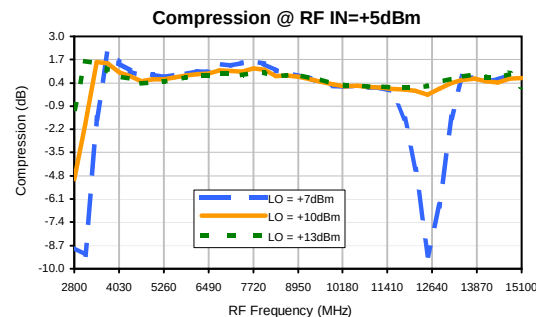
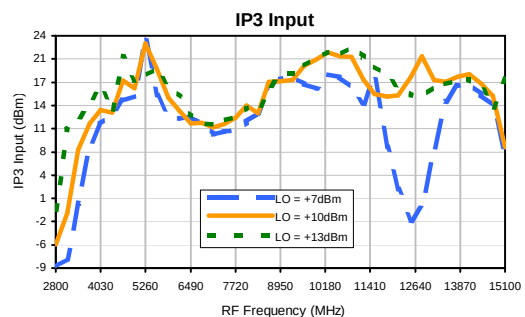
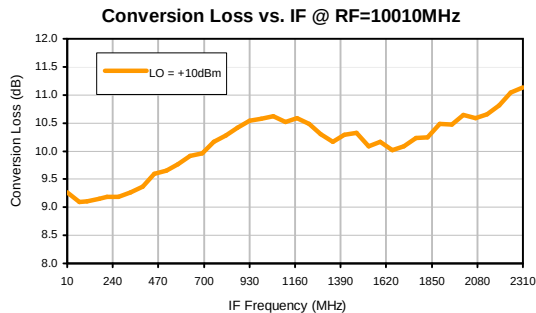
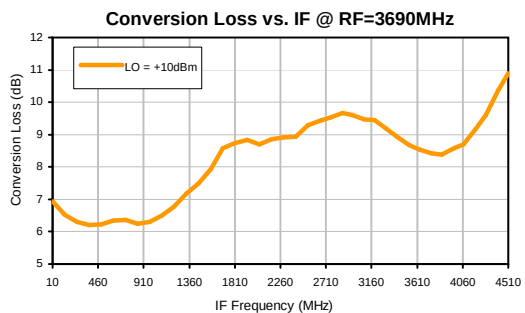
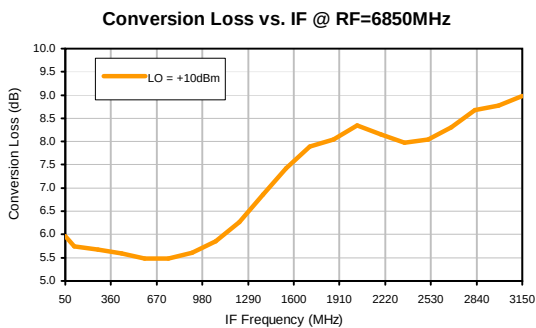
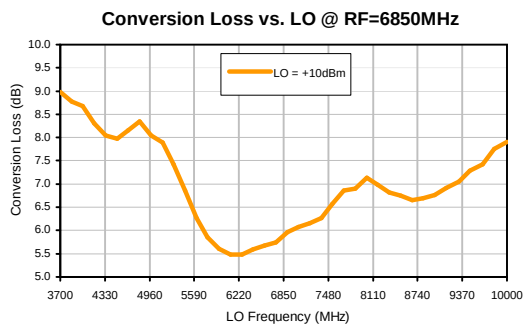
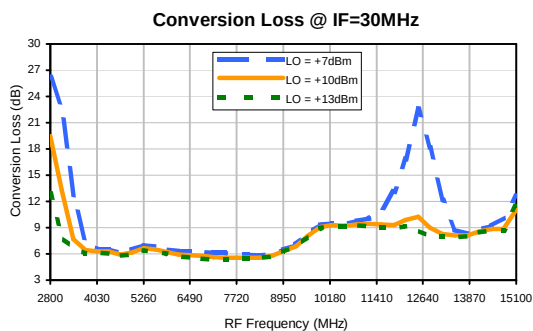


