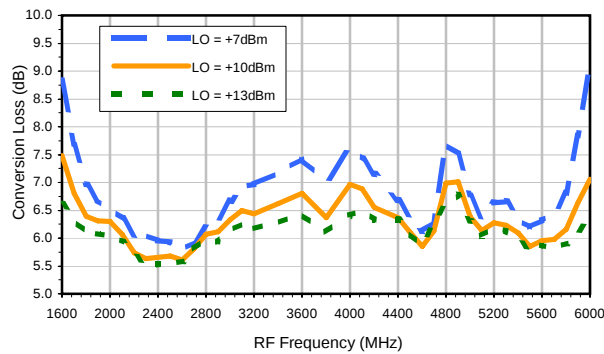
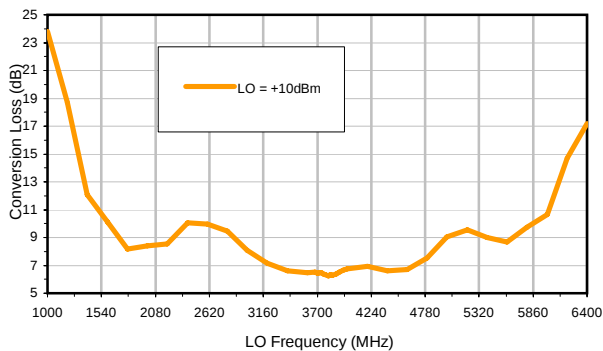


