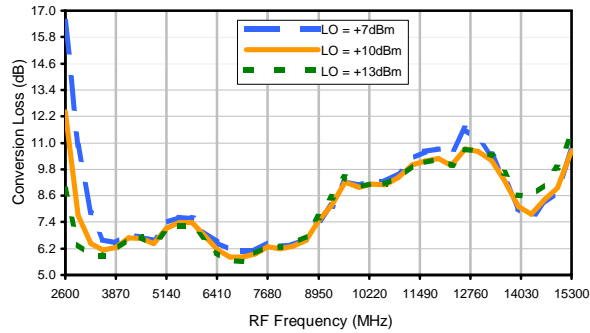
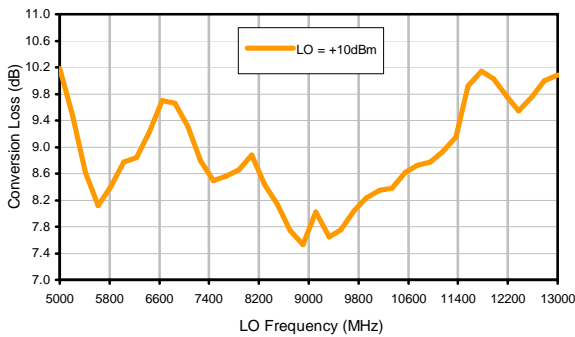


