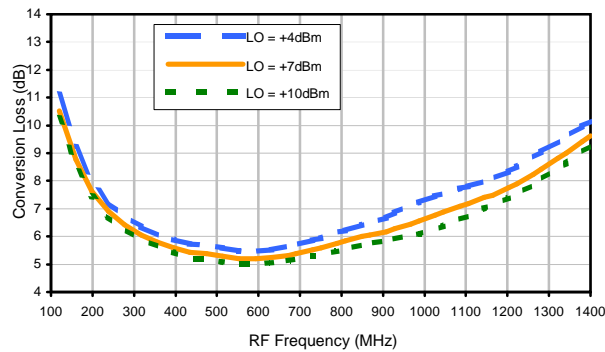
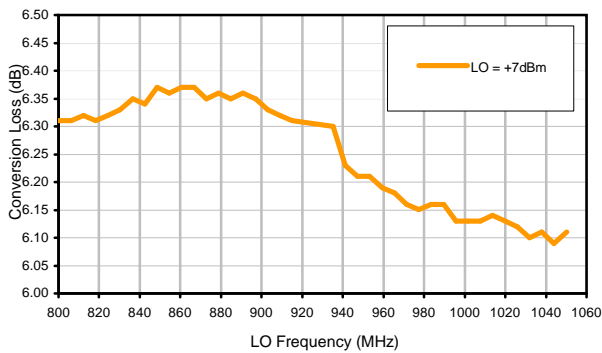


