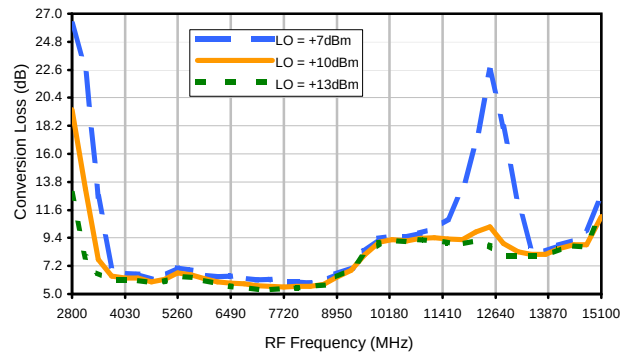
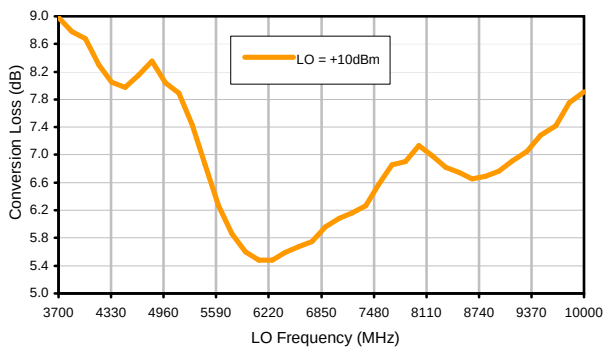


