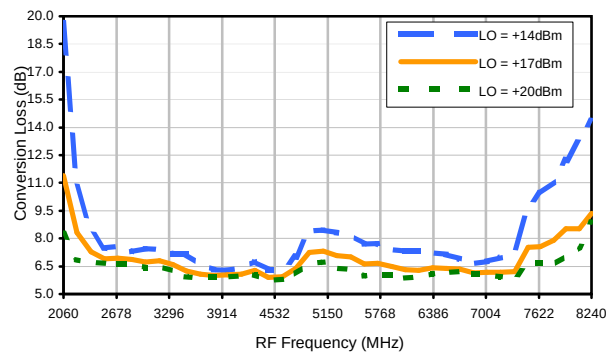
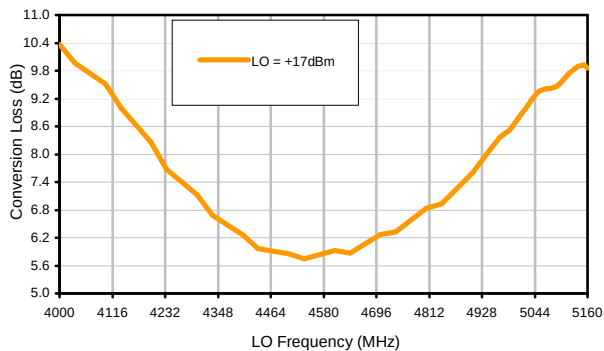


