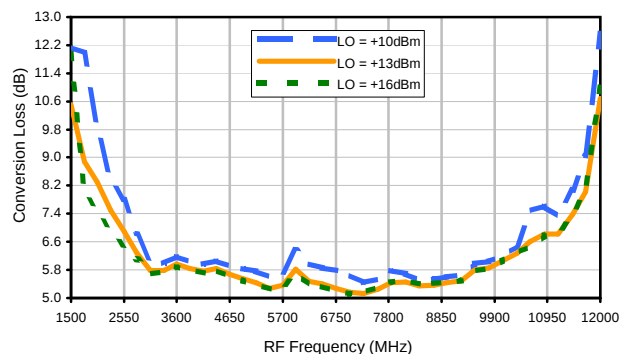
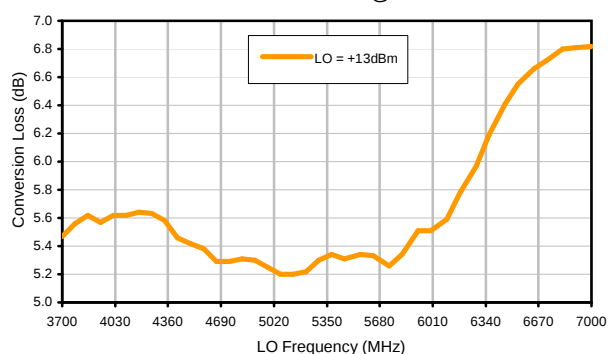


