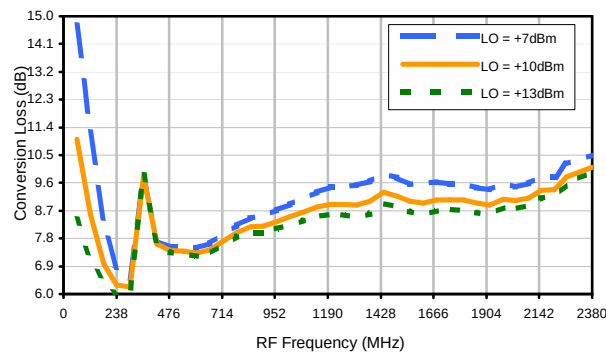
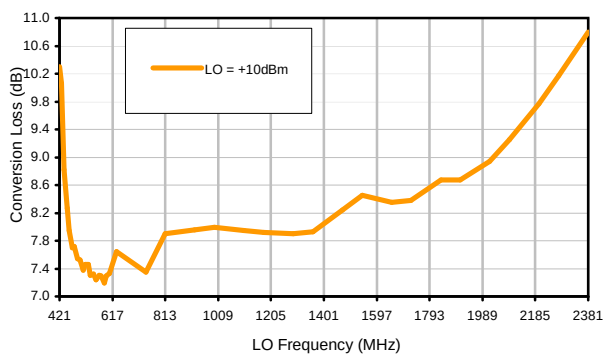


