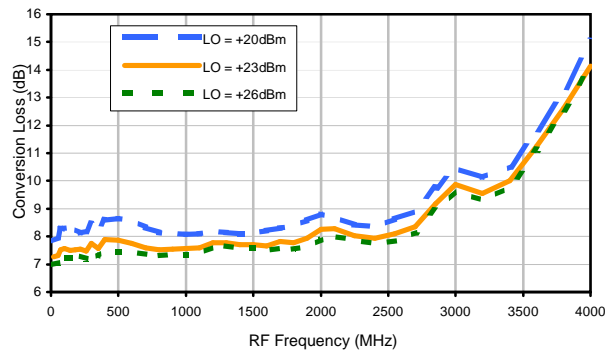
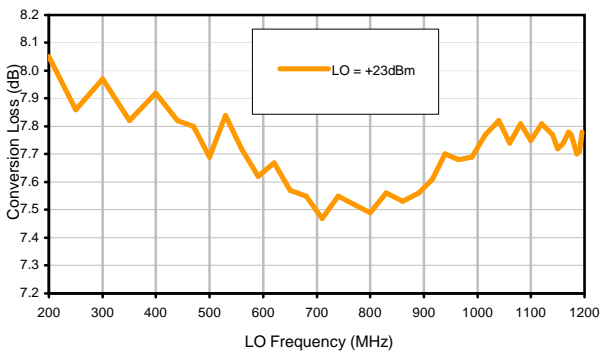


