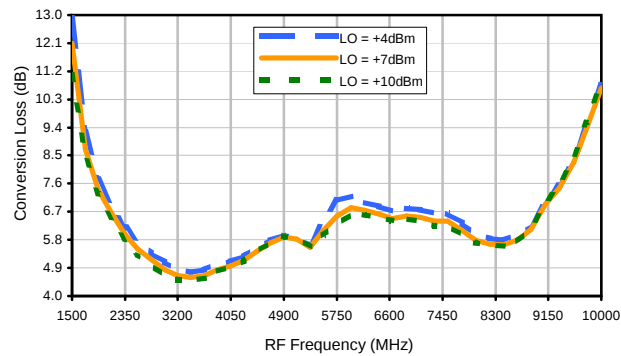
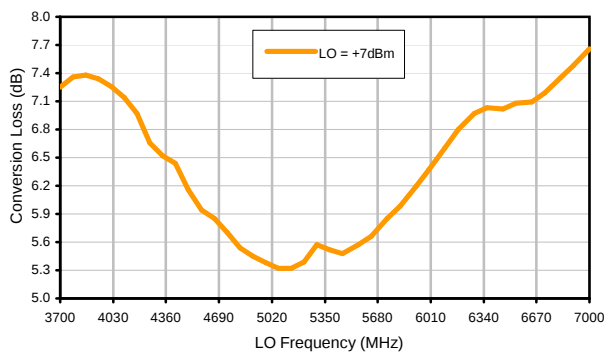