Typical Performance Curves

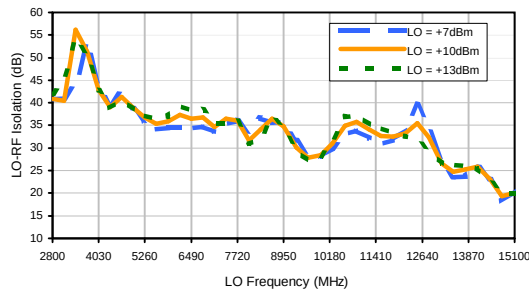


Frequency Mixer

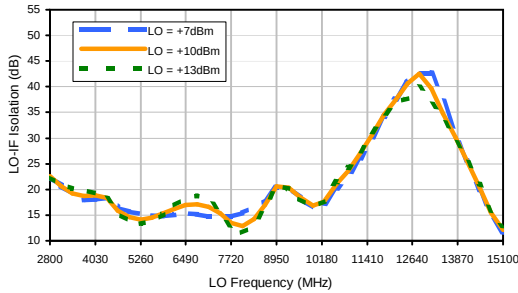
Typical Performance Curves

ZX05-14LH+

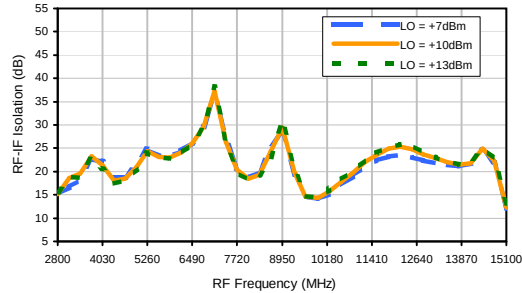
LO-RF Isolation



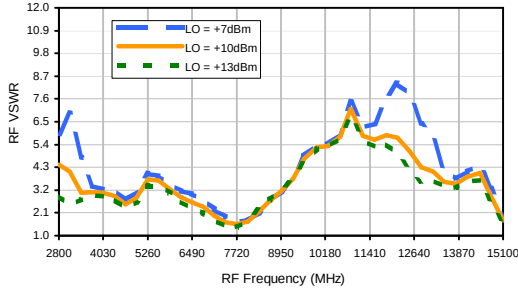
LO-IF Isolation



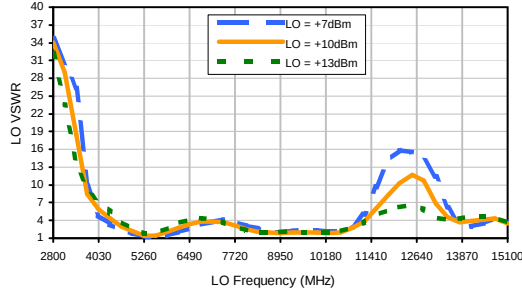
RF-IF Isolation



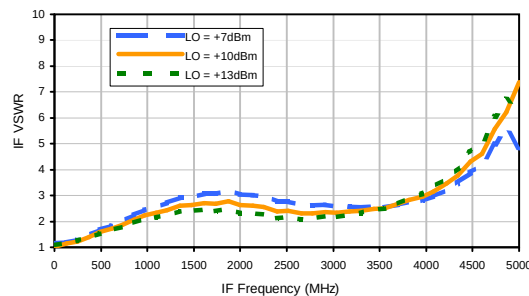
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)										
	0	-	-	+9	36	16	---	---	---	---	---	---
	1	-	24	+0	46	29	43	---	---	---	---	---
	2	78	58	47	58	46	67	55	---	---	---	---
	3	>90	>74	69	>74	59	>74	72	>74	---	---	---
	4	---	---	>74	>74	>74	>74	>74	>74	>74	---	---
	5	---	---	---	>74	>74	>74	>74	>74	>74	>74	---
	6	---	---	---	---	>74	>74	>74	>74	>74	>74	>74
	7	---	---	---	---	---	>74	>74	>74	>74	>74	>74
	8	---	---	---	---	---	---	>74	>74	>74	>74	>74
	9	---	---	---	---	---	---	---	>74	>74	>74	>74
	10	---	---	---	---	---	---	---	---	>74	>74	>74
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 6850 MHz; -10.00 dBm.

LO IN: 6880 MHz; +10.00 dBm

IF OUT: 30 MHz; -16.01 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)										
	0	-	-	1	53	27	---	---	---	---	---	---
	1	-	24	+0	49	28	49	---	---	---	---	---
	2	58	51	38	45	39	64	50	---	---	---	---
	3	86	55	50	60	36	64	60	66	---	---	---
	4	---	---	>84	69	61	73	57	74	71	---	---
	5	---	---	---	80	70	73	52	76	66	76	---
	6	---	---	---	---	>84	79	75	76	67	83	73
	7	---	---	---	---	---	>84	>84	79	64	81	75
	8	---	---	---	---	---	---	>84	>84	82	>84	75
	9	---	---	---	---	---	---	---	>84	>84	>84	75
	10	---	---	---	---	---	---	---	---	>84	>84	>84
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 6850 MHz; 0.00 dBm.

LO IN: 6880 MHz; +10.00 dBm

IF OUT: 30 MHz; -6.17 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.