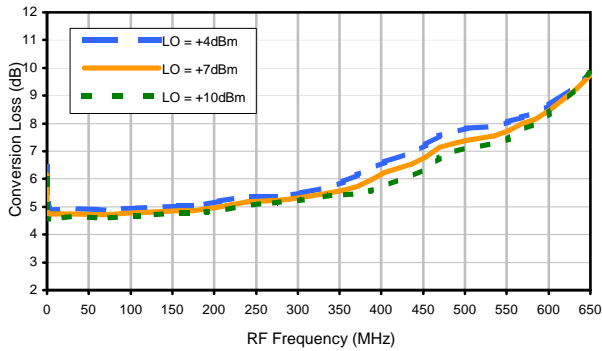
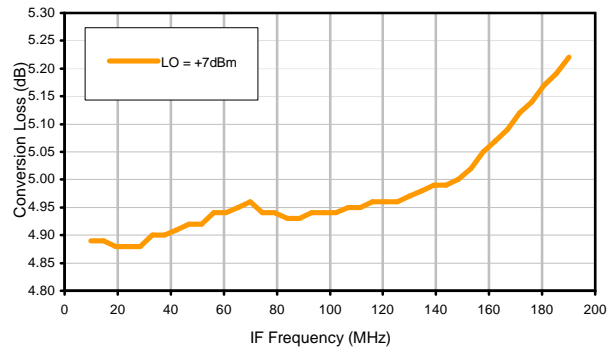


