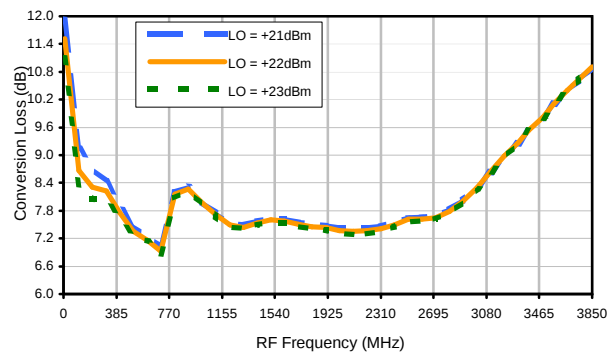
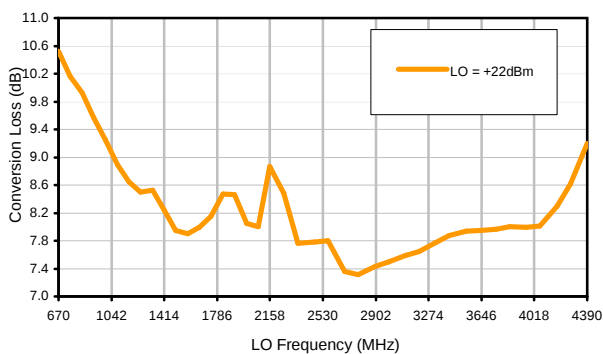


Typical Performance Curves

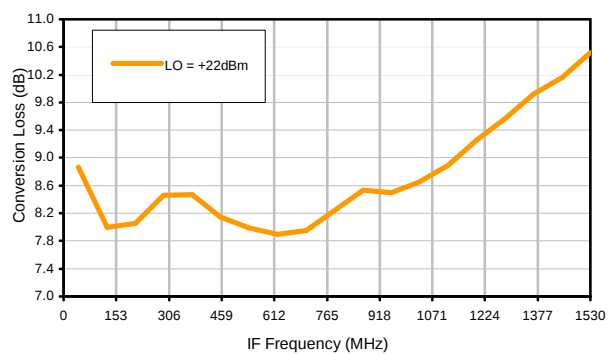
Conversion Loss @ IF=540MHz



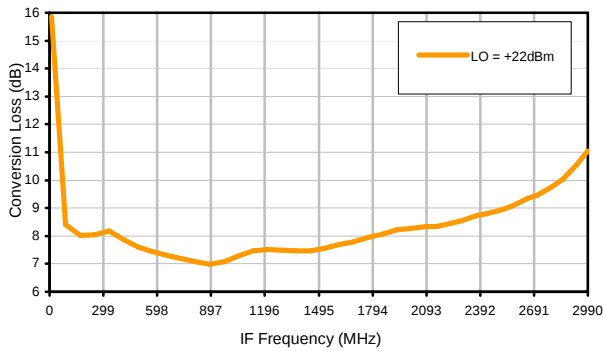
Conversion Loss vs. LO @ RF=2200.1001MHz



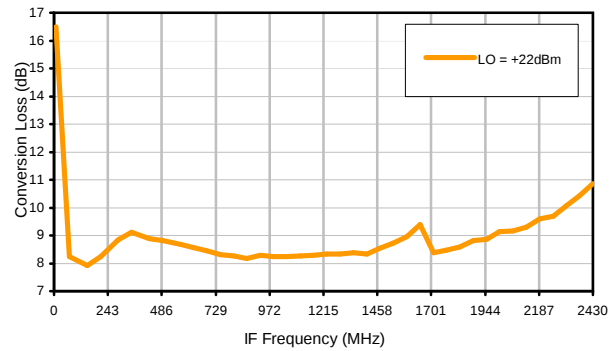
Conversion Loss vs. IF @ RF=2200.1001MHz



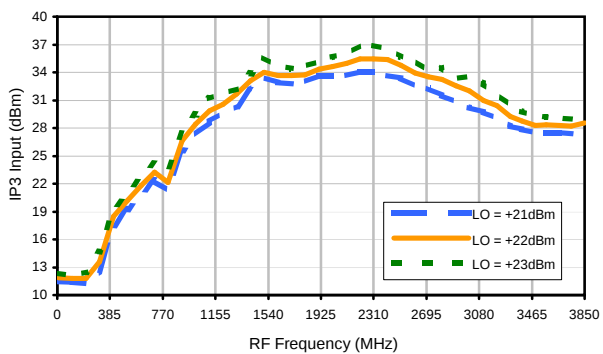
Conversion Loss vs. IF @ RF=1400.1MHz



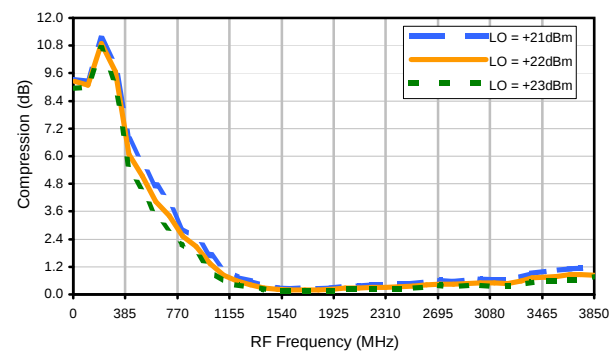
Conversion Loss vs. IF @ RF=3000.1001MHz



