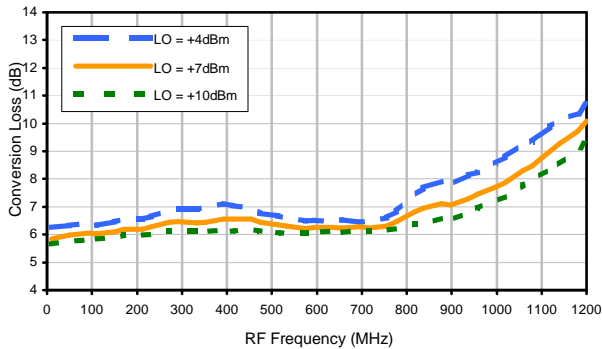
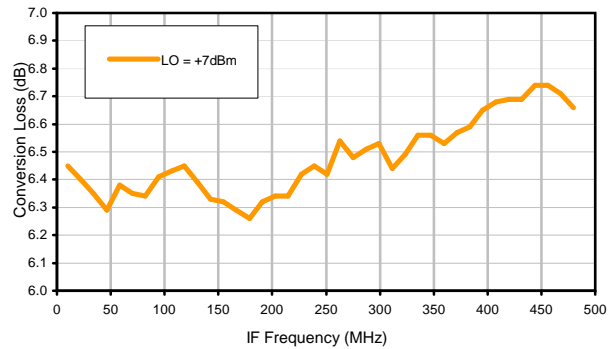