Typical Performance Curves

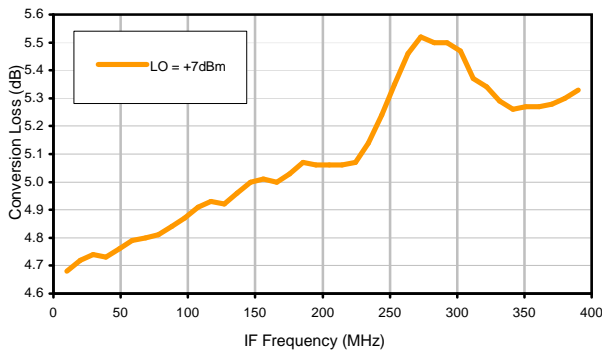
Conversion Loss @ IF=30MHz



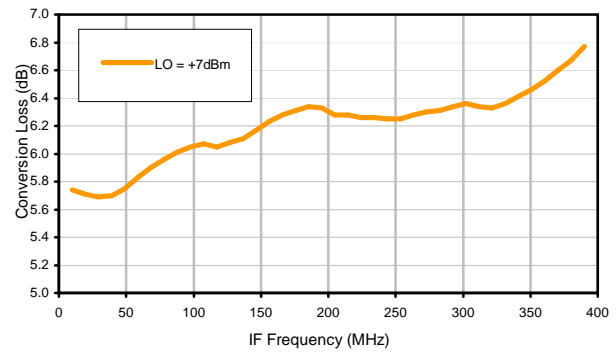
Conversion Loss vs. IF @ RF=200.1MHz



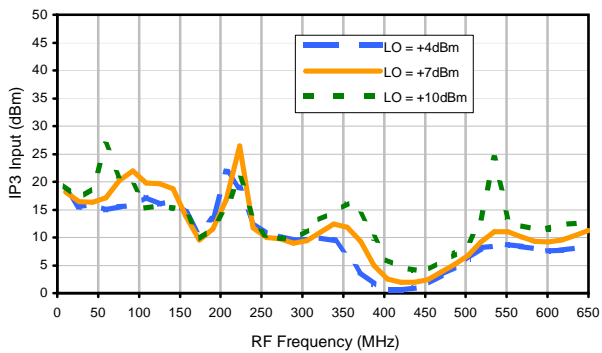
Conversion Loss vs. IF @ RF=10.1MHz



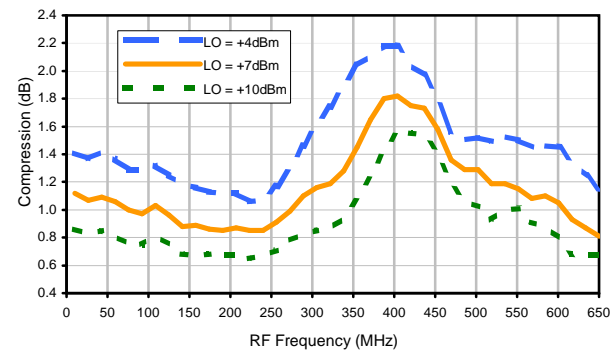
Conversion Loss vs. IF @ RF=400.1MHz



IP3 Input

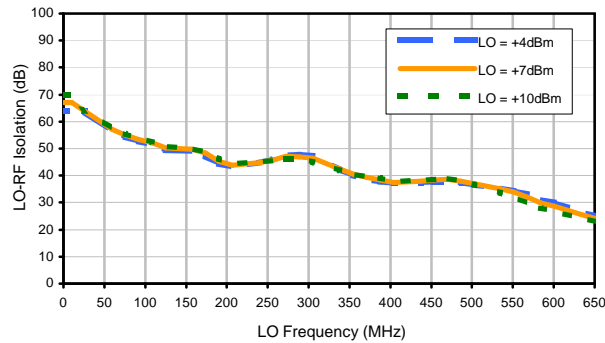


Compression @ RF IN=+1dBm

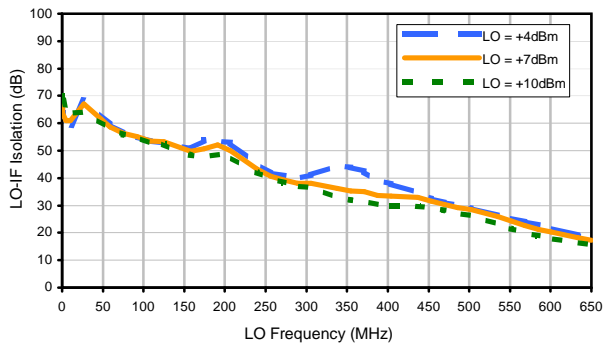


Typical Performance Curves

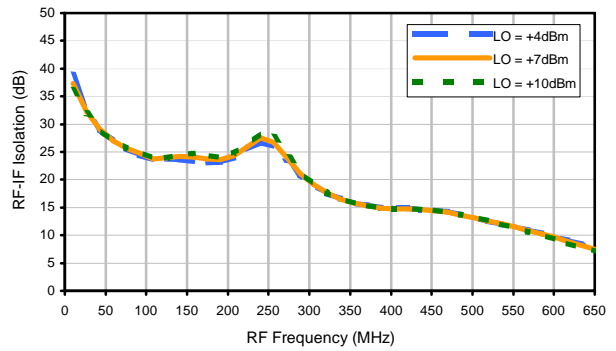
LO-RF Isolation



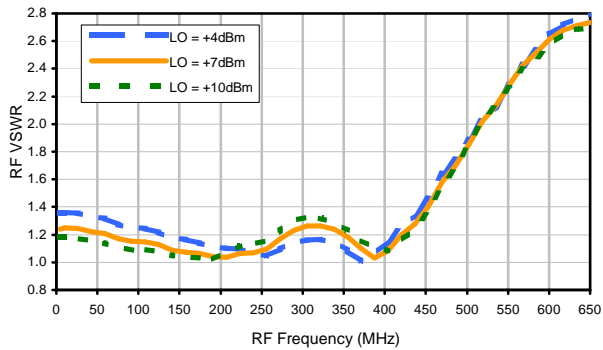
LO-IF Isolation



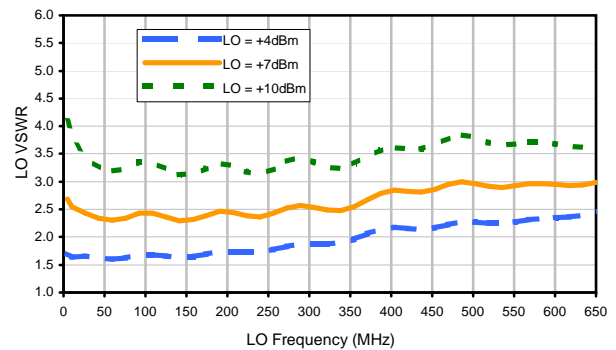
RF-IF Isolation



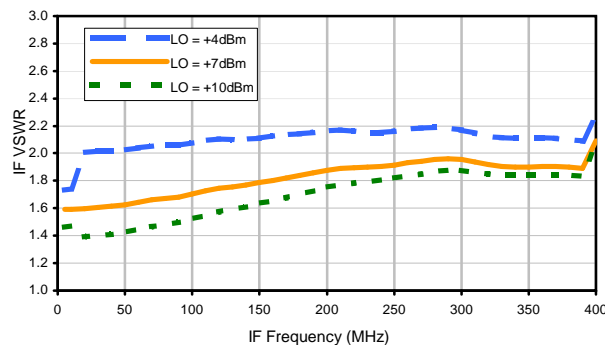
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	20	30	13	34	17	36	27	38	38	44
1	-	19	+0	25	11	39	23	43	39	40	37	42
2	>100	59	55	56	56	58	49	61	54	77	62	79
3	>100	68	64	66	68	71	66	69	73	72	65	69
4	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
5	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
6	>100	>81	>81	>81	>81	>81	78	>81	>81	>81	>81	>81
7	>100	>81	>81	>81	>81	>81	>81	66	>81	>81	>81	>81
8	>100	>81	>81	>81	>81	>81	>81	>81	61	>81	>81	>81
9	>100	>81	>81	>81	>81	>81	>81	>81	>81	51	>81	>81
10	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	79	>81
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 200.1 MHz; -14.00 dBm.
 LO IN: 230.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -19.03 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	29	39	24	52	28	50	39	52	52	58
1	-	20	+0	26	12	36	24	50	38	48	46	50
2	97	55	51	53	51	54	46	56	50	70	55	62
3	>100	52	39	45	41	45	37	54	49	54	54	51
4	>100	67	68	65	64	64	65	64	56	72	65	80
5	>100	71	60	67	55	74	52	84	53	63	63	67
6	>100	89	82	82	81	81	75	80	78	79	78	85
7	>100	>91	89	84	82	76	70	74	65	72	62	89
8	>100	>91	>91	>91	>91	87	>91	>91	75	87	87	91
9	>100	>91	89	89	88	>91	78	86	82	67	83	87
10	>100	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91	>91
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 200.1 MHz; -4.00 dBm.
 LO IN: 230.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -9.07 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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