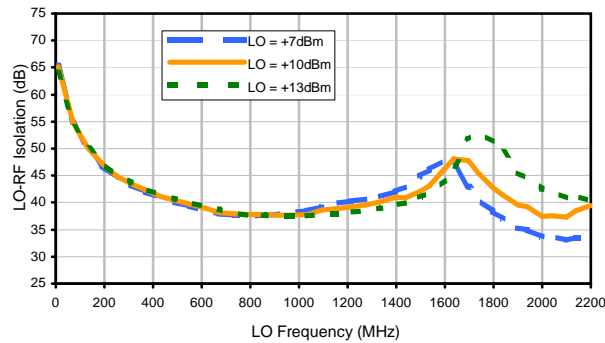


Compression @ RF IN=+5dBm

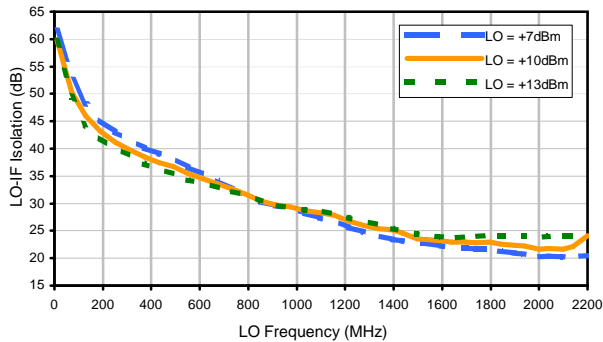


Typical Performance Curves

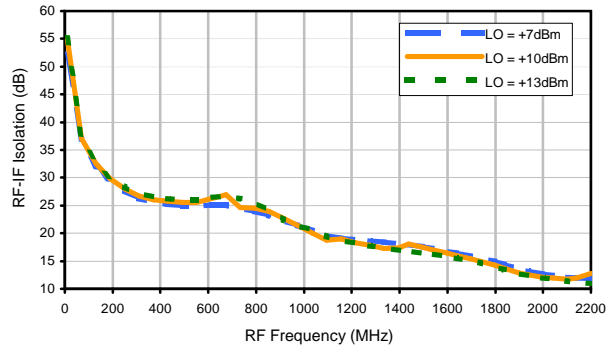
LO-RF Isolation



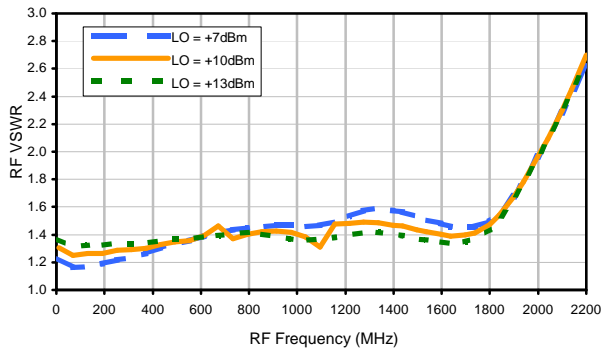
LO-IF Isolation



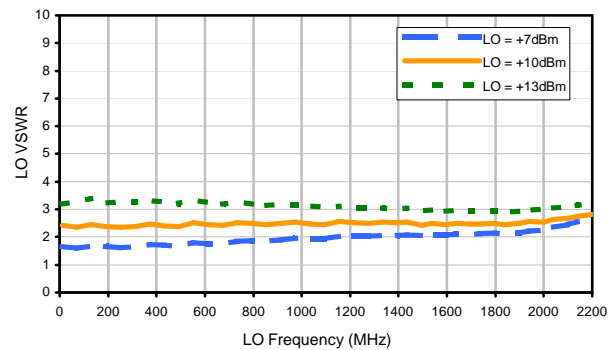
RF-IF Isolation



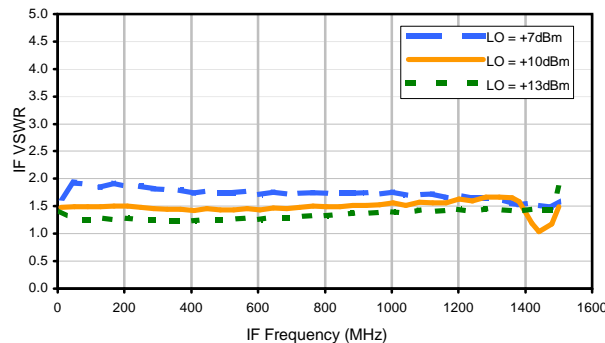
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	15	27	21	37	30	42	39	60	72	76
1	-	19	+0	30	14	43	26	40	49	41	60	61
2	86	57	39	57	38	65	39	52	52	57	53	72
3	>100	48	50	49	47	57	43	58	55	57	59	54
4	>100	81	63	71	61	72	65	87	61	72	70	63
5	>100	73	65	68	57	66	55	65	55	63	59	69
6	>100	>93	92	86	79	83	72	77	68	77	66	75
7	>100	83	88	86	82	>93	84	85	81	82	79	84
8	>100	>93	>93	>93	>93	>93	88	>93	88	91	87	93
9	>100	>93	>93	>93	>93	>93	91	>93	88	92	87	>93
10	>100	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 750.1 MHz; 0.00 dBm.
 LO IN: 780.01 MHz; +10.00 dBm
 IF OUT: 29.91 MHz; -6.9 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	5	17	9	25	19	29	25	53	52	56
1	-	19	+0	31	14	41	26	36	48	35	52	54
2	99	65	46	67	46	80	47	62	58	60	66	66
3	>100	66	63	66	59	68	58	67	63	73	72	79
4	>100	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
5	>100	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
6	>100	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
7	>100	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
8	>100	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
9	>100	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
10	>100	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 750.1 MHz; -10.00 dBm.
 LO IN: 780.01 MHz; +10.00 dBm
 IF OUT: 29.91 MHz; -16.92 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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