Typical Performance Curves

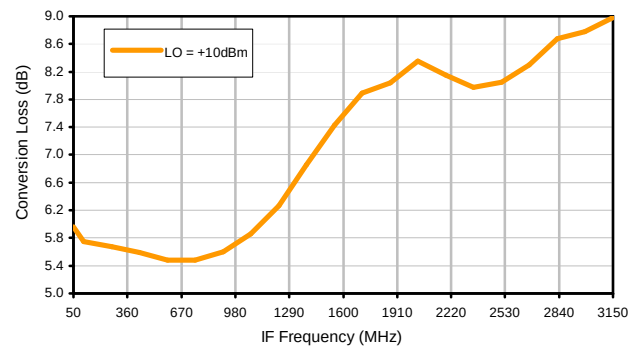
Conversion Loss @ IF=30MHz



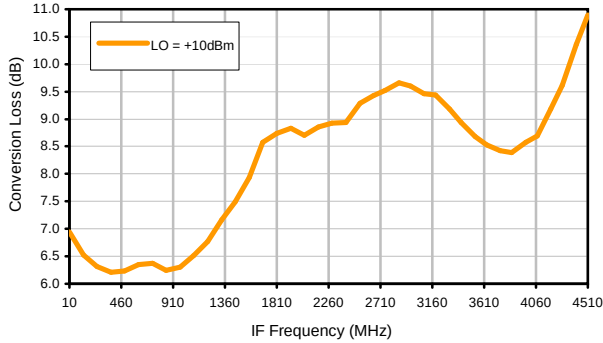
Conversion Loss vs. LO @ RF=6850MHz



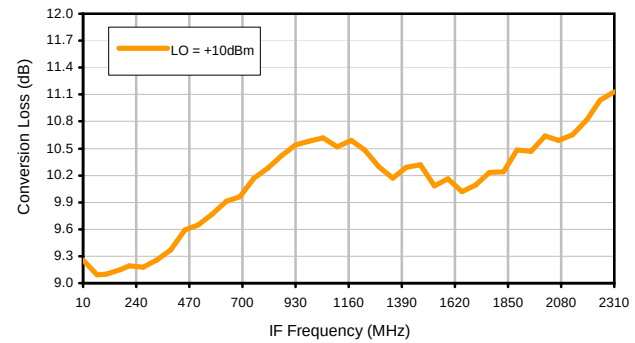
Conversion Loss vs. IF @ RF=6850MHz



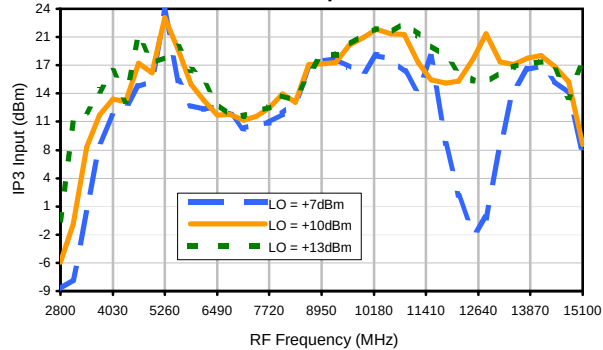
Conversion Loss vs. IF @ RF=3690MHz



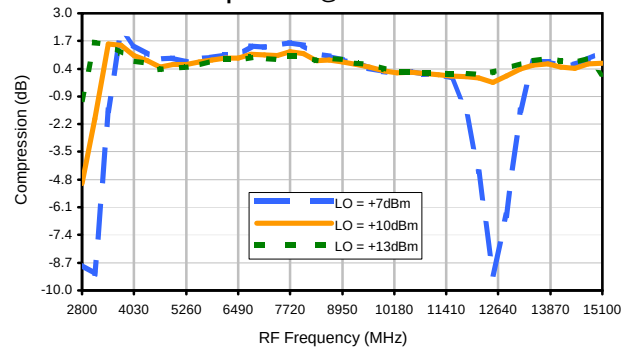
Conversion Loss vs. IF @ RF=10010MHz



IP3 Input

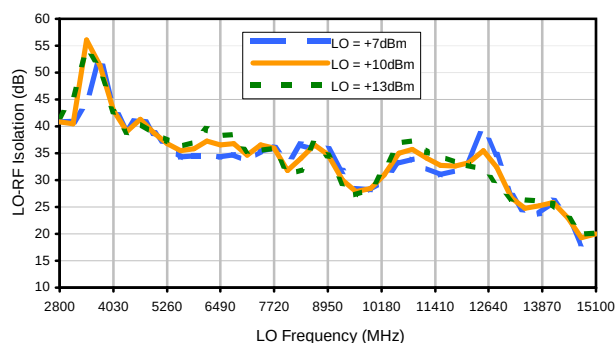


Compression @ RF IN=+5dBm

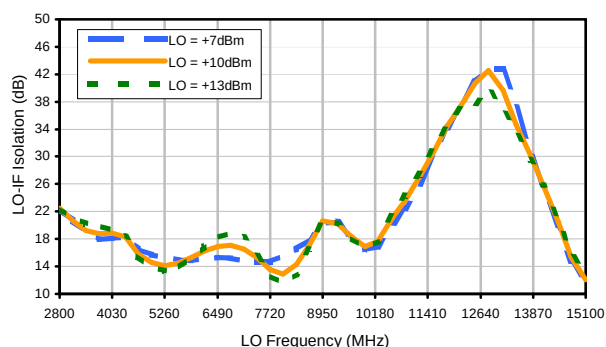


Typical Performance Curves

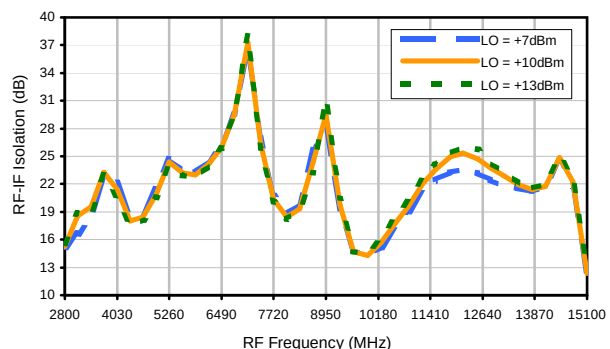
LO-RF Isolation



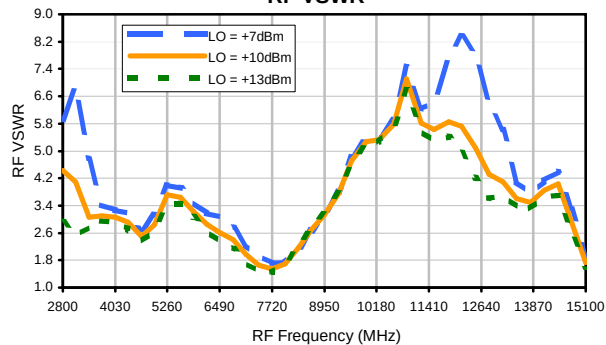
LO-IF Isolation



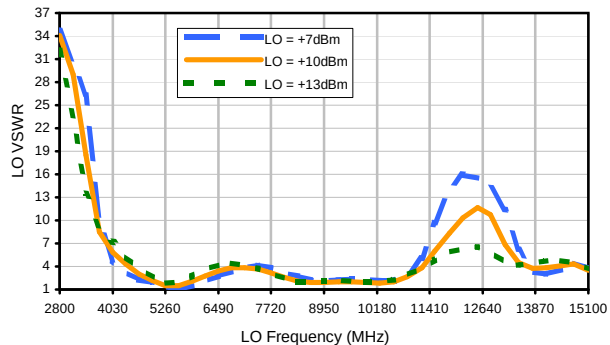
RF-IF Isolation



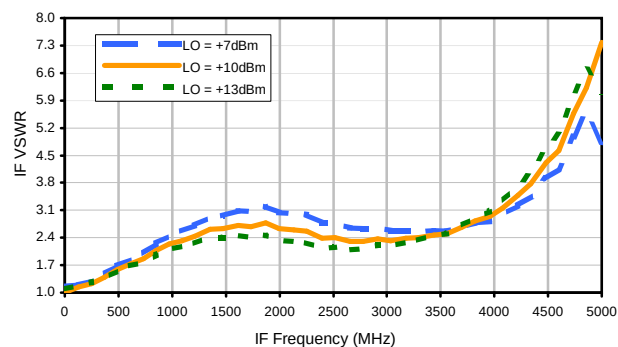
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+9	36	16	---	---	---	---	---	---	---
1	-	24	+0	46	29	43	---	---	---	---	---	---
2	78	58	47	58	46	67	55	---	---	---	---	---
3	>90	>74	69	>74	59	>74	72	>74	---	---	---	---
4	---	---	>74	>74	>74	>74	>74	>74	>74	---	---	---
5	---	---	---	>74	>74	>74	>74	>74	>74	>74	---	---