Typical Performance Curves

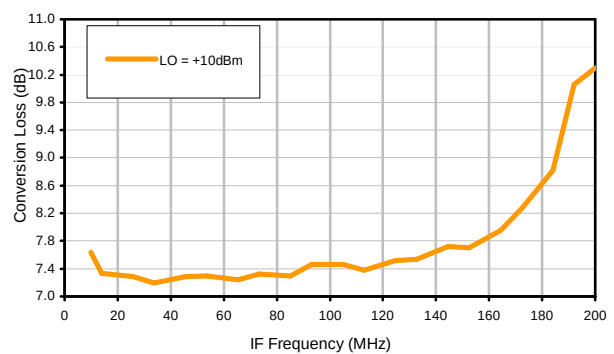
Conversion Loss @ IF=70MHz



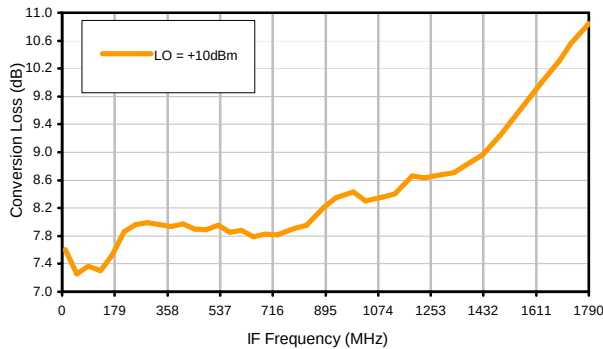
Conversion Loss vs. LO @ RF=621.1MHz



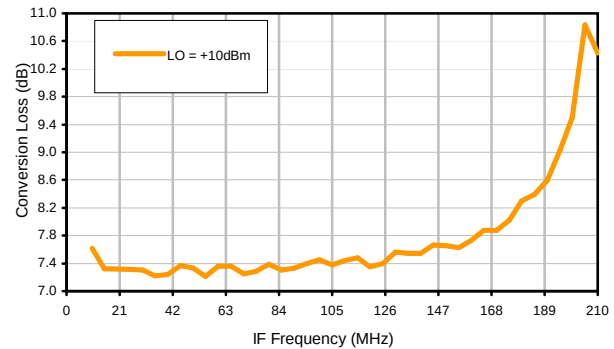
Conversion Loss vs. IF @ RF=621.1MHz



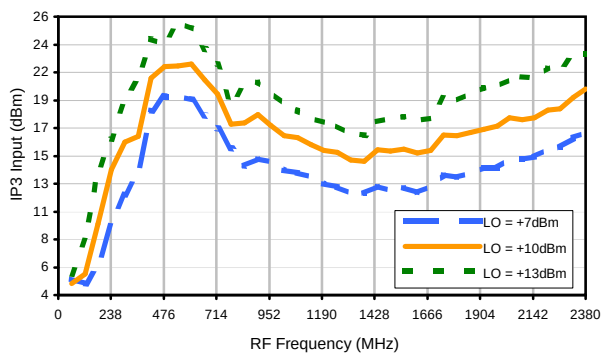
Conversion Loss vs. IF @ RF=591.1MHz



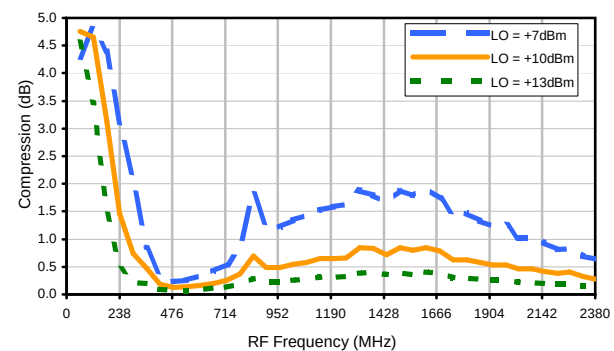
Conversion Loss vs. IF @ RF=631.1MHz



IP3 Input

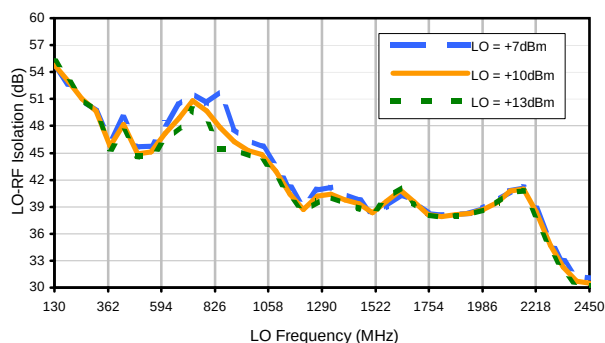


Compression @ RF IN=+6dBm

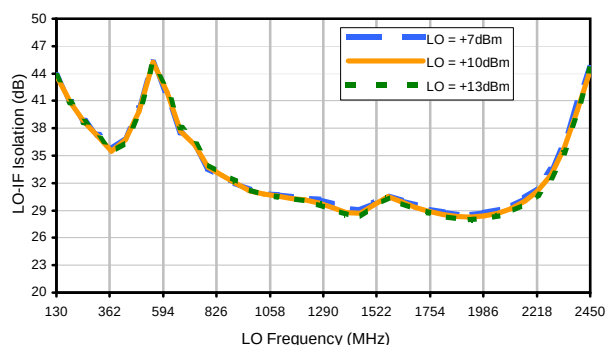


Typical Performance Curves

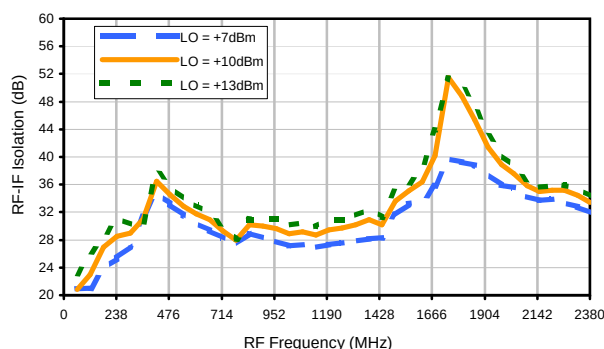
LO-RF Isolation



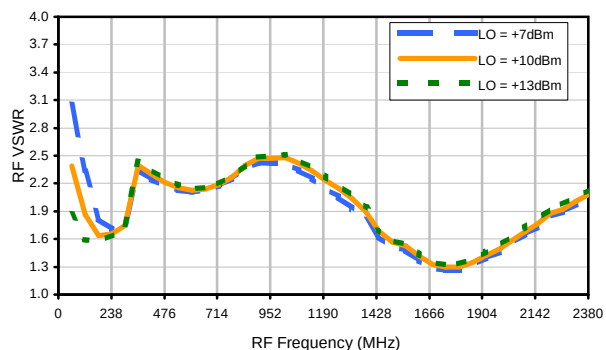
LO-IF Isolation



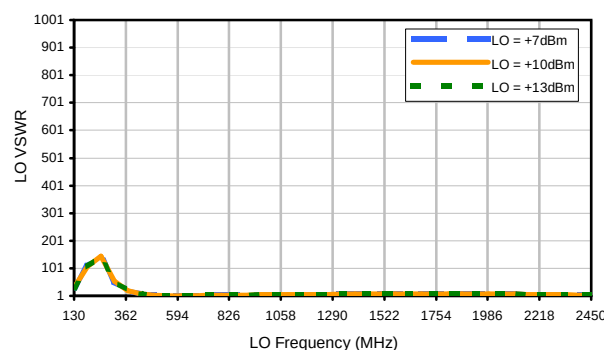
RF-IF Isolation



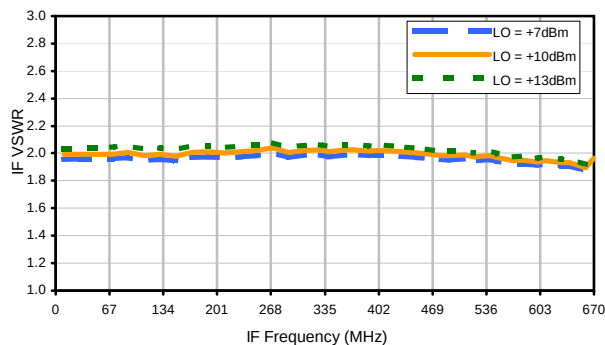
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	12	24	35	30	29	44	30	44	51	36
1	-	24	+0	34	15	39	48	41	33	46	37	47
2	79	72	61	57	57	59	60	72	67	>74	69	71
3	>90	>74	67	>74	67	>74	67	>74	>74	>74	>74	>74
4	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
5	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
6	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
7	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
8	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
9	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
10	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 611 MHz; -9.00 dBm.
LO IN: 681 MHz; +10.00 dBm
IF OUT: 70 MHz; -16.29 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	22	34	43	40	39	55	41	58	65	49
1	-	24	+0	34	16	39	41	42	32	46	38	49
2	59	63	52	48	47	50	50	65	59	67	61	63
3	>90	80	48	67	48	60	49	64	60	66	57	71
4	>90	>84	77	>84	>84	80	73	76	78	>84	82	84
5	>90	>84	>84	>84	77	>84	77	>84	77	>84	84	>84
6	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
7	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
8	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
9	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
10	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 611 MHz; 1.00 dBm.
LO IN: 681 MHz; +10.00 dBm
IF OUT: 70 MHz; -6.41 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.