Typical Performance Curves

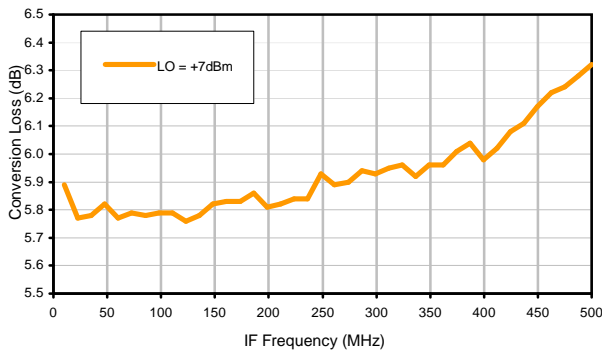
Conversion Loss @ IF=30MHz



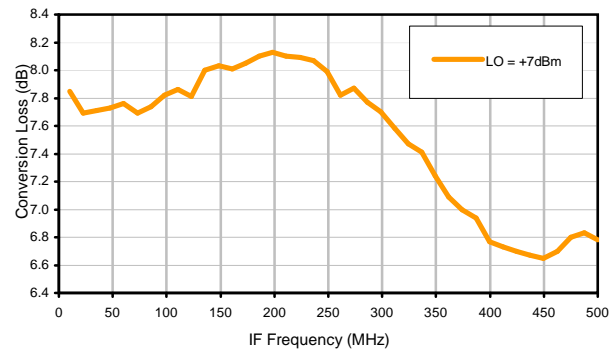
Conversion Loss vs. IF @ RF=500.1MHz



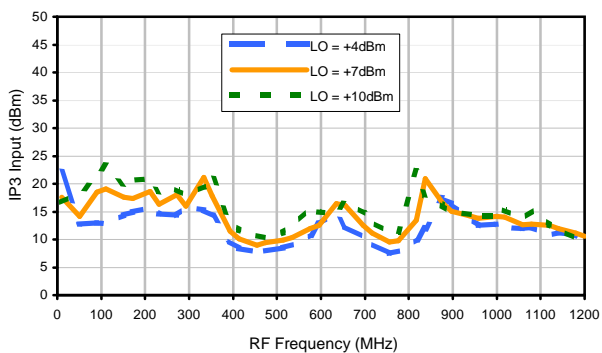
Conversion Loss vs. IF @ RF=10.1MHz



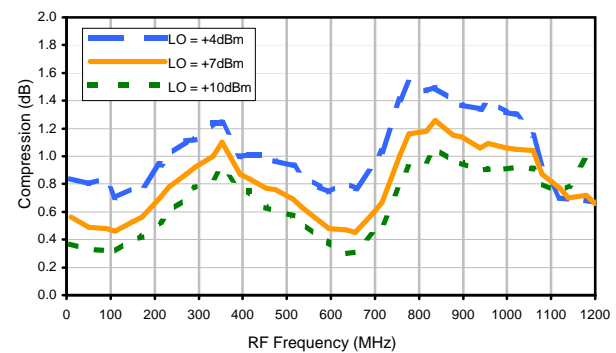
Conversion Loss vs. IF @ RF=1000.1MHz



IP3 Input

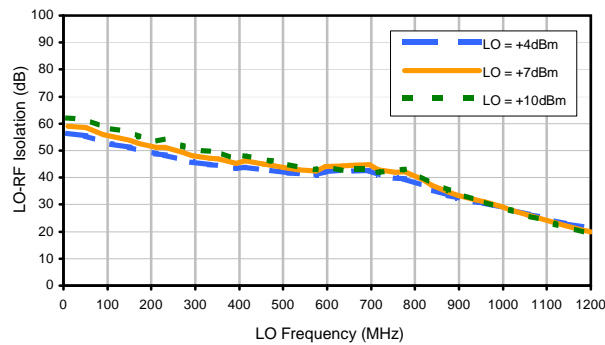


Compression @ RF IN=+1dBm

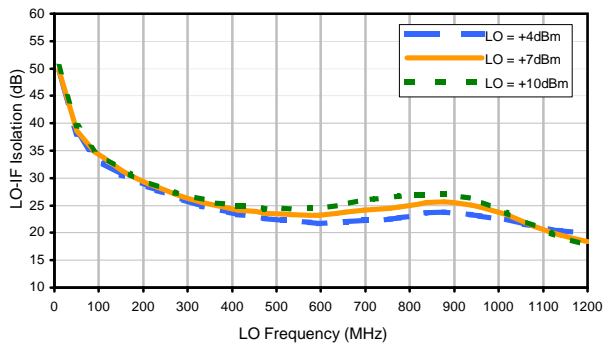


Typical Performance Curves

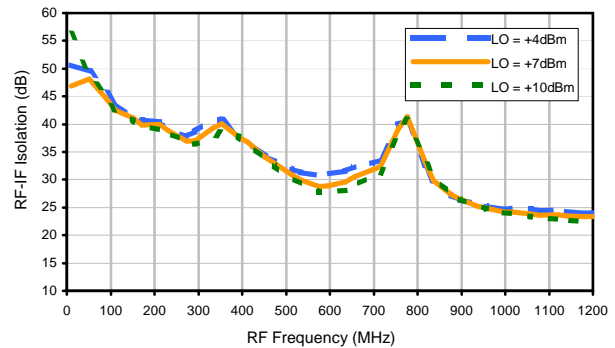
LO-RF Isolation



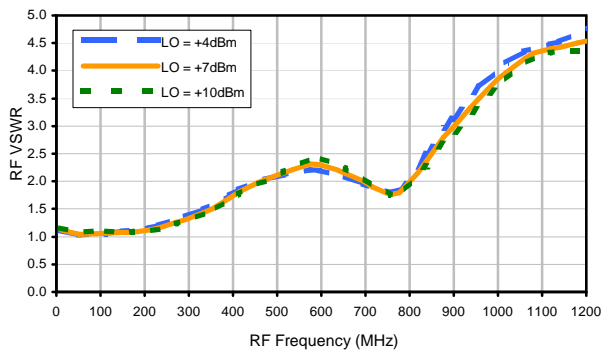
LO-IF Isolation



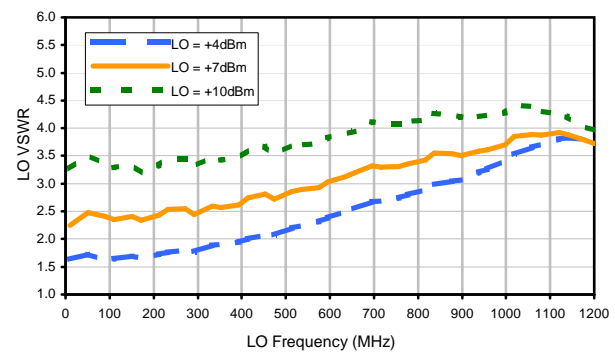
RF-IF Isolation



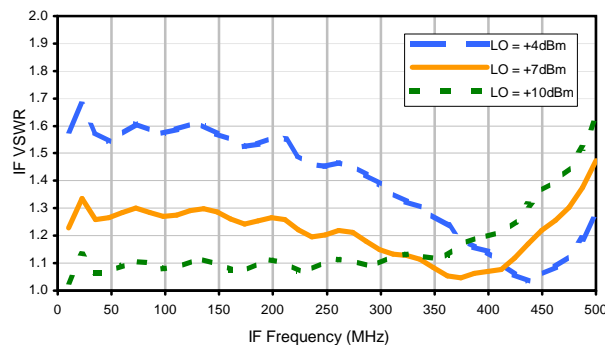
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+4	25	30	47	41	35	36	52	54	68
1	-	25	+0	37	19	43	49	53	50	45	60	71
2	>100	63	45	65	45	70	57	>80	66	62	65	76
3	>100	>80	65	68	58	69	69	>80	>80	>80	79	77
4	>100	>80	>80	>80	72	78	73	>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: 500.1 MHz; -14.00 dBm.
 LO IN: 530.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -20.5 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	6	35	44	58	50	51	53	80	88	79
1	-	24	+0	45	20	45	51	58	59	55	76	88
2	97	56	40	56	40	62	53	77	67	58	62	77
3	>100	56	45	56	40	54	51	70	70	71	68	66
4	>100	>89	62	72	50	69	51	73	67	87	74	68
5	>100	>89	>89	76	64	69	57	73	65	>89	82	86
6	>100	89	89	>89	73	76	62	74	64	>89	80	>89
7	>100	>89	>89	>89	>89	>89	83	82	77	85	86	>89
8	>100	>89	>89	>89	>89	>89	86	86	74	81	77	>89
9	>100	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89	>89
10	>100	>89	>89	>89	>89	>89	>89	>89	>89	>89	88	89
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 500.1 MHz; -4.00 dBm.
 LO IN: 530.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -10.54 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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