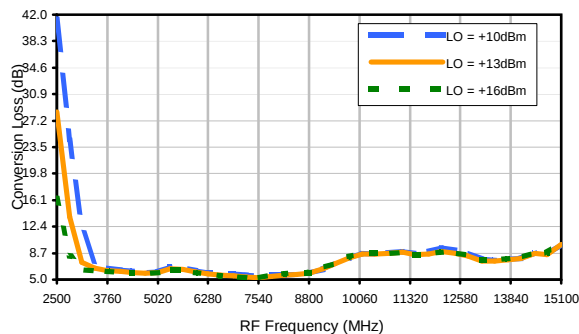
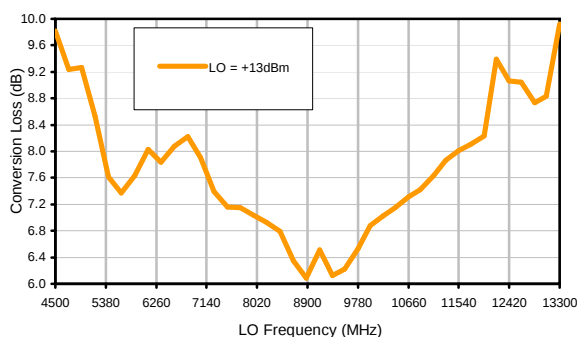


Typical Performance Curves

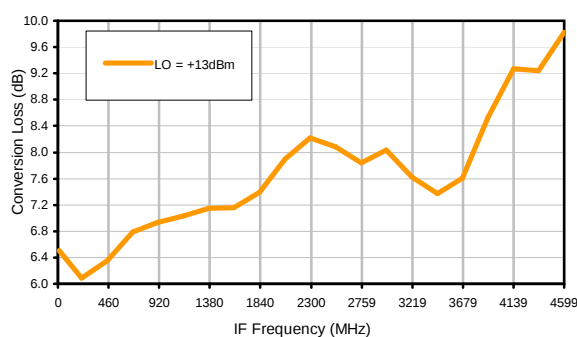
Conversion Loss @ IF=30MHz



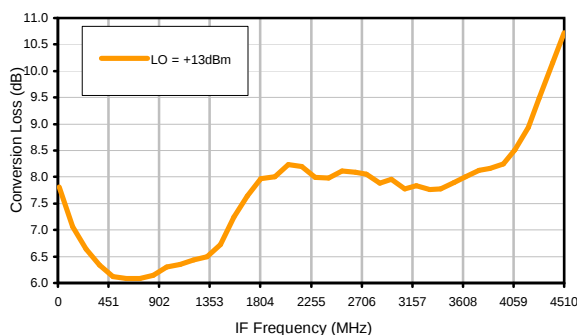
Conversion Loss vs. LO @ RF=9100MHz



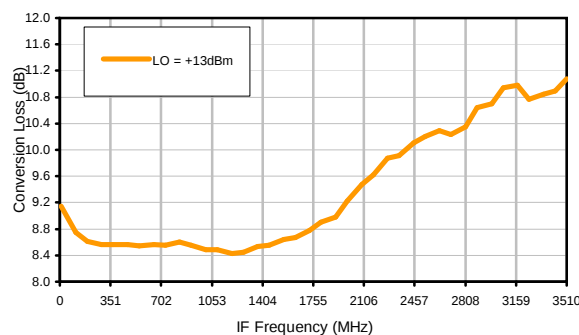
Conversion Loss vs. IF @ RF=9100MHz



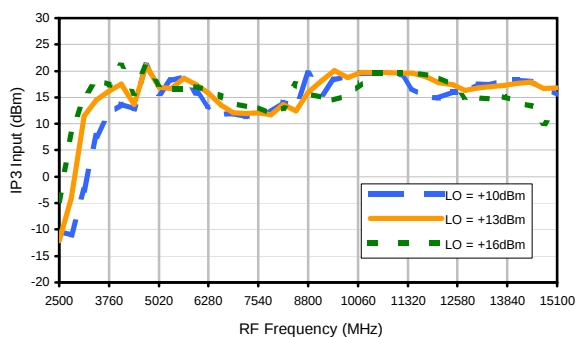
Conversion Loss vs. IF @ RF=3190MHz



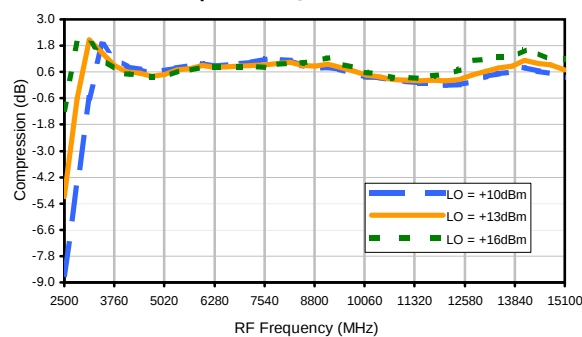
Conversion Loss vs. IF @ RF=15010.099MHz



