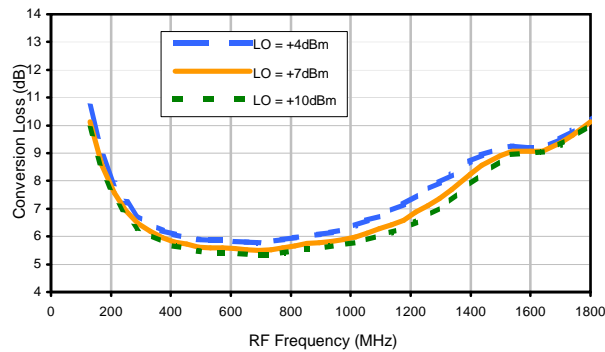
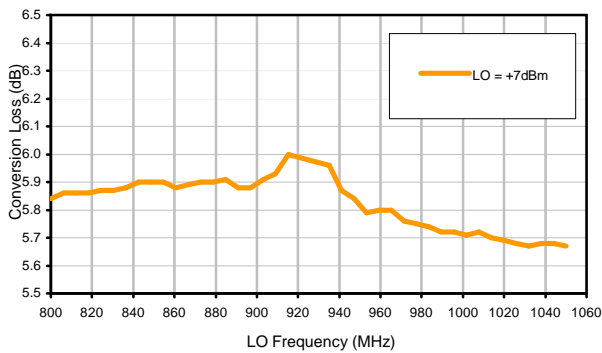