Typical Performance Curves

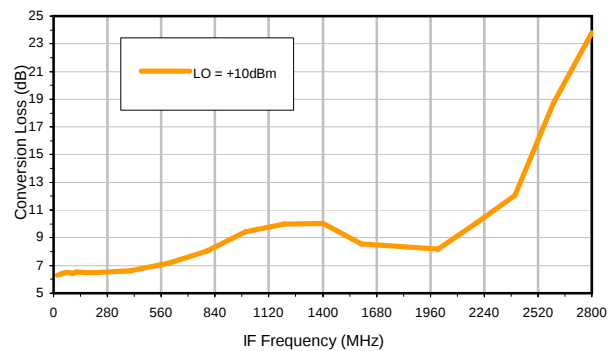
Conversion Loss @IF=30 MHz



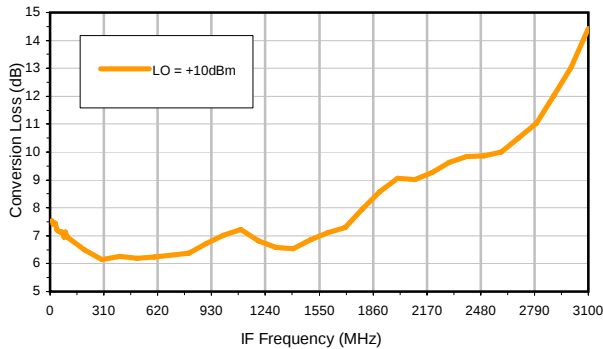
Conversion Loss vs. LO @ RF=3800.1 MHz



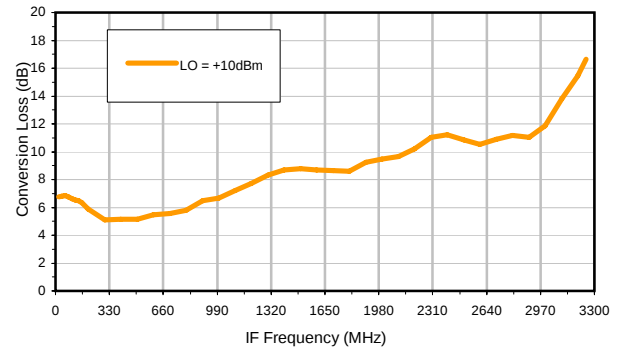
Conversion Loss vs. IF @ RF=3800.1 MHz



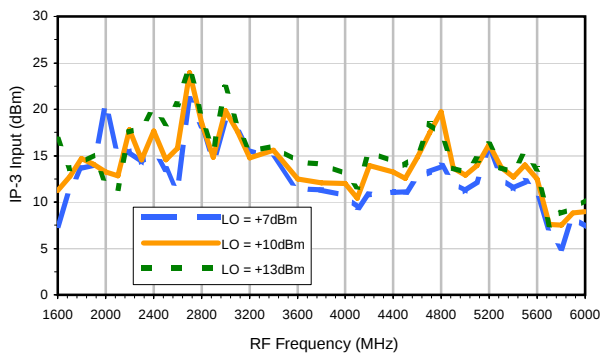
Conversion Loss vs. IF @ RF=1600.1 MHz



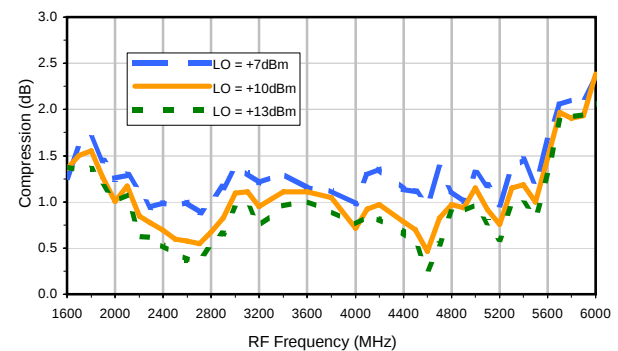
Conversion Loss vs. IF @ RF=6000.1 MHz



IP-3 Input

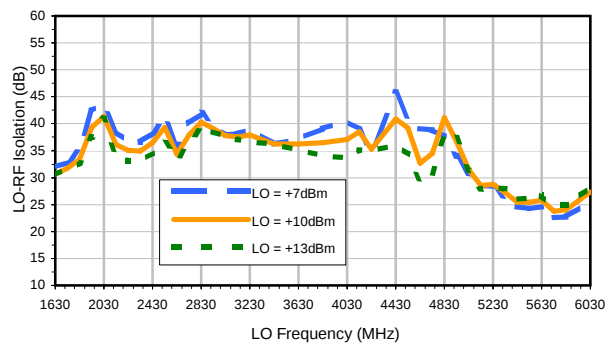


Compression @RF IN=+5 dBm

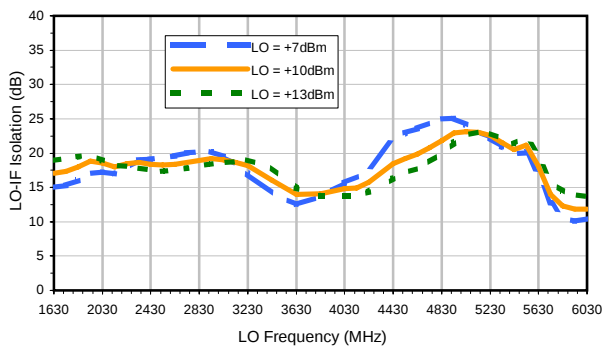


Typical Performance Curves

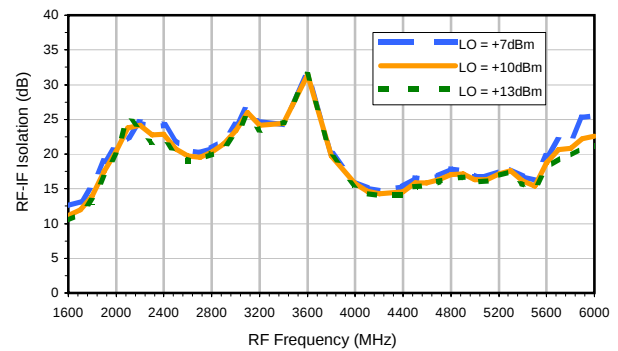
LO-RF Isolation



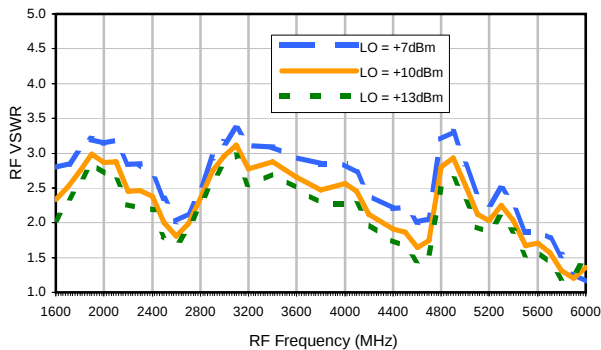
LO-IF Isolation



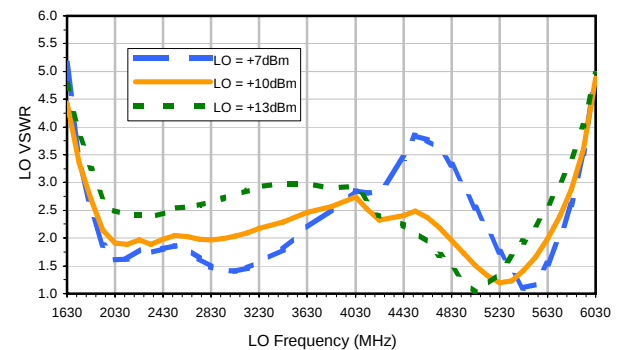
RF-IF Isolation



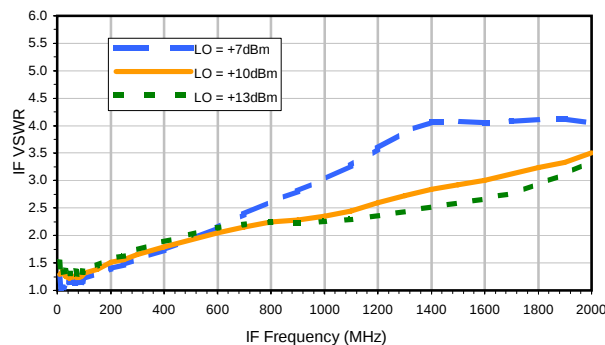
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	-12.79	19.49	21.66	28.00	11.96	61.79	---	---	---	---
1	---	13.27	---	30.10	18.81	41.81	29.75	64.42	63.82	---	---	---
2	120.42	51.46	43.40	53.62	43.70	53.04	64.80	55.12	48.73	79.20	---	---
3	123.19	64.69	57.88	79.05	59.13	66.19	80.39	73.23	74.65	74.40	100.76	---
4	125.21	83.34	93.09	85.71	80.16	88.05	79.49	83.92	96.96	78.64	81.03	100.91
5	119.69	94.53	103.61	103.28	100.50	107.40	88.84	90.30	99.16	102.26	97.28	97.44
6	133.21	110.81	100.80	105.46	104.65	109.68	88.44	99.64	86.83	105.29	106.32	98.95
7	---	---	111.54	102.06	105.00	99.31	100.00	89.87	97.38	85.77	104.04	105.49
