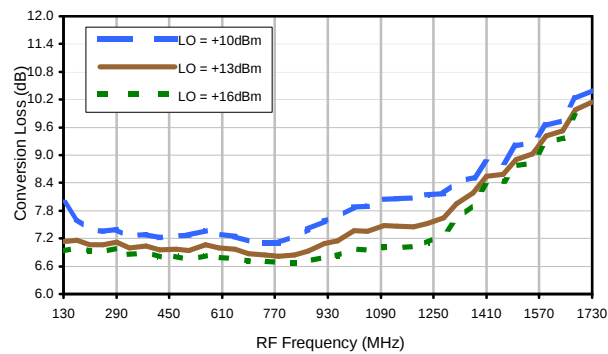
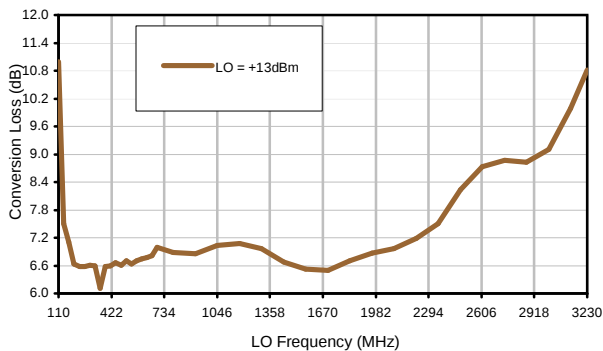


