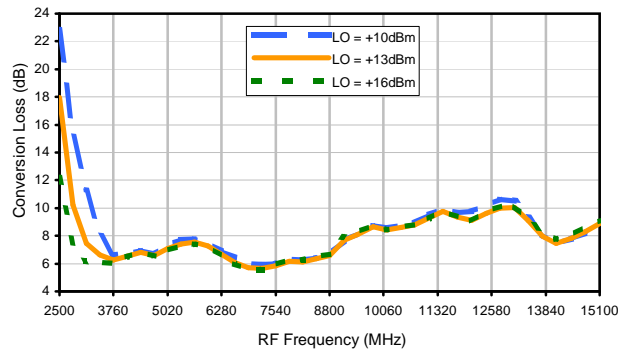
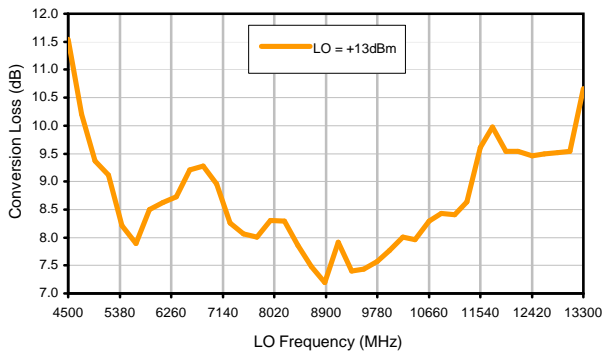


