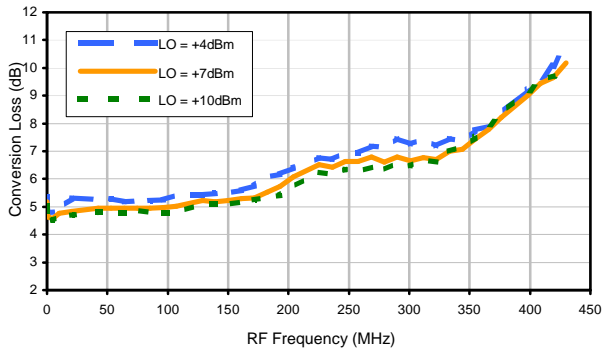
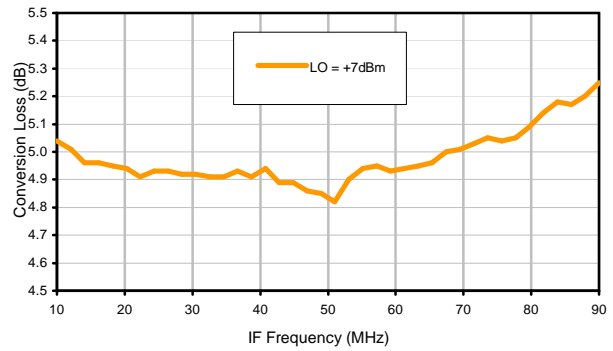


