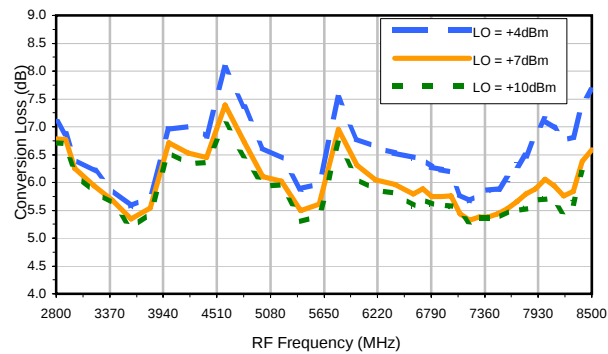
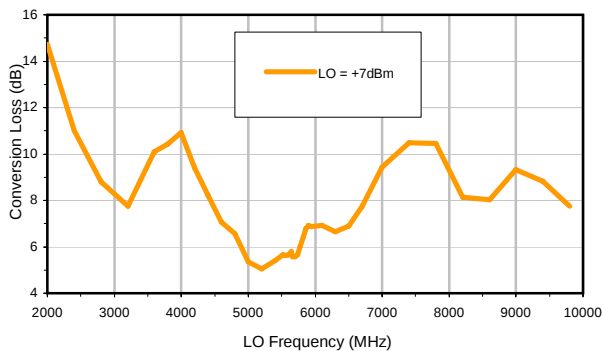


