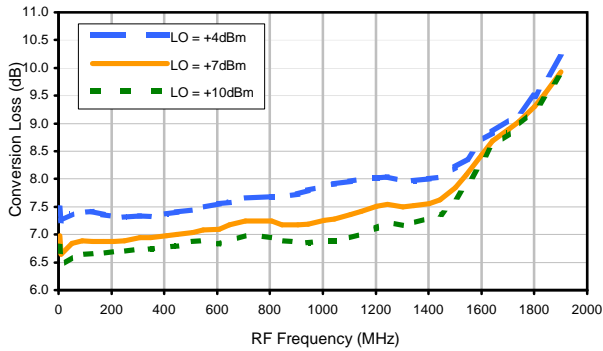
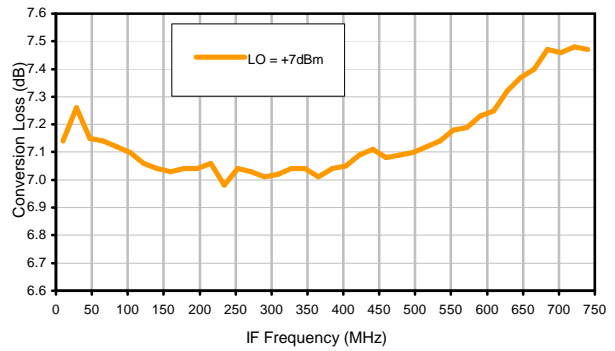


