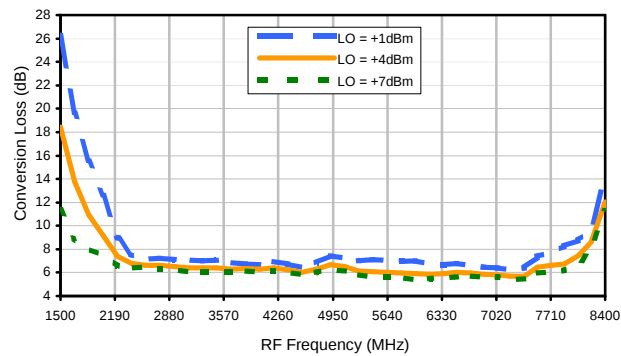
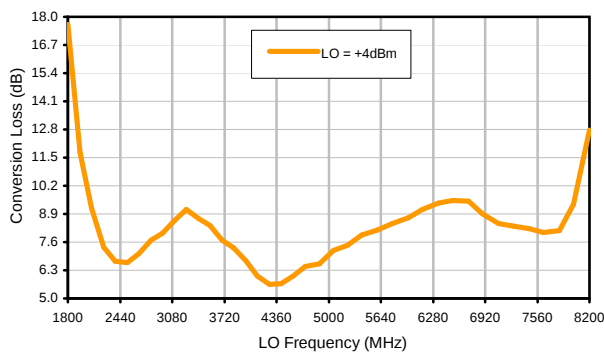