Typical Performance Curves

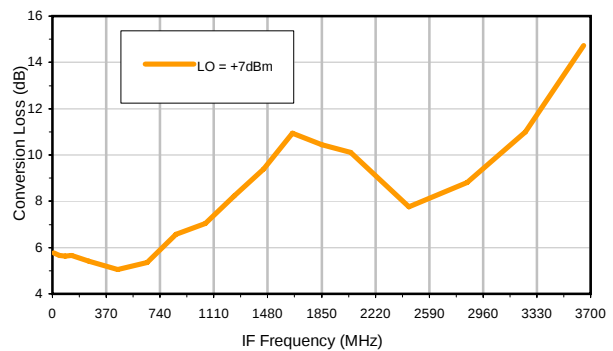
Conversion Loss @IF=30 MHz



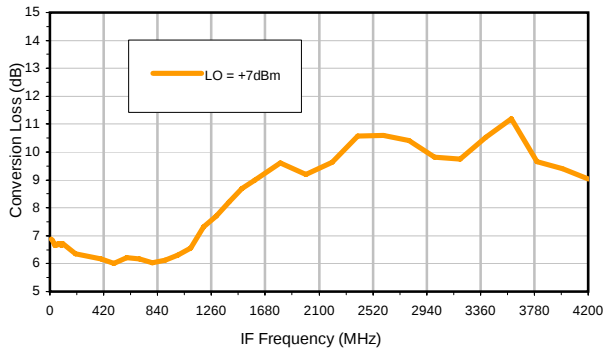
Conversion Loss vs. LO @ RF=5650.1 MHz



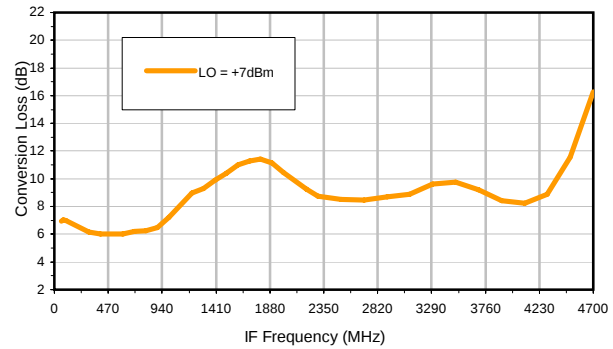
Conversion Loss vs. IF @ RF=5650.1 MHz



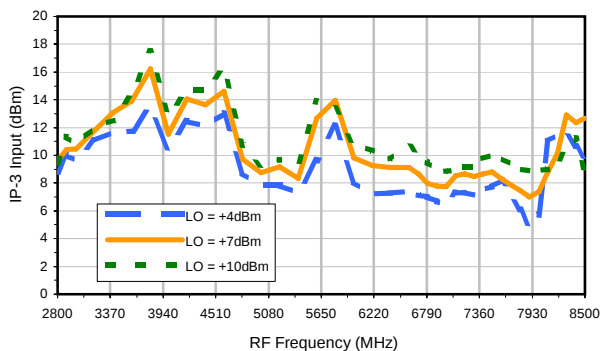
Conversion Loss vs. IF @ RF=2800.1 MHz



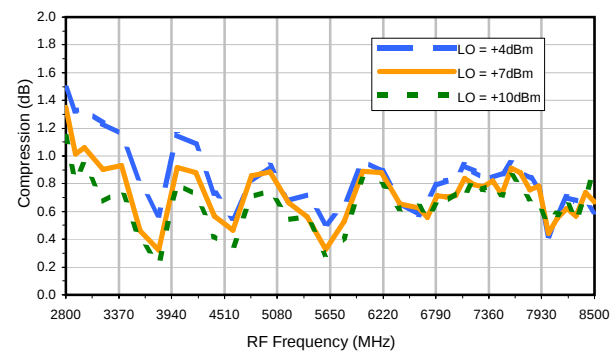
Conversion Loss vs. IF @ RF=8500.1 MHz



IP-3 Input

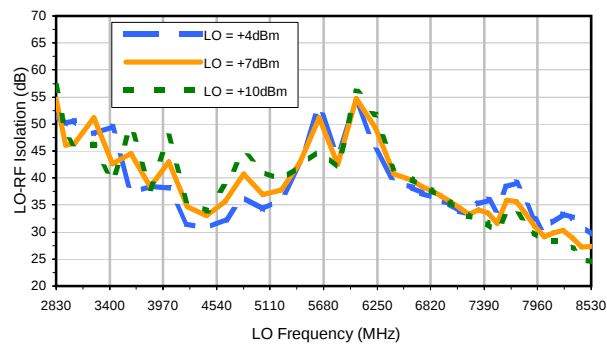


Compression @RF IN=+1 dBm

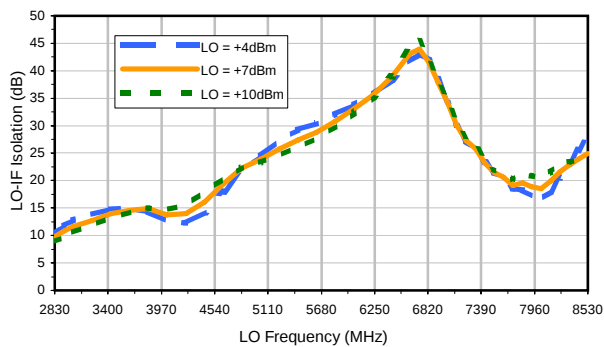


Typical Performance Curves

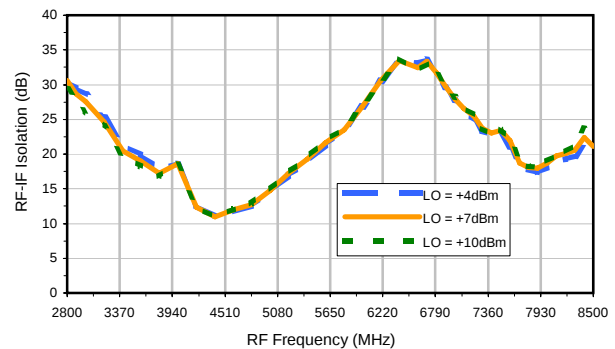
LO-RF Isolation



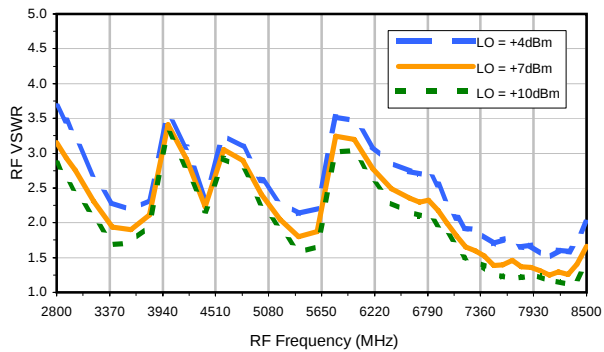
LO-IF Isolation



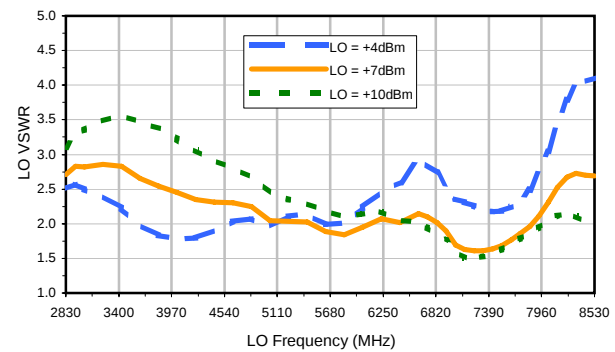
RF-IF Isolation



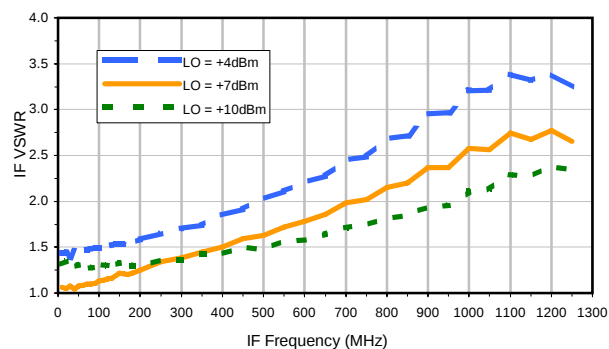
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	3.05	30.27	15.05	52.80	---	---	---	---	---	---
1	---	17.57	---	38.47	19.28	47.65	60.69	---	---	---	---	---
2	121.43	52.42	70.00	59.11	68.69	63.61	59.53	84.37	---	---	---	---
3	122.86	79.91	66.08	88.21	70.65	76.13	63.15	96.04	102.19	---	---	---
4	136.33	114.52	103.84	95.14	106.69	89.10	102.59	89.01	101.82	117.68	---	---
5	---	---	110.92	102.93	104.27	106.28	96.76	105.48	100.81	99.17	111.66	---
6	---	---	---	112.15	99.41	104.06	97.22	101.96	98.52	106.55	102.88	110.66
