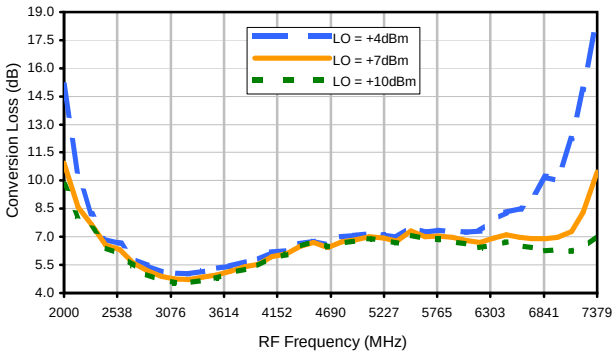
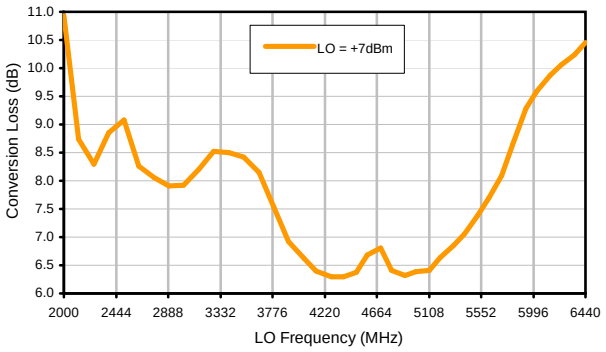
Typical Performance Curves