## Typical Performance Curves

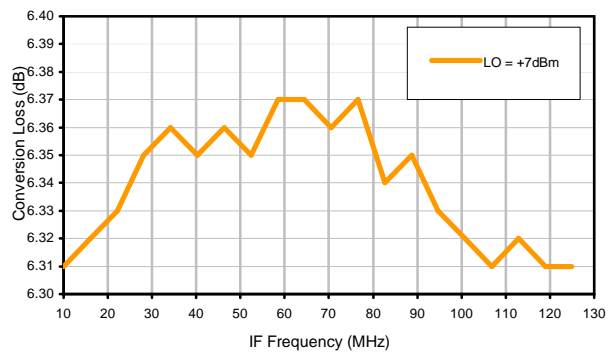
Conversion Loss @ IF=30MHz



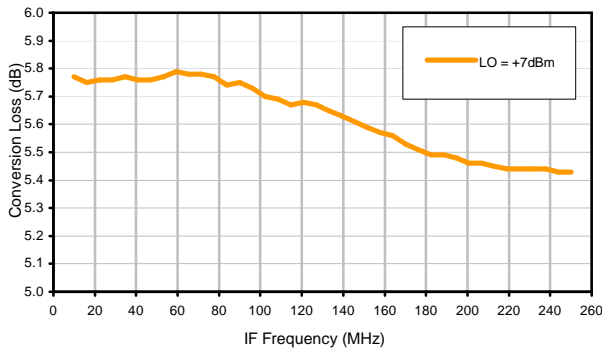
Conversion Loss vs. LO @ RF=925.1MHz



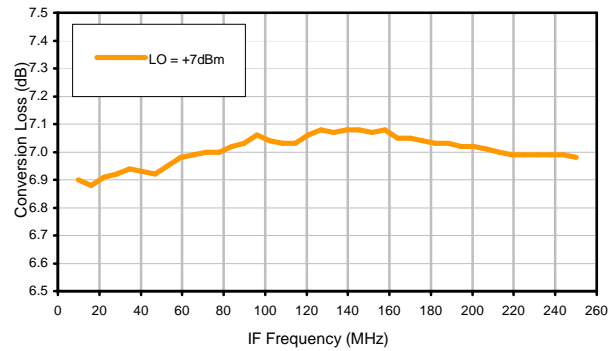
Conversion Loss vs. IF @ RF=925.1MHz



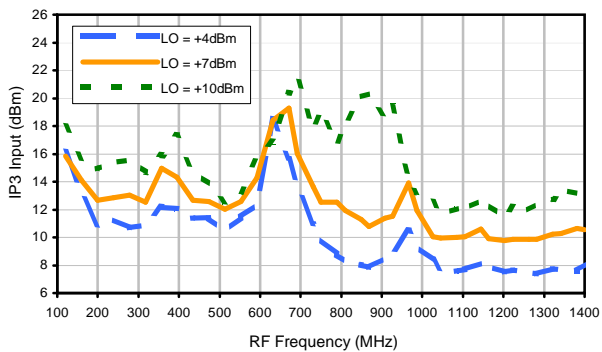
Conversion Loss vs. IF @ RF=800.1MHz



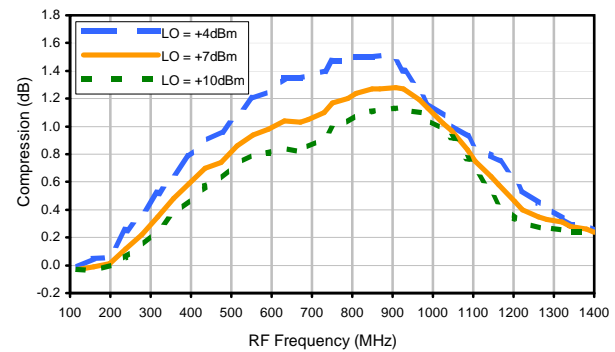
Conversion Loss vs. IF @ RF=1050.1MHz



IP3 Input

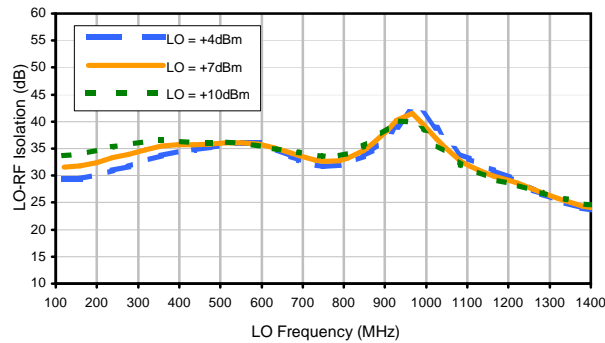


Compression @ RF IN=+1dBm

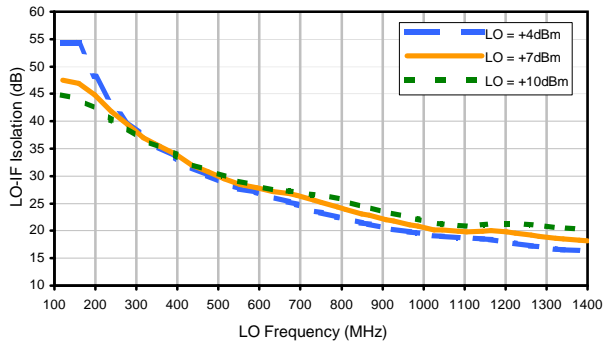


## Typical Performance Curves

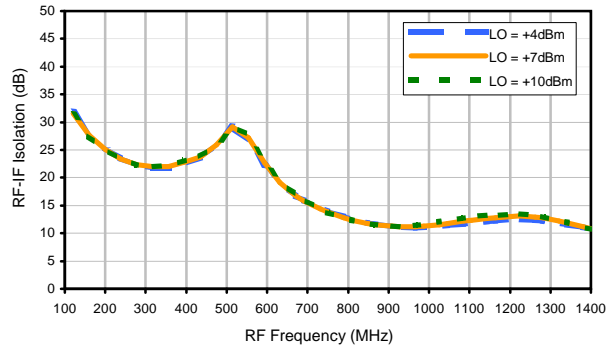
LO-RF Isolation



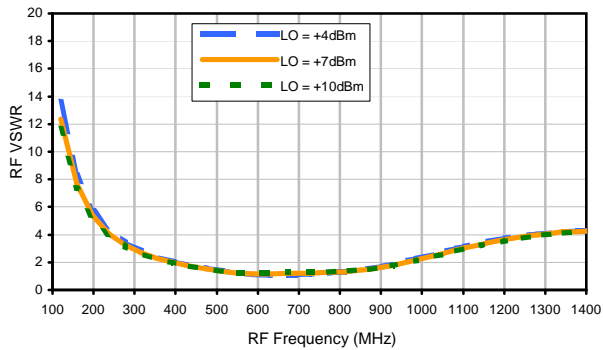
LO-IF Isolation



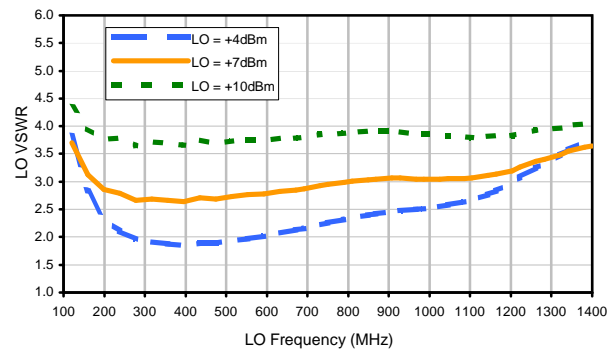
RF-IF Isolation



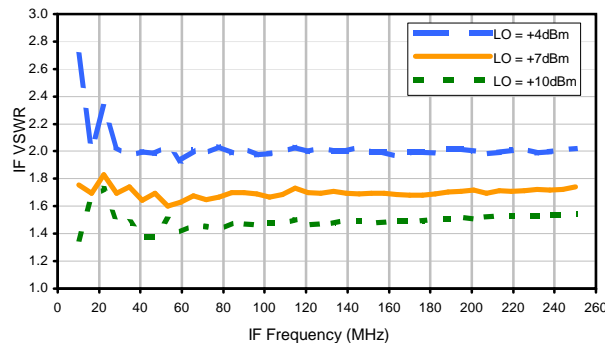
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+7	13	2	23	21	52	38	44	33	41
1	-	5	+0	22	15	36	38	32	48	50	52	55
2	111	46	41	44	42	45	49	63	61	65	83	74
3	109	66	58	72	55	61	66	68	68	79	74	85
4	110	94	103	87	81	95	86	98	87	93	86	93
5	115	95	98	113	107	96	87	95	97	104	97	99
