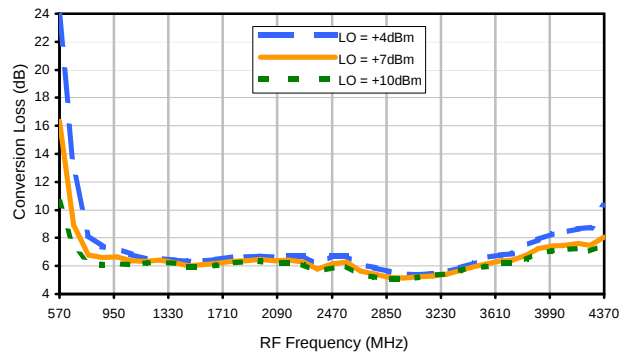
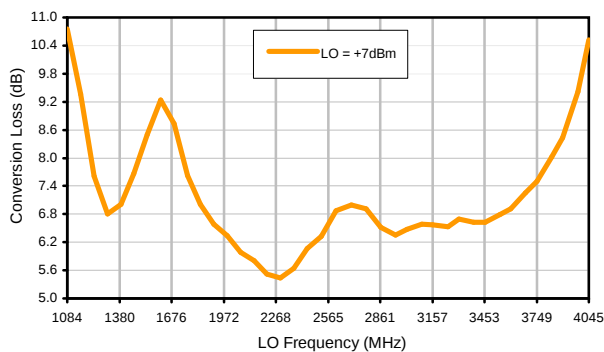


Typical Performance Curves

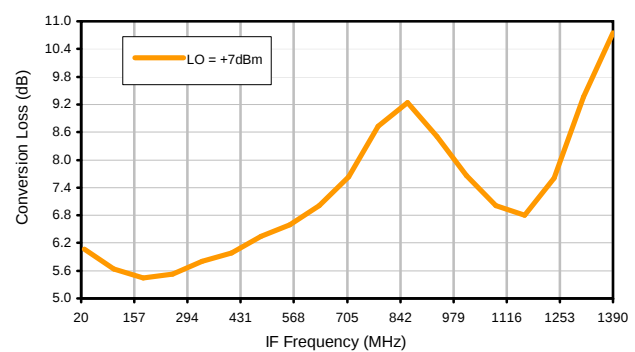
Conversion Loss @ IF=30MHz



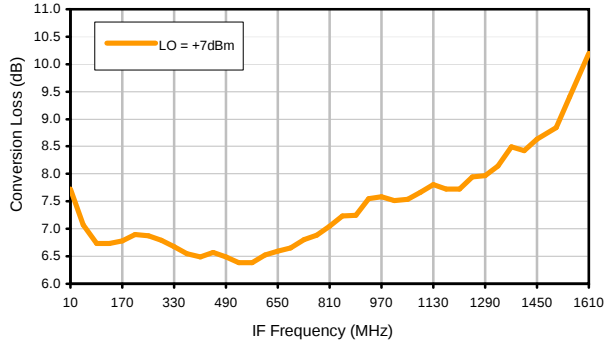
Conversion Loss vs. LO @ RF=2475MHz



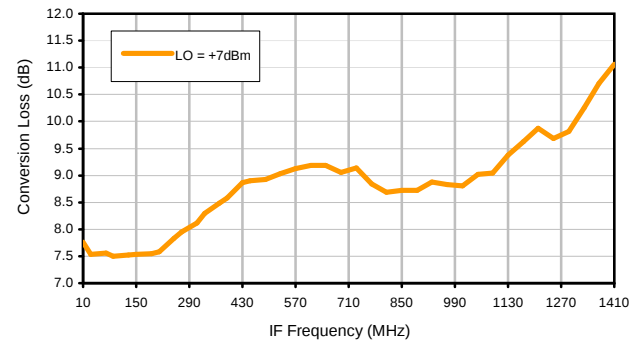
Conversion Loss vs. IF @ RF=2475MHz



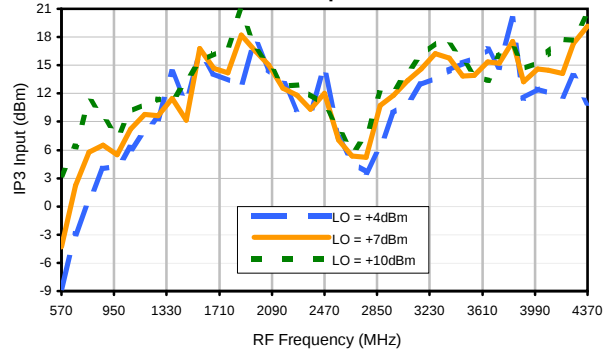
Conversion Loss vs. IF @ RF=739.9MHz



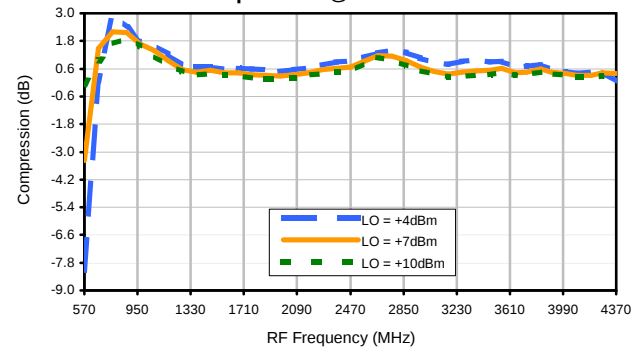
Conversion Loss vs. IF @ RF=4210MHz



IP3 Input



Compression @ RF IN=+1dBm



REV. X2

ZX05-ED12902/3

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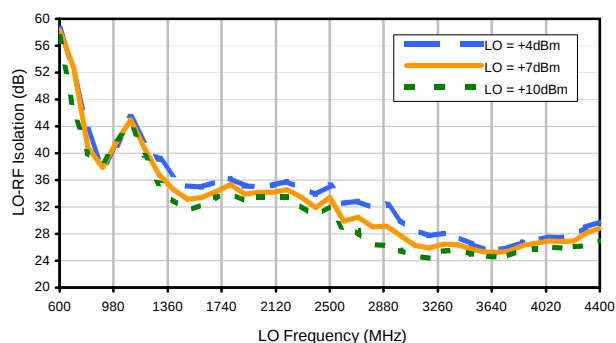


