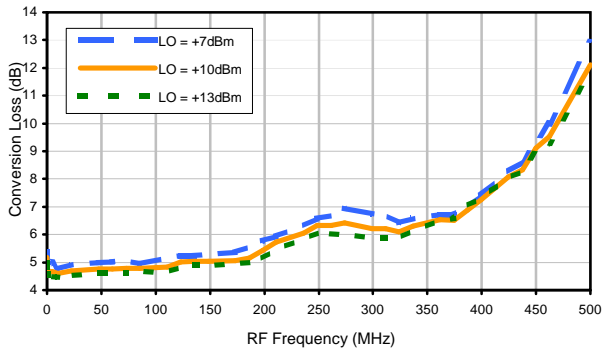
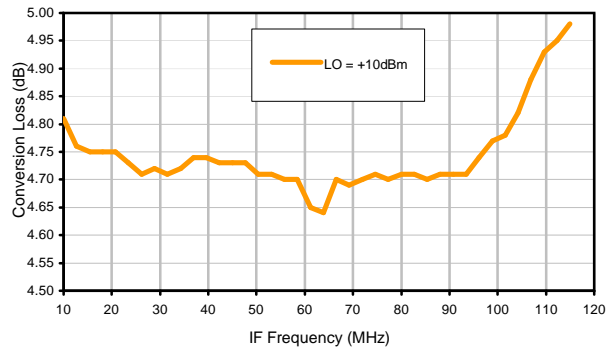


