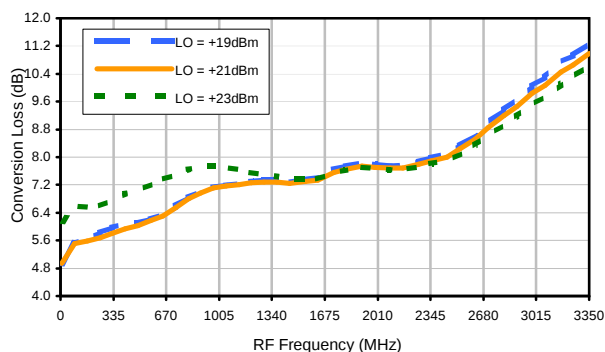
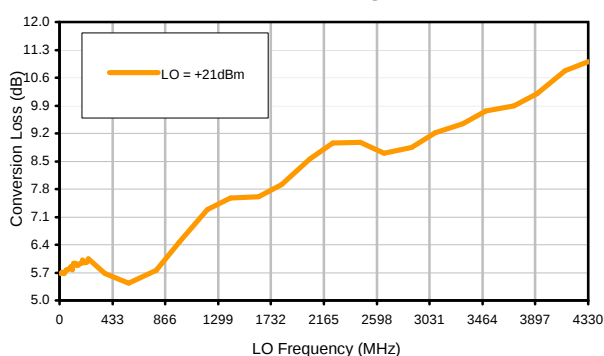