Typical Performance Curves

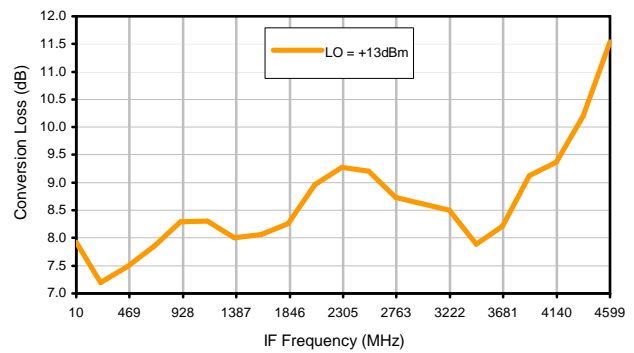
Conversion Loss @ IF=30MHz



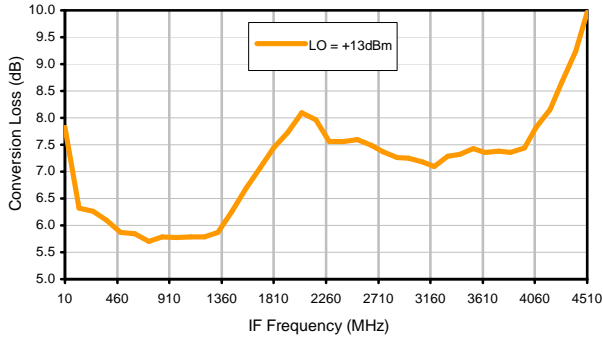
Conversion Loss vs. LO @ RF=9100MHz



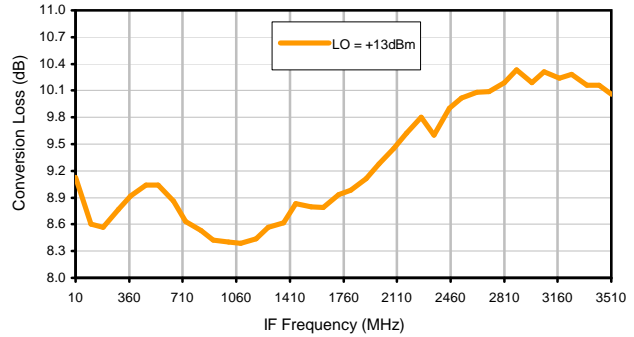
Conversion Loss vs. IF @ RF=9100MHz



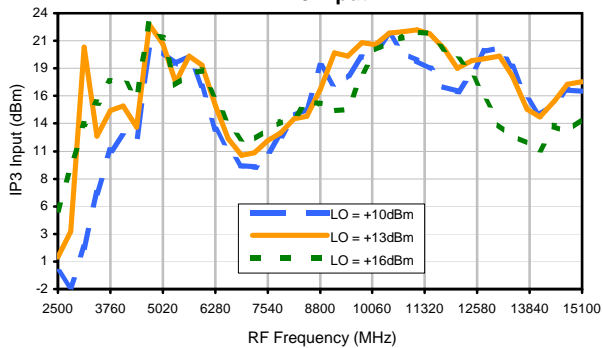
Conversion Loss vs. IF @ RF=3190MHz



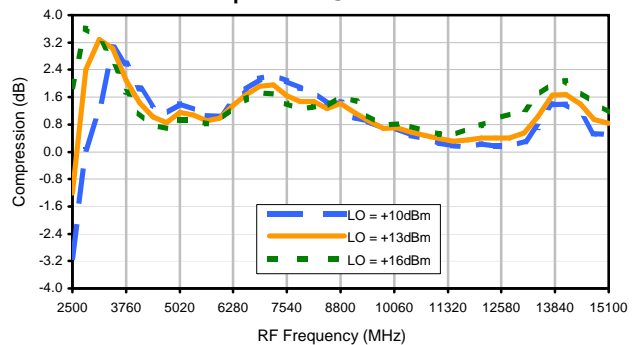
Conversion Loss vs. IF @ RF=15010.09MHz



IP3 Input

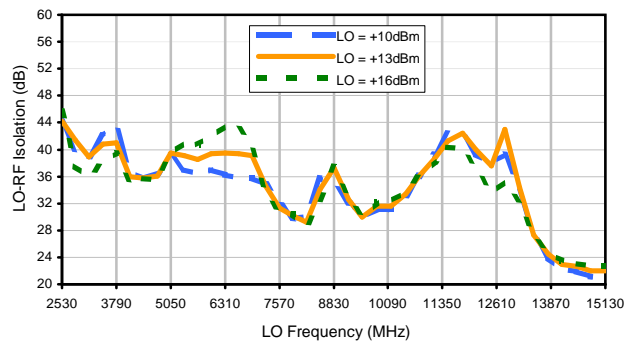


Compression @ RF IN=+7dBm

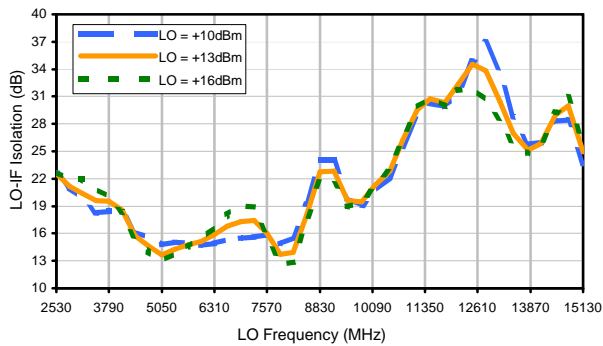


Typical Performance Curves

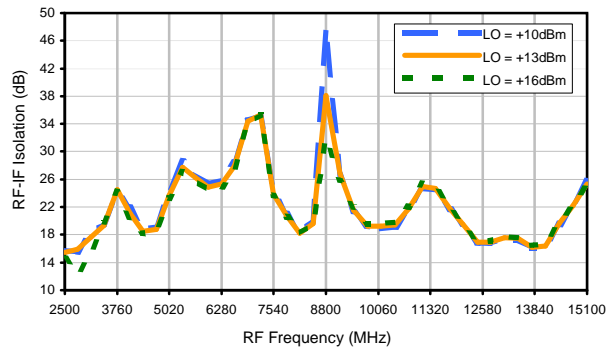
LO-RF Isolation



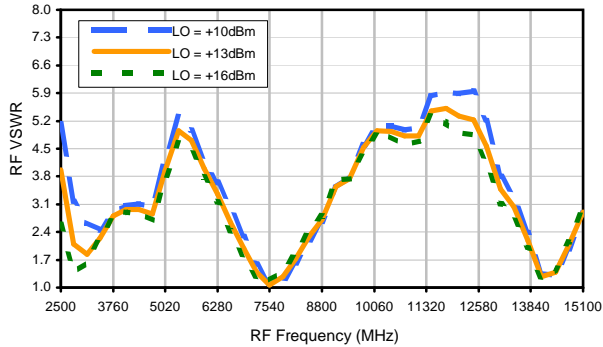
LO-IF Isolation



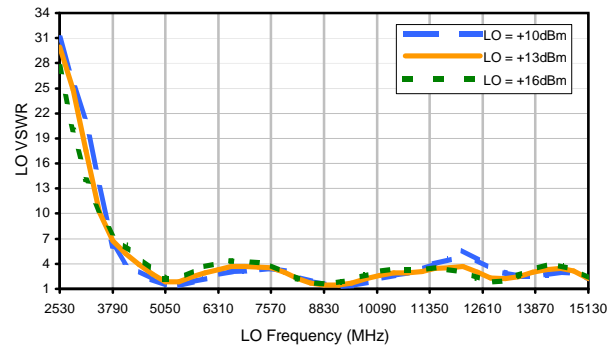
RF-IF Isolation



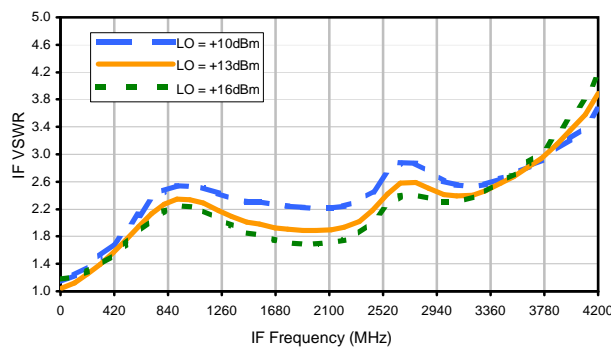
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+14	17	10	---	---	---	---	---	---	---
1	-	16	+0	36	27	44	---	---	---	---	---	---
2	83	55	43	52	42	56	52	---	---	---	---	---
3	89	>70	67	>70	63	68	>70	>70	---	---	---	---
4	---	---	>70	>70	>70	>70	>70	>70	>70	---	---	---
5	---	---	---	>70	>70	>70	>70	>70	>70	>70	---	---