## Typical Performance Curves

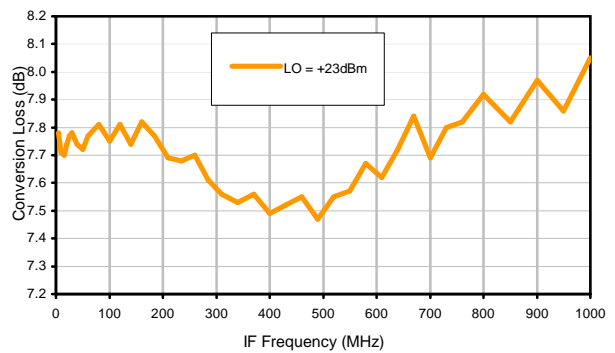
Conversion Loss @ IF=30MHz



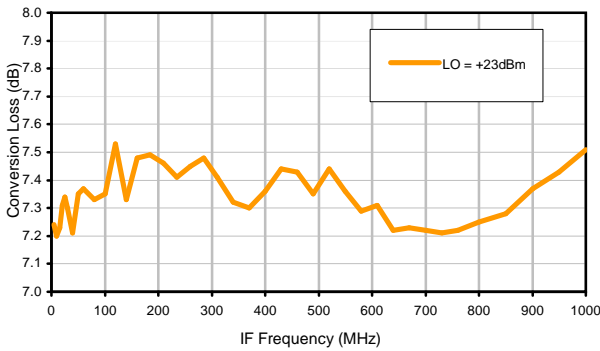
Conversion Loss vs. LO @ RF=1200.1MHz



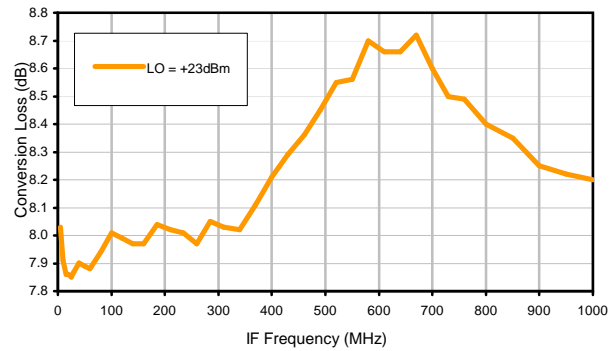
Conversion Loss vs. IF @ RF=1200.1MHz



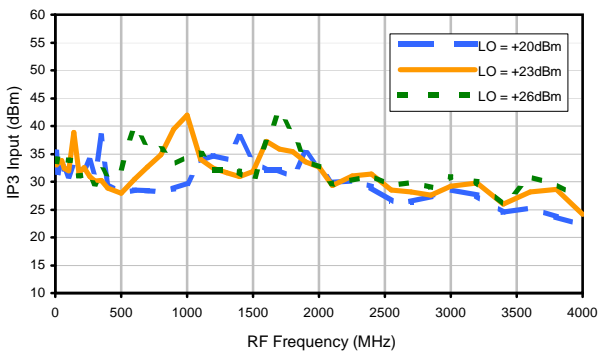
Conversion Loss vs. IF @ RF=10.1MHz



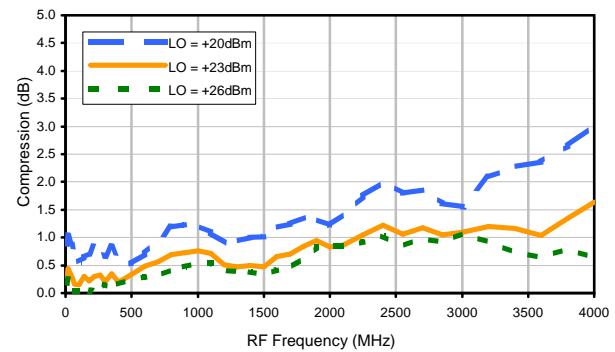
Conversion Loss vs. IF @ RF=2400.1MHz



IP3 Input

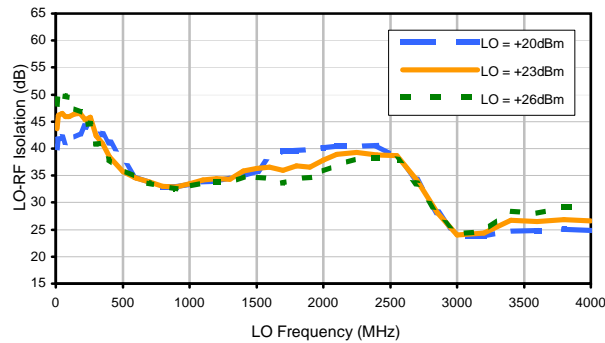


Compression @ RF IN=+20dBm

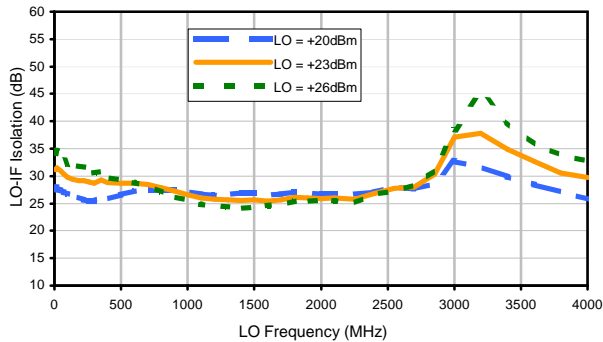


## Typical Performance Curves

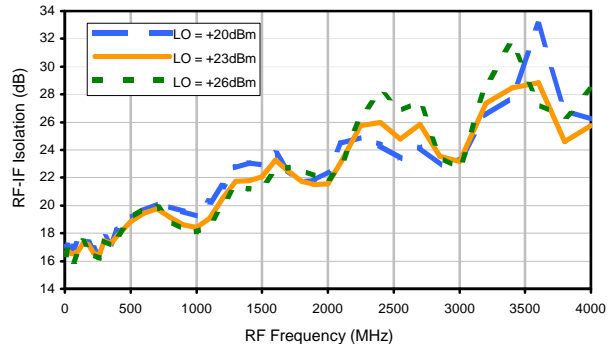
LO-RF Isolation



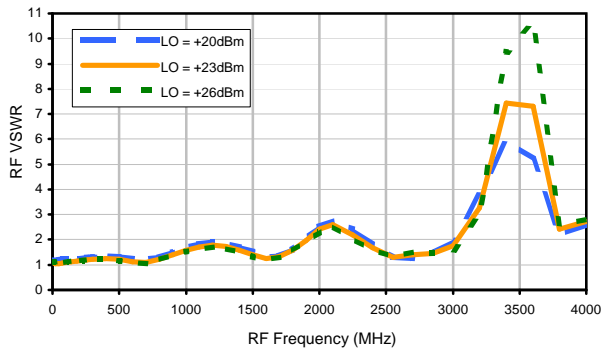
LO-IF Isolation



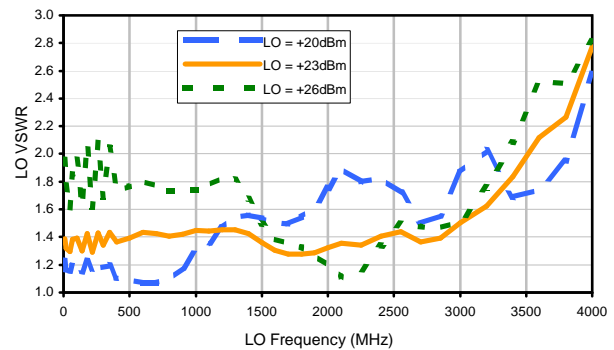
RF-IF Isolation



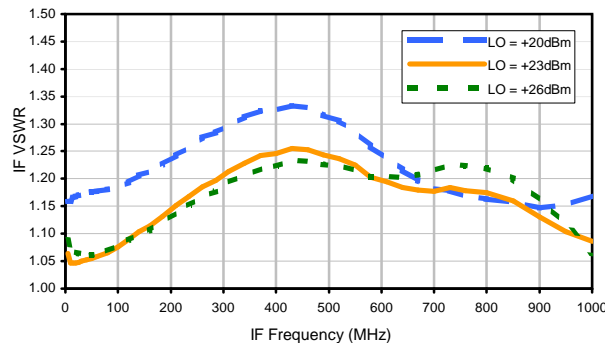
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	10	28	27	27	37	39	47	66	41	50
1	-	18	+0	34	16	41	24	57	38	60	53	53
2	85	43	37	43	44	45	40	41	49	56	60	72
3	>121	66	40	56	41	51	43	59	54	55	50	62
4	>123	62	60	70	62	60	59	61	52	63	52	59
5	>124	81	71	68	58	71	58	70	61	67	62	62
6	>121	73	70	70	82	76	75	75	74	69	69	74
