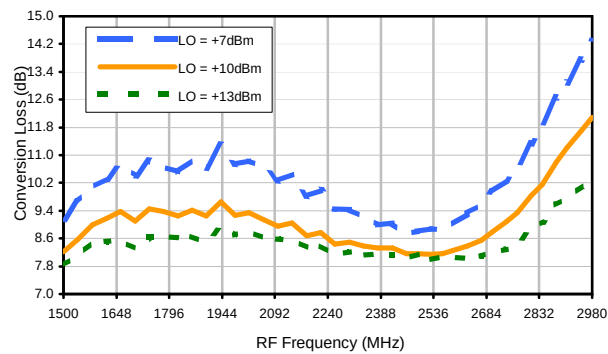
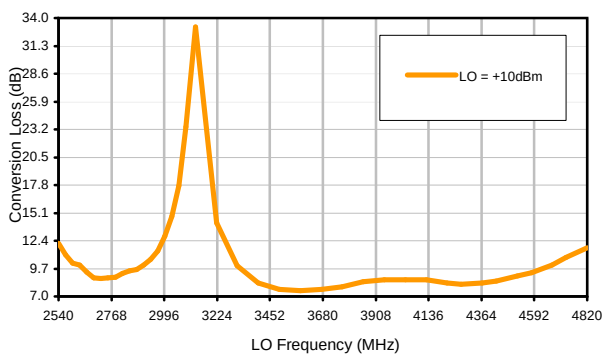


Typical Performance Curves

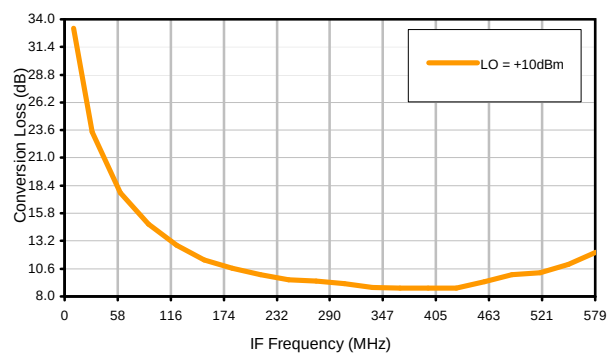
Conversion Loss @ IF=1900MHz



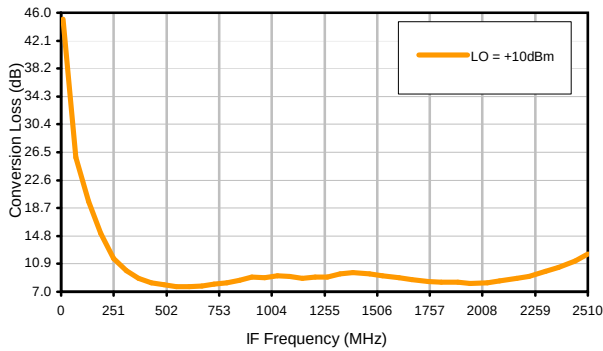
Conversion Loss vs. LO @ RF=3120.1001MHz



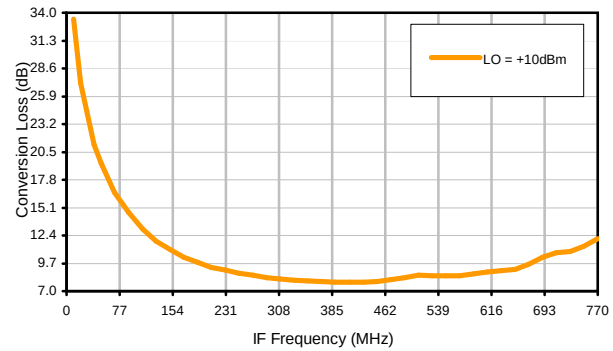
Conversion Loss vs. IF @ RF=3120.1001MHz



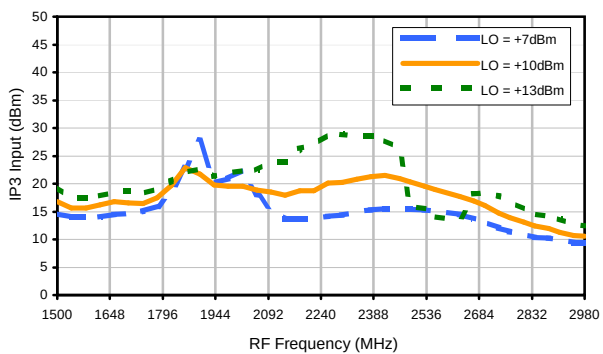
Conversion Loss vs. IF @ RF=2440MHz



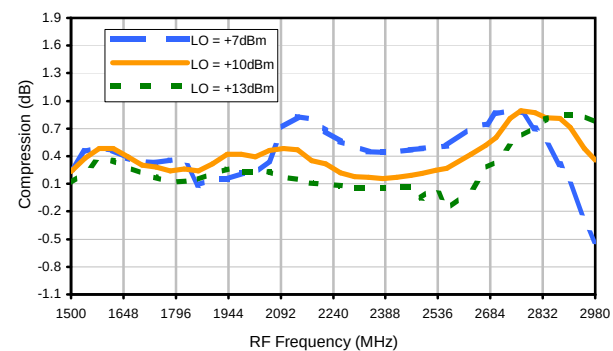
Conversion Loss vs. IF @ RF=3340.1001MHz



