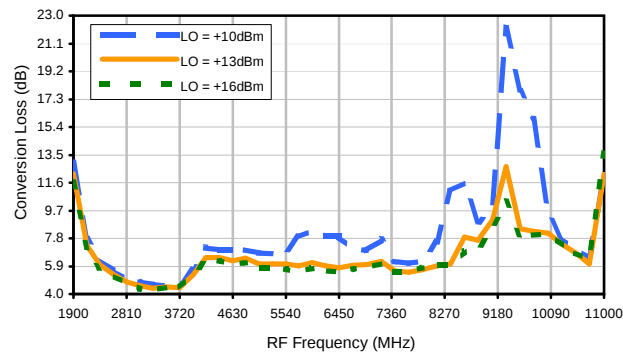
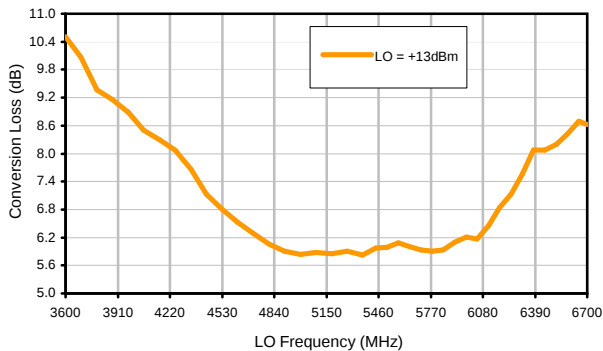