IP3 Input

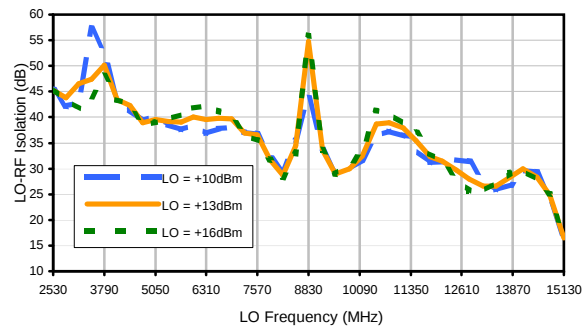


Compression @ RF IN=+5dBm

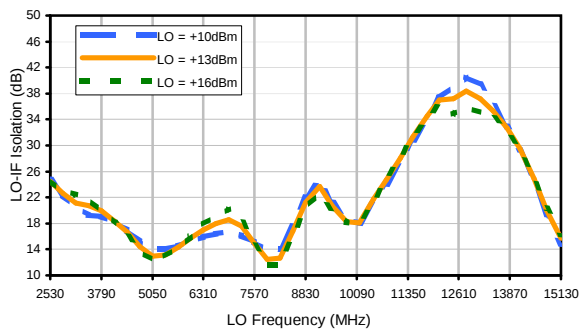


Typical Performance Curves

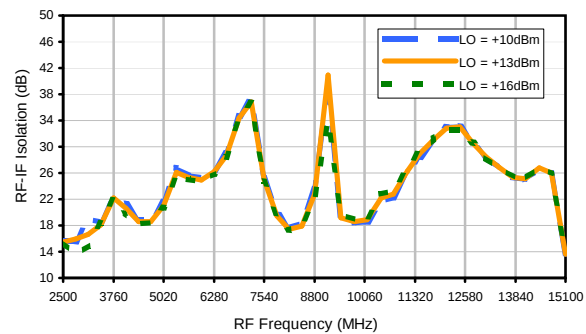
LO-RF Isolation



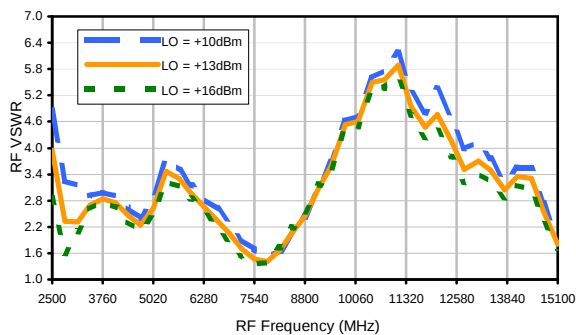
LO-IF Isolation



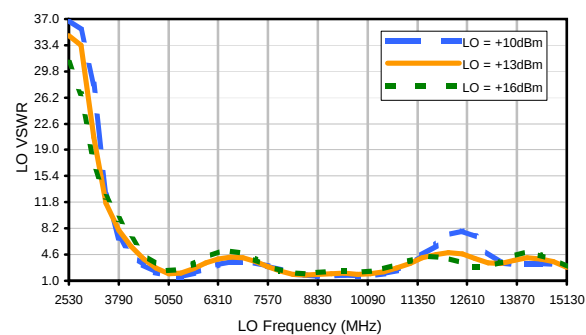
RF-IF Isolation



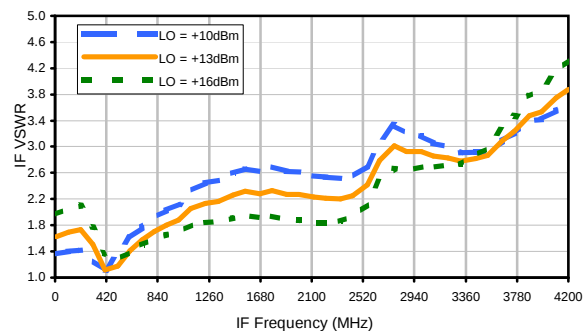
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(dBc)										
0	-	-	+13	18	5	---	---	---	---	---	---	---
1	-	16	+0	32	23	38	---	---	---	---	---	---
2	73	58	41	46	49	51	46	---	---	---	---	---
3	>90	62	64	>76	55	63	68	67	---	---	---	---
4	---	---	>76	>76	>76	>76	>76	>76	>76	---	---	---
5	---	---	---	>76	>76	>76	>76	>76	>76	>76	---	---
6	---	---	---	---	>76	>76	>76	>76	>76	>76	>76	---
7	---	---	---	---	---	>76	>76	>76	>76	>76	>76	>76
8	---	---	---	---	---	---	>76	>76	>76	>76	>76	>76
9	---	---	---	---	---	---	---	>76	>76	>76	>76	>76
10	---	---	---	---	---	---	---	---	>76	>76	>76	>76
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 7750 MHz; -8.00 dBm.
LO IN: 7780 MHz; +13.00 dBm
IF OUT: 30 MHz; -13.69 dBm

RF HARMONICS ORDER

	(-dBm)	(dBc)										
0	-	-	+3	29	16	---	---	---	---	---	---	---
1	-	15	+0	36	23	50	---	---	---	---	---	---
2	53	43	30	37	41	44	41	---	---	---	---	---
3	67	42	43	52	37	46	52	55	---	---	---	---
4	---	---	60	61	57	48	66	55	60	---	---	---
5	---	---	---	68	76	73	56	56	63	60	---	---
6	---	---	---	---	71	69	71	60	76	66	70	---
7	---	---	---	---	---	83	79	83	69	67	73	67
8	---	---	---	---	---	---	82	81	85	64	78	77
9	---	---	---	---	---	---	---	>86	>86	85	79	79
10	---	---	---	---	---	---	---	---	>86	>86	>86	70
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 7750 MHz; 2.00 dBm.
LO IN: 7780 MHz; +13.00 dBm
IF OUT: 30 MHz; -3.98 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.