## Typical Performance Curves

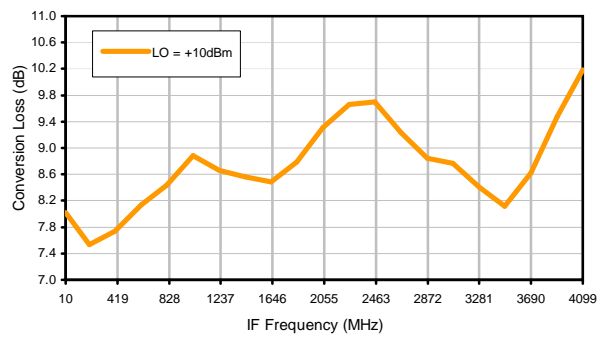
Conversion Loss @ IF=30MHz



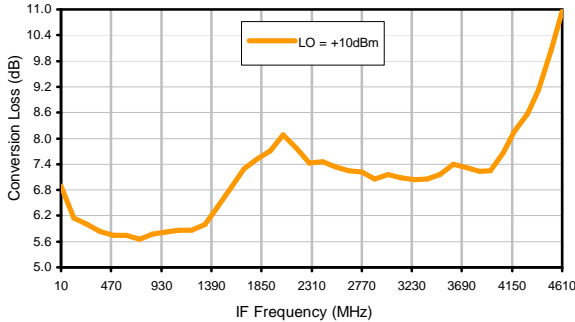
Conversion Loss vs. LO @ RF=9100MHz



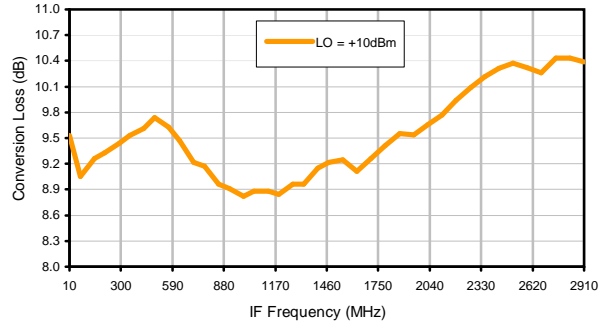
Conversion Loss vs. IF @ RF=9100MHz



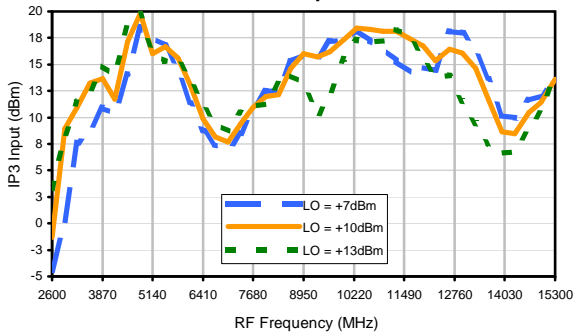
Conversion Loss vs. IF @ RF=3190MHz



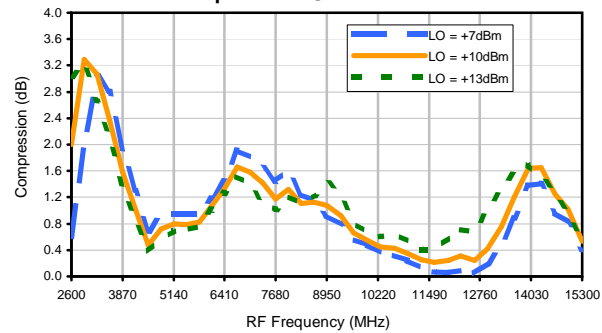
Conversion Loss vs. IF @ RF=15010.09MHz



IP3 Input

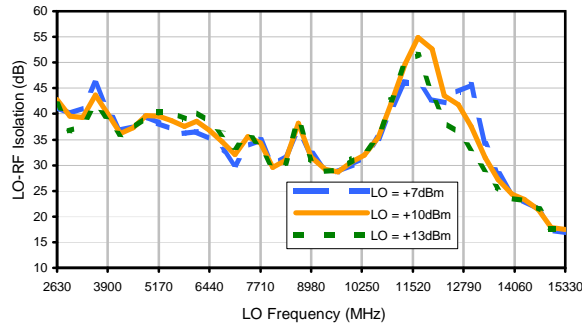


Compression @ RF IN=+3dBm

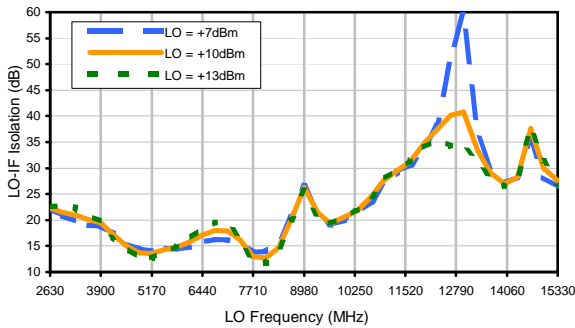


## Typical Performance Curves

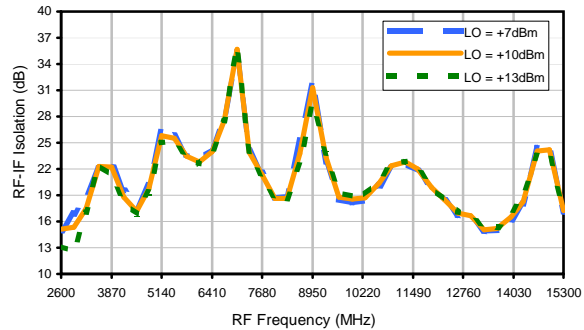
### LO-RF Isolation



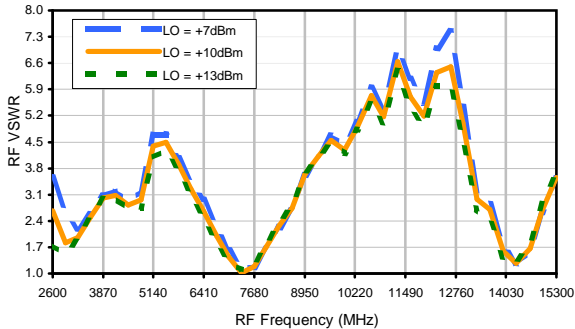
### LO-IF Isolation



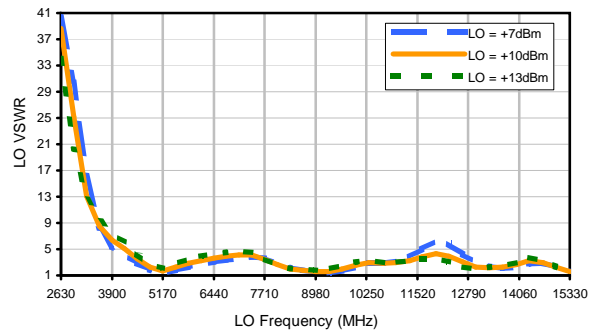
### RF-IF Isolation



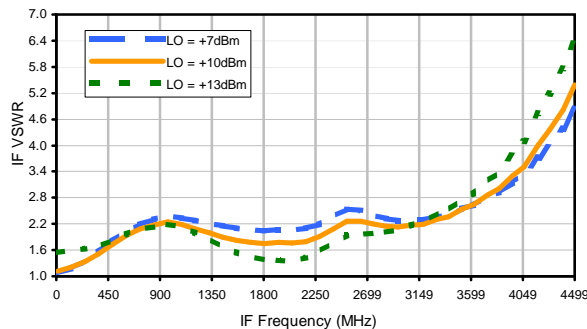
### RF VSWR



### LO VSWR



### IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+13	22	11	---	---	---	---	---	---	---
1	-	14	+0	35	24	42	---	---	---	---	---	---
2	81	55	41	49	45	56	51	---	---	---	---	---
3	>90	68	64	>72	60	63	>72	71	---	---	---	---
4	---	---	>72	>72	>72	>72	>72	>72	>72	---	---	---
5	---	---	---	>72	>72	>72	>72	>72	>72	>72	---	---
6	---	---	---	---	>72	>72	>72	>72	>72	>72	>72	---
7	---	---	---	---	---	>72	>72	>72	>72	>72	>72	>72
8	---	---	---	---	---	---	>72	>72	>72	>72	>72	>72
9	---	---	---	---	---	---	---	>72	>72	>72	>72	>72
10	---	---	---	---	---	---	---	---	>72	>72	>72	>72
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 7700 MHz; -12.00 dBm.  
 LO IN: 7730 MHz; +10.00 dBm  
 IF OUT: 30 MHz; -18.45 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+4	32	22	---	---	---	---	---	---	---
1	-	14	+0	38	25	48	---	---	---	---	---	---
2	61	44	31	40	37	48	46	---	---	---	---	---
3	77	50	44	58	39	48	55	60	---	---	---	---
4	---	---	73	73	56	58	57	62	64	---	---	---
5	---	---	---	76	73	74	61	61	75	70	---	---
6	---	---	---	---	>81	>81	76	74	73	77	79	---
7	---	---	---	---	---	>81	>81	>81	75	73	>81	81
8	---	---	---	---	---	---	>81	>81	>81	80	>81	>81
9	---	---	---	---	---	---	---	>81	>81	>81	>81	>81
10	---	---	---	---	---	---	---	---	>81	>81	>81	>81
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 7700 MHz; -2.00 dBm.  
 LO IN: 7730 MHz; +10.00 dBm  
 IF OUT: 30 MHz; -8.74 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.