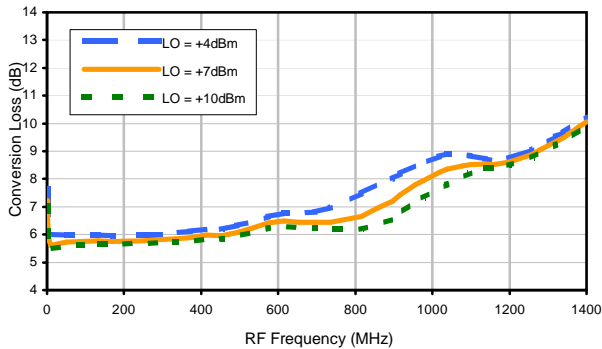
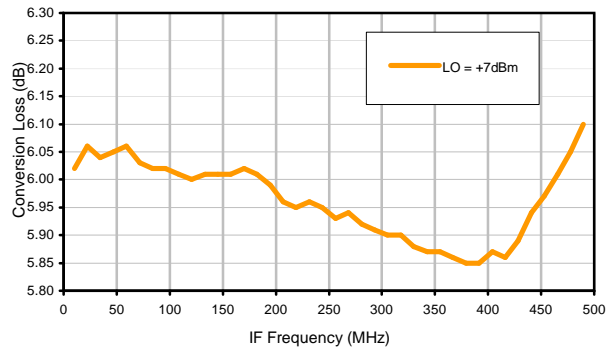