Typical Performance Curves

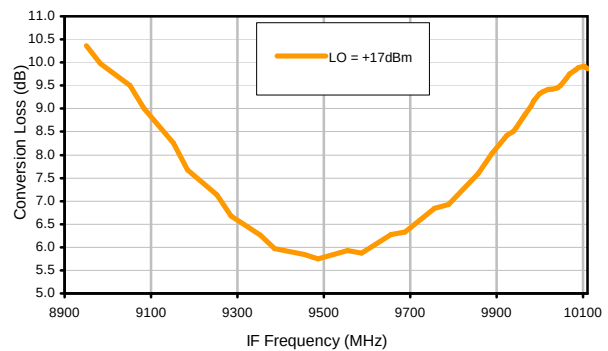
Conversion Loss @ IF=30MHz



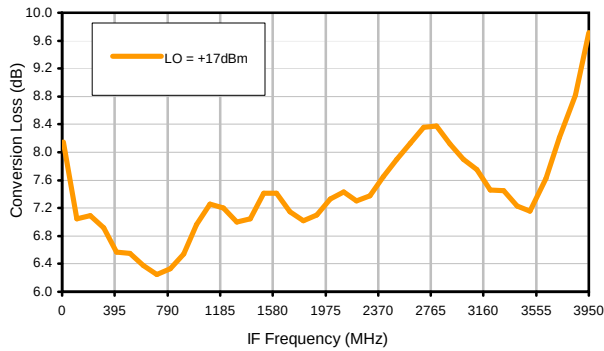
Conversion Loss vs. LO @ RF=4950MHz



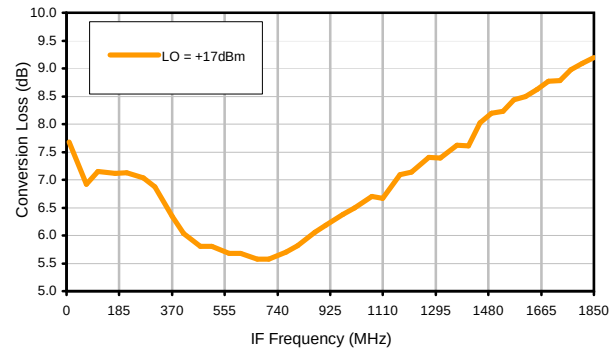
Conversion Loss vs. IF @ RF=4950MHz



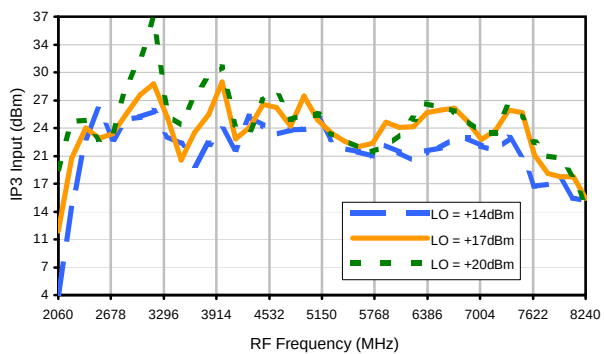
Conversion Loss vs. IF @ RF=2289.8999MHz



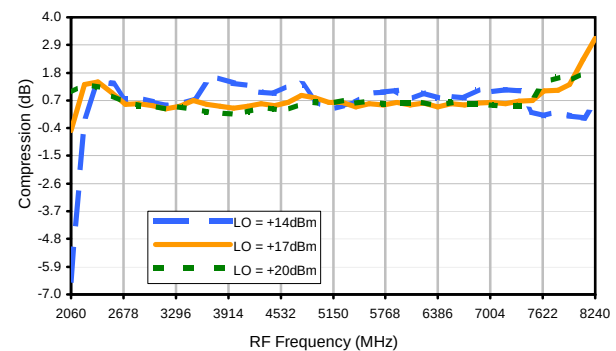
Conversion Loss vs. IF @ RF=7610.1001MHz