## Typical Performance Curves

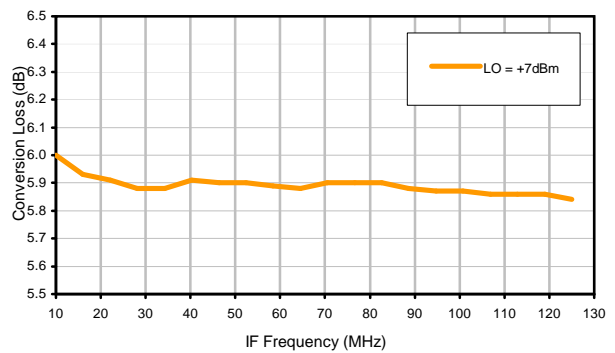
Conversion Loss @ IF=30MHz



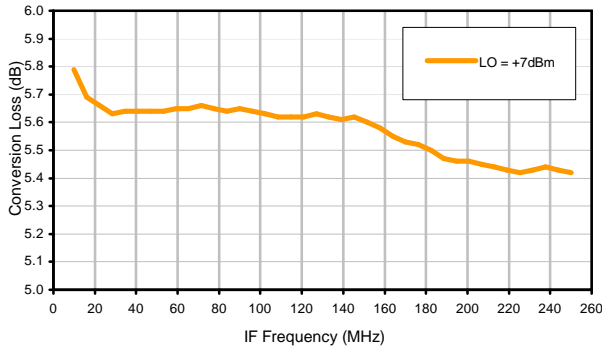
Conversion Loss vs. LO @ RF=925.1MHz



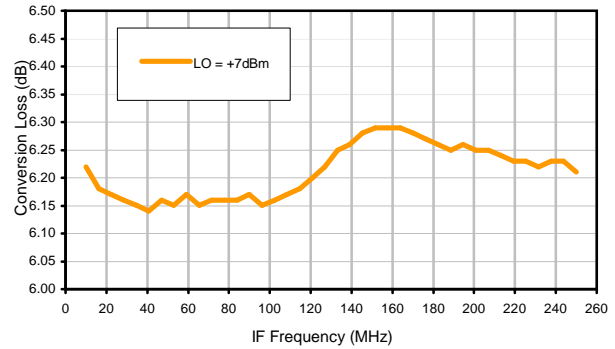
Conversion Loss vs. IF @ RF=925.1MHz



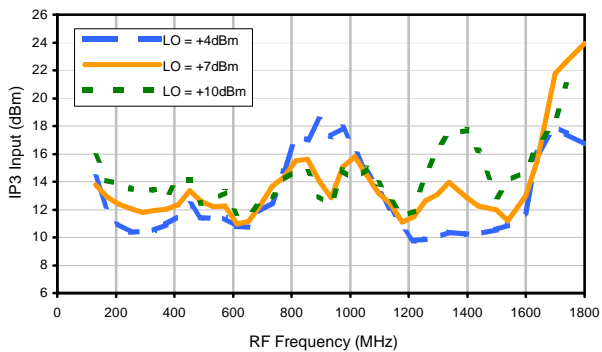
Conversion Loss vs. IF @ RF=800.1MHz



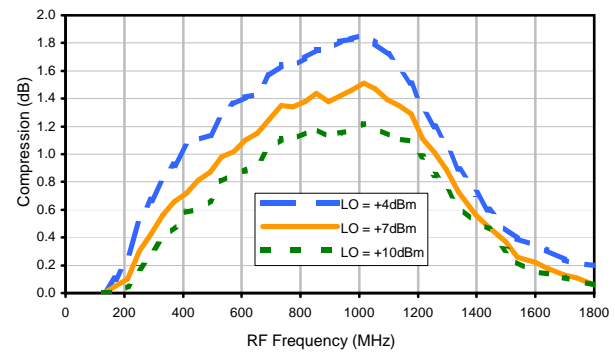
Conversion Loss vs. IF @ RF=1050.1MHz



IP3 Input

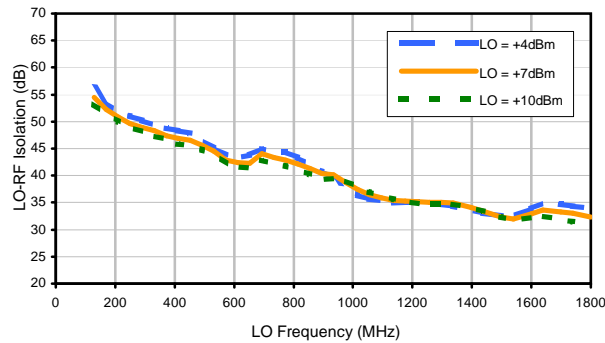


Compression @ RF IN=+1dBm

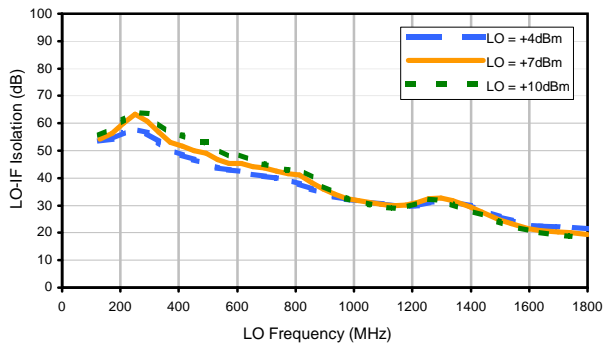


## Typical Performance Curves

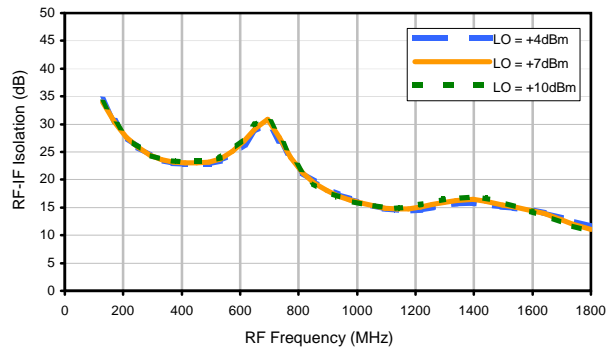
LO-RF Isolation



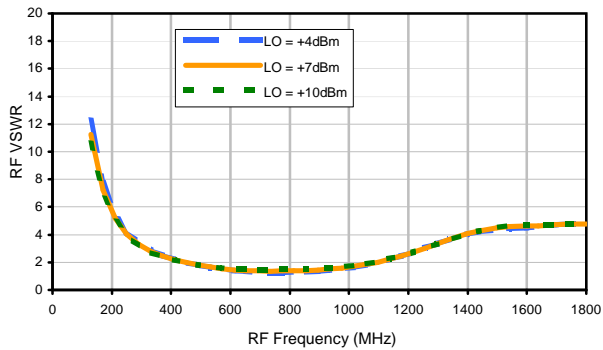
LO-IF Isolation



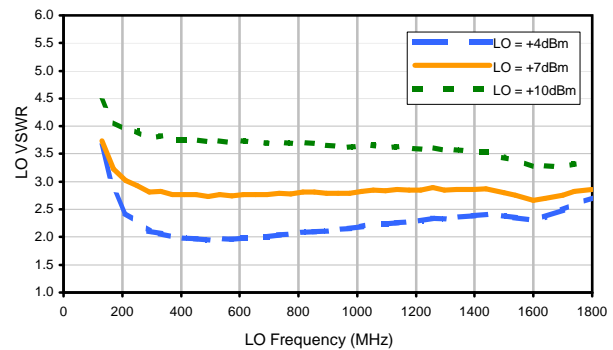
RF-IF Isolation



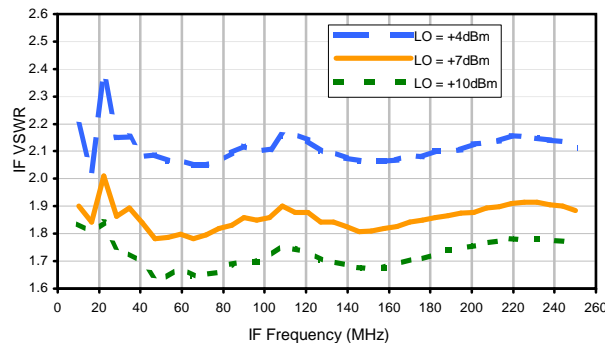
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	6	14	1	25	17	35	35	44	54	39
1	-	12	+0	28	11	46	31	26	47	46	66	54
2	>100	53	46	55	48	54	44	70	54	59	65	71
3	>100	75	65	64	69	62	66	80	62	61	80	>80
4	>100	>80	>80	>80	80	78	>80	>80	79	>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: 920.1 MHz; -14.00 dBm.  
 LO IN: 950.01 MHz; +7.00 dBm  
 IF OUT: 29.91 MHz; -19.96 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	15	24	11	33	28	57	49	60	62	52
1	-	12	+0	30	12	46	36	33	50	54	66	75
2	90	41	40	48	44	60	38	55	48	55	62	66
3	>100	55	45	55	44	45	38	63	48	43	62	63
4	>100	59	76	57	54	57	54	56	53	74	66	68
5	>100	59	66	77	59	56	52	56	57	69	58	60
6	>100	83	71	80	86	81	>90	66	>90	66	68	77
7	>100	>90	>90	81	82	82	73	77	70	71	65	82
8	>100	>90	>90	>90	89	85	>90	82	83	84	83	76
9	>100	>90	>90	>90	>90	84	88	89	77	78	75	80
10	>100	>90	>90	>90	>90	>90	89	>90	>90	>90	>90	83
	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; -10.11 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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