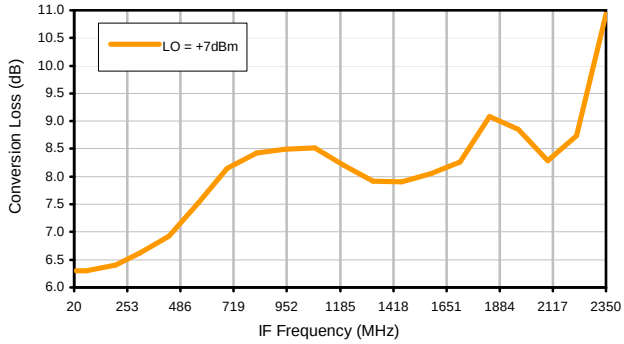
Conversion Loss @ IF=30MHz



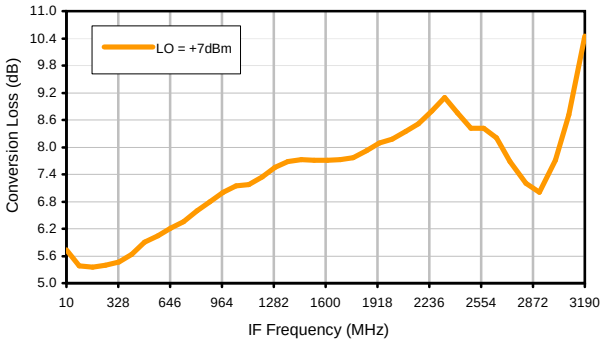
Conversion Loss vs. LO @ RF=4350MHz



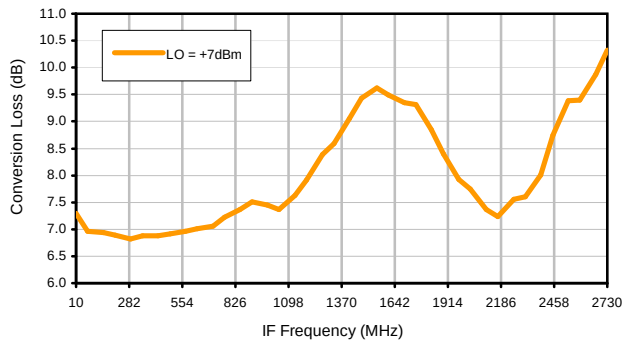
Conversion Loss vs. IF @ RF=4350MHz



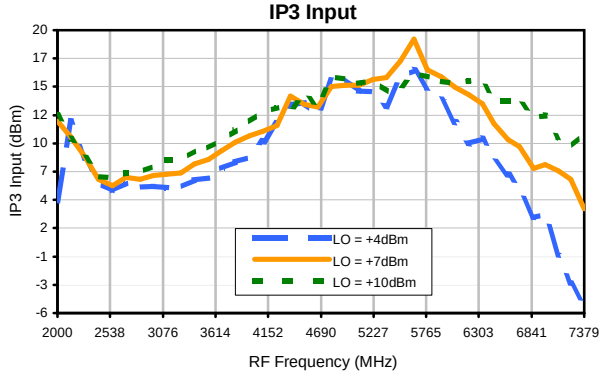
Conversion Loss vs. IF @ RF=2789.89MHz



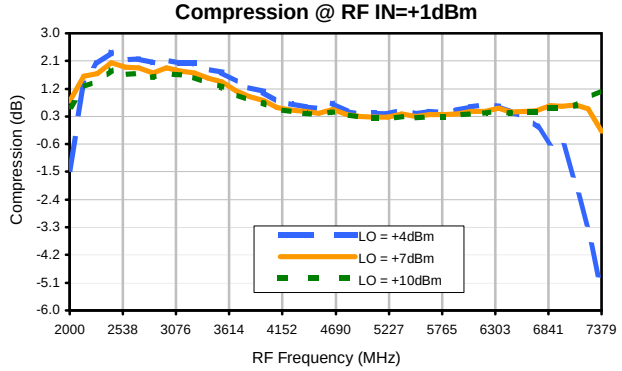
Conversion Loss vs. IF @ RF=5910.1MHz



IP3 Input

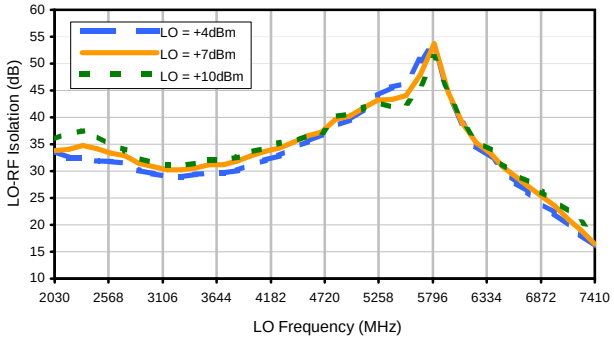


Compression @ RF IN=+1dBm

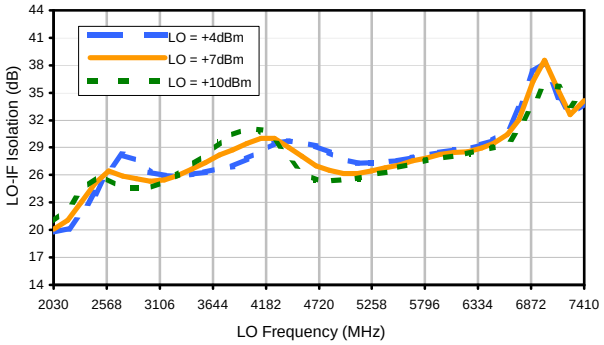


Typical Performance Curves

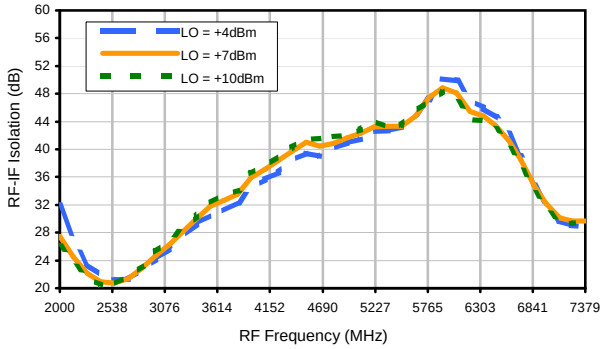
LO-RF Isolation



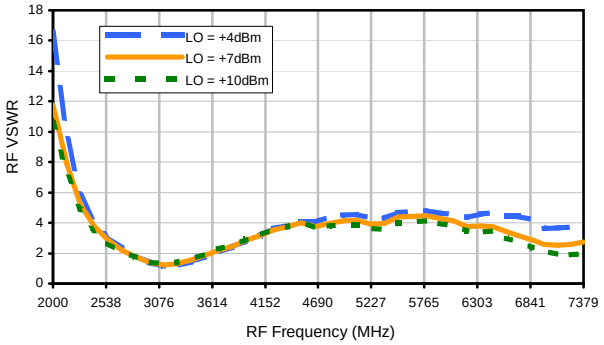
LO-IF Isolation



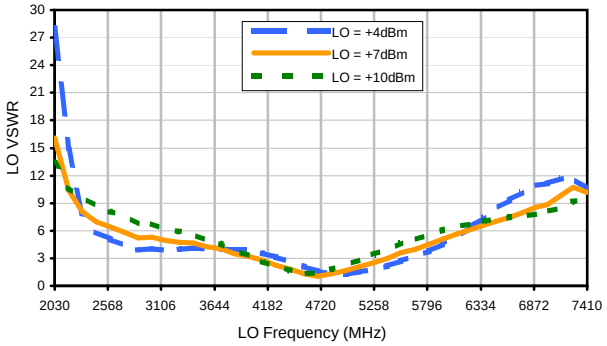
RF-IF Isolation



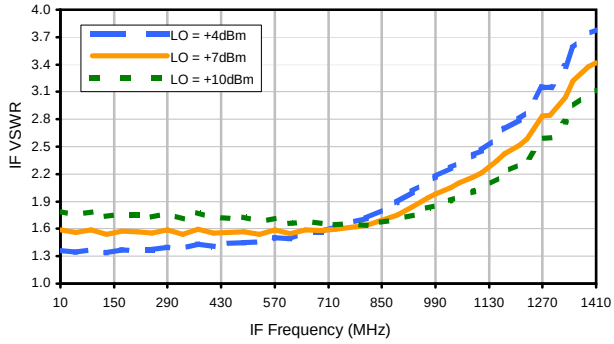
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	2	43	7	42	14	---	---	---	---	---
1	-	33	+0	47	59	40	40	58	---	---	---	---
2	>90	>70	62	60	64	>70	56	>70	53	---	---	---
3	>90	>70	>70	>70	69	>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: 4350 MHz; -14.00 dBm.**
LO IN: 4380 MHz; +7.00 dBm
IF OUT: 30 MHz; -20.4 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	-	-	12	53	17	53	27	---	---	---	---	---
1	-	33	+0	47	60	42	40	61	---	---	---	---
2	75	72	52	51	55	>80	48	68	45	---	---	---
3	>90	58	>80	>80	48	77	>80	63	65	77	---	---
4	>90	>80	>80	>80	>80	76	>80	>80	67	>80	62	---
5	>90	>80	>80	>80	>80	>80	>80	>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: 4350 MHz; -4.00 dBm.**
LO IN: 4380 MHz; +7.00 dBm
IF OUT: 30 MHz; -10.46 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.