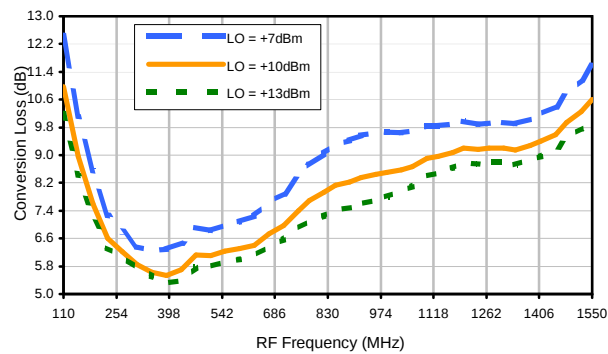
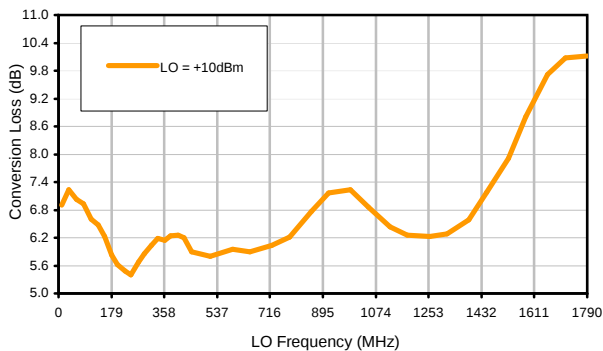


