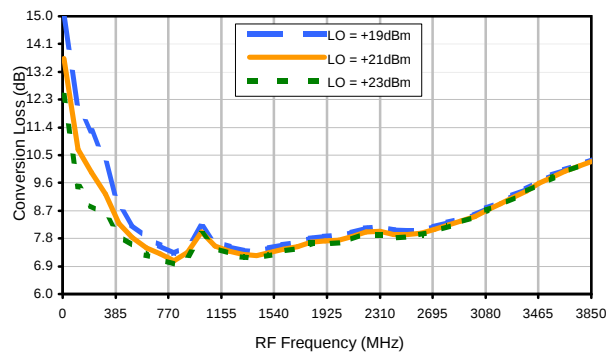
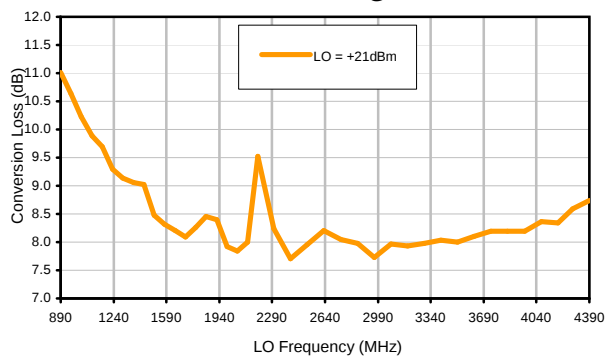