## Typical Performance Curves

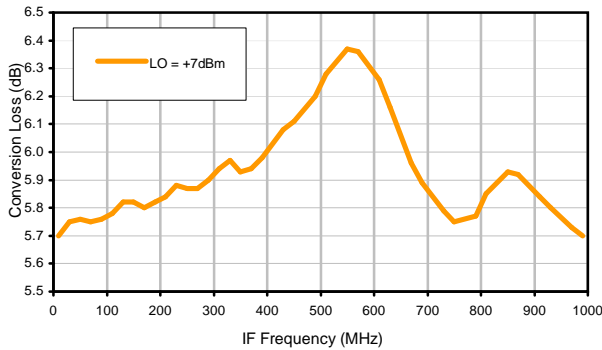
Conversion Loss @ IF=30MHz



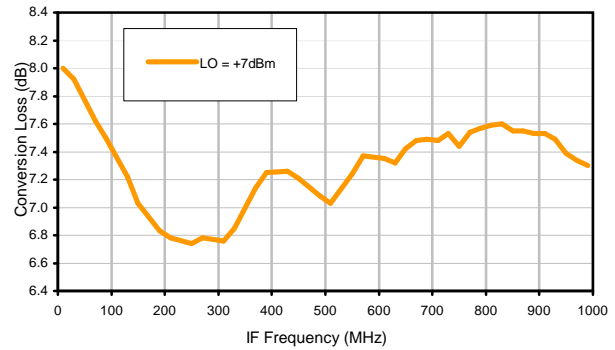
Conversion Loss vs. IF @ RF=500.1MHz



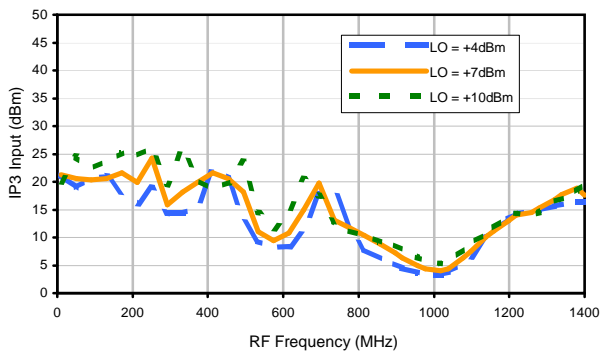
Conversion Loss vs. IF @ RF=10.1MHz



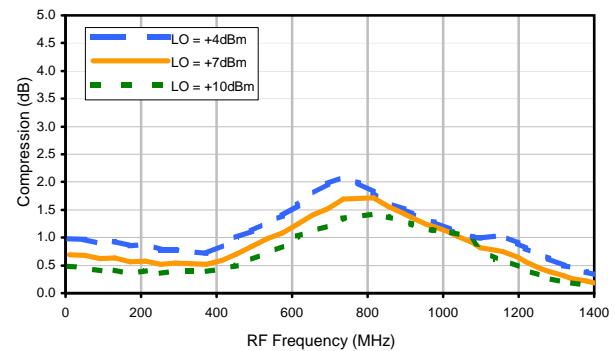
Conversion Loss vs. IF @ RF=1000.1MHz



IP3 Input

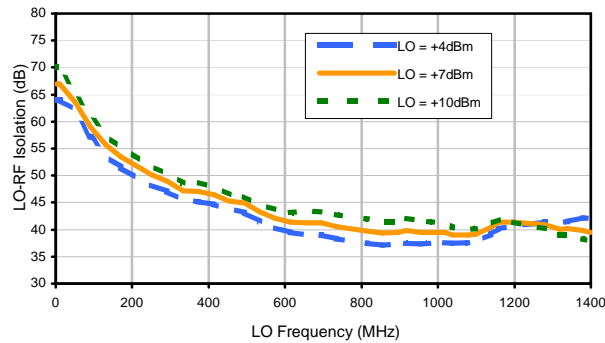


Compression @ RF IN=+1dBm

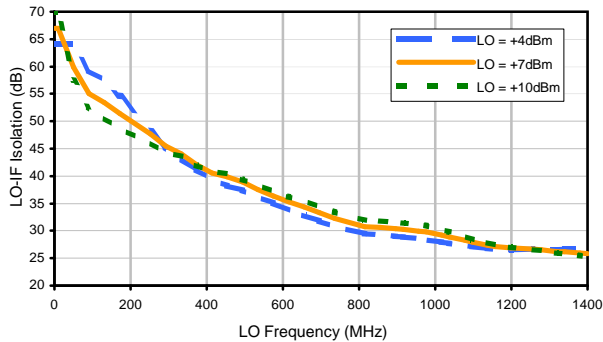


## Typical Performance Curves

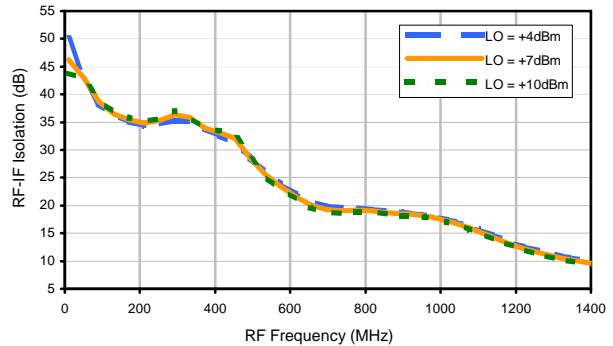
LO-RF Isolation



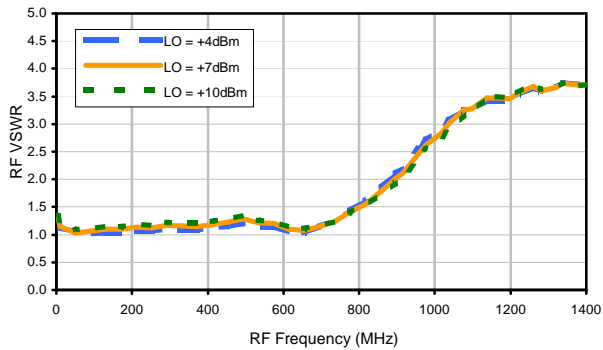
LO-IF Isolation



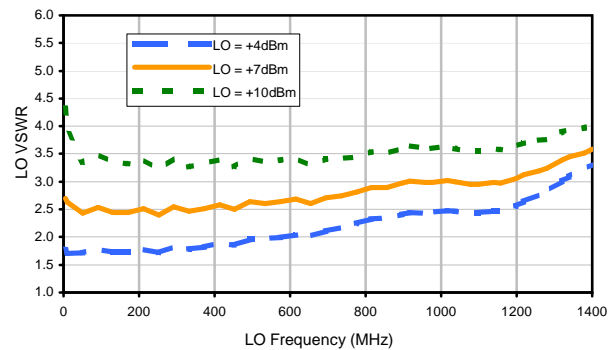
RF-IF Isolation



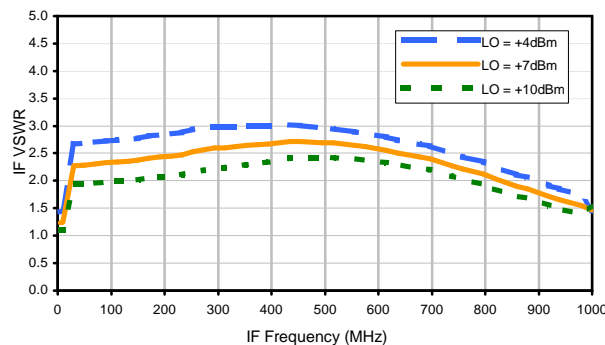
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	11	30	18	31	21	33	31	51	56	58
1	-	22	+0	33	10	34	30	38	61	40	54	53
2	>100	69	66	62	61	65	61	79	63	75	66	>80
3	>100	66	66	67	67	66	61	71	>80	70	73	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: 500.1 MHz; -14.00 dBm.  
 LO IN: 530.01 MHz; +7.00 dBm  
 IF OUT: 29.91 MHz; -20.2 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	21	38	30	42	32	43	45	63	72	70
1	-	23	+0	33	11	37	31	43	46	46	55	59
2	88	59	56	52	49	56	51	65	55	67	60	80
3	>100	47	46	54	47	51	41	56	58	52	65	57
4	>100	>90	70	78	67	75	65	67	69	84	72	75
5	>100	75	81	69	58	63	57	62	55	65	74	71
6	>100	>90	>90	>90	81	79	78	77	75	78	84	>90
7	>100	87	86	>90	84	83	82	87	78	78	72	80
8	>100	>90	>90	>90	>90	>90	>90	>90	>90	>90	85	86
9	>100	>90	>90	>90	>90	>90	>90	>90	88	>90	87	86
10	>100	>90	>90	>90	>90	>90	>90	>90	>90	>90	>90	>90
	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; -10.27 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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