Typical Performance Curves

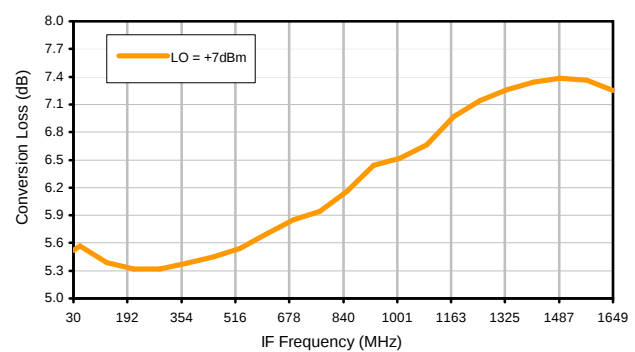
Conversion Loss @ IF=30MHz



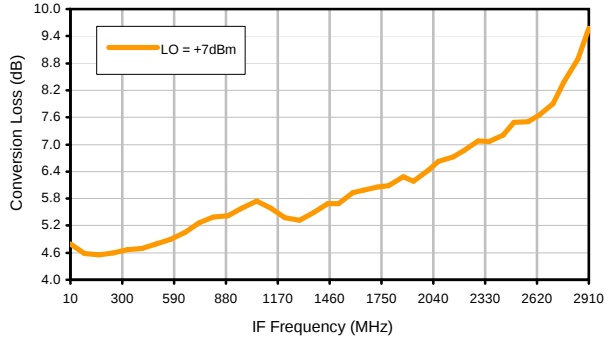
Conversion Loss vs. LO @ RF=5350MHz



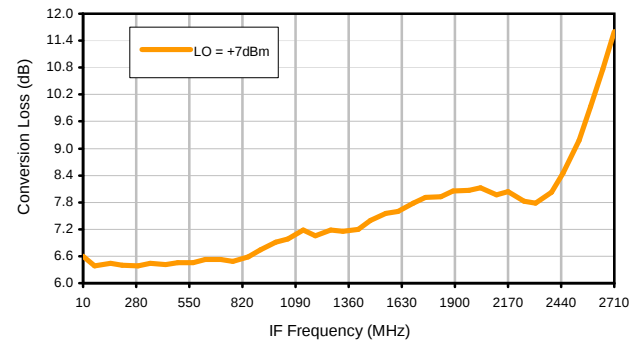
Conversion Loss vs. IF @ RF=5350MHz



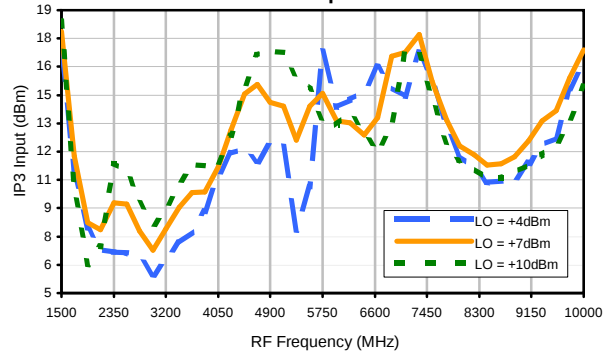
Conversion Loss vs. IF @ RF=3690MHz



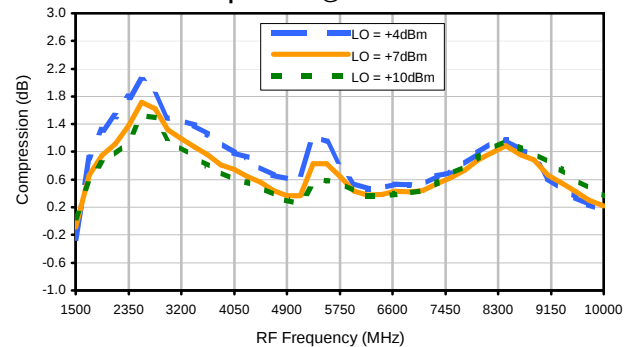
Conversion Loss vs. IF @ RF=7010.1MHz



IP3 Input

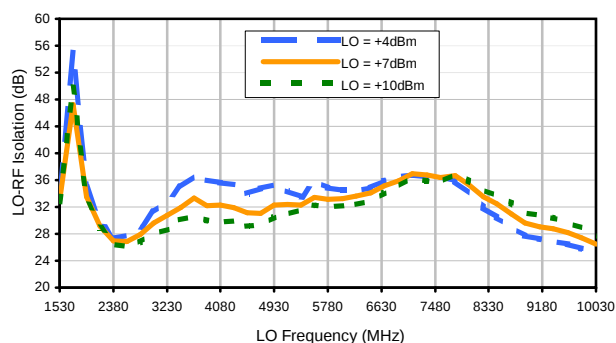


Compression @ RF IN=+1dBm

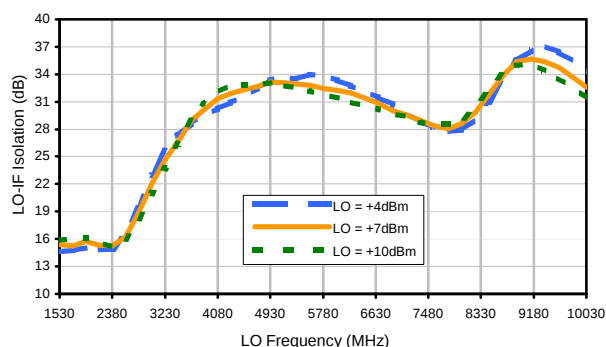


Typical Performance Curves

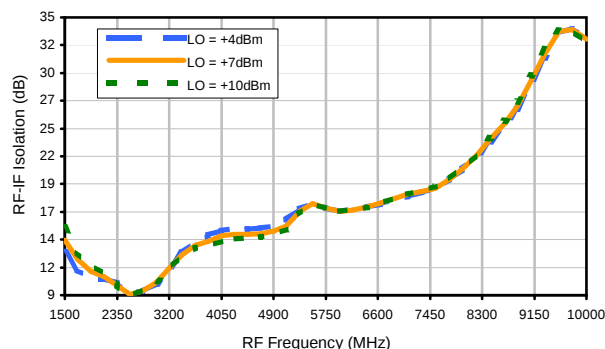
LO-RF Isolation



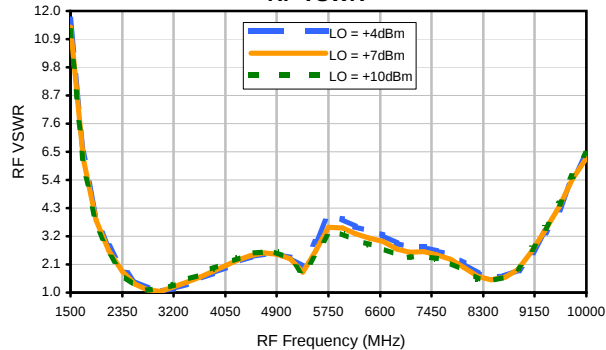
LO-IF Isolation



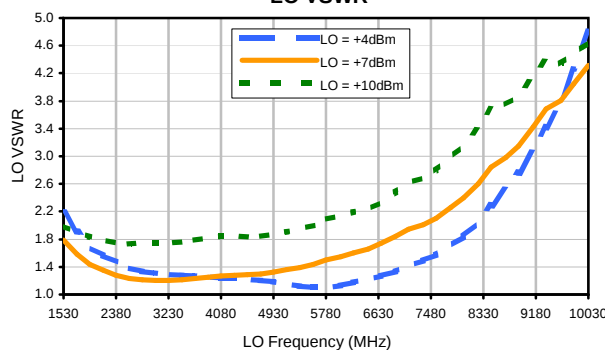
RF-IF Isolation



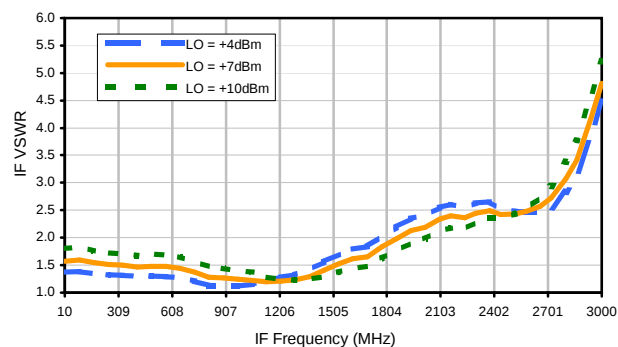
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	7	32	12	49	---	---	---	---	---	---
1	-	11	+0	43	24	41	57	---	---	---	---	---
2	>90	>70	70	65	69	>70	60	>70	---	---	---	---
3	>90	>70	>70	>70	56	>70	>70	>70	>70	---	---	---
4	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	---	---