Typical Performance Curves

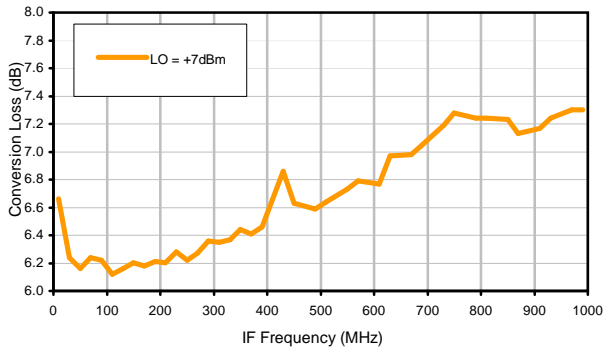
Conversion Loss @ IF=30MHz



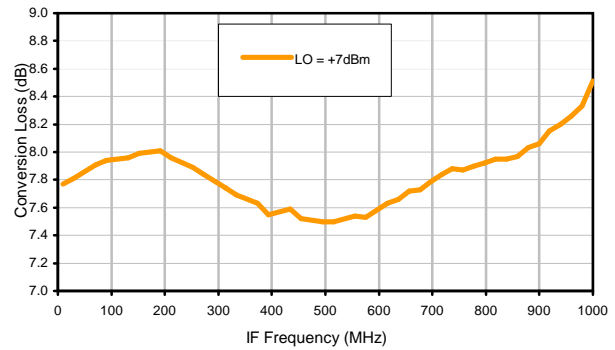
Conversion Loss vs. IF @ RF=750.1MHz



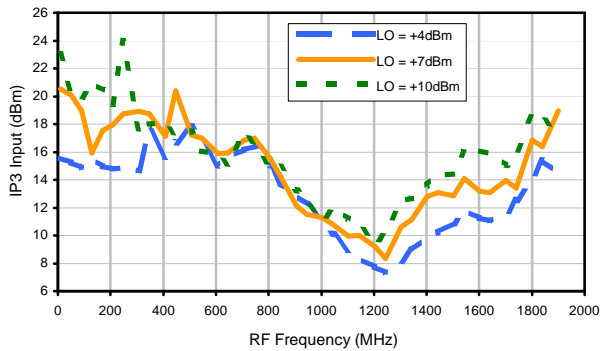
Conversion Loss vs. IF @ RF=10.1MHz



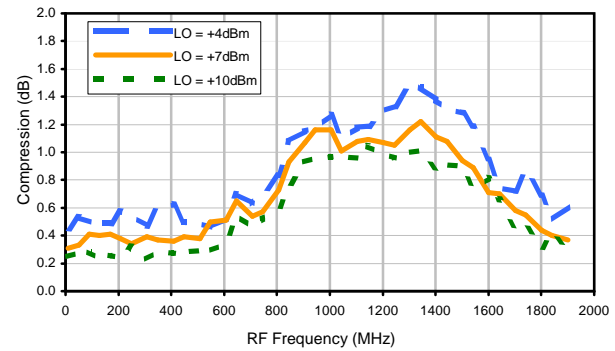
Conversion Loss vs. IF @ RF=1500.1MHz



IP3 Input

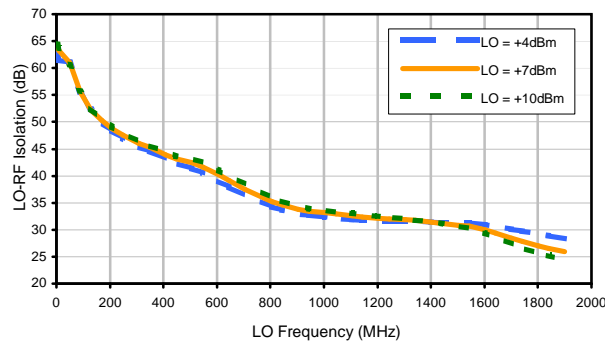


Compression @ RF IN=+1dBm

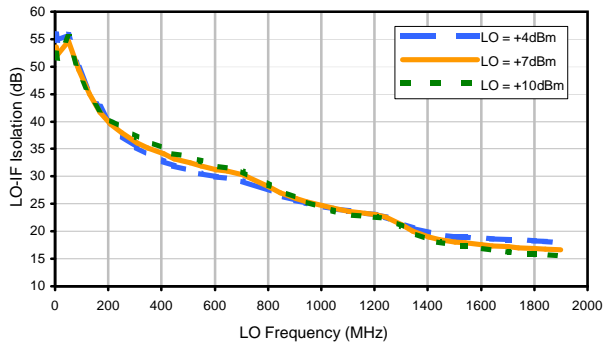


Typical Performance Curves

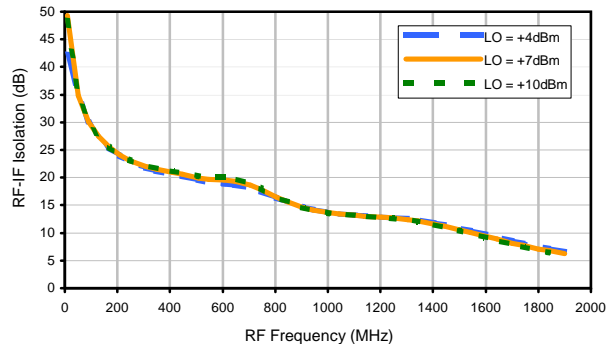
LO-RF Isolation



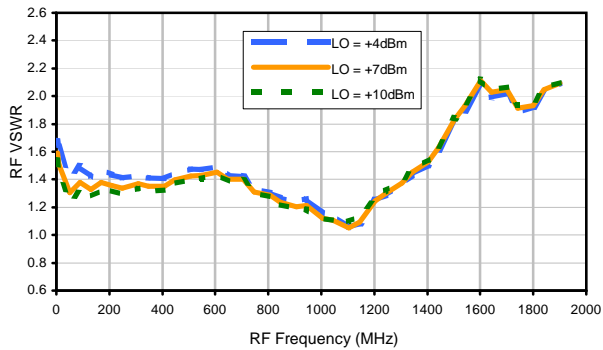
LO-IF Isolation



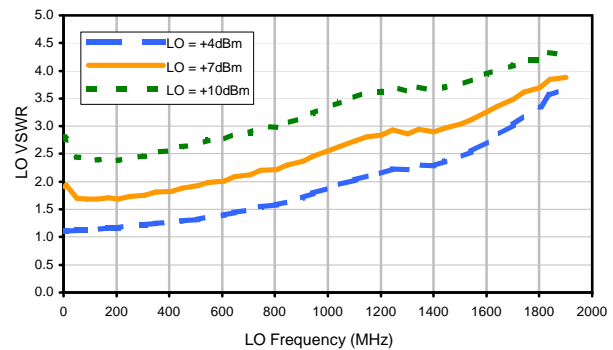
RF-IF Isolation



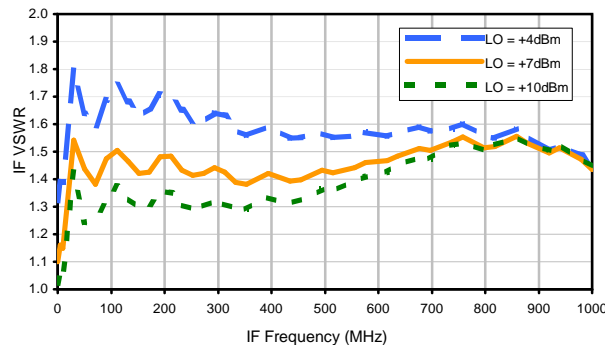
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+0	20	8	36	18	27	34	38	58	44
1	-	10	+0	27	14	39	33	41	47	38	59	48
2	124	63	48	59	50	59	51	62	63	61	69	64
3	117	68	79	67	67	68	65	86	79	77	81	82
4	118	96	90	91	83	81	83	91	90	92	92	94
5	116	107	103	130	110	95	86	104	100	99	102	105
6	119	102	109	100	99	119	104	83	119	102	114	112
7	114	101	103	114	115	125	100	95	102	109	109	109
8	109	99	103	114	110	97	110	101	97	91	101	106
9	117	95	106	112	107	106	102	109	108	95	97	98
10	114	99	98	102	122	111	107	102	104	110	104	96
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 750.1 MHz; -14.00 dBm.
 LO IN: 780.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -21.11 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	10	31	18	42	28	39	48	53	63	66
1	-	10	+0	28	14	42	33	46	56	43	67	54
2	89	51	37	47	39	48	42	57	71	54	67	60
3	116	47	60	49	50	50	47	65	61	60	63	59
4	115	78	71	69	58	61	58	77	61	70	64	64
5	114	73	76	73	66	66	62	72	64	73	71	75
6	111	91	87	91	88	78	70	71	70	72	72	78
7	122	92	97	94	107	87	78	78	78	79	85	89
8	106	110	104	99	102	116	92	91	83	82	82	93
9	113	121	111	116	109	104	105	103	107	105	94	97
10	105	111	113	111	130	111	114	116	106	99	99	98
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 750.1 MHz; -4.00 dBm.
 LO IN: 780.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -11.16 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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