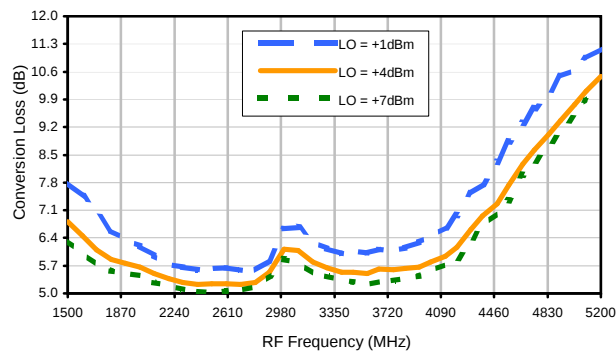
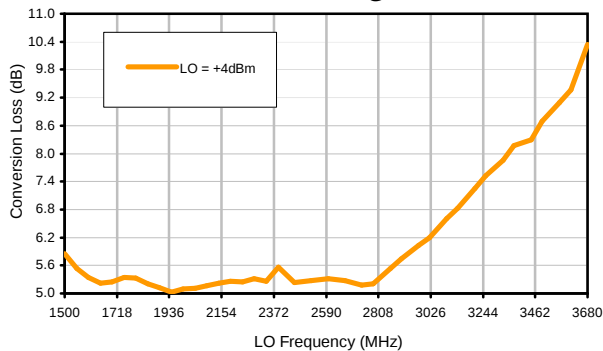


