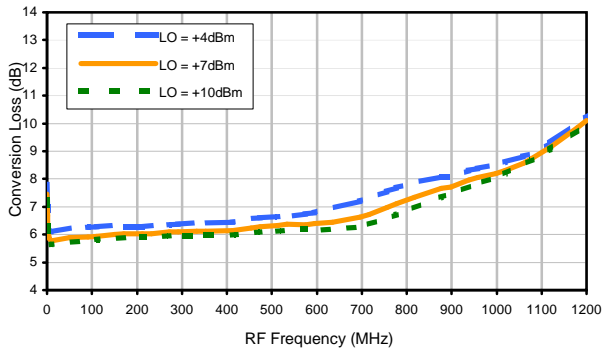
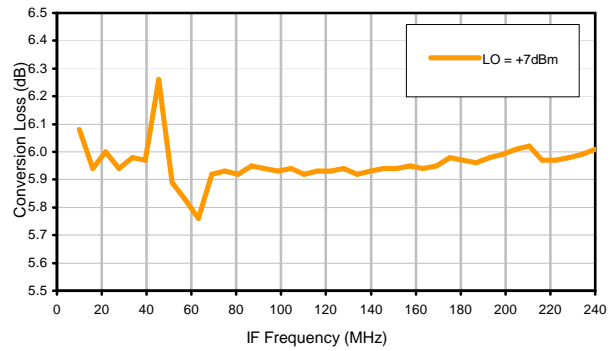


