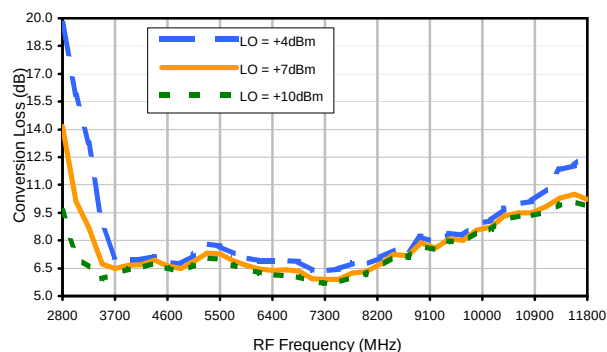
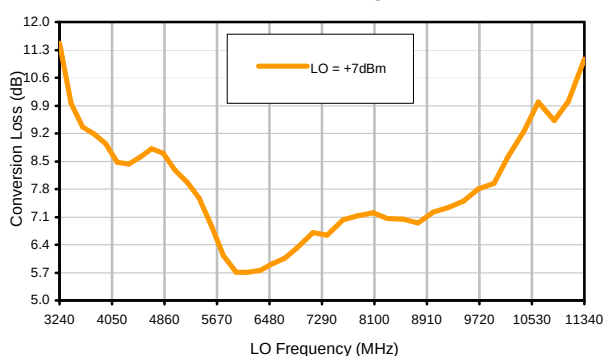


Typical Performance Curves

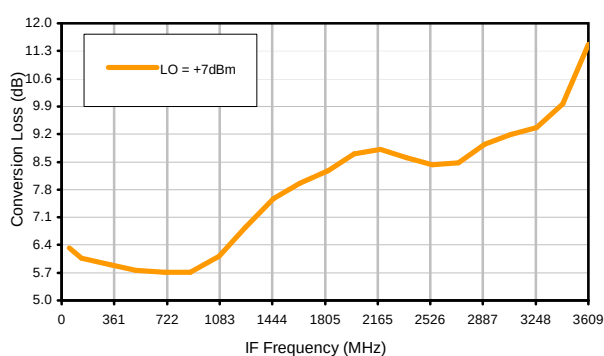
Conversion Loss @ IF=30MHz



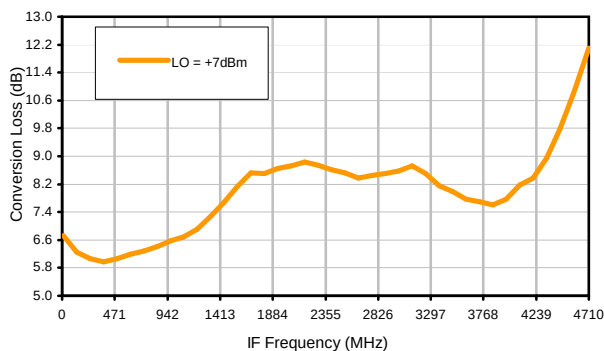
Conversion Loss vs. LO @ RF=6850MHz



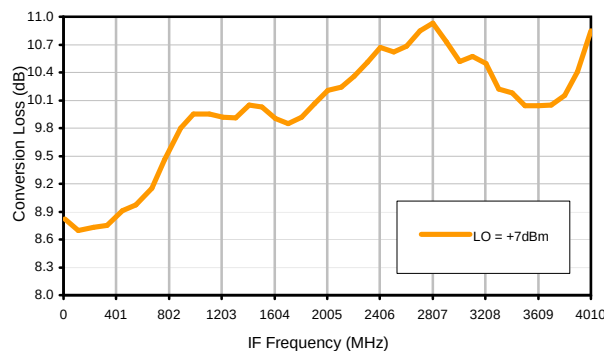
Conversion Loss vs. IF @ RF=6850MHz



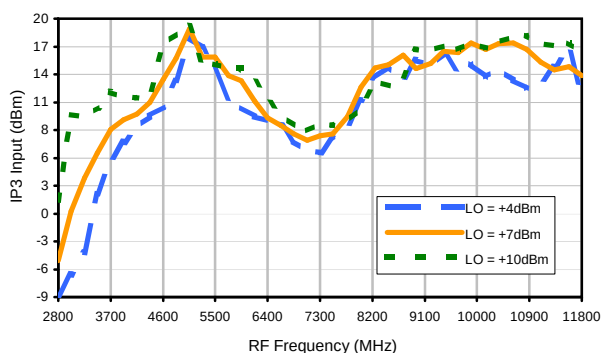
Conversion Loss vs. IF @ RF=3690MHz



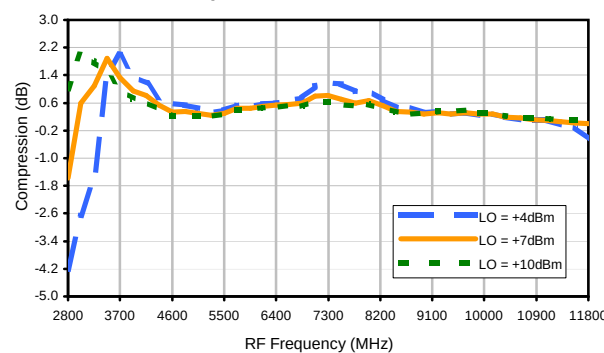
Conversion Loss vs. IF @ RF=10010.099MHz