Typical Performance Curves

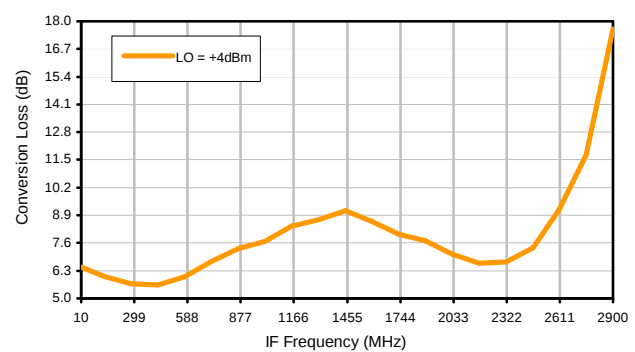
Conversion Loss @ IF=30MHz



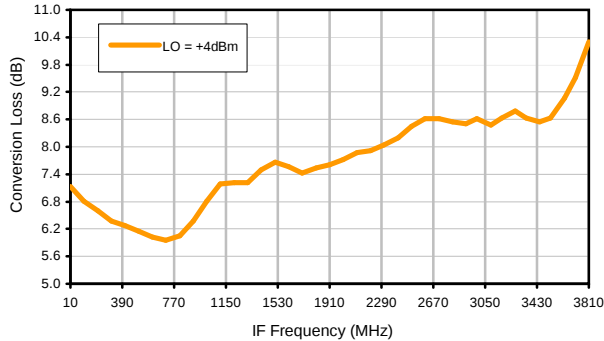
Conversion Loss vs. LO @ RF=4700MHz



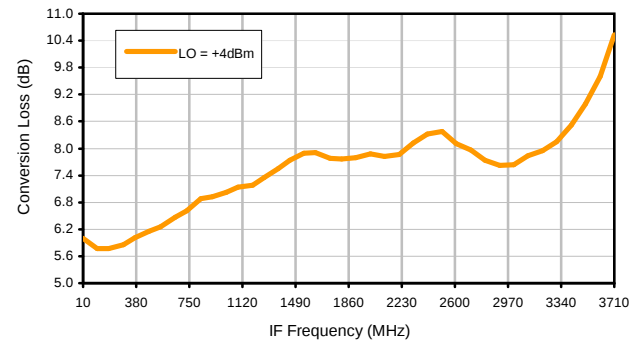
Conversion Loss vs. IF @ RF=4700MHz



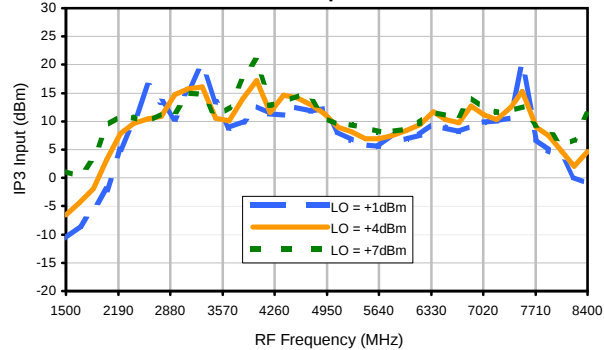
Conversion Loss vs. IF @ RF=2390MHz



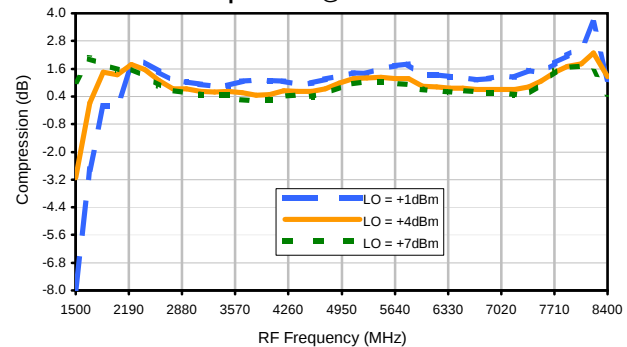
Conversion Loss vs. IF @ RF=7010MHz



IP3 Input

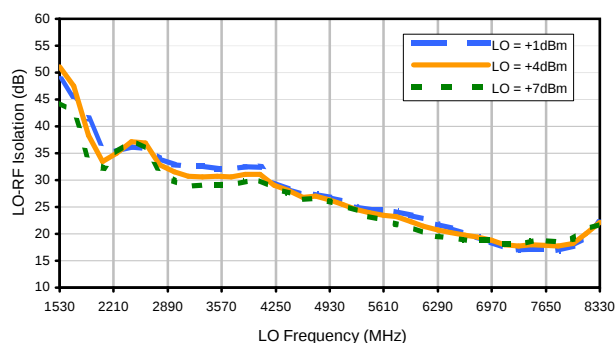


Compression @ RF IN=+1dBm

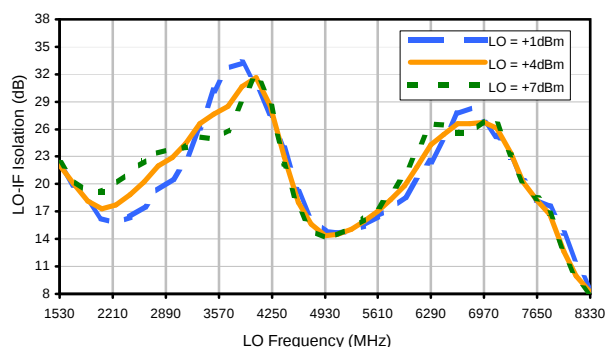


Typical Performance Curves

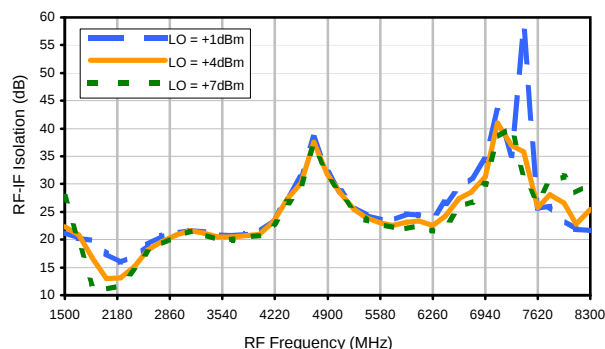
LO-RF Isolation



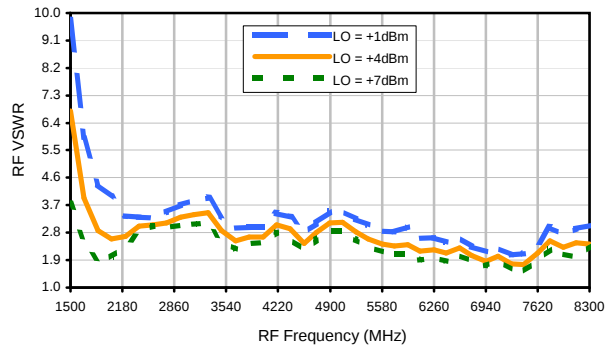
LO-IF Isolation



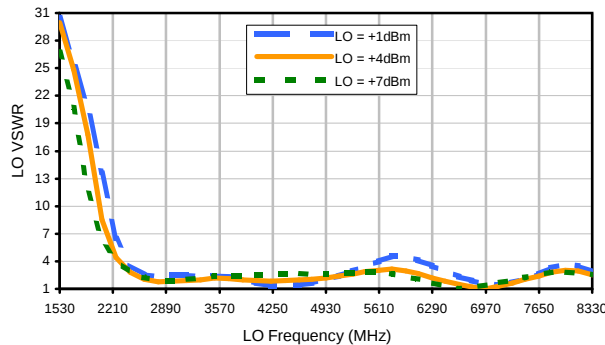
RF-IF Isolation



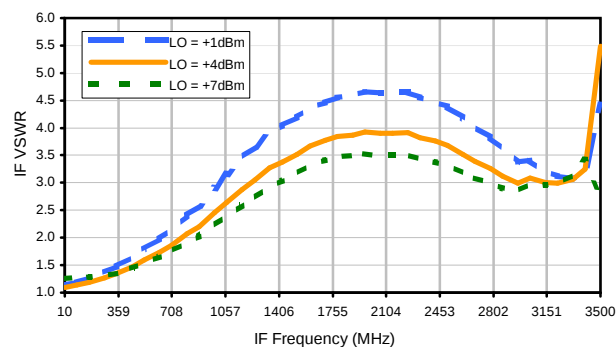
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+9	6	17	42	21	---	---	---	---	---
1	-	31	+0	45	13	39	55	46	---	---	---	---
2	89	56	61	61	56	54	62	>70	58	---	---	---
3	>90	>70	61	>70	64	>70	62	>70	>70	>70	---	---
4	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	---
5	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
