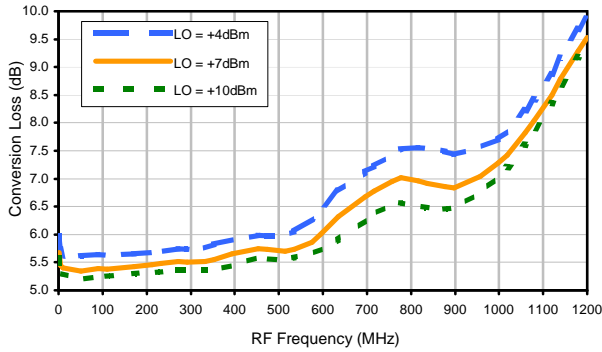
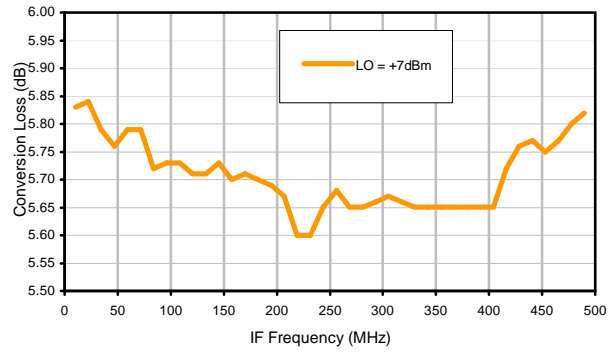