IP3 Input

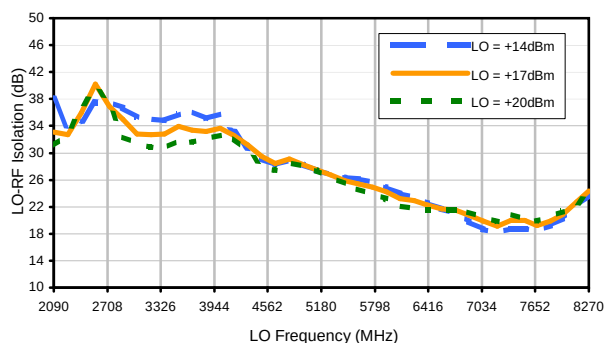


Compression @ RF IN=+14dBm

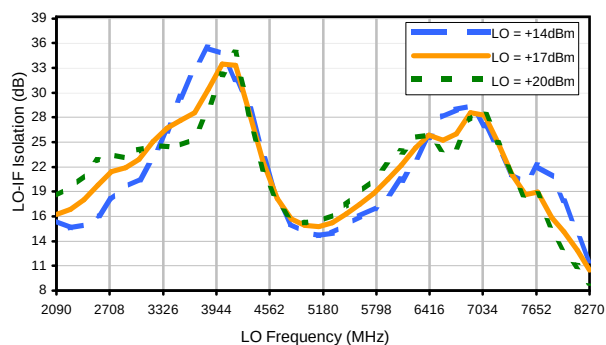


Typical Performance Curves

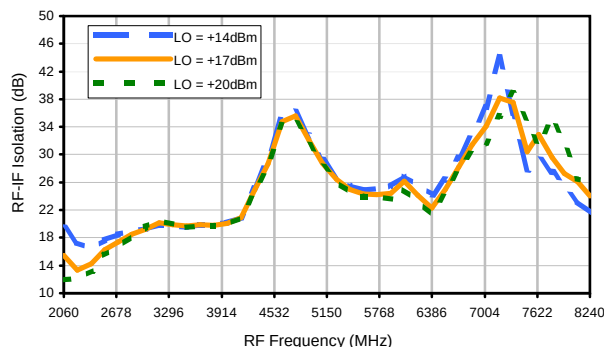
LO-RF Isolation



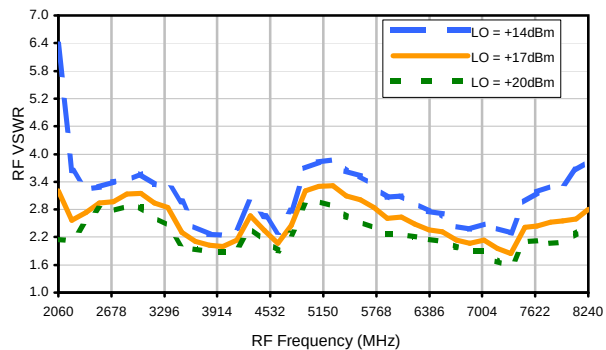
LO-IF Isolation



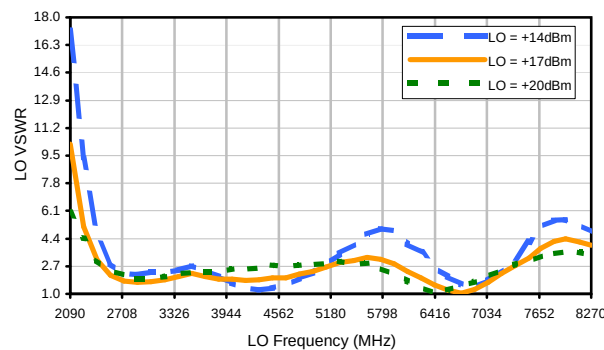
RF-IF Isolation



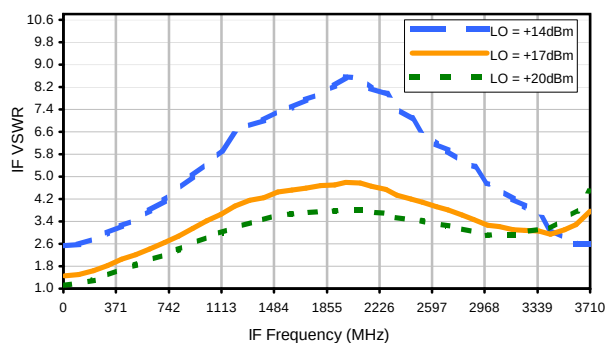
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+10	14	32	26	---	---	---	---	---	---
1	-	24	+0	37	17	31	46	---	---	---	---	---
2	65	54	48	60	49	51	70	72	---	---	---	---
3	>90	66	59	>82	60	82	60	72	77	---	---	---
4	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	---	---
5	---	---	>82	>82	>82	>82	>82	>82	>82	>82	>82	---
6	---	---	---	>82	>82	>82	>82	>82	>82	>82	>82	>82
7	---	---	---	---	>82	>82	>82	>82	>82	>82	>82	>82
8	---	---	---	---	---	>82	>82	>82	>82	>82	>82	>82
9	---	---	---	---	---	---	>82	>82	>82	>82	>82	>82
10	---	---	---	---	---	---	---	>82	>82	>82	>82	>82
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 4950 MHz; -1.00 dBm.

LO IN: 4980 MHz; +17.00 dBm

IF OUT: 30 MHz; -8.24 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+0	23	38	40	---	---	---	---	---	---
1	-	24	+0	38	17	33	51	---	---	---	---	---
2	45	46	39	43	40	43	54	62	---	---	---	---
3	64	44	37	65	41	60	43	50	60	---	---	---
4	78	64	65	52	64	53	70	59	64	75	---	---
5	---	---	70	69	56	85	54	88	59	66	77	---
6	---	---	---	79	75	66	>92	62	85	67	81	89
7	---	---	---	---	>92	82	70	92	68	90	75	78
8	---	---	---	---	---	>92	87	76	>92	75	>92	80
9	---	---	---	---	---	---	>92	>92	83	>92	82	>92
10	---	---	---	---	---	---	---	>92	>92	87	>92	83
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 4950 MHz; 9.00 dBm.

LO IN: 4980 MHz; +17.00 dBm

IF OUT: 30 MHz; 1.65 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.

REV. X2

ZX05-762H+

101011

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