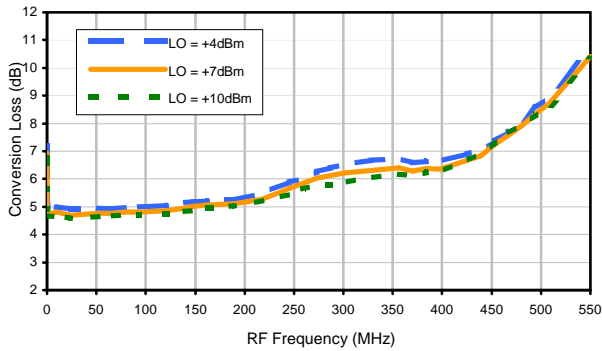
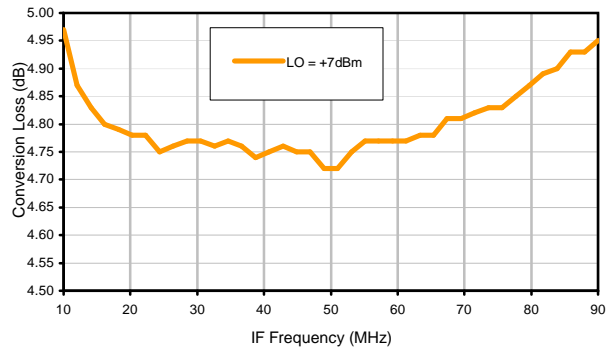