Typical Performance Curves

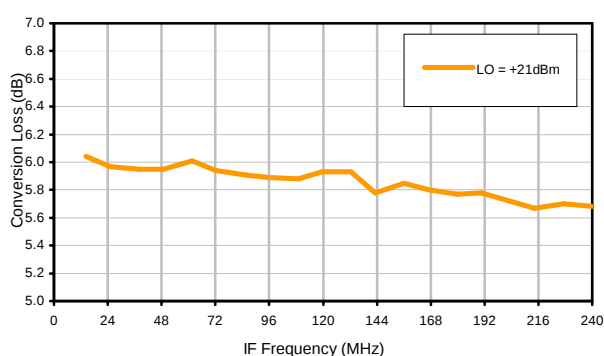
Conversion Loss @ IF=55MHz



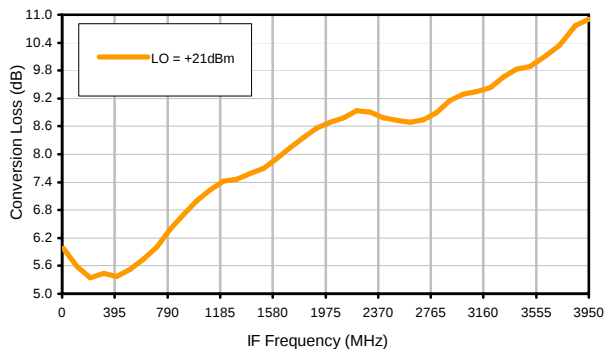
Conversion Loss vs. LO @ RF=250.1MHz



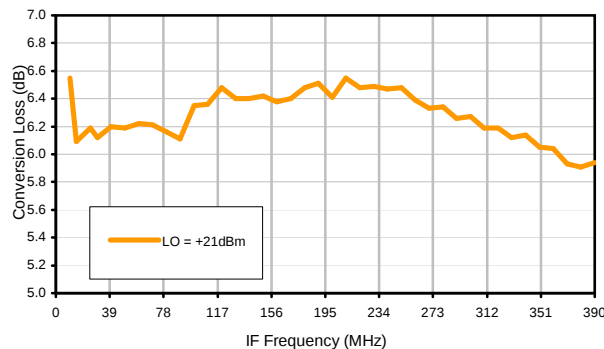
Conversion Loss vs. IF @ RF=250.1MHz



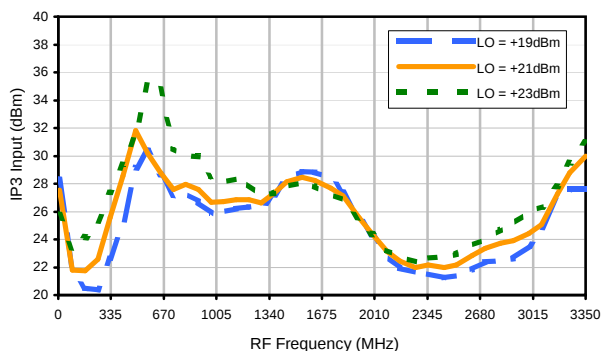
Conversion Loss vs. IF @ RF=100.1MHz



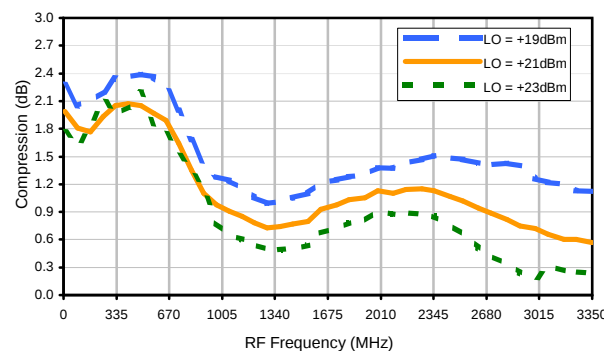
Conversion Loss vs. IF @ RF=400.1MHz



IP3 Input

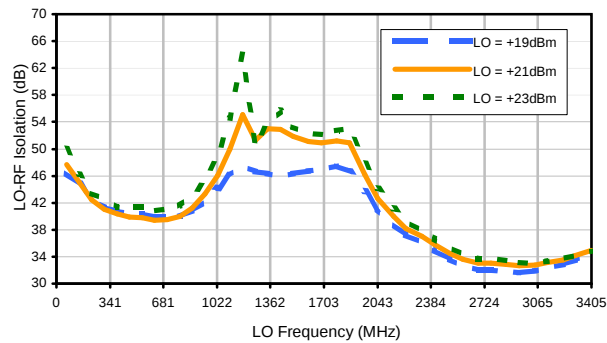


Compression @ RF IN=+16dBm

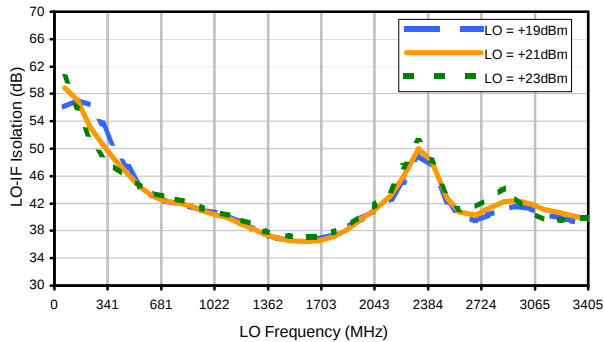


Typical Performance Curves

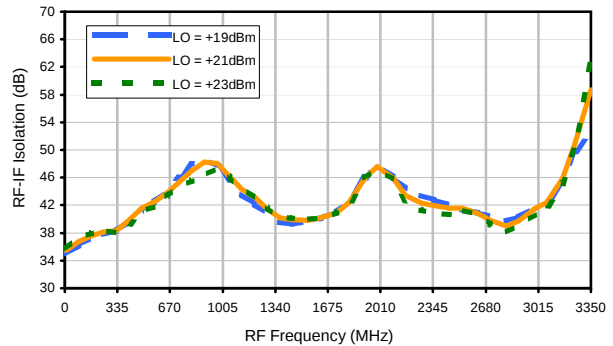
LO-RF Isolation



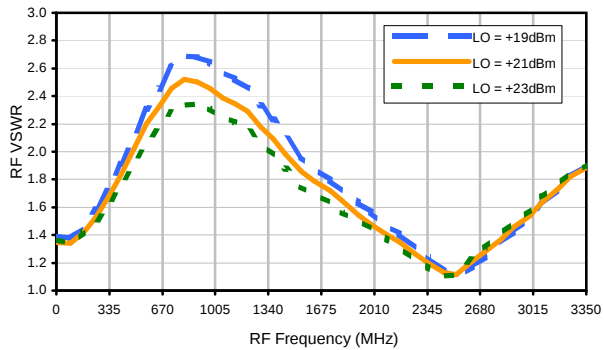
LO-IF Isolation



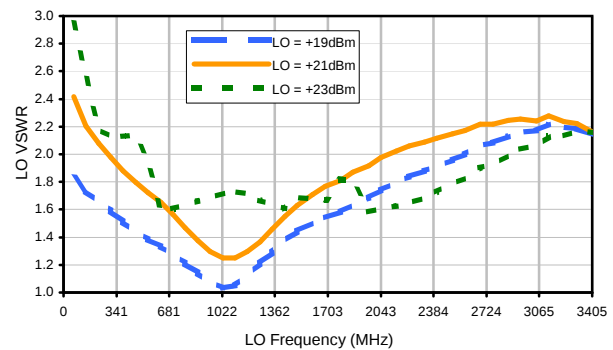
RF-IF Isolation



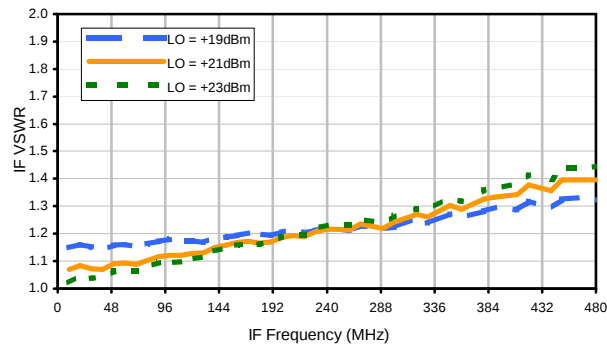
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	23	23	34	42	48	36	43	35	42	36
1	-	33	+0	50	11	63	20	60	29	55	30	61
2	70	63	68	68	66	70	66	91	71	78	71	71
3	>100	86	55	89	55	84	55	85	57	89	58	89
4	>100	>95	92	>95	89	>95	89	94	>95	93	>95	93