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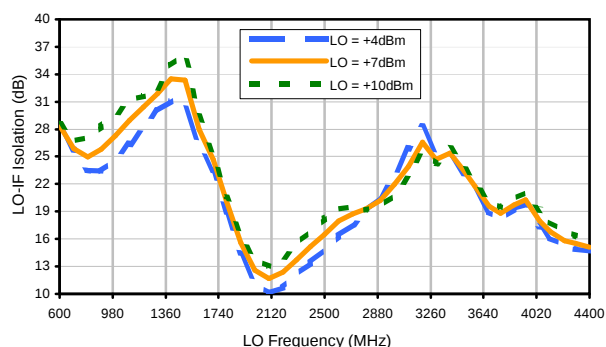


Typical Performance Curves

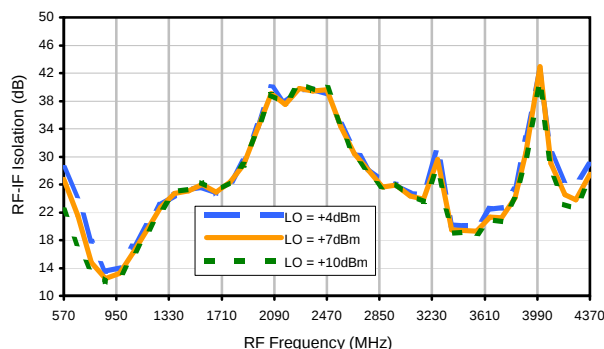
LO-RF Isolation



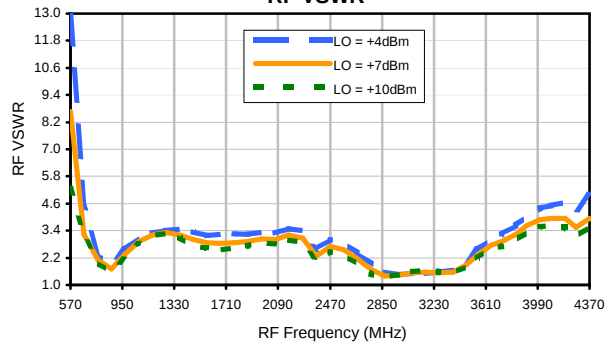
LO-IF Isolation



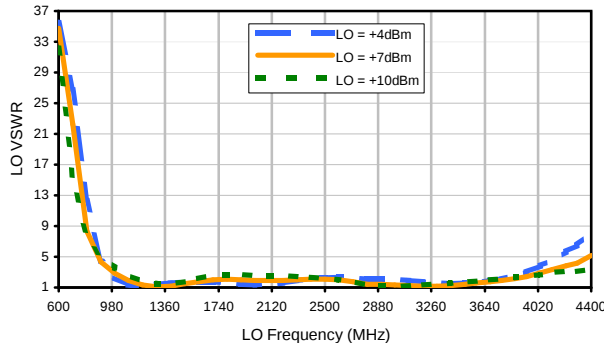
RF-IF Isolation



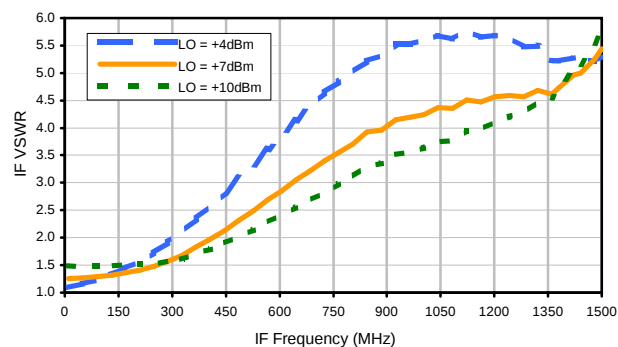
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+11	9	9	30	26	42	36	45	41	---
1	-	33	+0	41	18	31	33	>70	48	>70	55	60
2	>90	55	56	61	53	69	54	61	67	>70	>70	>70
3	>90	65	63	>70	63	>70	67	>70	69	>70	>70	>70
4	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
5	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
6	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
7	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
8	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
9	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
10	---	---	>70	>70	>70	>70	>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: 2475 MHz; -14.00 dBm.
LO IN: 2505 MHz; +7.00 dBm
IF OUT: 30 MHz; -20.26 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+1	19	19	47	38	53	50	57	53	---
1	-	32	+0	43	18	36	33	71	47	73	60	62
2	71	47	49	48	45	56	48	55	58	70	71	71
3	>90	44	40	65	40	61	47	49	53	>80	67	>80
4	>90	70	62	62	62	57	63	64	62	67	79	75
5	>90	75	66	70	61	>80	56	>80	62	77	68	>80
6	>90	>80	>80	>80	>80	75	79	68	80	78	78	>80
7	>90	>80	>80	>80	>80	>80	77	>80	71	>80	>80	>80
8	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
9	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
10	---	---	>80	>80	>80	>80	>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: 2475 MHz; -4.00 dBm.
LO IN: 2505 MHz; +7.00 dBm
IF OUT: 30 MHz; -10.31 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.