Typical Performance Curves

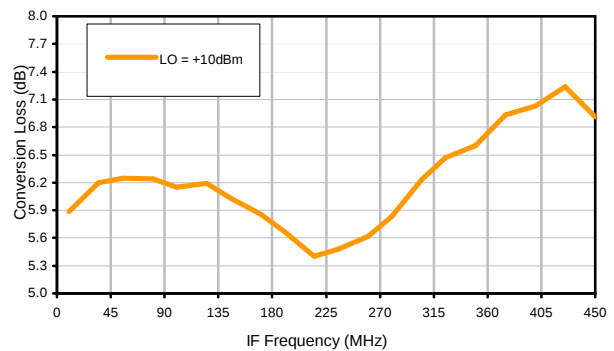
Conversion Loss @ IF=140MHz



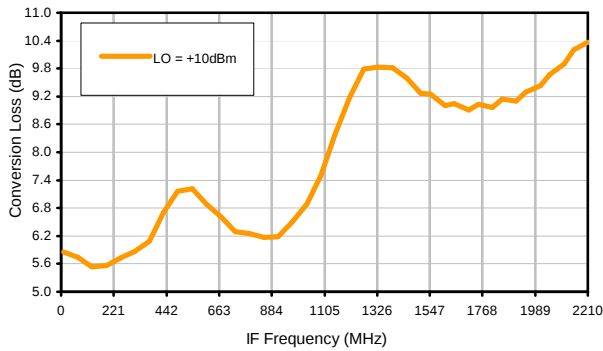
Conversion Loss vs. LO @ RF=460.1MHz



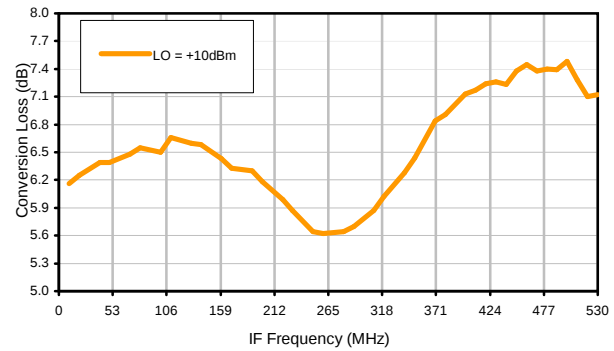
Conversion Loss vs. IF @ RF=460.1MHz



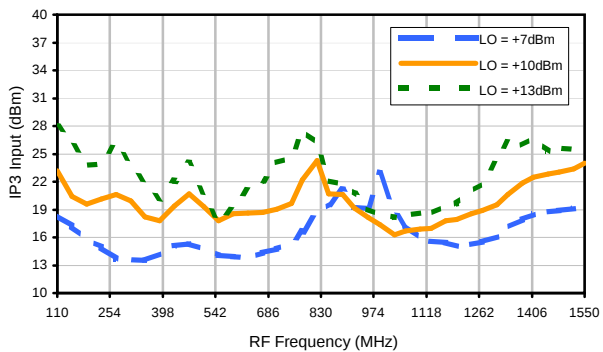
Conversion Loss vs. IF @ RF=380.1MHz



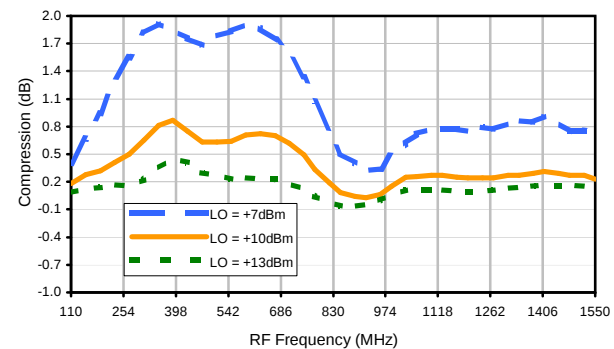
Conversion Loss vs. IF @ RF=540.1MHz



IP3 Input

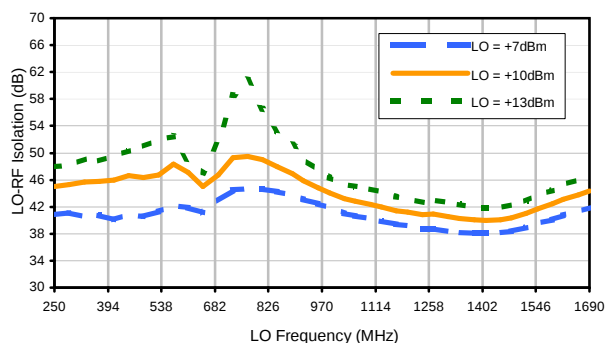


Compression @ RF IN=+7dBm

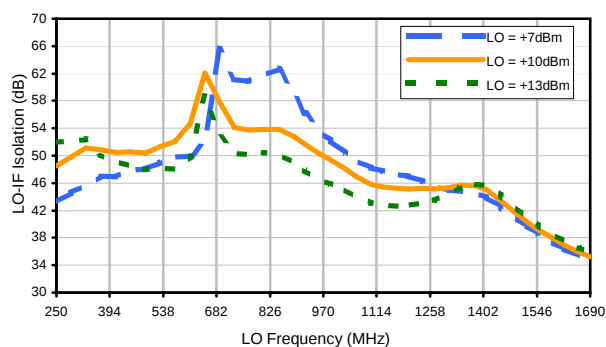


Typical Performance Curves

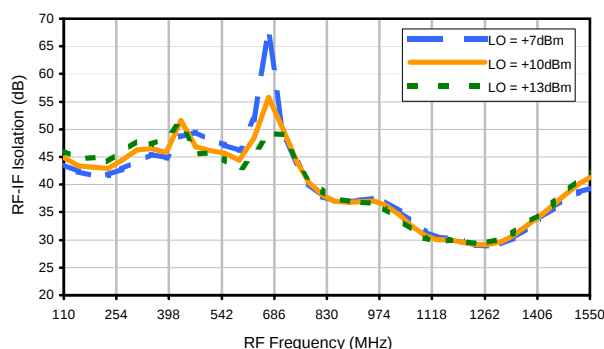
LO-RF Isolation



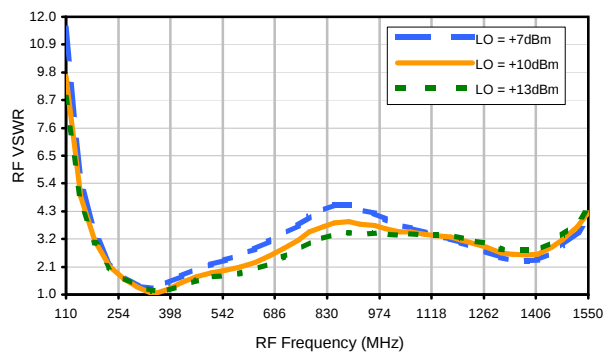
LO-IF Isolation



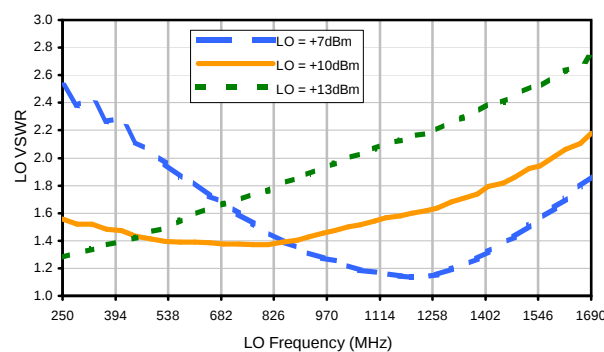
RF-IF Isolation



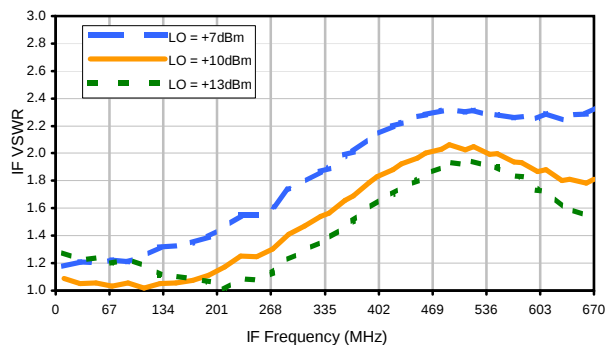
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	30	19	38	38	33	44	40	49	54	45
1	-	42	+0	44	16	42	23	37	36	42	32	53
2	80	64	79	65	70	67	74	63	73	74	65	65
3	>100	81	69	>86	66	80	66	73	56	77	61	>86
4	>100	>86	>86	>86	84	83	>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	80	>86	81	>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: 460 MHz; -8.00 dBm.
LO IN: 600 MHz; +10.00 dBm
IF OUT: 140 MHz; -14.04 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	42	29	52	51	46	58	59	65	78	74
1	-	43	+0	43	16	44	26	41	43	49	42	64
2	60	54	56	54	65	64	58	59	64	77	66	68
3	93	64	48	88	40	61	53	56	39	58	45	65
4	>100	79	78	75	74	72	76	74	70	74	73	77
5	>100	86	70	84	62	87	62	72	62	71	59	81
6	>100	85	87	91	84	83	79	89	79	88	87	86
7	>100	95	86	92	80	88	77	89	79	85	80	90
8	>100	>96	>96	>96	91	87	91	88	85	94	93	>96
9	>100	>96	>96	>96	93	>96	90	>96	89	>96	>96	>96
10	>100	>96	>96	>96	>96	>96	>96	>96	94	93	>96	>96
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 460 MHz; 2.00 dBm.
LO IN: 600 MHz; +10.00 dBm
IF OUT: 140 MHz; -4.17 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.