Typical Performance Curves

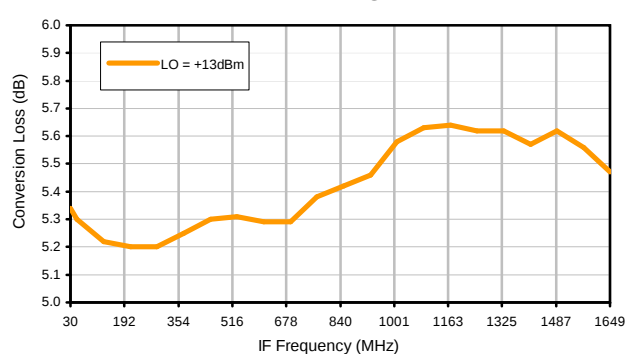
Conversion Loss @ IF=30MHz



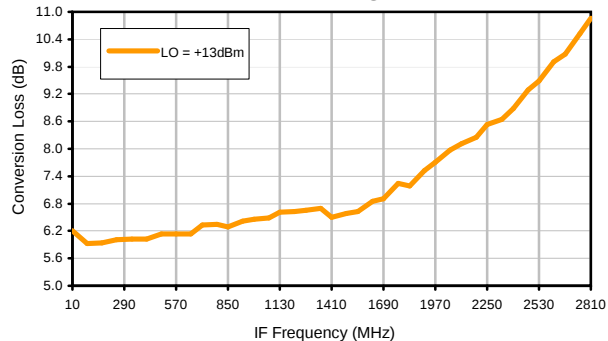
Conversion Loss vs. LO @ RF=5350MHz



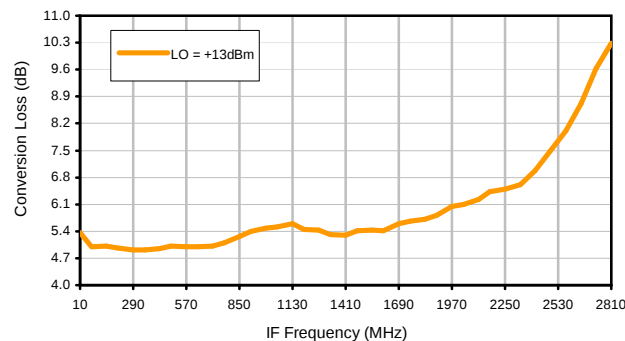
Conversion Loss vs. IF @ RF=5350MHz



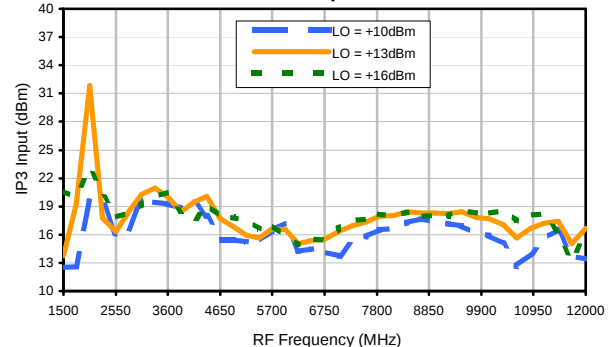
Conversion Loss vs. IF @ RF=3690MHz



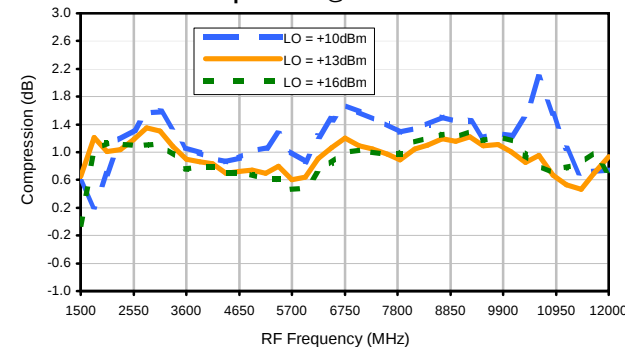
Conversion Loss vs. IF @ RF=7010.1MHz



IP3 Input

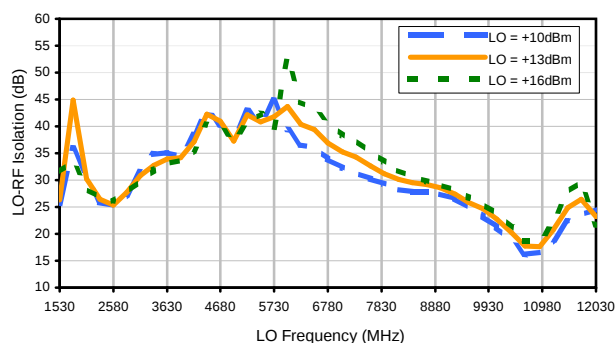


Compression @ RF IN=+9dBm

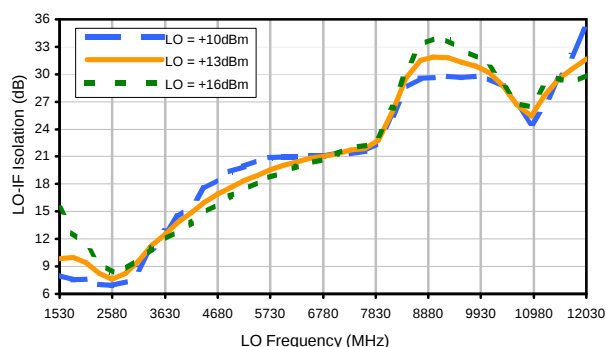


Typical Performance Curves

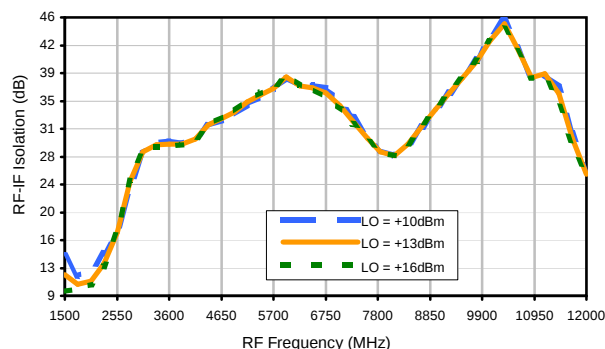
LO-RF Isolation



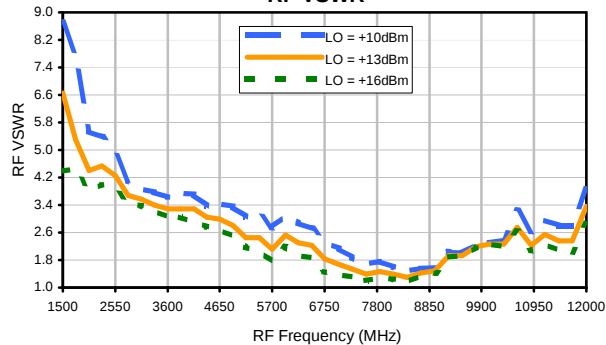
LO-IF Isolation



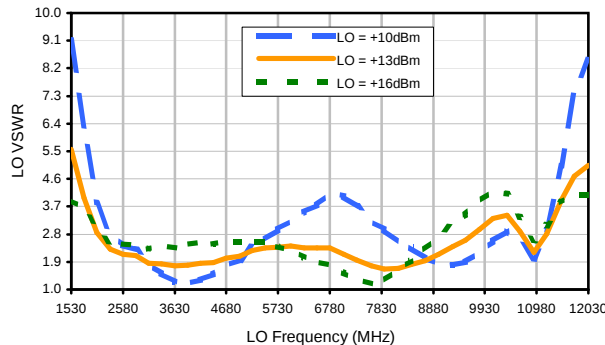
RF-IF Isolation



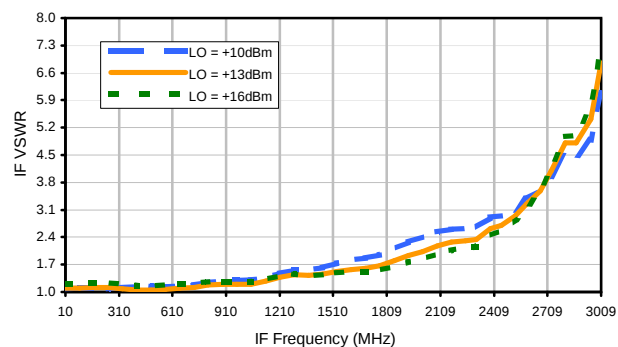
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+6	41	16	55	---	---	---	---	---	---
1	-	30	+0	54	39	49	52	---	---	---	---	---
2	76	71	57	49	58	73	56	71	---	---	---	---
3	>90	>78	>78	>78	56	>78	>78	>78	>78	---	---	---
4	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	---	---
5	---	---	>78	>78	>78	>78	>78	>78	>78	>78	>78	---