Typical Performance Curves

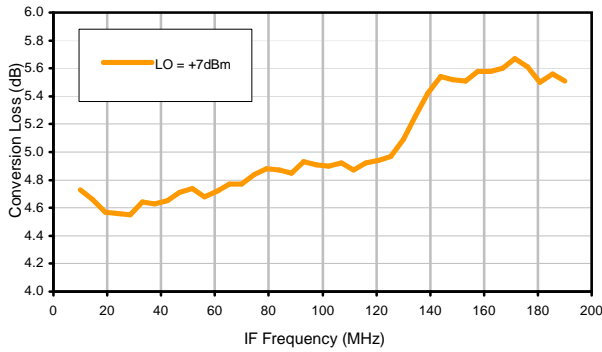
Conversion Loss @ IF=30MHz



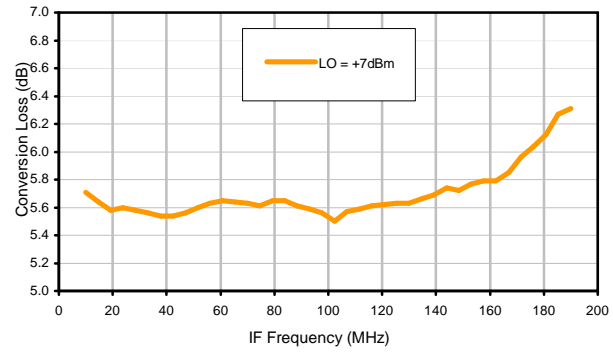
Conversion Loss vs. IF @ RF=100.1MHz



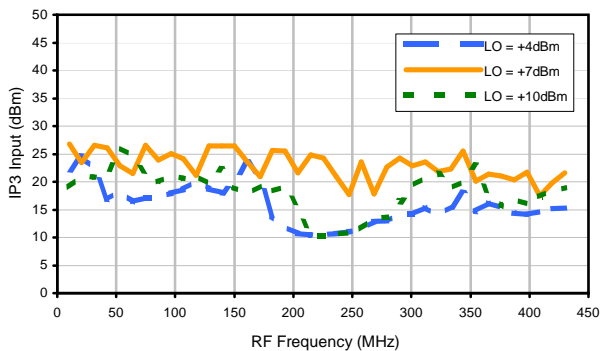
Conversion Loss vs. IF @ RF=10.1MHz



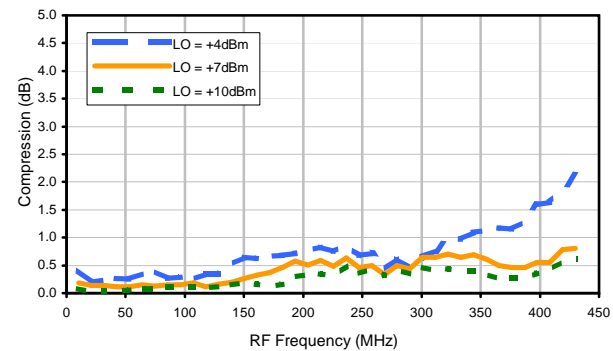
Conversion Loss vs. IF @ RF=200.1MHz



IP3 Input

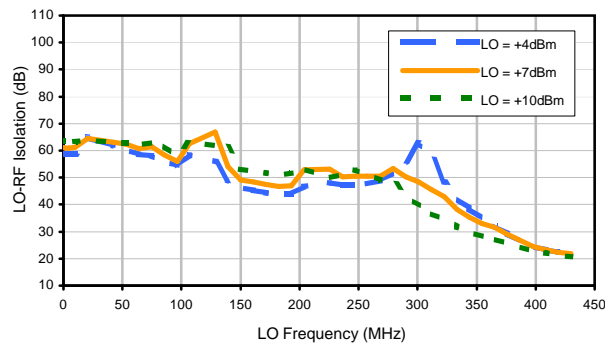


Compression @ RF IN=+1dBm

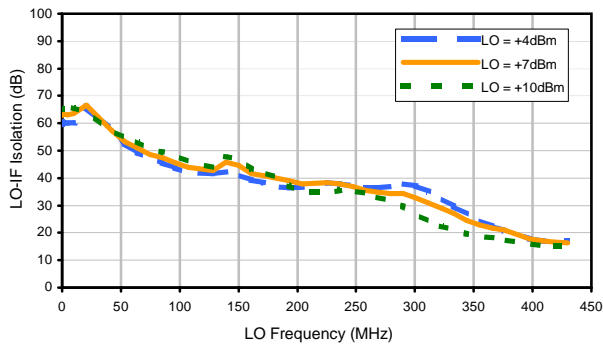


Typical Performance Curves

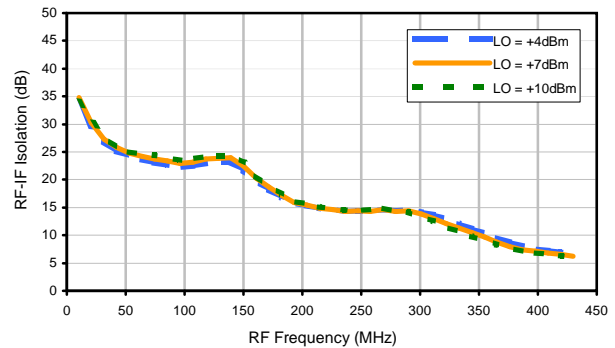
LO-RF Isolation



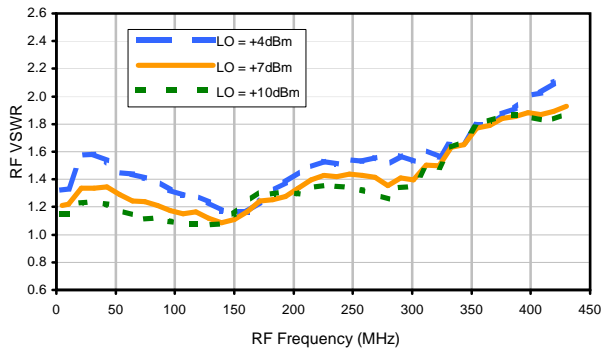
LO-IF Isolation



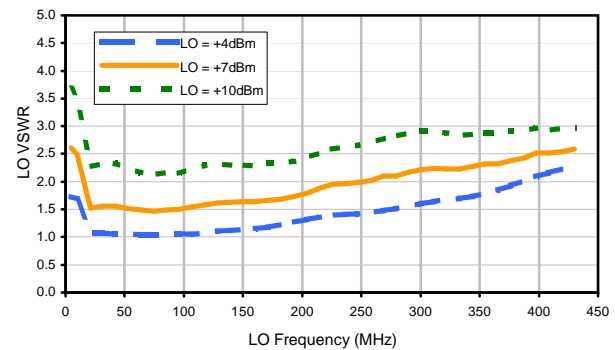
RF-IF Isolation



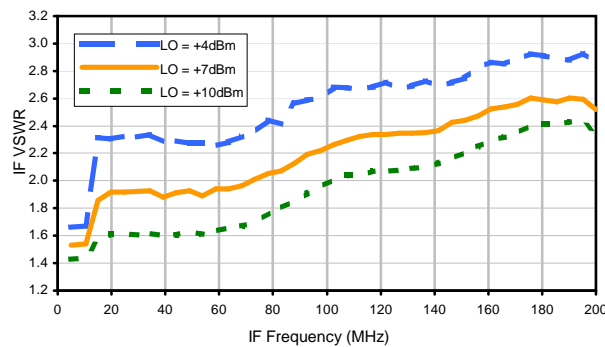
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	16	30	14	30	19	40	30	49	48	53
1	-	17	+0	25	12	29	26	38	36	47	34	57
2	>100	59	55	59	54	57	59	76	57	64	70	70
3	>100	60	59	61	61	66	60	64	61	75	60	>81
4	>100	>81	77	>81	74	>81	79	78	>81	>81	>81	>81
5	>100	>81	>81	>81	>81	>81	>81	>81	79	>81	>81	>81
6	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
7	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
8	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
9	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
10	>100	>81	>81	>81	>81	>81	>81	>81	>81	>81	>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; -18.96 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	26	40	23	39	31	53	43	71	66	75
1	-	18	+0	27	13	32	25	40	39	49	43	61
2	92	52	48	54	49	52	58	62	51	65	59	70
3	>100	45	41	48	47	49	48	49	54	57	53	66
4	>100	73	63	68	65	67	64	66	68	82	69	77
5	>100	70	68	64	66	65	58	64	59	66	63	76
6	>100	>91	84	84	74	81	74	75	75	77	79	83
7	>100	90	78	78	75	73	71	78	68	72	69	84
8	>100	>91	91	>91	85	84	84	84	81	83	89	87
9	>100	>91	88	>91	84	88	81	84	73	90	76	86
10	>100	>91	>91	>91	>91	>91	>91	>91	81	74	>91	89
	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; -9.03 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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