Typical Performance Curves

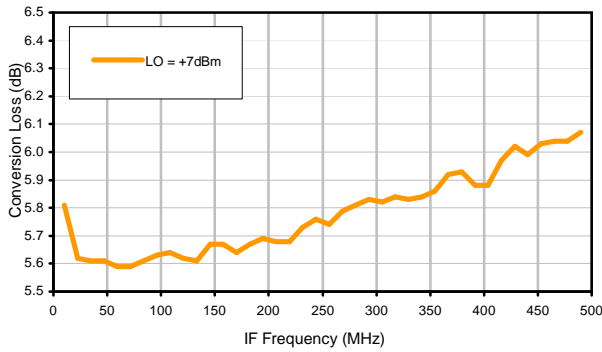
Conversion Loss @ IF=30MHz



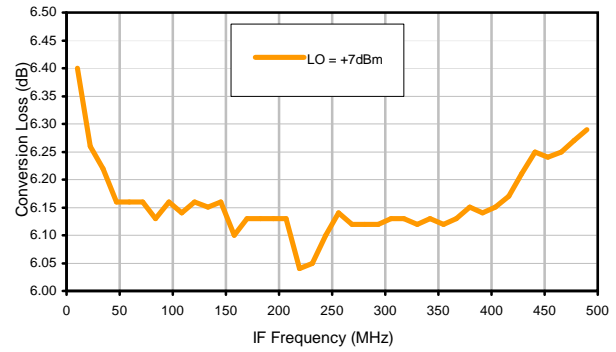
Conversion Loss vs. IF @ RF=250.1MHz



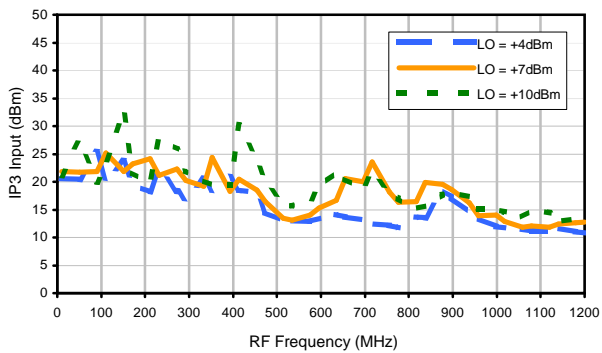
Conversion Loss vs. IF @ RF=10.1MHz



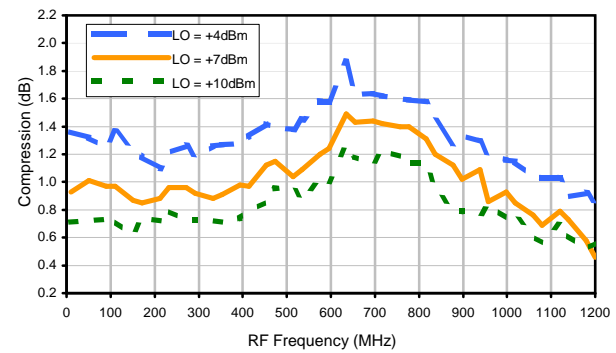
Conversion Loss vs. IF @ RF=500.1MHz



IP3 Input

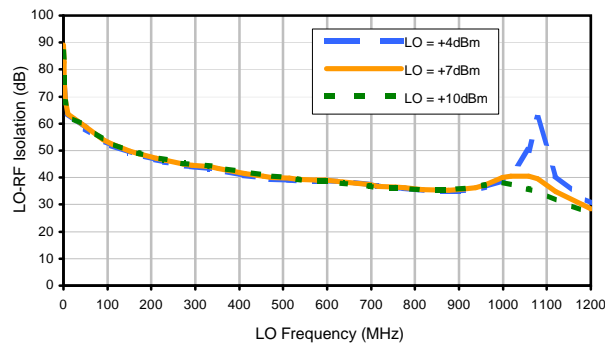


Compression @ RF IN=+1dBm

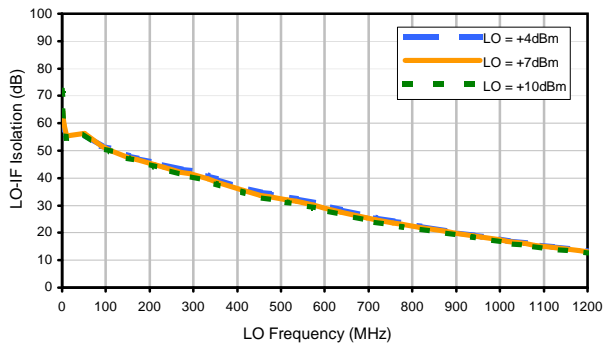


Typical Performance Curves

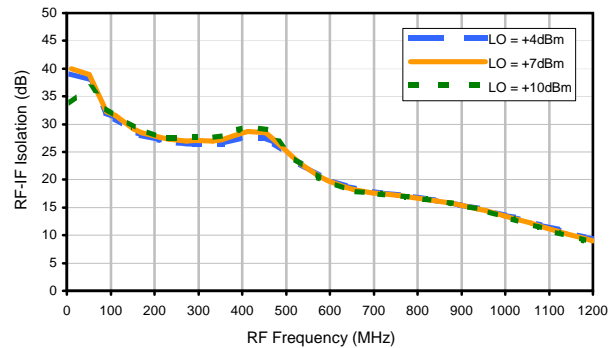
LO-RF Isolation



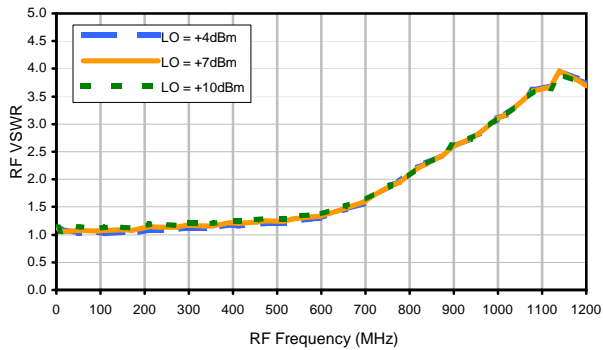
LO-IF Isolation



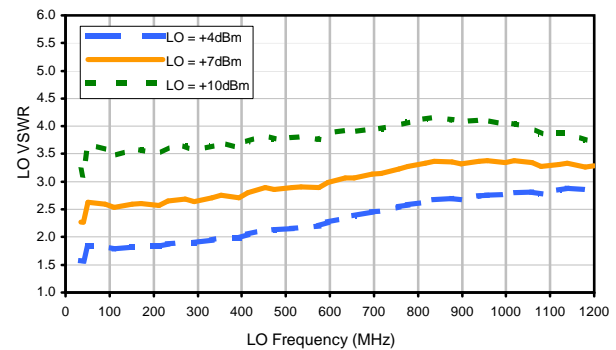
RF-IF Isolation



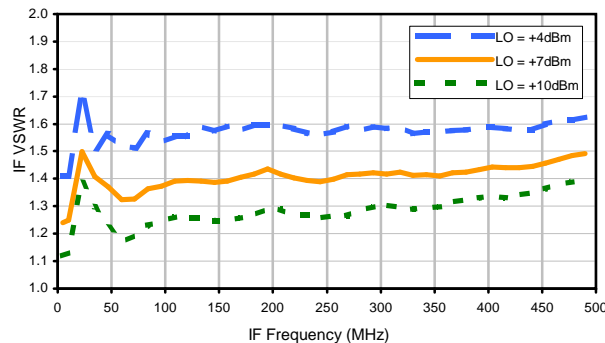
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	15	24	18	36	16	40	22	45	25	40
1	-	21	+0	30	12	36	18	41	32	47	40	43
2	103	72	51	80	51	71	51	76	52	73	62	71
3	108	71	76	73	69	76	61	81	68	81	69	78
4	109	98	86	109	82	86	85	93	87	104	88	101
5	125	99	108	99	99	87	100	102	89	99	93	100
6	111	99	105	93	101	98	76	87	94	99	96	106
7	114	105	107	115	107	103	113	79	92	99	97	103
8	122	110	107	99	105	103	93	101	79	90	93	105
9	120	110	101	107	99	100	111	102	91	66	86	94
10	130	100	112	108	114	103	102	98	102	95	72	92
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 250.1 MHz; -14.00 dBm.
 LO IN: 280.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -20.03 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	24	34	31	47	28	52	34	55	38	52
1	-	21	+0	31	12	37	19	43	32	52	41	49
2	101	76	45	69	46	69	46	68	48	66	55	76
3	108	52	51	54	55	62	48	59	46	64	55	65
4	105	77	64	74	62	77	62	76	59	85	62	80
5	112	76	64	66	58	68	56	67	54	78	56	71
6	113	88	80	90	80	96	81	93	88	94	83	90
7	121	98	77	105	72	85	77	84	81	81	78	83
8	128	102	93	102	92	98	100	103	88	108	94	104
9	118	96	97	100	87	95	83	94	86	68	89	99
10	116	118	107	114	105	106	107	102	104	99	93	99
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 250.1 MHz; -4.00 dBm.
 LO IN: 280.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -10.12 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.

REV. X2
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