IP3 Input

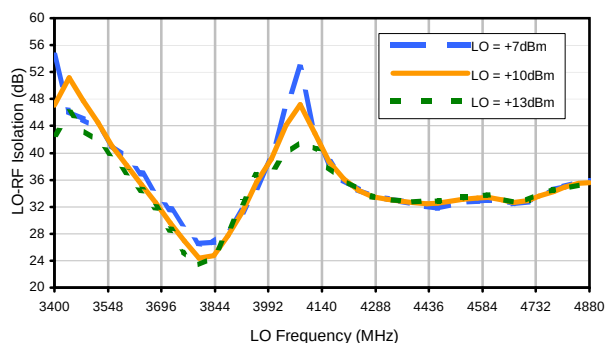


Compression @ RF IN=+7dBm

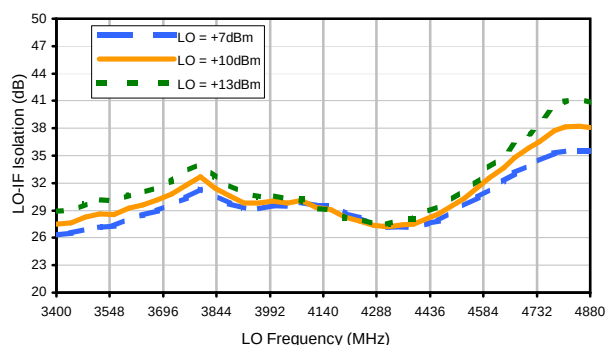


Typical Performance Curves

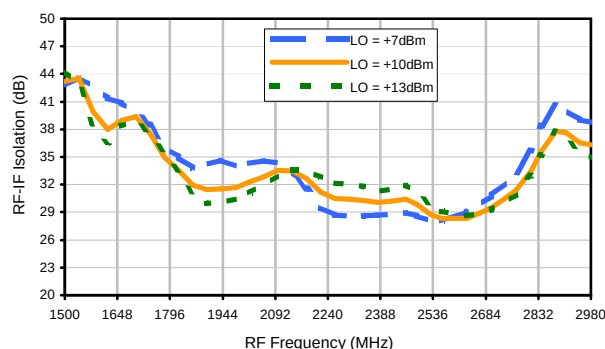
LO-RF Isolation



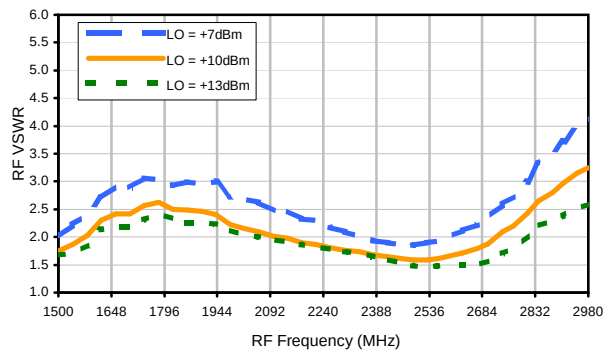
LO-IF Isolation



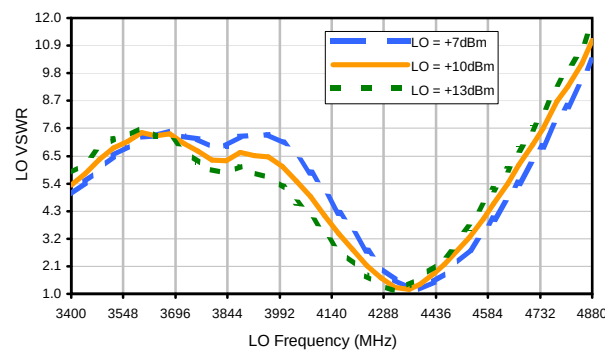
RF-IF Isolation



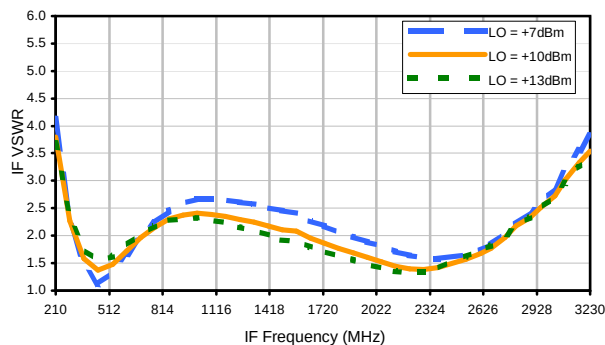
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	1	1	35	21	59	---	---	---	---	---
1	-	23	+0	38	25	38	50	>74	---	---	---	---
2	78	46	54	64	65	49	70	>74	---	---	---	---
3	>90	71	60	>74	>74	>74	>74	>74	>74	---	---	---
4	>90	>74	>74	>74	>74	>74	>74	>74	>74	---	---	---
5	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	---	---
6	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	---	---
7	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	---
8	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
9	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
10	---	---	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 2440 MHz; -8.00 dBm.

LO IN: 4340 MHz; +10.00 dBm

IF OUT: 1900 MHz; -16.36 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	11	11	44	32	69	---	---	---	---	---
1	-	22	+0	38	25	38	51	79	---	---	---	---
2	58	37	45	54	56	40	61	74	---	---	---	---
3	>90	51	41	58	56	67	57	79	>84	---	---	---
4	>90	70	67	72	65	76	>84	>84	>84	---	---	---
5	>90	>84	83	83	72	>84	>84	83	>84	>84	---	---
6	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	---	---
7	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	---
8	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
9	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
10	---	---	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 2440 MHz; 2.00 dBm.

LO IN: 4340 MHz; +10.00 dBm

IF OUT: 1900 MHz; -6.5 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. X2

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101012

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