Typical Performance Curves

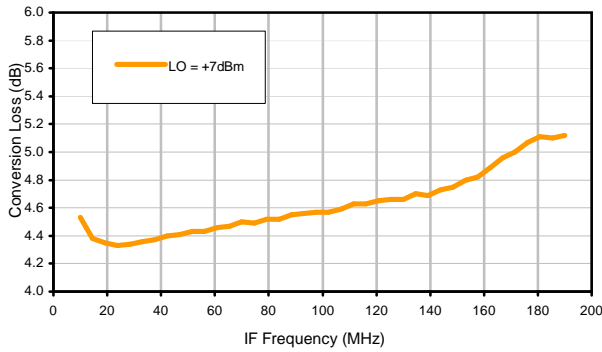
Conversion Loss @ IF=30MHz



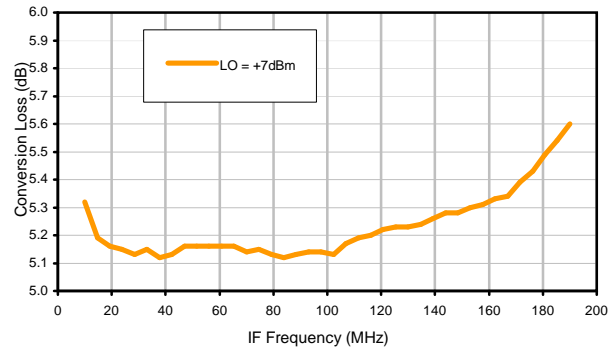
Conversion Loss vs. IF @ RF=100.1MHz



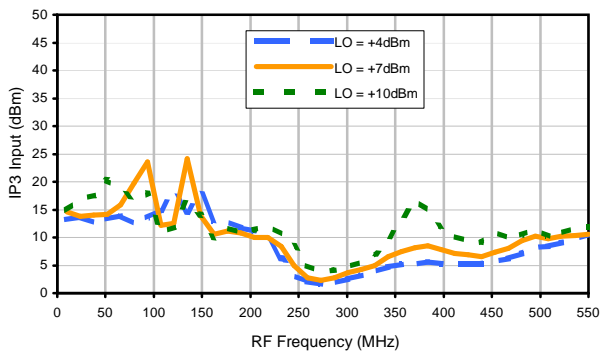
Conversion Loss vs. IF @ RF=10.1MHz



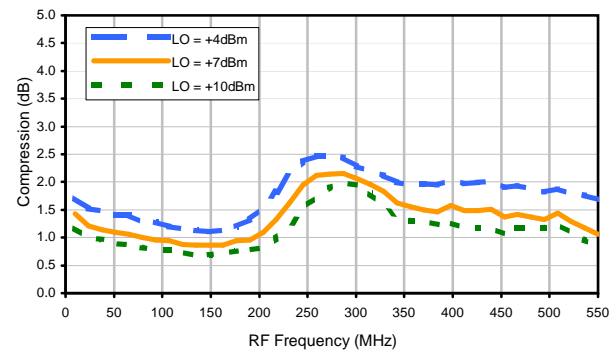
Conversion Loss vs. IF @ RF=200.1MHz



IP3 Input

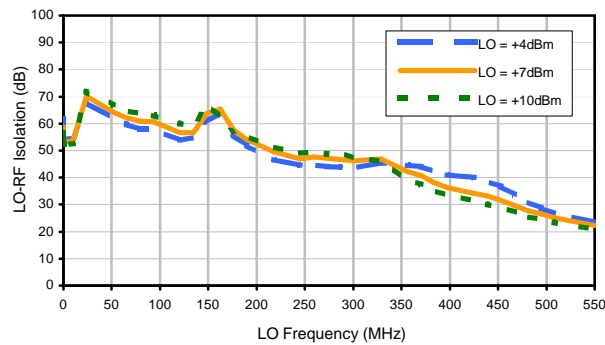


Compression @ RF IN=+1dBm

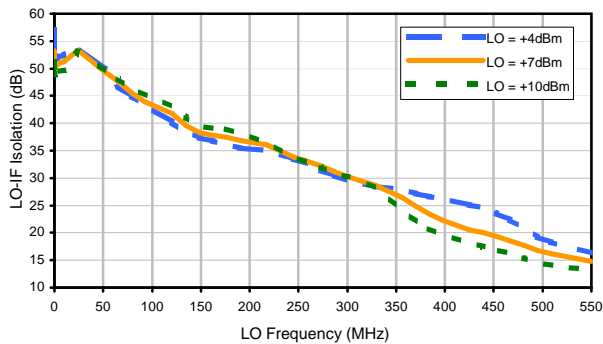


Typical Performance Curves

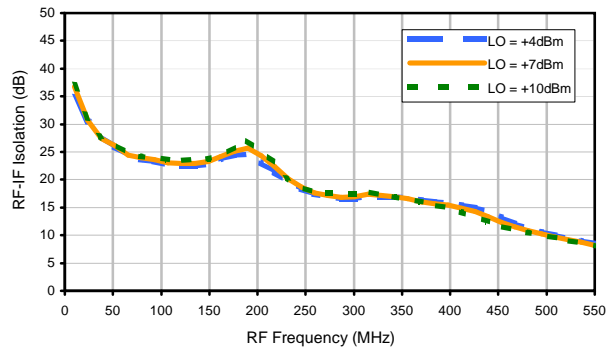
LO-RF Isolation



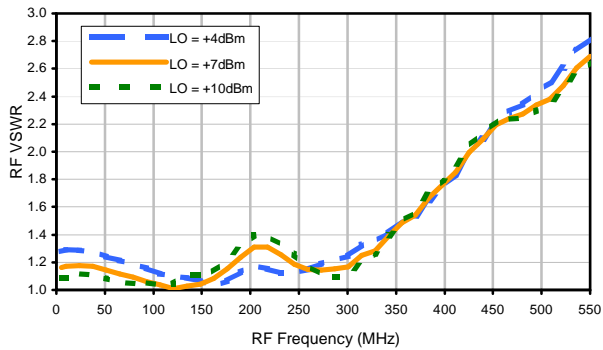
LO-IF Isolation



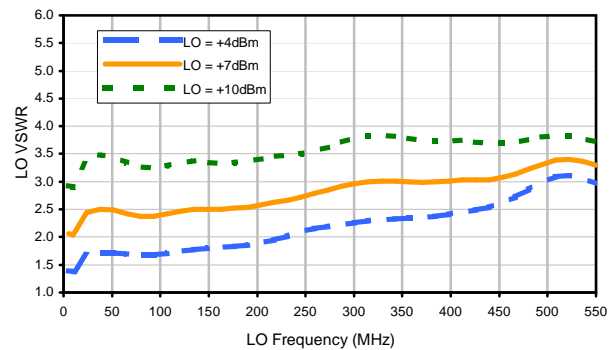
RF-IF Isolation



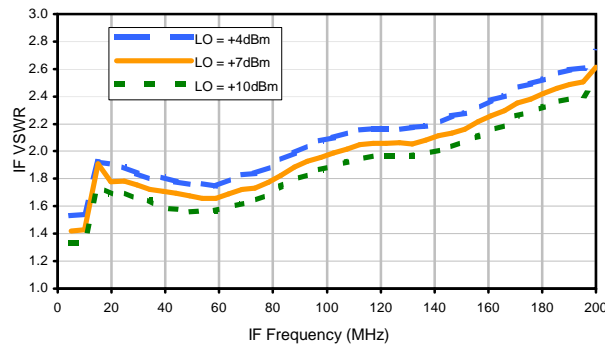
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	15	41	18	32	21	44	29	44	32	60
1	-	19	+0	29	13	46	18	35	35	47	37	66
2	>100	67	59	68	68	72	62	79	>81	>81	61	79
3	>100	61	54	65	64	65	58	64	65	67	57	77
4	>100	81	78	>81	66	>81	78	>81	72	>81	77	>81
5	>100	>81	>81	>81	80	70	>81	>81	>81	>81	81	>81
6	>100	>81	>81	>81	>81	>81	77	>81	>81	>81	>81	>81
7	>100	>81	>81	>81	>81	>81	77	>81	>81	>81	>81	>81
8	>100	>81	>81	>81	>81	>81	>81	74	>81	>81	>81	>81
9	>100	>81	>81	>81	>81	>81	>81	>81	76	>81	>81	>81
10	>100	>81	>81	>81	>81	>81	>81	>81	>81	68	>81	>81
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 100.1 MHz; -14.00 dBm.
 LO IN: 130.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -18.74 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	25	50	29	43	32	57	43	57	44	71
1	-	19	+0	29	12	42	20	40	36	52	44	70
2	>100	66	59	65	60	76	51	61	58	69	56	70
3	>100	45	40	51	40	49	39	50	43	51	53	61
4	>100	75	63	78	63	72	63	76	72	84	81	85
5	>100	71	73	73	67	72	59	67	65	63	69	67
6	>100	90	76	82	76	88	79	81	79	80	84	84
7	>100	86	69	81	74	81	76	88	71	83	71	77
8	>100	>91	>91	>91	85	>91	86	80	>91	>91	89	88
9	>100	>91	>91	89	84	89	87	81	67	90	87	>91
10	>100	>91	>91	>91	>91	>91	>91	>91	>91	75	>91	>91
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 100.1 MHz; -4.00 dBm.
 LO IN: 130.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -8.95 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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