7	---	---	---	---	115.38	105.39	102.68	103.02	96.60	106.07	109.12	99.83
8	---	---	---	---	---	115.74	98.66	107.46	106.70	97.58	104.47	108.59
9	---	---	---	---	---	---	111.80	102.91	105.29	106.09	99.62	106.39
10	---	---	---	---	---	---	---	110.26	97.33	102.86	108.46	107.47
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 5650.1 MHz; -14.00 dBm

LO IN: 5680.1 MHz; +7.00 dBm

IF OUT: 30 MHz; -19.52 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	13.09	39.19	26.02	64.40	---	---	---	---	---	---
1	---	17.50	---	40.52	19.86	50.89	62.51	---	---	---	---	---
2	112.14	44.23	62.94	47.09	62.96	55.79	53.50	77.56	---	---	---	---
3	113.01	60.11	45.60	68.40	42.13	56.57	45.10	75.95	83.21	---	---	---
4	125.31	92.13	79.97	68.93	76.96	61.04	78.70	63.35	70.90	92.24	---	---
5	---	---	103.85	87.48	75.82	83.99	59.23	75.36	60.41	88.48	95.22	---
6	---	---	---	106.13	95.26	82.78	93.23	71.96	90.80	74.21	89.73	105.46
7	---	---	---	---	113.52	99.50	80.39	104.28	72.20	91.58	75.35	93.39
8	---	---	---	---	---	111.41	100.92	93.71	102.96	83.61	99.93	85.78
9	---	---	---	---	---	---	111.04	102.06	93.37	105.34	85.11	100.23
10	---	---	---	---	---	---	---	109.65	101.13	103.62	106.96	91.60
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 5650.1 MHz; -4.00 dBm

LO IN: 5680.1 MHz; +7.00 dBm

IF OUT: 30 MHz; -9.56 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