6	---	---	---	---	>70	>70	>70	>70	>70	>70	>70	---
7	---	---	---	---	---	>70	>70	>70	>70	>70	>70	>70
8	---	---	---	---	---	---	>70	>70	>70	>70	>70	>70
9	---	---	---	---	---	---	---	>70	>70	>70	>70	>70
10	---	---	---	---	---	---	---	---	>70	>70	>70	>70
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 7700 MHz; -8.00 dBm.
 LO IN: 7730 MHz; +13.00 dBm
 IF OUT: 30 MHz; -19.75 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+4	26	21	---	---	---	---	---	---	---
1	-	16	+0	38	26	48	---	---	---	---	---	---
2	64	46	35	42	35	49	46	---	---	---	---	---
3	61	63	50	58	43	53	61	68	---	---	---	---
4	---	---	73	69	59	78	55	66	65	---	---	---
5	---	---	---	>80	78	>80	67	68	72	>80	---	---
6	---	---	---	---	>80	>80	77	>80	73	>80	79	---
7	---	---	---	---	---	>80	>80	>80	>80	79	>80	>80
8	---	---	---	---	---	---	>80	>80	>80	>80	>80	>80
9	---	---	---	---	---	---	---	>80	>80	>80	>80	>80
10	---	---	---	---	---	---	---	---	>80	>80	>80	>80
	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; +13.00 dBm
 IF OUT: 30 MHz; -10.15 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.