Typical Performance Curves

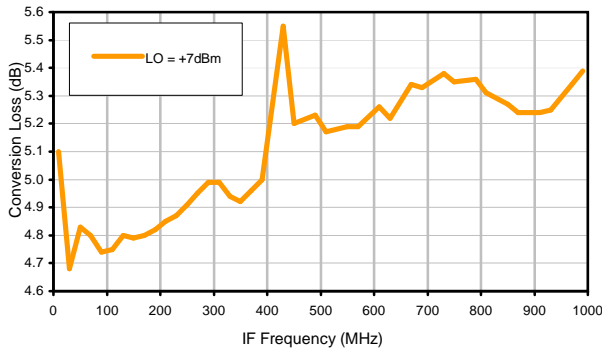
Conversion Loss @ IF=30 MHz



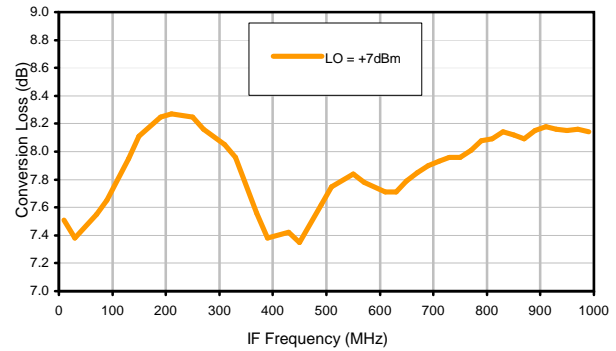
Conversion Loss vs. IF @ RF=500.1 MHz



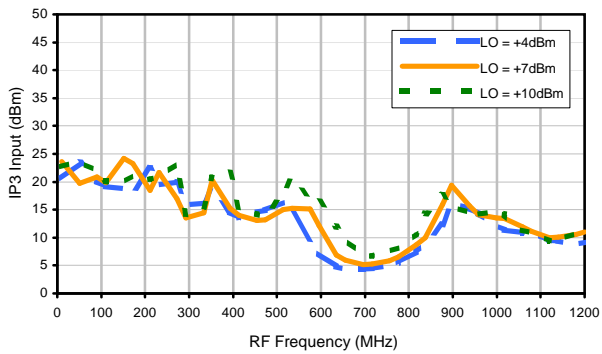
Conversion Loss vs. IF @ RF=10.1 MHz



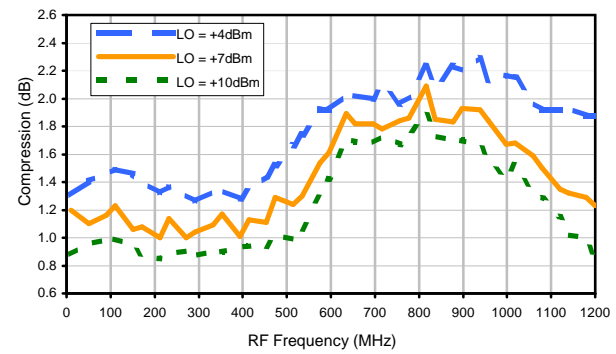
Conversion Loss vs. IF @ RF=1000.1 MHz



IP3 Input

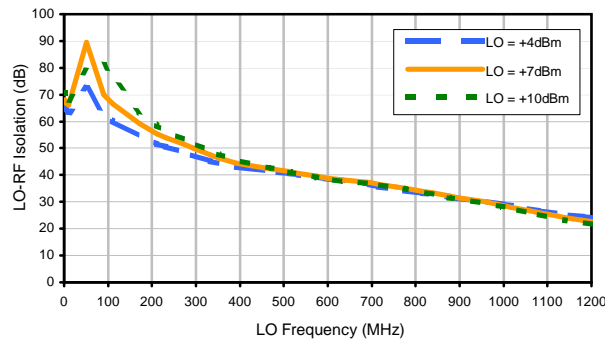


Compression @ RF IN = +1 dBm

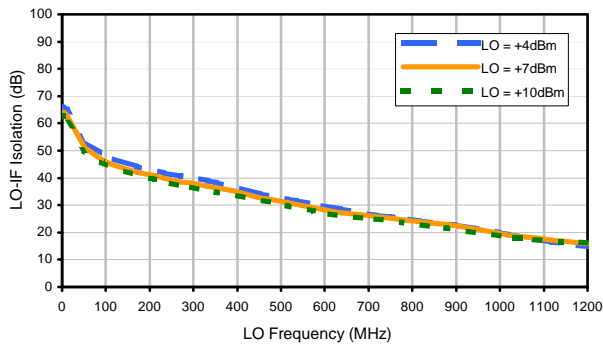


Typical Performance Curves

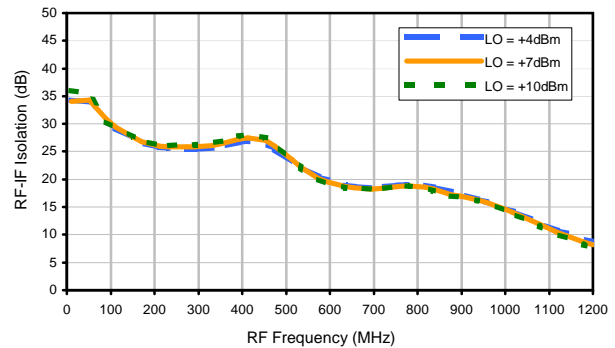
LO-RF Isolation



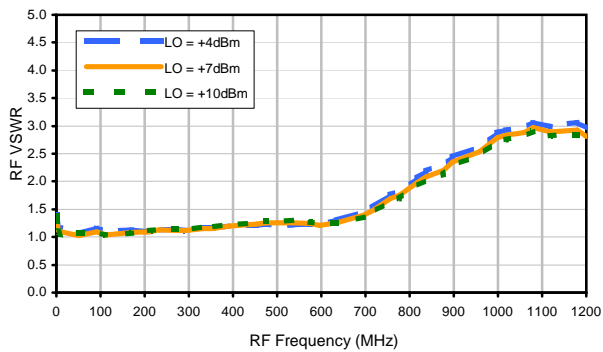
LO-IF Isolation



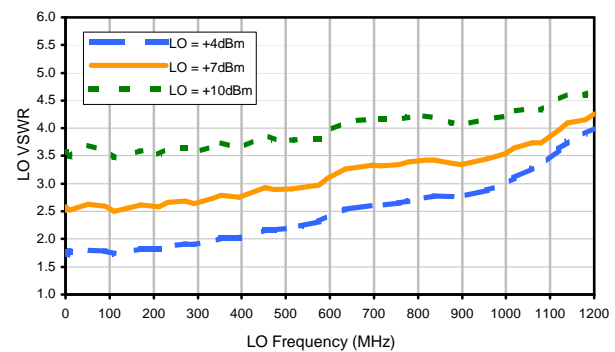
RF-IF Isolation



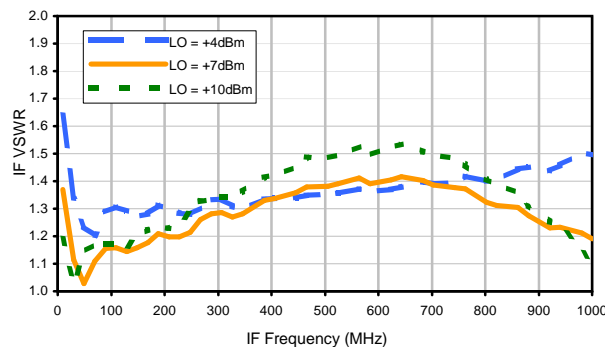
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	4	16	11	30	14	28	36	45	45	51
1	-	18	0	37	11	32	34	51	50	43	65	55
2	109	59	45	57	44	57	47	64	52	66	70	73
3	113	67	67	68	65	69	63	83	89	81	89	79
4	120	95	92	90	95	90	98	92	92	92	93	96
5	119	99	120	107	108	111	95	109	102	117	96	111
6	128	125	108	102	124	94	101	85	104	100	108	105
7	112	107	108	99	106	131	97	97	87	101	102	98
8	116	107	99	104	105	106	102	100	97	85	96	111
9	111	109	122	100	99	107	109	106	100	98	96	99
10	120	106	106	105	104	105	119	118	122	99	92	90
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 500.1 MHz; -14.00 dBm.
 LO IN: 530.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -19.53 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	13	28	23	42	27	39	49	54	54	63
1	-	19	0	34	12	33	35	52	52	49	65	61
2	94	47	38	59	38	49	39	61	44	58	61	73
3	110	44	43	51	42	52	40	54	65	68	70	63
4	109	76	61	59	53	57	53	57	57	67	62	70
5	142	71	70	84	58	61	58	62	61	74	77	76
6	112	84	92	90	78	82	73	84	91	73	77	81
7	113	87	95	91	83	75	72	73	74	73	74	86
8	112	93	89	95	101	92	81	77	76	76	77	80
9	109	115	100	96	100	98	98	87	81	86	85	85
10	113	117	113	104	102	110	112	109	94	89	94	94
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 500.1 MHz; -4.00 dBm.
 LO IN: 530.01 MHz; +7.00 dBm
 IF OUT: 29.91 MHz; -9.52 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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