Typical Performance Curves

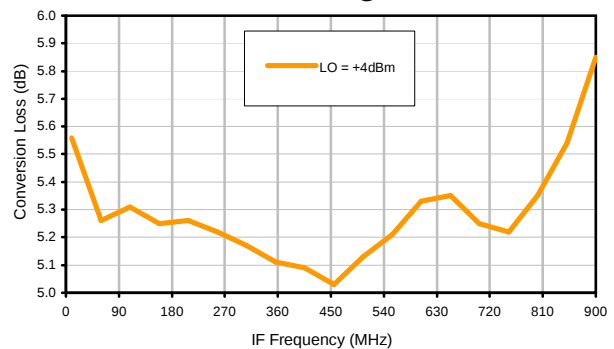
Conversion Loss @ IF=30MHz



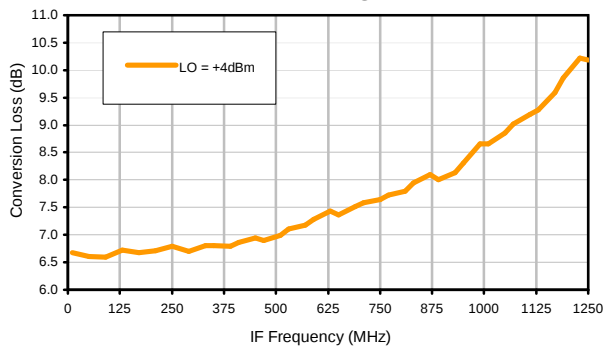
Conversion Loss vs. LO @ RF=2400MHz



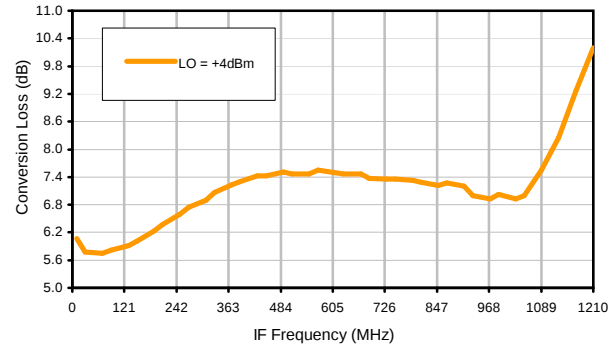
Conversion Loss vs. IF @ RF=2400MHz



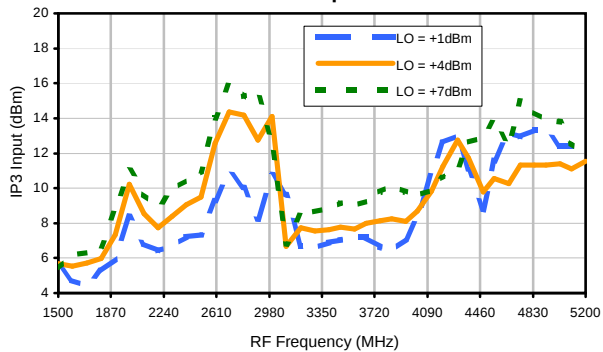
Conversion Loss vs. IF @ RF=1589.9MHz



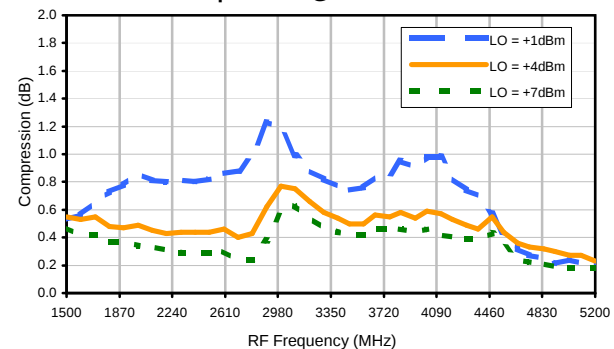
Conversion Loss vs. IF @ RF=3210.1MHz



IP3 Input

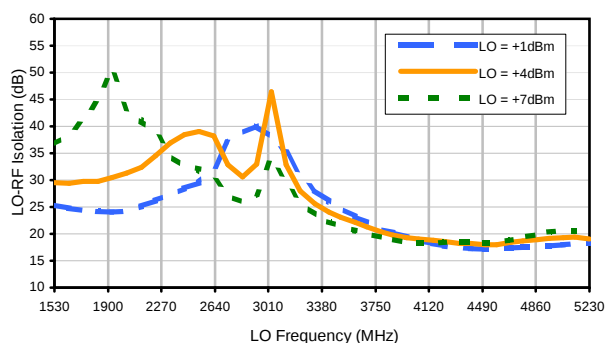


Compression @ RF IN=-1dBm

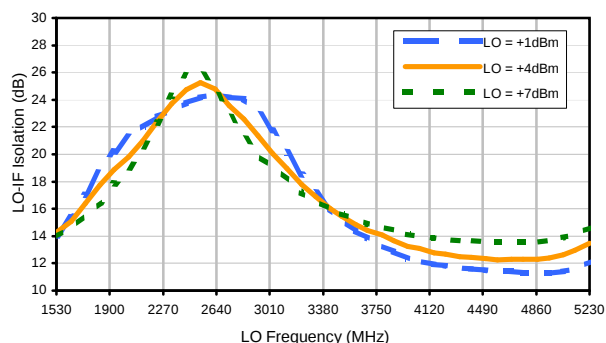


Typical Performance Curves

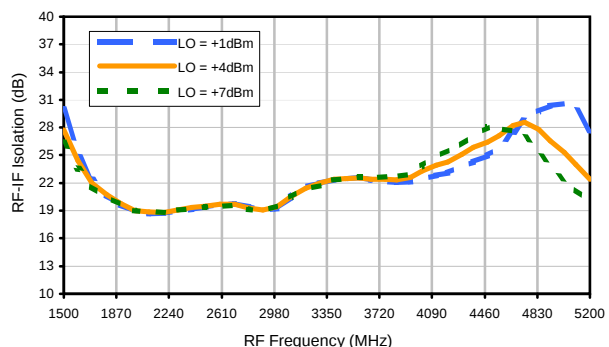
LO-RF Isolation



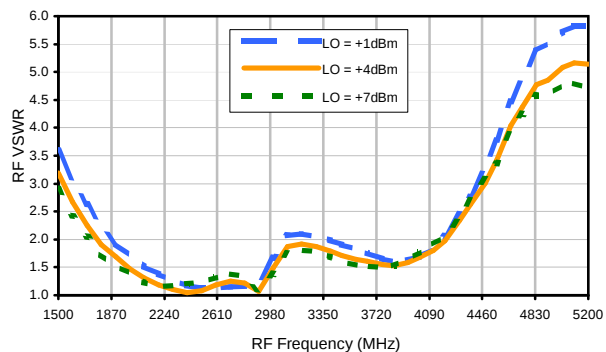
LO-IF Isolation



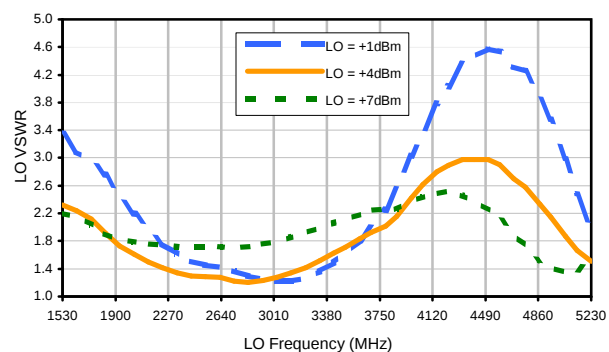
RF-IF Isolation



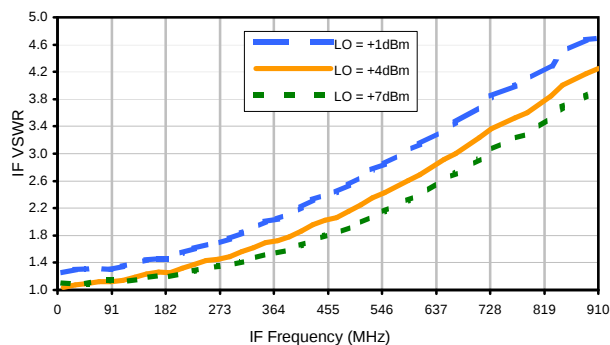
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+0	9	5	22	17	34	55	52	52	---
1	-	14	+0	25	18	34	26	34	38	59	68	56
2	>90	46	51	41	50	54	44	>69	48	59	59	>69
3	>90	65	64	67	>69	64	63	63	59	>69	64	>69
4	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
5	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
6	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
7	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
8	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
9	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
10	---	---	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2400 MHz; -16.00 dBm.
LO IN: 2430 MHz; +4.00 dBm
IF OUT: 30 MHz; -21.37 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	10	19	16	38	32	54	55	60	72	---
1	-	14	+0	26	19	37	30	38	48	65	66	67
2	72	37	45	35	43	48	39	55	44	53	66	75
3	>90	47	47	51	47	45	45	48	45	56	54	66
4	>90	65	60	60	60	50	62	57	58	58	60	68
5	>90	71	68	74	70	71	66	67	70	61	63	62
6	>90	>79	>79	>79	77	78	77	65	77	71	78	65
7	>90	>79	>79	>79	>79	>79	>79	>79	78	>79	>79	76
8	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
9	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
10	---	---	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 2400 MHz; -6.00 dBm.
LO IN: 2430 MHz; +4.00 dBm
IF OUT: 30 MHz; -11.45 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.

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