5	>100	>95	>95	>95	>95	>95	>95	>95	>95	>95	>95	>95
6	>100	>95	>95	>95	>95	>95	>95	>95	>95	>95	>95	>95
7	>100	>95	>95	>95	>95	>95	>95	>95	>95	>95	>95	>95
8	>100	>95	>95	>95	>95	>95	>95	>95	>95	>95	>95	>95
9	>100	>95	>95	>95	>95	>95	>95	>95	>95	>95	>95	>95
10	>100	>95	>95	>95	>95	>95	>95	>95	>95	>95	>95	>95
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 250.1 MHz; 1.00 dBm.
LO IN: 305.1 MHz; +21.00 dBm
IF OUT: 55 MHz; -5.28 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	32	32	44	51	57	47	55	48	56	51
1	-	34	+0	45	11	57	19	60	27	63	33	70
2	51	56	61	58	58	60	59	62	71	61	65	57
3	76	52	52	65	45	62	36	57	54	66	53	65
4	>100	72	73	66	72	64	70	68	71	74	75	80
5	>100	72	55	79	49	80	48	72	48	74	54	75
6	>100	96	79	85	79	83	81	85	85	82	80	82
7	>100	85	62	86	58	79	56	86	58	78	68	80
8	>100	94	99	93	90	86	86	82	86	81	83	85
9	>100	87	76	92	80	94	78	94	68	99	65	88
10	>100	84	88	87	91	88	88	85	84	86	83	95
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 250.1 MHz; 11.00 dBm.
LO IN: 305.1 MHz; +21.00 dBm
IF OUT: 55 MHz; 3.17 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.