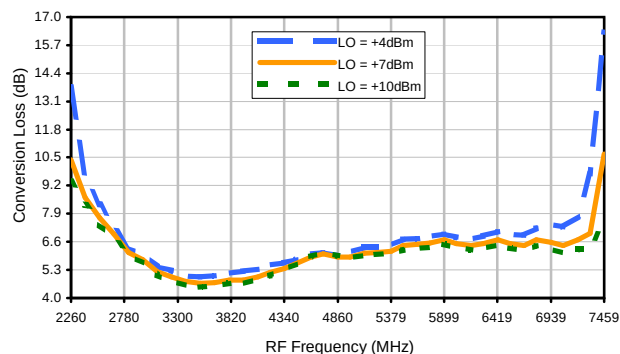
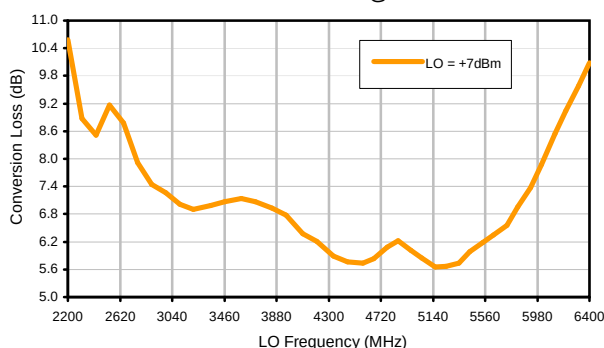