Typical Performance Curves

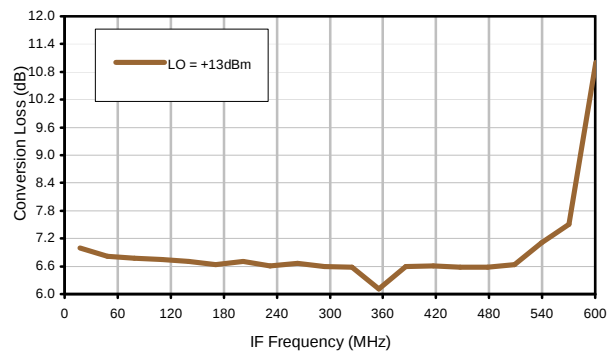
Conversion Loss @ IF=110.6MHz



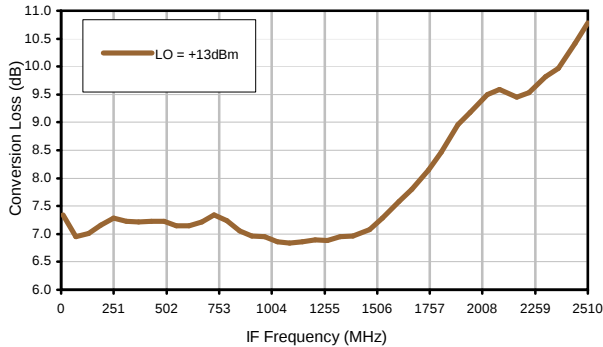
Conversion Loss vs. LO @ RF=711MHz



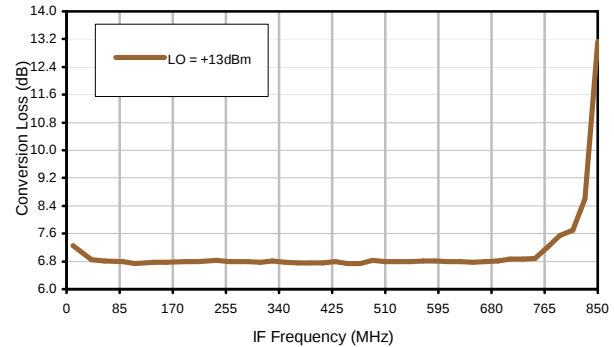
Conversion Loss vs. IF @ RF=711MHz



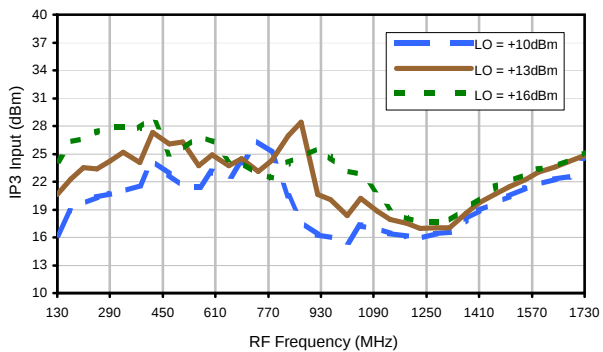
Conversion Loss vs. IF @ RF=470MHz



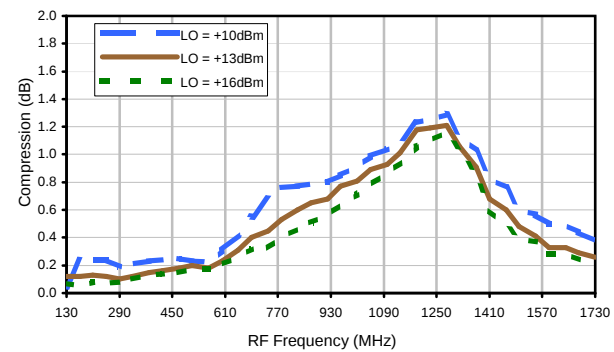
Conversion Loss vs. IF @ RF=952MHz



IP3 Input

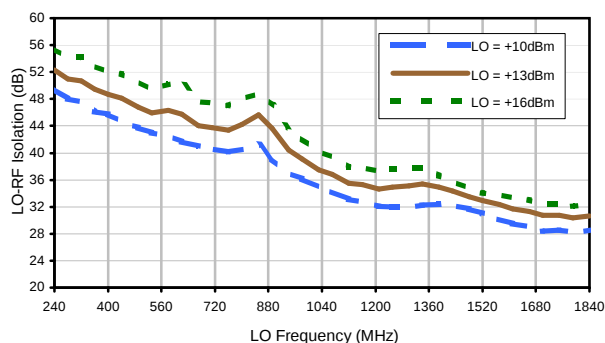


Compression @ RF IN=+8dBm

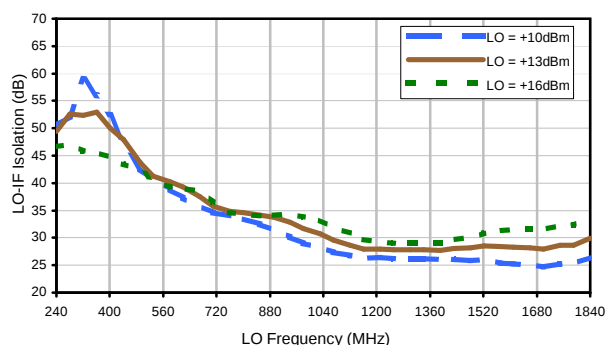


Typical Performance Curves

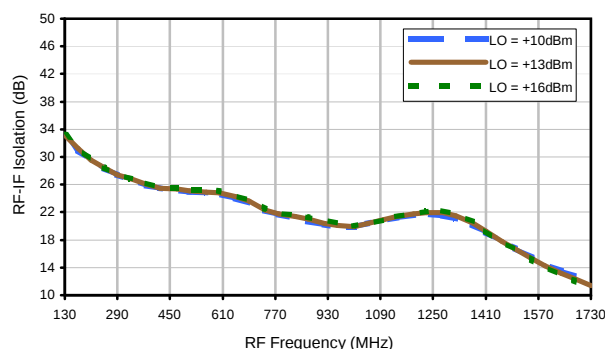
LO-RF Isolation



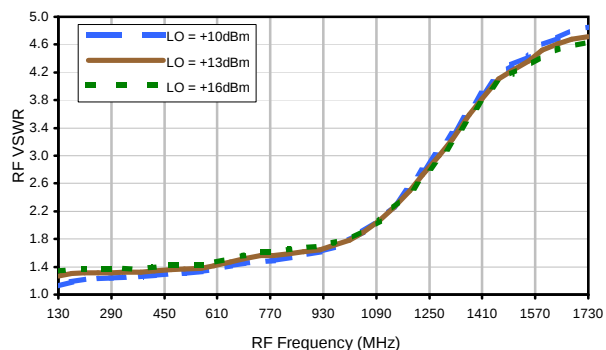
LO-IF Isolation



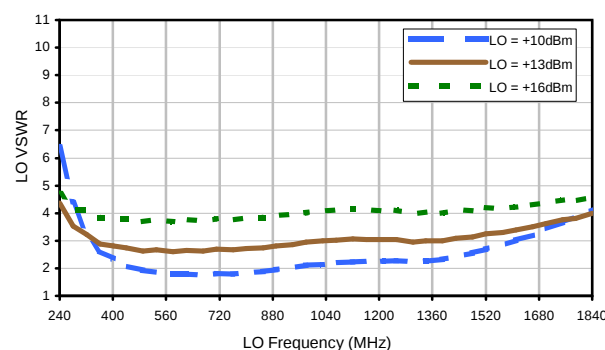
RF-IF Isolation



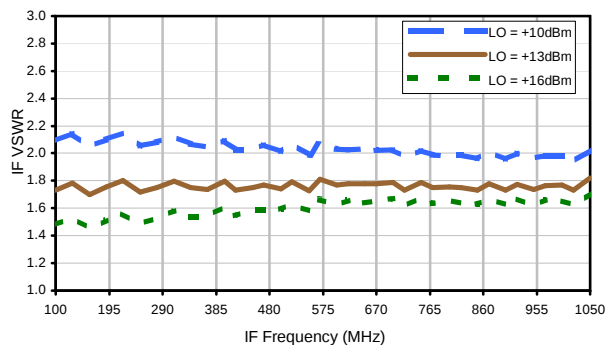
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	9	19	13	23	18	31	32	43	42	52
1	-	17	+0	41	11	33	34	37	42	51	51	73
2	74	74	53	63	50	65	57	80	64	65	71	75
3	>100	>86	70	78	83	73	72	>86	76	77	80	>86
4	>100	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
5	>100	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
6	>100	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
7	>100	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
8	>100	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
9	>100	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
10	>100	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86	>86
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 711 MHz; -7.00 dBm.
LO IN: 821.6 MHz; +13.00 dBm
IF OUT: 110.6 MHz; -13.95 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	18	29	24	33	30	43	45	58	64	74
1	-	17	+0	43	11	33	35	40	46	56	57	80
2	54	59	43	57	40	58	49	75	54	59	62	69
3	87	61	49	60	61	53	47	62	56	56	61	69
4	>100	76	74	69	73	73	71	76	70	82	76	79
5	>100	73	73	72	71	74	67	69	64	74	77	87
6	>100	>96	95	91	89	>96	83	92	77	85	86	>96
7	>100	95	>96	>96	92	>96	87	91	84	91	89	94
8	>100	>96	>96	>96	>96	>96	>96	>96	>96	>96	>96	>96
9	>100	>96	>96	>96	>96	>96	>96	>96	>96	>96	>96	>96
10	>100	>96	>96	>96	>96	>96	>96	>96	>96	>96	>96	>96
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 711 MHz; 3.00 dBm.
LO IN: 821.6 MHz; +13.00 dBm
IF OUT: 110.6 MHz; -3.95 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.