5	---	---	>70	>70	>70	>70	>70	>70	>70	>70	>70	---
6	---	---	---	>70	>70	>70	>70	>70	>70	>70	>70	>70
7	---	---	---	---	>70	>70	>70	>70	>70	>70	>70	>70
8	---	---	---	---	---	>70	>70	>70	>70	>70	>70	>70
9	---	---	---	---	---	---	>70	>70	>70	>70	>70	>70
10	---	---	---	---	---	---	---	>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: 5350 MHz; -14.00 dBm.
LO IN: 5380 MHz; +7.00 dBm
IF OUT: 30 MHz; -19.53 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	16	41	22	59	---	---	---	---	---	---
1	-	11	+0	42	25	42	57	---	---	---	---	---
2	71	62	60	53	59	>80	52	>80	---	---	---	---
3	>90	68	58	56	36	59	51	63	77	---	---	---
4	>90	>80	80	>80	>80	73	>80	>80	74	80	---	---
5	---	---	>80	>80	>80	>80	62	>80	72	>80	>80	---
6	---	---	---	>80	>80	>80	>80	>80	>80	>80	>80	>80
7	---	---	---	---	>80	>80	>80	>80	>80	>80	>80	>80
8	---	---	---	---	---	>80	>80	>80	>80	>80	>80	>80
9	---	---	---	---	---	---	>80	>80	>80	>80	>80	>80
10	---	---	---	---	---	---	---	>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: 5350 MHz; -4.00 dBm.
LO IN: 5380 MHz; +7.00 dBm
IF OUT: 30 MHz; -9.74 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.