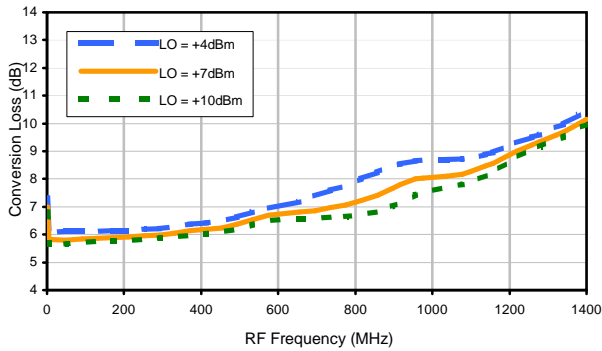
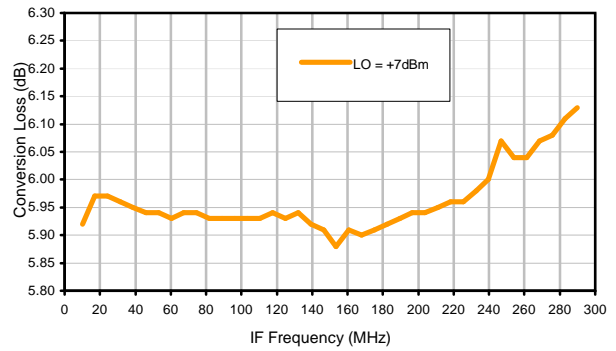