IP3 Input

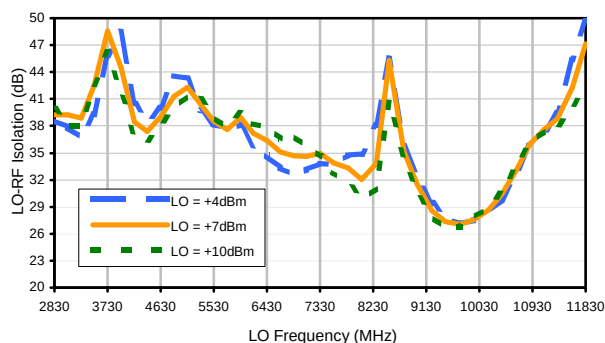


Compression @ RF IN=+1dBm

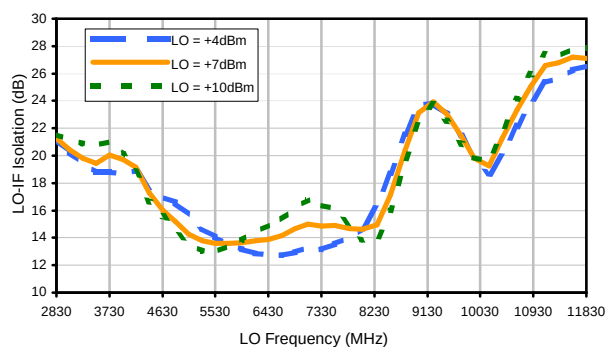


Typical Performance Curves

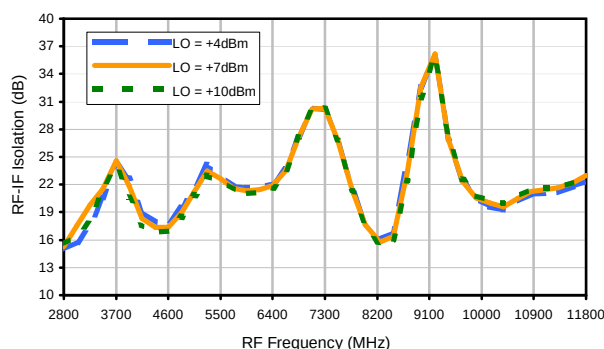
LO-RF Isolation



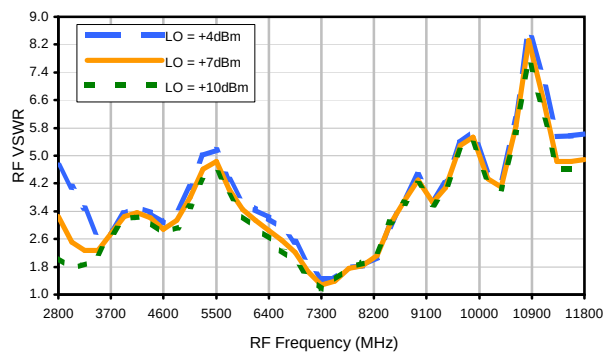
LO-IF Isolation



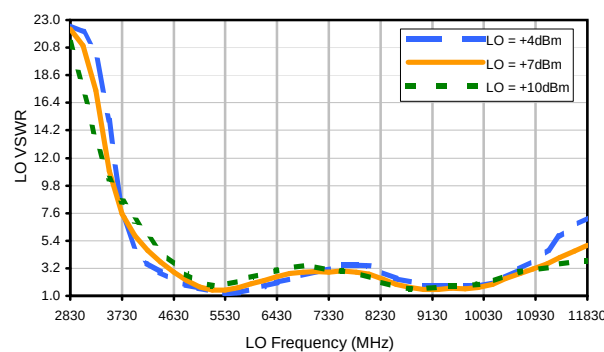
RF-IF Isolation



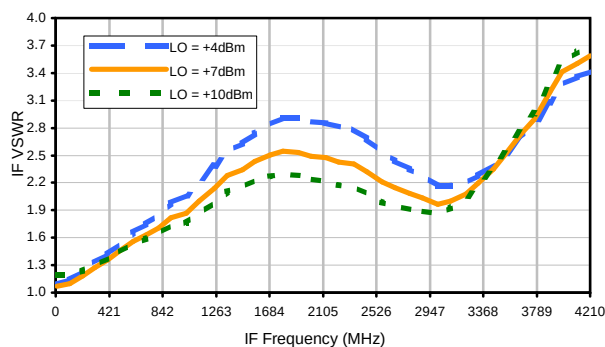
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+13	37	10	---	---	---	---	---	---	---
1	-	21	+0	42	25	43	---	---	---	---	---	---
2	87	59	47	54	48	64	56	---	---	---	---	---
3	>90	>70	69	>70	58	>70	>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: 6850 MHz; -14.00 dBm.
LO IN: 6880 MHz; +7.00 dBm
IF OUT: 30 MHz; -20.47 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+3	49	22	---	---	---	---	---	---	---
1	-	21	+0	45	25	49	---	---	---	---	---	---
2	67	50	37	41	40	61	49	---	---	---	---	---
3	>90	51	49	61	37	60	62	69	---	---	---	---
4	---	---	78	70	61	61	60	70	74	---	---	---
5	---	---	---	78	71	>79	55	78	68	>79	---	---
6	---	---	---	---	>79	>79	>79	74	74	>79	75	---
7	---	---	---	---	---	>79	>79	>79	70	>79	>79	>79
8	---	---	---	---	---	---	>79	>79	>79	>79	>79	>79
9	---	---	---	---	---	---	---	>79	>79	>79	>79	>79
10	---	---	---	---	---	---	---	---	>79	>79	>79	>79
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 6850 MHz; -4.00 dBm.
LO IN: 6880 MHz; +7.00 dBm
IF OUT: 30 MHz; -10.55 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.