Typical Performance Curves

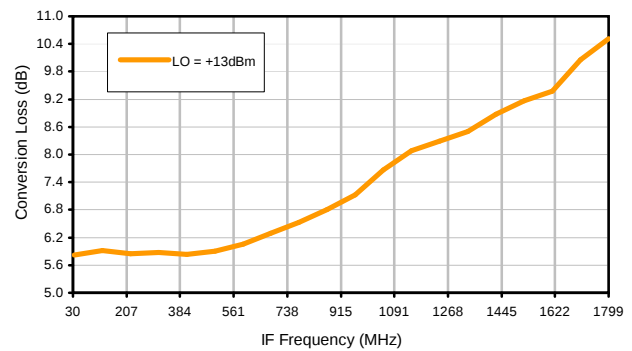
Conversion Loss @ IF=30MHz



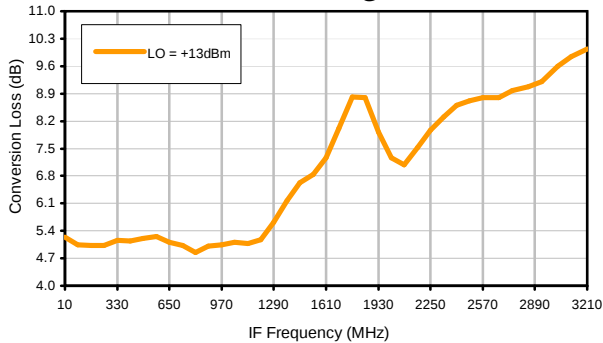
Conversion Loss vs. LO @ RF=5400MHz



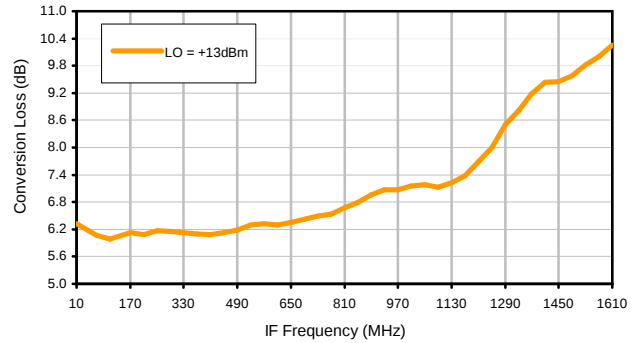
Conversion Loss vs. IF @ RF=5400MHz



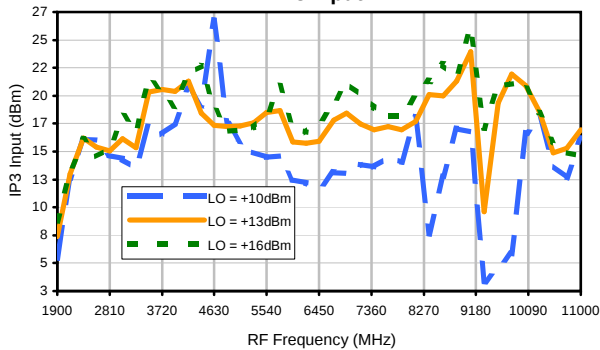
Conversion Loss vs. IF @ RF=2790MHz



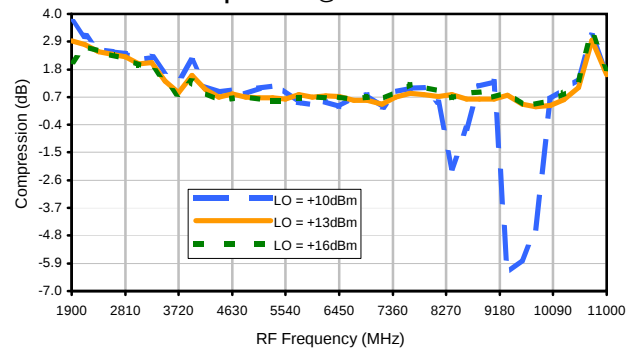
Conversion Loss vs. IF @ RF=8010.1MHz



IP3 Input

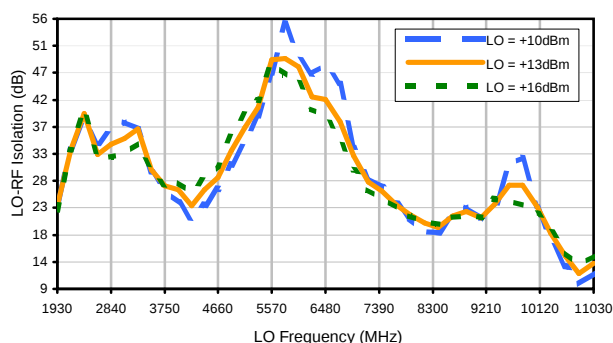


Compression @ RF IN=+9dBm

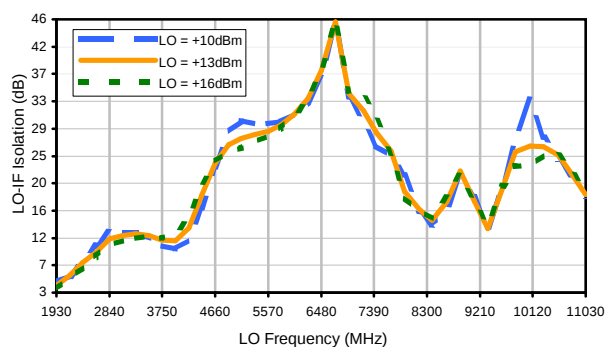


Typical Performance Curves

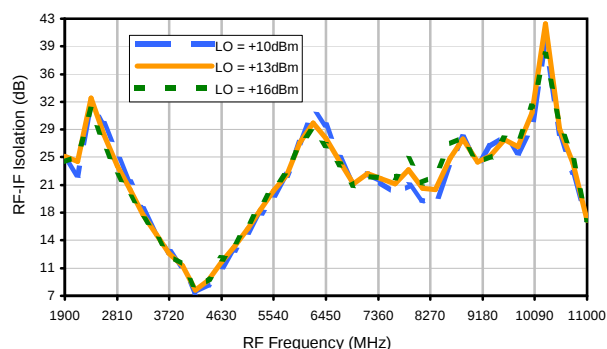
LO-RF Isolation



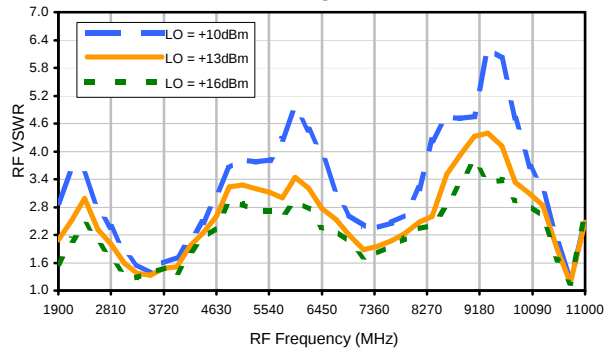
LO-IF Isolation



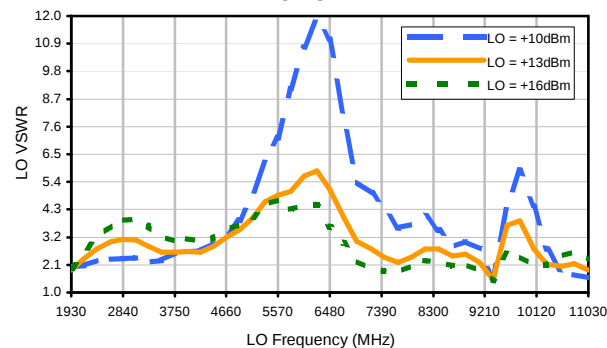
RF-IF Isolation



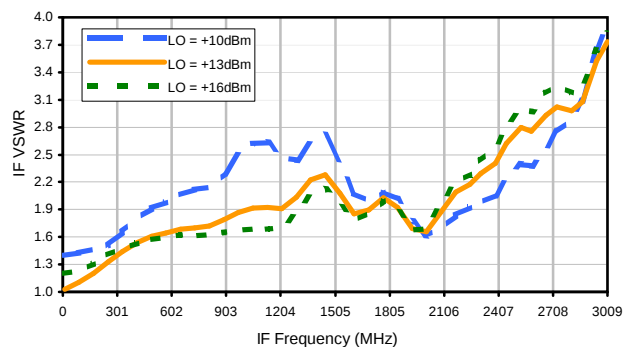
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	2	35	19	52	---	---	---	---	---	---
1	-	12	+0	37	30	52	51	---	---	---	---	---
2	76	60	65	58	62	61	59	60	---	---	---	---
3	>90	74	66	73	70	72	77	>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	

Test conditions:

RF IN: 5400 MHz; -6.00 dBm.

LO IN: 5430 MHz; +13.00 dBm

IF OUT: 30 MHz; -12.15 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	12	44	31	54	---	---	---	---	---	---
1	-	13	+0	40	30	63	64	---	---	---	---	---
2	56	49	56	49	56	53	53	60	---	---	---	---
3	77	53	47	54	49	53	67	65	63	---	---	---
4	88	63	80	71	70	69	72	65	68	67	---	---
5	---	---	>88	87	76	79	58	75	73	80	73	---
6	---	---	---	83	>88	84	86	75	>88	75	81	76
7	---	---	---	---	>88	>88	>88	86	74	>88	85	>88
8	---	---	---	---	---	>88	>88	>88	>88	>88	>88	88
9	---	---	---	---	---	---	>88	>88	>88	>88	>88	>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: 5400 MHz; 4.00 dBm.

LO IN: 5430 MHz; +13.00 dBm

IF OUT: 30 MHz; -2.17 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.

REV. X3

MCA1-80MH+

101027

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