6	---	---	---	---	>74	>74	>74	>74	>74	>74	>74	---
7	---	---	---	---	---	>74	>74	>74	>74	>74	>74	>74
8	---	---	---	---	---	---	>74	>74	>74	>74	>74	>74
9	---	---	---	---	---	---	---	>74	>74	>74	>74	>74
10	---	---	---	---	---	---	---	---	>74	>74	>74	>74
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 6850 MHz; -10.00 dBm.
LO IN: 6880 MHz; +10.00 dBm
IF OUT: 30 MHz; -16.01 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	1	53	27	---	---	---	---	---	---	---
1	-	24	+0	49	28	49	---	---	---	---	---	---
2	58	51	38	45	39	64	50	---	---	---	---	---
3	86	55	50	60	36	64	60	66	---	---	---	---
4	---	---	>84	69	61	73	57	74	71	---	---	---
5	---	---	---	80	70	73	52	76	66	76	---	---
6	---	---	---	---	>84	79	75	76	67	83	73	---
7	---	---	---	---	---	>84	>84	79	64	81	75	81
8	---	---	---	---	---	---	>84	>84	82	>84	75	>84
9	---	---	---	---	---	---	---	>84	>84	>84	75	>84
10	---	---	---	---	---	---	---	---	>84	>84	>84	>84
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 6850 MHz; 0.00 dBm.
LO IN: 6880 MHz; +10.00 dBm
IF OUT: 30 MHz; -6.17 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.