6	---	---	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
7	---	---	---	>70	>70	>70	>70	>70	>70	>70	>70	>70
8	---	---	---	---	>70	>70	>70	>70	>70	>70	>70	>70
9	---	---	---	---	---	>70	>70	>70	>70	>70	>70	>70
10	---	---	---	---	---	---	>70	>70	>70	>70	>70	>70
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 4700 MHz; -14.00 dBm.
LO IN: 4730 MHz; +4.00 dBm
IF OUT: 30 MHz; -20.36 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	1	16	27	52	34	---	---	---	---	---
1	-	30	+0	47	13	42	54	51	---	---	---	---
2	72	44	51	47	47	44	56	72	50	---	---	---
3	75	49	40	64	42	63	42	59	>80	64	---	---
4	>90	>80	>80	65	77	64	68	60	73	>80	72	---
5	>90	>80	>80	>80	67	>80	71	>80	65	>80	>80	>80
6	---	---	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
7	---	---	---	>80	>80	>80	>80	>80	>80	>80	>80	>80
8	---	---	---	---	>80	>80	>80	>80	>80	>80	>80	>80
9	---	---	---	---	---	>80	>80	>80	>80	>80	>80	>80
10	---	---	---	---	---	---	>80	>80	>80	>80	>80	>80
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 4700 MHz; -4.00 dBm.
LO IN: 4730 MHz; +4.00 dBm
IF OUT: 30 MHz; -10.36 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.