IP3 Input



Compression @ RF IN=+20dBm

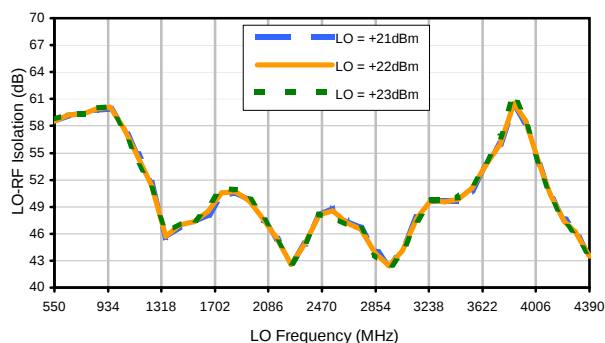


Frequency Mixer

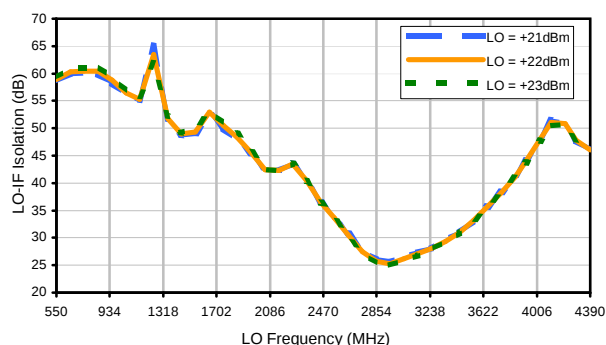
LAVI-ED13017/1

Typical Performance Curves

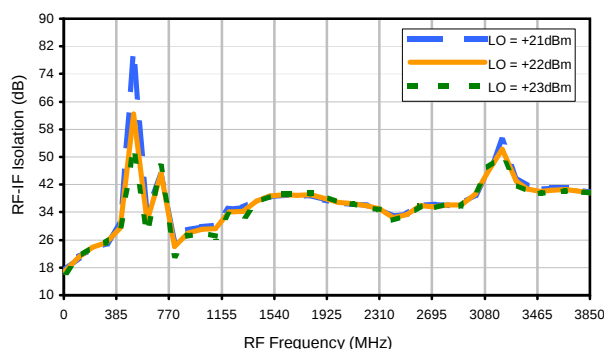
LO-RF Isolation



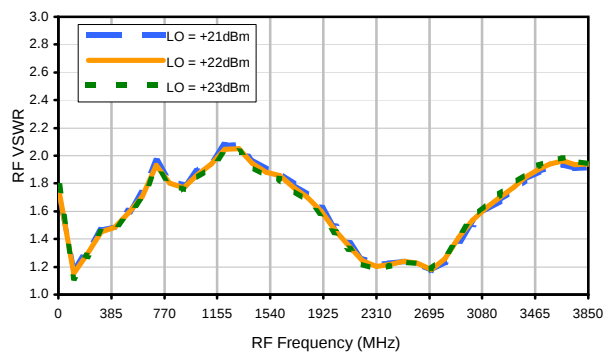
LO-IF Isolation



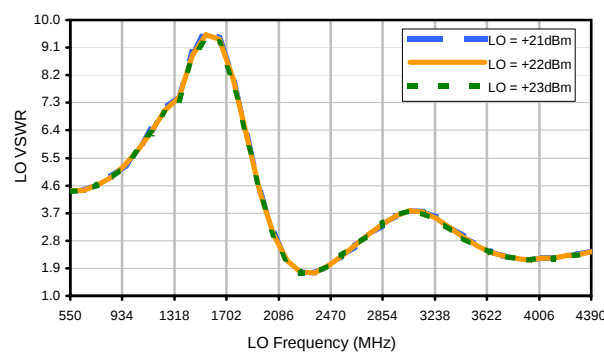
RF-IF Isolation



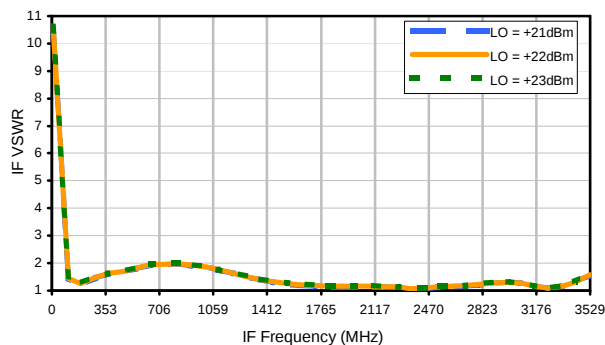
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+2	5	25	34	40	56	42	51	---	---
1	-	29	+0	33	26	37	41	55	57	70	70	---
2	58	59	67	48	61	61	74	73	79	>83	>83	>83
3	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
4	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
5	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
6	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
7	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
8	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
9	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
10	>90	>83	>83	>83	>83	>83	>83	>83	82	>83	80	>83
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2200 MHz; 0.00 dBm.
LO IN: 2740 MHz; +22.00 dBm
IF OUT: 540 MHz; -7.44 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	8	15	35	46	51	68	53	62	---	---
1	-	29	+0	33	26	37	41	55	57	71	71	---
2	38	48	58	38	52	50	63	62	70	83	78	84
3	67	84	64	65	61	78	78	85	83	91	>93	92
4	90	88	84	87	79	78	83	>93	>93	>93	>93	>93
5	>90	>93	>93	>93	90	>93	83	>93	>93	>93	>93	>93
6	>90	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
7	>90	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
8	>90	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
9	>90	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93	>93
10	>90	>93	>93	>93	>93	>93	>93	>93	93	>93	90	>93
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2200 MHz; 10.00 dBm.
LO IN: 2740 MHz; +22.00 dBm
IF OUT: 540 MHz; 2.59 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.