6	131	106	110	116	113	112	99	91	116	108	100	101
7	125	105	107	106	103	104	98	97	89	108	101	101
8	107	93	102	100	100	115	108	109	93	86	104	96
9	121	102	104	101	100	105	107	98	109	107	90	100
10	135	97	106	101	101	104	100	99	108	103	89	92
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 920.1 MHz; -14.00 dBm.  
 LO IN: 950.01 MHz; +7.00 dBm  
 IF OUT: 29.91 MHz; -20.94 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	4	26	13	34	33	66	46	57	45	58
1	-	5	+0	23	16	41	43	37	53	58	57	64
2	92	36	33	39	32	39	40	62	67	62	70	68
3	116	44	38	48	41	53	51	53	51	54	61	69
4	117	54	73	58	52	50	55	59	68	64	66	65
5	117	55	65	64	57	63	54	60	59	67	71	75
6	123	77	67	76	93	63	65	67	70	71	74	82
7	107	93	85	76	74	89	70	77	77	76	80	87
8	106	103	96	88	82	82	91	82	89	75	90	81
9	127	102	105	116	97	81	92	94	81	82	86	84
10	122	110	112	111	106	104	90	92	102	92	89	92
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 920.1 MHz; -4.00 dBm.  
 LO IN: 950.01 MHz; +7.00 dBm  
 IF OUT: 29.91 MHz; -10.99 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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