## Typical Performance Curves

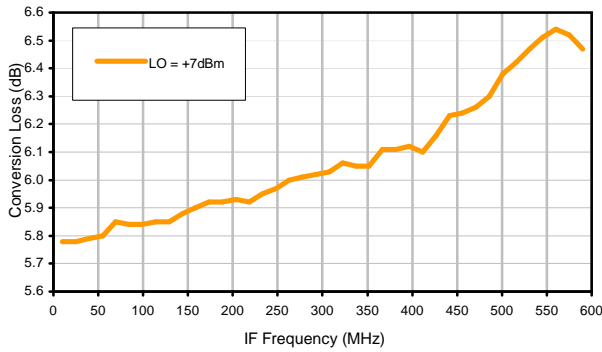
Conversion Loss @ IF=30MHz



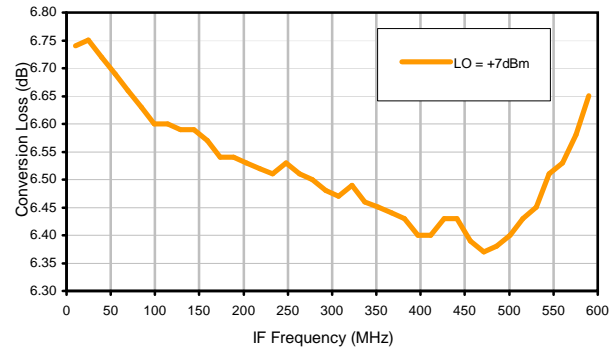
Conversion Loss vs. IF @ RF=300.1MHz



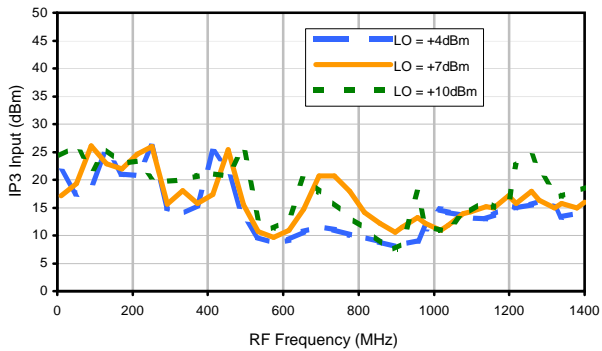
Conversion Loss vs. IF @ RF=10.1MHz



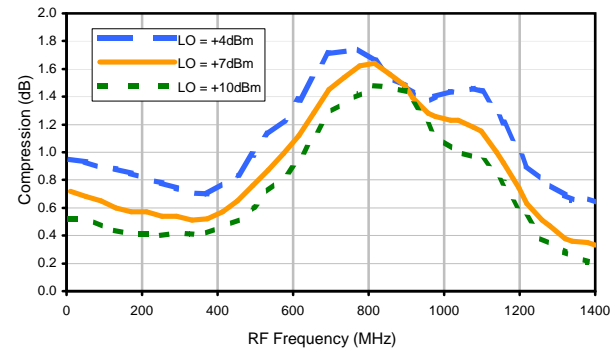
Conversion Loss vs. IF @ RF=600.1MHz



IP3 Input

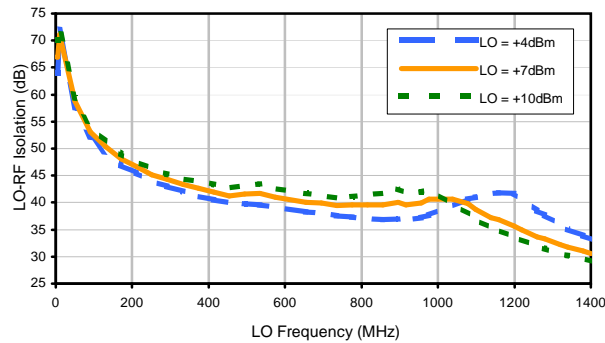


Compression @ RF IN=+1dBm

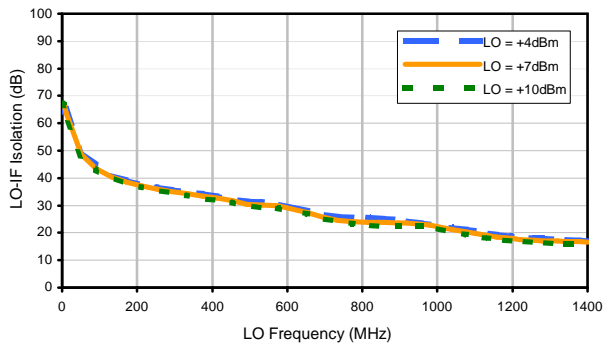


## Typical Performance Curves

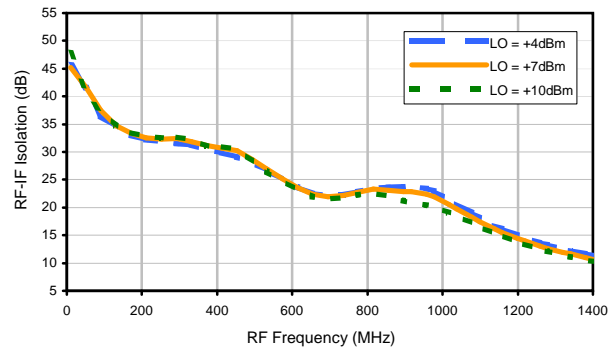
LO-RF Isolation



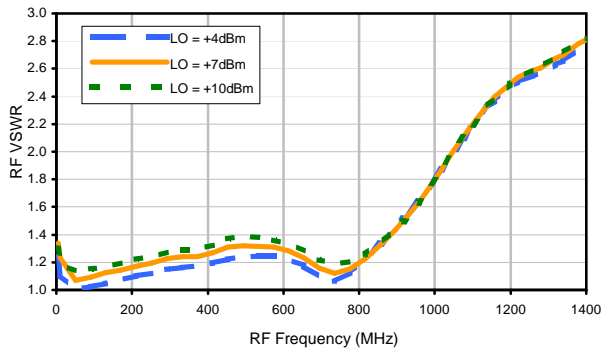
LO-IF Isolation



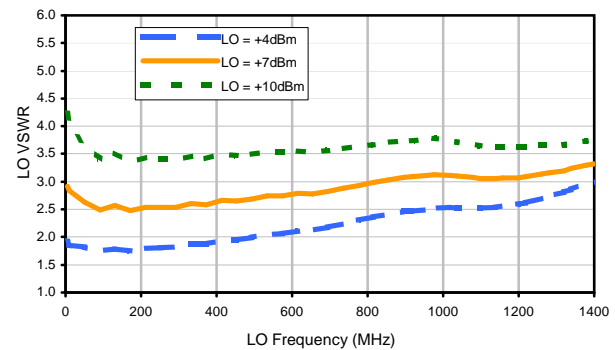
RF-IF Isolation



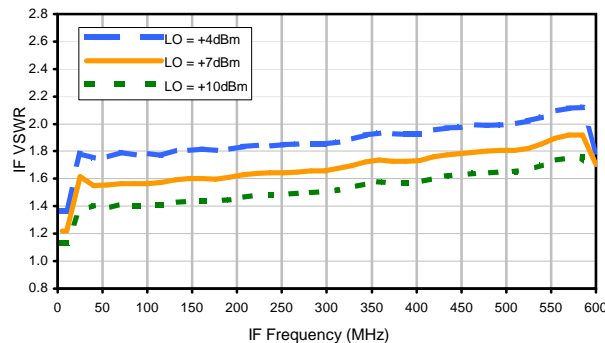
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	7	25	19	31	25	42	24	35	27	49
1	-	27	+0	35	12	43	17	32	40	48	39	44
2	>100	75	48	71	48	73	49	64	56	75	55	65
3	>100	75	63	74	63	79	59	79	61	70	>80	>80
4	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
5	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
6	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
7	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
8	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
9	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
10	>100	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 300.1 MHz; -14.00 dBm.  
 LO IN: 330.01 MHz; +7.00 dBm  
 IF OUT: 29.91 MHz; -20.22 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	16	37	33	45	35	50	39	54	40	58
1	-	27	+0	36	12	47	18	38	36	53	51	51
2	95	63	41	62	42	65	44	60	51	69	54	67
3	>100	53	44	56	45	61	44	59	43	53	60	63
4	>100	77	67	76	60	78	59	80	57	71	63	81
5	>100	74	67	81	60	78	59	78	58	76	62	78
6	>100	>90	78	>90	82	>90	81	>90	79	>90	74	88
7	>100	>90	84	>90	>90	>90	78	86	76	>90	74	86
8	>100	>90	>90	>90	>90	>90	>90	>90	85	88	87	>90
9	>100	>90	>90	>90	>90	>90	>90	>90	>90	86	>90	>90
10	>100	>90	>90	>90	>90	>90	>90	>90	>90	86	80	87
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 300.1 MHz; -4.00 dBm.  
 LO IN: 330.01 MHz; +7.00 dBm  
 IF OUT: 29.91 MHz; -10.42 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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