6	---	---	---	>78	>78	>78	>78	>78	>78	>78	>78	>78
7	---	---	---	---	>78	>78	>78	>78	>78	>78	>78	>78
8	---	---	---	---	---	>78	>78	>78	>78	>78	>78	>78
9	---	---	---	---	---	---	>78	>78	>78	>78	>78	>78
10	---	---	---	---	---	---	---	>78	>78	>78	>78	>78
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 5350 MHz; -6.00 dBm.

LO IN: 5380 MHz; +13.00 dBm

IF OUT: 30 MHz; -11.72 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	4	51	27	63	---	---	---	---	---	---
1	-	30	+0	56	39	49	55	---	---	---	---	---
2	56	60	46	38	49	67	49	69	---	---	---	---
3	77	62	66	74	35	71	66	67	67	---	---	---
4	>90	80	80	>88	74	58	67	80	67	76	---	---
5	---	---	>88	86	88	>88	58	84	82	79	85	---
6	---	---	---	>88	>88	>88	>88	72	84	>88	80	88
7	---	---	---	---	>88	>88	>88	>88	73	>88	>88	87
8	---	---	---	---	---	>88	>88	>88	>88	84	>88	>88
9	---	---	---	---	---	---	>88	>88	>88	>88	87	>88
10	---	---	---	---	---	---	---	>88	>88	>88	>88	>88
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 5350 MHz; 4.00 dBm.

LO IN: 5380 MHz; +13.00 dBm

IF OUT: 30 MHz; -1.87 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.

REV. X3

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