Typical Performance Curves

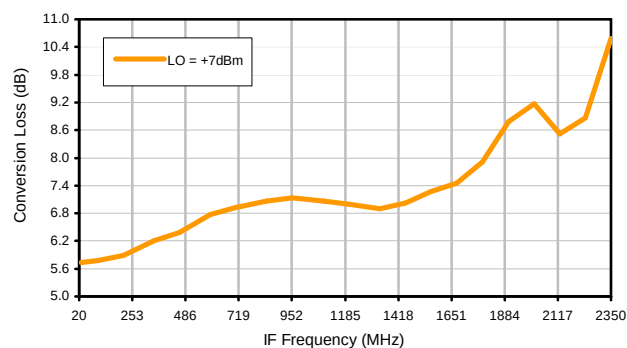
Conversion Loss @ IF=30MHz



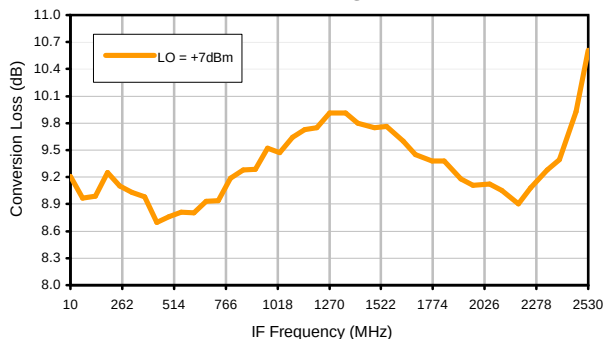
Conversion Loss vs. LO @ RF=4550MHz



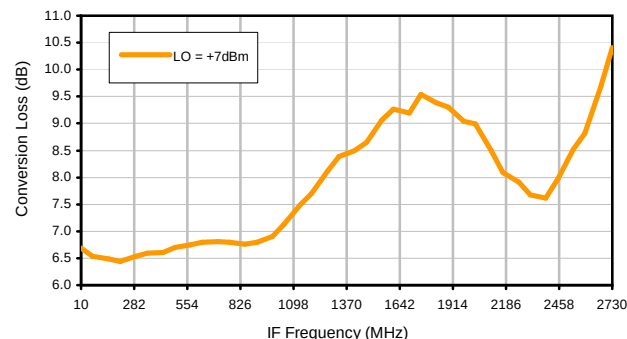
Conversion Loss vs. IF @ RF=4550MHz



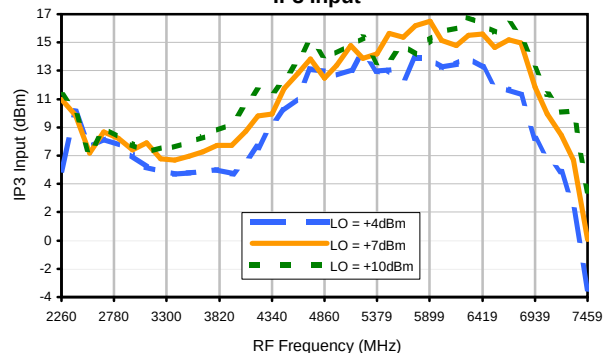
Conversion Loss vs. IF @ RF=2389.89MHz



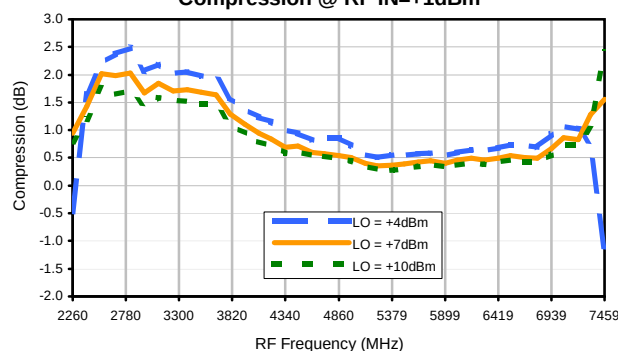
Conversion Loss vs. IF @ RF=6710.1MHz



IP3 Input

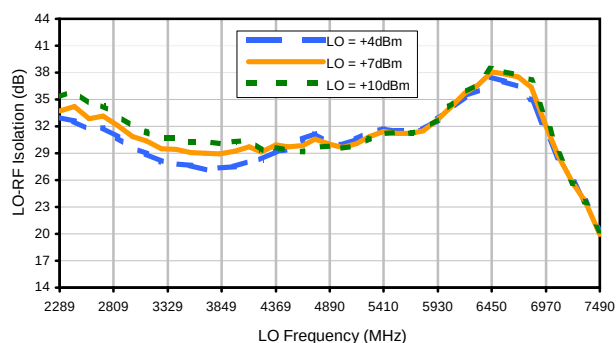


Compression @ RF IN=+1dBm

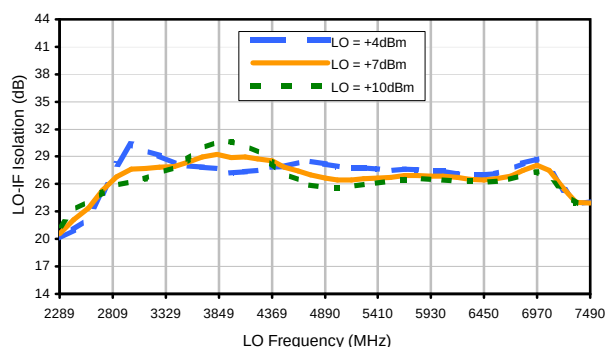


Typical Performance Curves

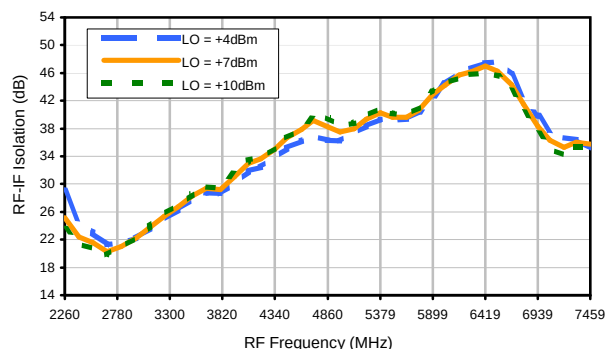
LO-RF Isolation



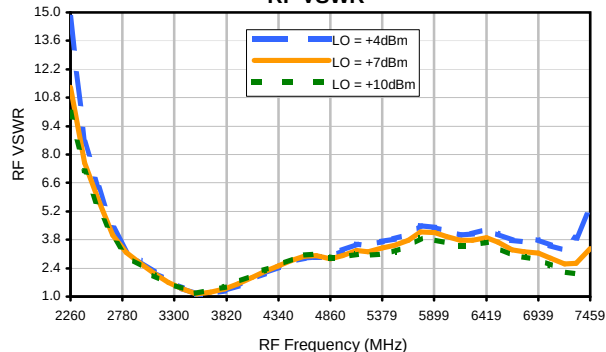
LO-IF Isolation



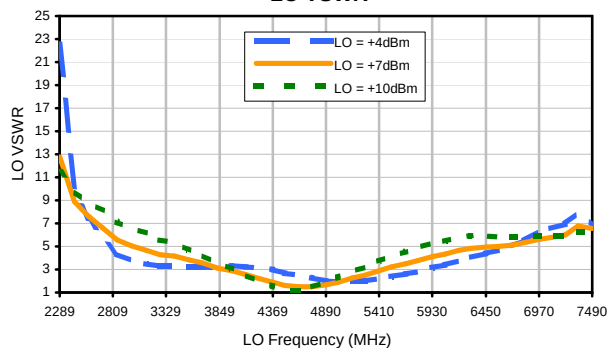
RF-IF Isolation



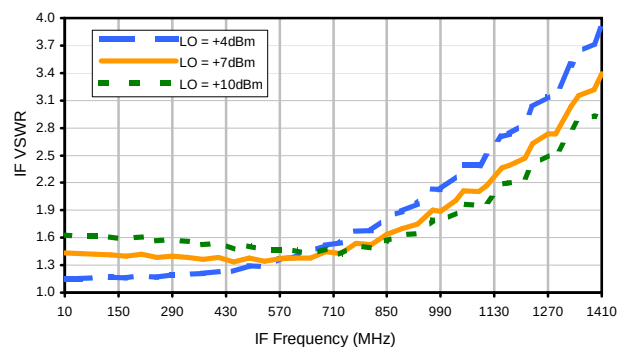
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	1	45	7	45	17	---	---	---	---	---
1	-	31	+0	42	51	38	59	57	---	---	---	---
2	>90	>70	59	53	61	>70	52	>70	52	---	---	---
3	>90	>70	>70	>70	64	>70	>70	>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: 4550 MHz; -14.00 dBm.
LO IN: 4580 MHz; +7.00 dBm
IF OUT: 30 MHz; -20.04 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	11	56	18	56	30	---	---	---	---	---
1	-	31	+0	43	52	41	60	57	---	---	---	---
2	73	71	49	43	53	73	44	73	47	---	---	---
3	>90	52	79	71	44	68	78	65	>80	>80	---	---
4	>90	>80	73	>80	74	67	76	>80	63	>80	63	---
5	>90	>80	>80	>80	>80	>80	74	>80	>80	>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: 4550 MHz; -4.00 dBm.
LO IN: 4580 MHz; +7.00 dBm
IF OUT: 30 MHz; -10.21 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.