Typical Performance Curves

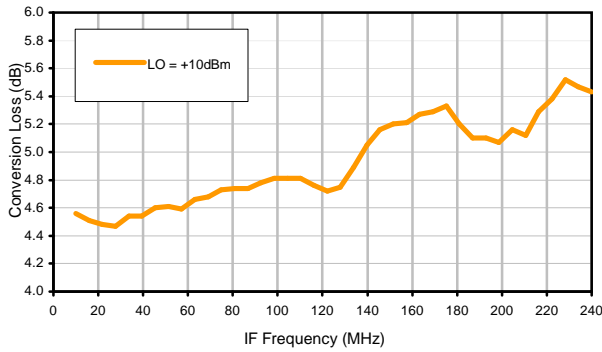
Conversion Loss @ IF=30MHz



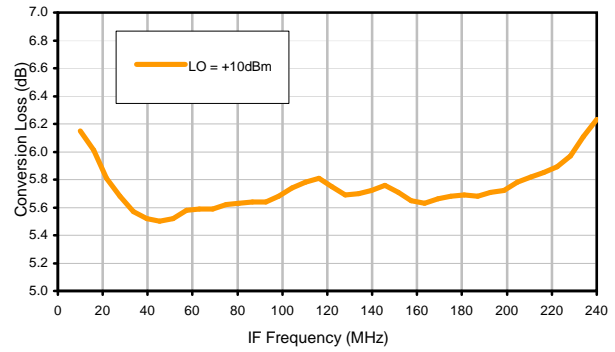
Conversion Loss vs. IF @ RF=125.1MHz



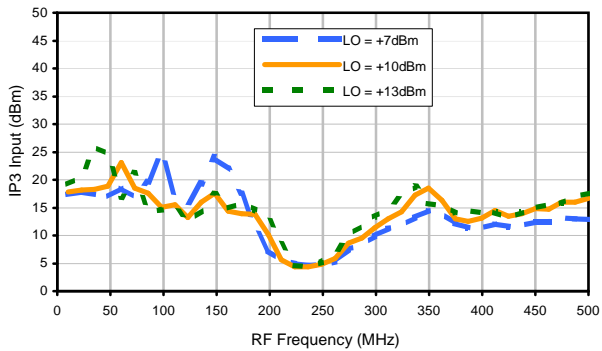
Conversion Loss vs. IF @ RF=10.1MHz



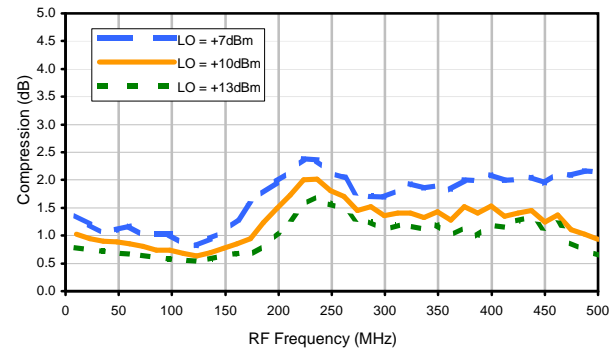
Conversion Loss vs. IF @ RF=250.1MHz



IP3 Input

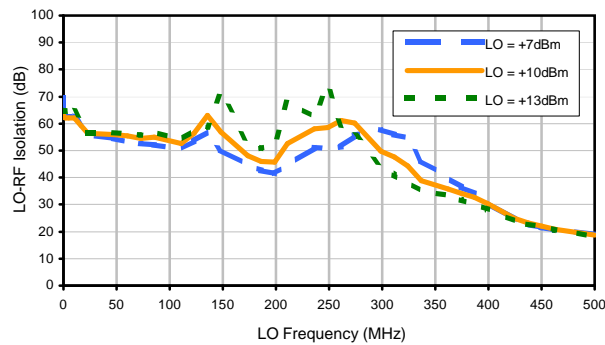


Compression @ RF IN=+5dBm

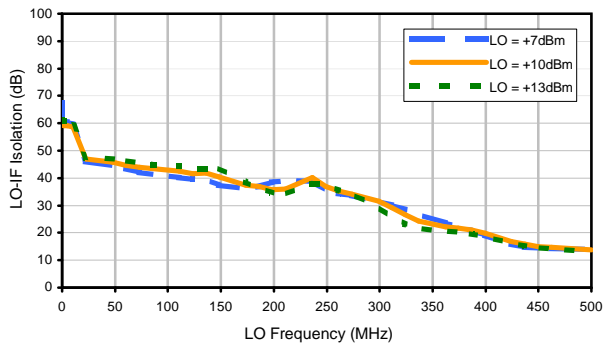


Typical Performance Curves

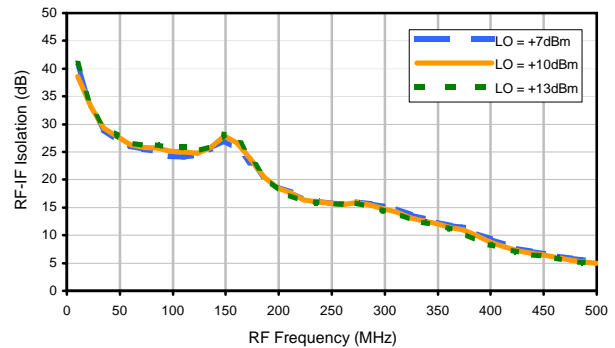
LO-RF Isolation



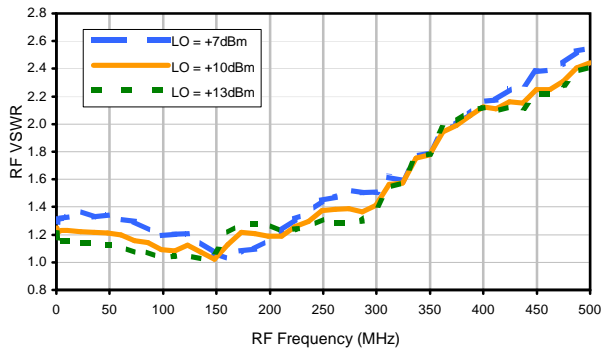
LO-IF Isolation



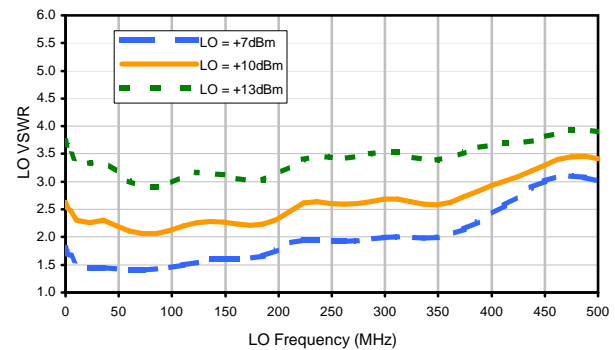
RF-IF Isolation



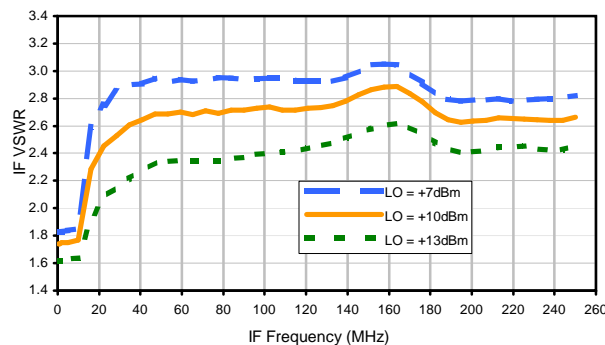
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	36	23	32	34	28	56	44	61	44	67
1	-	20	+0	34	15	29	42	33	71	42	61	41
2	93	47	68	45	67	46	59	55	46	65	60	65
3	>100	35	33	42	37	46	35	41	54	45	68	61
4	>100	57	58	60	67	63	74	69	69	67	64	72
5	>100	57	65	55	46	55	45	73	47	57	65	60
6	>100	74	80	67	71	69	72	65	70	69	73	77
7	>100	68	75	68	63	64	57	61	53	64	64	64
8	>100	91	89	87	78	72	85	76	85	80	80	79
9	>100	86	82	88	78	73	74	67	68	66	66	70
10	>100	>95	>95	89	90	91	89	80	86	55	83	85
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 120.1 MHz; 0.00 dBm.
 LO IN: 150.01 MHz; +10.00 dBm
 IF OUT: 29.91 MHz; -5.29 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	26	12	22	22	15	39	31	44	34	54
1	-	18	+0	34	15	23	36	28	48	36	54	39
2	>100	63	55	54	59	56	57	64	55	65	63	64
3	>100	53	51	60	48	59	47	61	63	67	65	59
4	>100	83	>84	73	76	71	>84	81	>84	82	74	>84
5	>100	>84	77	80	68	55	70	>84	82	74	>84	73
6	>100	>84	>84	>84	>84	>84	77	>84	>84	>84	>84	>84
7	>100	>84	>84	>84	>84	>84	>84	79	>84	>84	>84	>84
8	>100	>84	>84	>84	>84	>84	>84	83	83	>84	>84	>84
9	>100	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
10	>100	>84	>84	>84	>84	>84	>84	>84	>84	55	>84	>84
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 120.1 MHz; -10.00 dBm.
 LO IN: 150.01 MHz; +10.00 dBm
 IF OUT: 29.91 MHz; -15.69 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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