Typical Performance Curves

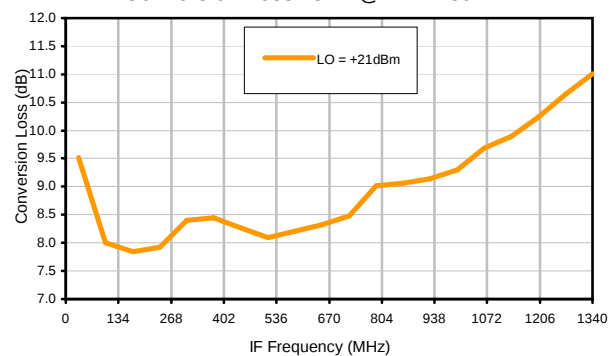
Conversion Loss @ IF=540MHz



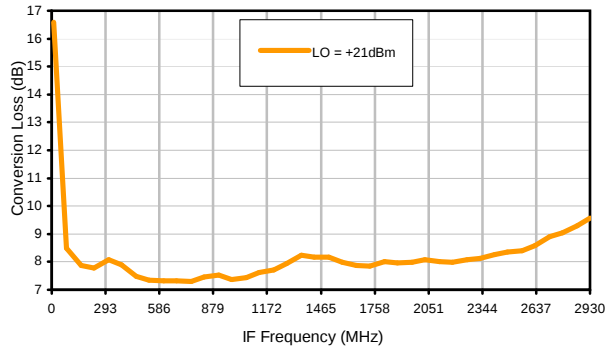
Conversion Loss vs. LO @ RF=2230.1MHz



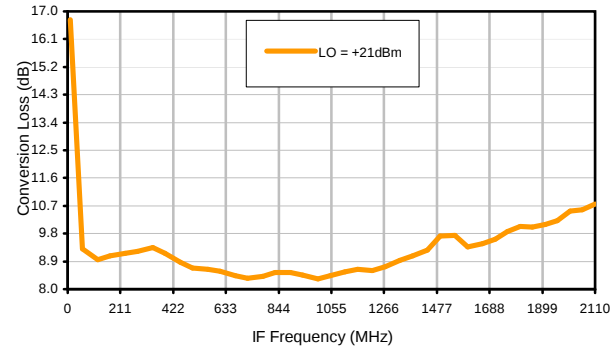
Conversion Loss vs. IF @ RF=2230.1MHz



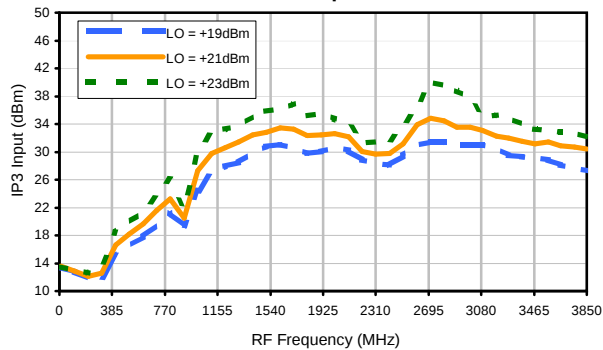
Conversion Loss vs. IF @ RF=1460.1MHz



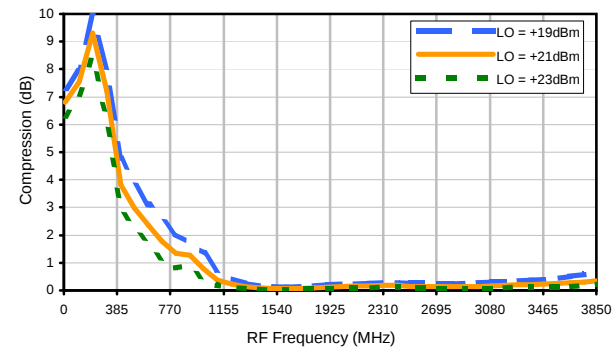
Conversion Loss vs. IF @ RF=3000.1MHz



IP3 Input

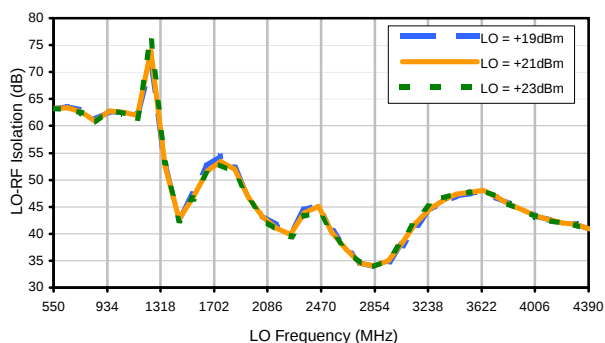


Compression @ RF IN=+15dBm

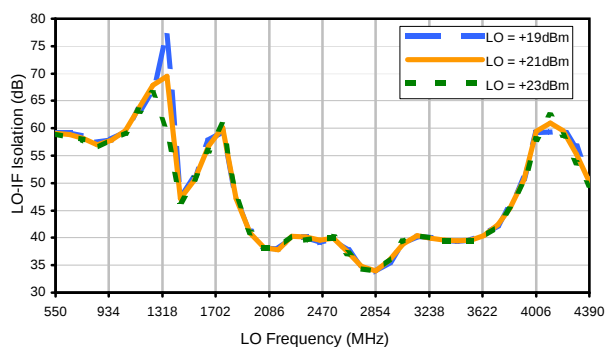


Typical Performance Curves

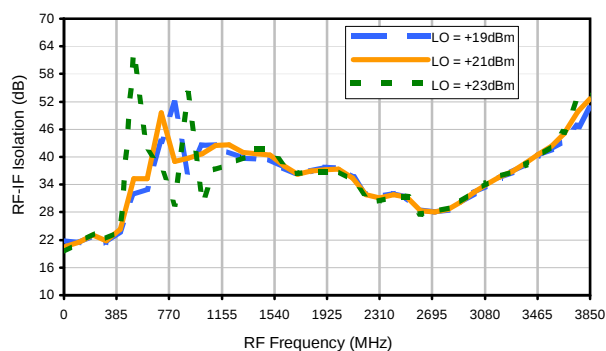
LO-RF Isolation



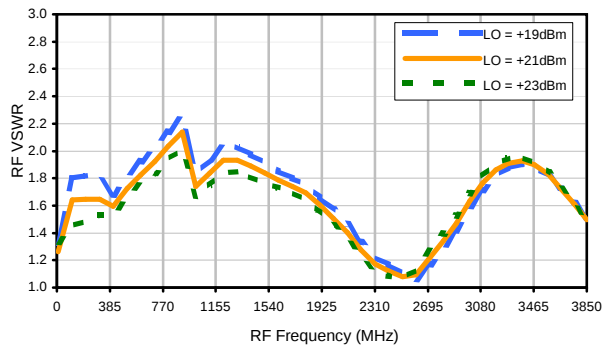
LO-IF Isolation



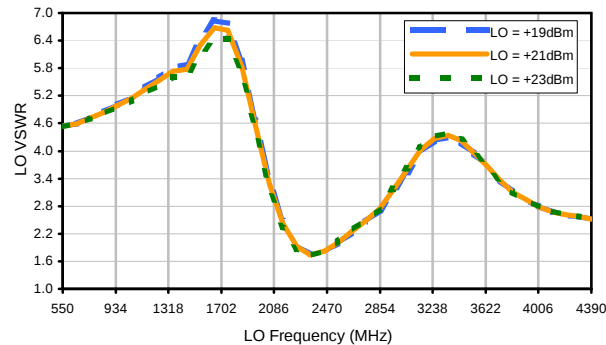
RF-IF Isolation



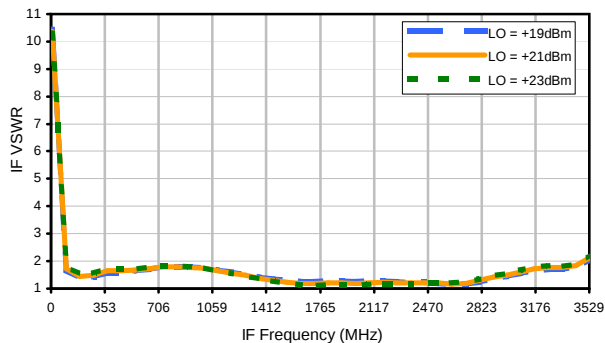
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	6	10	24	30	50	58	65	58	---	---
1	-	24	+0	30	25	34	41	43	66	77	76	---
2	70	57	61	49	60	66	71	73	79	>82	>82	>82
3	>90	>82	74	78	62	81	>82	>82	78	>82	>82	>82
4	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
5	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
6	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
7	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
8	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
9	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
10	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 2230 MHz; 0.00 dBm.

LO IN: 2770 MHz; +21.00 dBm

IF OUT: 540 MHz; -8.17 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	14	20	34	39	54	66	76	65	---	---
1	-	24	+0	30	26	35	42	44	71	81	75	---
2	50	48	50	39	50	61	62	72	73	85	90	79
3	84	71	52	60	44	63	61	69	68	78	>92	>92
4	>90	74	72	69	76	64	76	66	80	83	>92	>92
5	>90	86	85	>92	70	80	69	79	84	>92	88	>92
6	>90	>92	>92	87	>92	87	85	82	>92	82	89	>92
7	>90	>92	>92	>92	>92	>92	79	>92	82	>92	>92	>92
8	>90	>92	>92	>92	>92	>92	>92	>92	90	>92	>92	>92
9	>90	>92	>92	>92	>92	>92	>92	>92	90	>92	>92	>92
10	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 2230 MHz; 10.00 dBm.

LO IN: 2770 MHz; +21.00 dBm

IF OUT: 540 MHz; 1.8 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

LAVI-ED13226

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Page 3 of 3



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