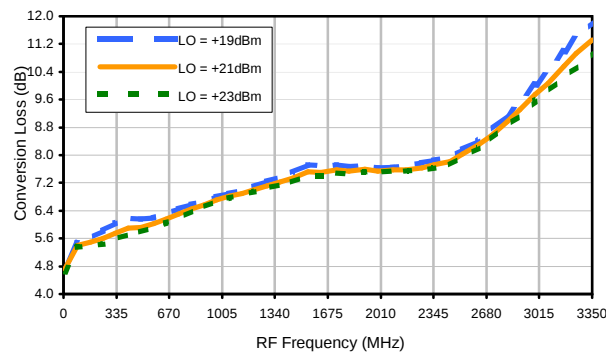
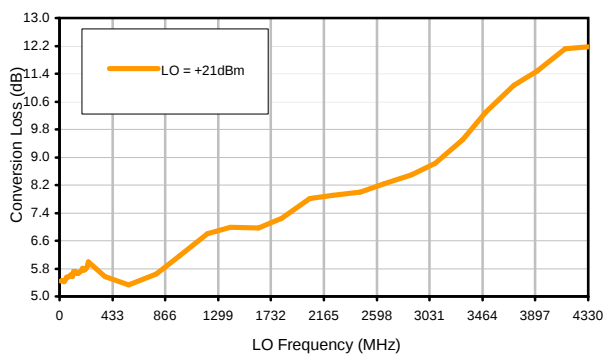