7	>123	89	79	85	70	78	72	81	67	83	68	76
8	>124	97	89	84	86	86	82	87	90	90	78	82
9	>121	103	93	106	90	106	84	82	93	84	83	93
10	>121	102	97	101	98	98	105	90	96	95	97	96
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 1200.1 MHz; 14.96.00 dBm.  
 LO IN: 1230.01 MHz; +23.00 dBm  
 IF OUT: 29.91 MHz; 7.33 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+0	16	16	14	23	24	29	39	19	35
1	-	18	+0	33	16	41	24	46	37	45	48	50
2	93	54	49	52	52	55	48	52	53	62	58	68
3	>122	75	61	71	61	67	62	74	65	69	63	83
4	>122	89	88	89	89	85	87	87	81	90	77	86
5	>122	104	98	105	96	105	93	98	95	104	94	96
6	>121	113	107	112	108	>123	>123	115	107	>122	106	>121
7	>119	>119	>119	>117	119	>119	>120	>120	>117	>120	>117	>121
8	>121	>121	>118	>119	>120	>121	>122	>121	>120	>121	>121	>124
9	>119	>121	>123	>121	>121	>123	>122	>121	>121	>121	>121	>121
10	>120	>121	>120	>123	>121	>119	>121	>123	>123	>123	>121	>124
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 1200.1 MHz; 4.98.00 dBm.  
 LO IN: 1230.01 MHz; +23.00 dBm  
 IF OUT: 29.91 MHz; -2.59 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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