8	---	---	---	111.16	95.85	104.99	102.35	101.45	107.89	104.10	104.43	110.62
9	---	---	---	---	112.46	104.12	98.77	105.00	104.85	105.59	107.99	102.43
10	---	---	---	---	---	109.73	97.32	101.32	107.00	104.73	104.38	109.43
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 3800.1 MHz; -10.00 dBm
LO IN: 3830.1 MHz; +10.00 dBm
IF OUT: 30 MHz; -16.36 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	-2.67	30.00	32.21	46.91	24.33	71.31	---	---	---	---
1	---	13.12	---	32.82	18.45	43.44	30.52	60.65	67.37	---	---	---
2	112.44	40.74	34.65	44.63	36.33	47.78	58.63	55.31	44.03	80.25	---	---
3	119.06	44.32	37.14	59.93	39.06	47.95	57.61	57.62	57.17	68.69	84.19	---
4	111.51	60.25	71.84	61.69	55.73	58.84	55.01	58.99	78.42	59.74	62.21	84.57
5	117.78	81.40	84.49	69.78	65.40	85.68	53.65	66.12	63.37	71.81	65.70	73.58
6	120.41	97.21	75.18	76.32	82.74	78.69	73.92	75.07	72.56	74.03	89.34	69.55
7	---	---	111.92	85.65	85.51	82.44	76.84	103.97	66.67	74.33	75.76	81.02
8	---	---	---	114.05	85.93	85.59	92.19	92.06	88.77	86.79	83.74	83.50
9	---	---	---	---	119.38	101.83	99.05	91.61	93.65	93.83	79.95	84.27
10	---	---	---	---	---	112.18	89.36	92.43	100.33	100.29	94.49	101.94
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 3800.1 MHz; 0 dBm
LO IN: 3830.1 MHz; +10.00 dBm
IF OUT: 30 MHz; -6.43 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 represents the Harmonics level of the RF Input Signal to the mixer