Typical Performance Curves

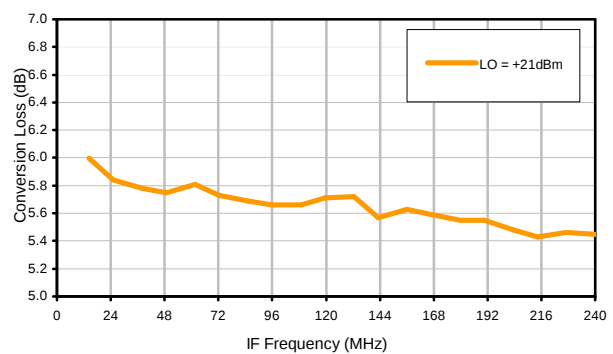
Conversion Loss @ IF=55MHz



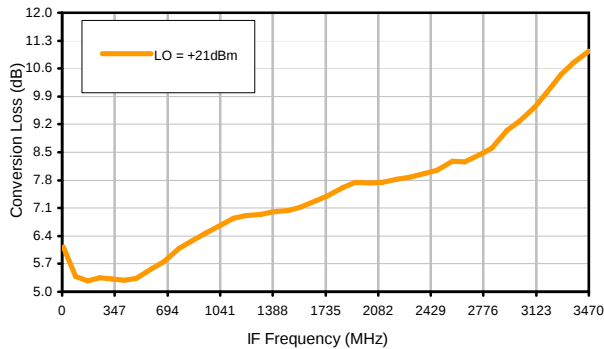
Conversion Loss vs. LO @ RF=250.1MHz



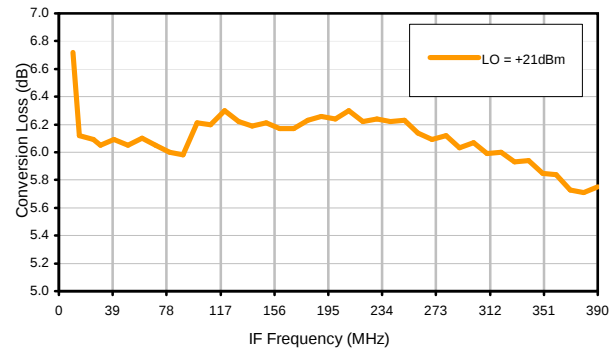
Conversion Loss vs. IF @ RF=250.1MHz



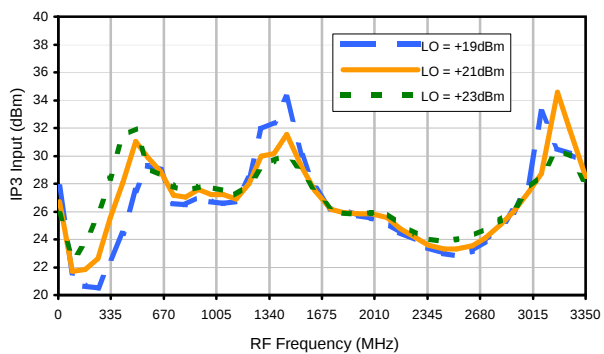
Conversion Loss vs. IF @ RF=100.1MHz



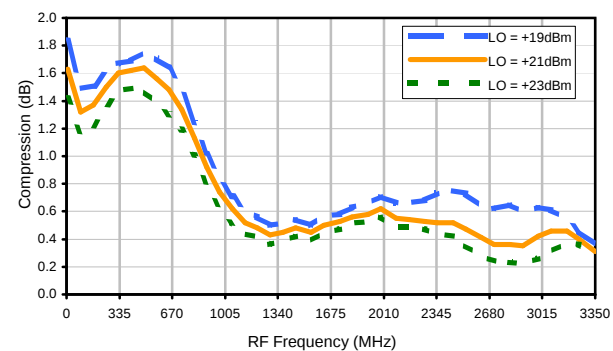
Conversion Loss vs. IF @ RF=400.1MHz



IP3 Input

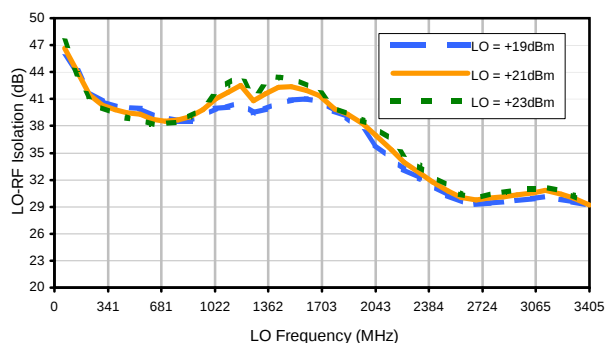


Compression @ RF IN=+15dBm

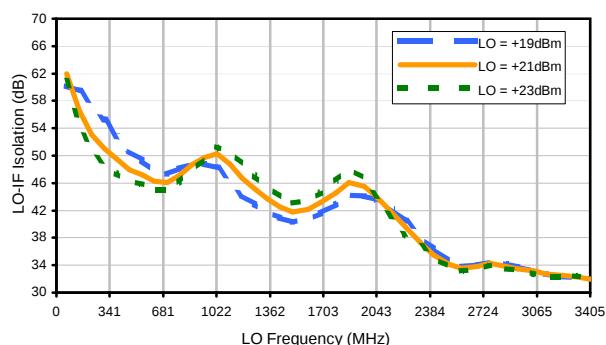


Typical Performance Curves

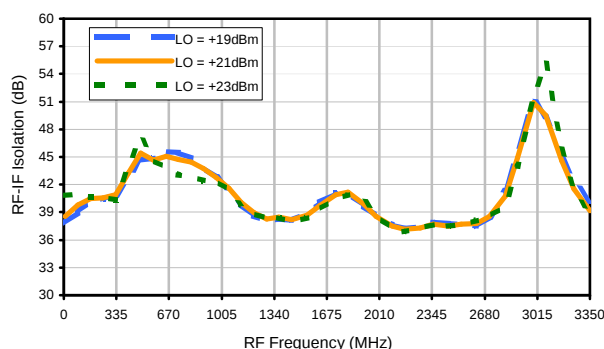
LO-RF Isolation



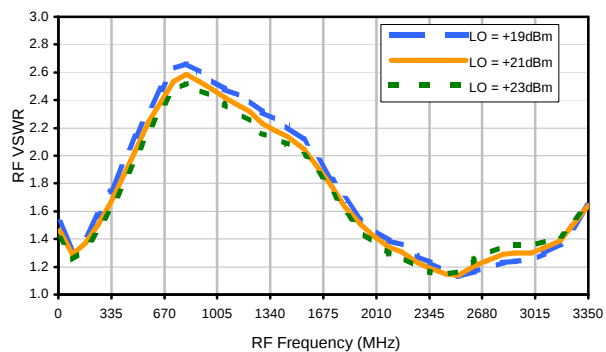
LO-IF Isolation



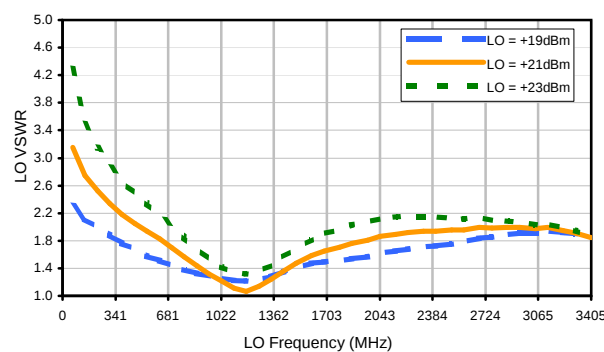
RF-IF Isolation



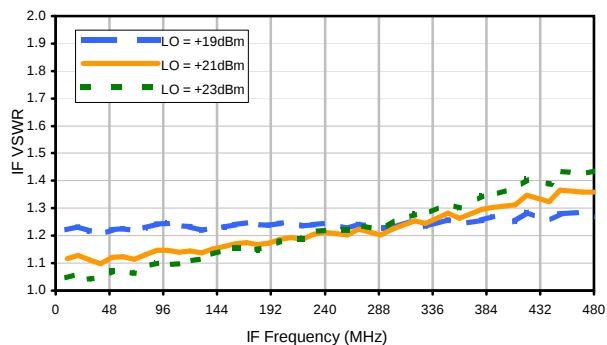
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	23	24	28	40	33	35	31	36	36	36
1	-	36	+0	53	11	61	20	60	30	56	30	64
2	72	61	65	64	63	66	64	76	69	87	70	80
3	>100	90	59	>94	57	87	58	86	59	90	59	88
4	>100	>94	88	91	88	>94	87	90	89	>94	93	91
5	>100	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94
6	>100	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94
7	>100	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94
8	>100	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94
9	>100	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94
10	>100	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 250.1 MHz; 0.00 dBm.
LO IN: 305.1 MHz; +21.00 dBm
IF OUT: 55 MHz; -6.28 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	31	34	39	48	45	47	44	50	53	52
1	-	37	+0	51	11	66	20	63	29	61	36	68
2	53	53	55	56	54	60	54	67	57	64	56	65
3	79	72	41	72	41	72	43	71	48	69	44	70
4	>100	75	79	74	82	73	77	76	75	78	90	77
5	>100	88	63	88	59	89	53	77	52	77	56	78
6	>100	83	81	79	78	79	75	79	74	81	77	84
7	>100	86	70	87	66	85	64	84	63	85	66	85
8	>100	92	87	95	88	98	89	96	92	91	94	91
9	>100	94	78	95	78	93	81	91	89	91	81	90
10	>100	90	97	>103	>103	>103	100	103	97	98	92	97
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 250.1 MHz; 10.00 dBm.
LO IN: 305.1 MHz; +21.00 dBm
IF OUT: 55 MHz; 3.11 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.