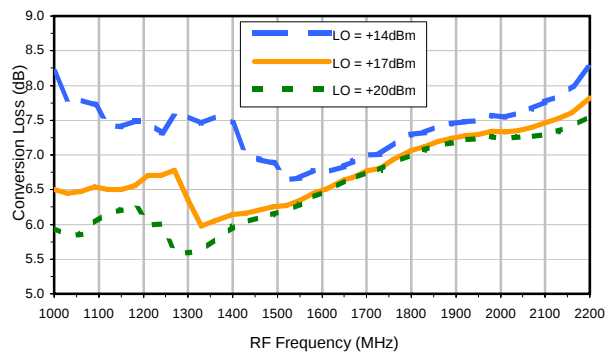
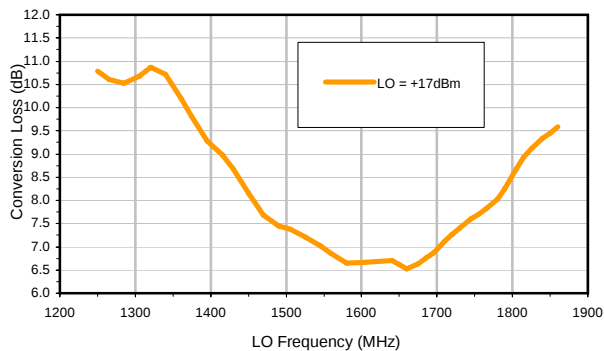


Typical Performance Curves

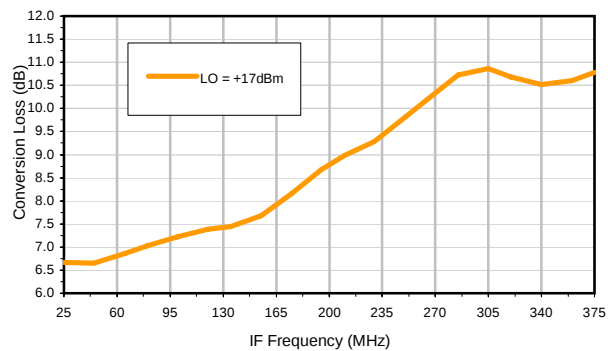
Conversion Loss @IF=30 MHz



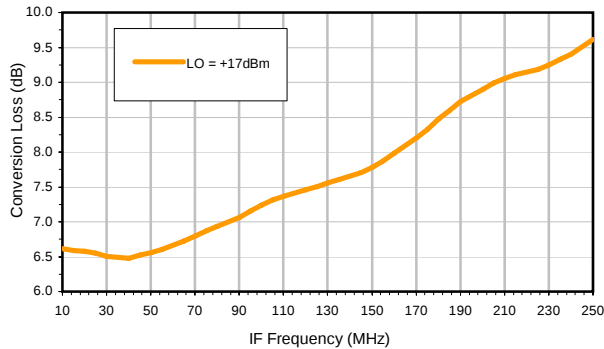
Conversion Loss vs. LO @ RF=1625 MHz



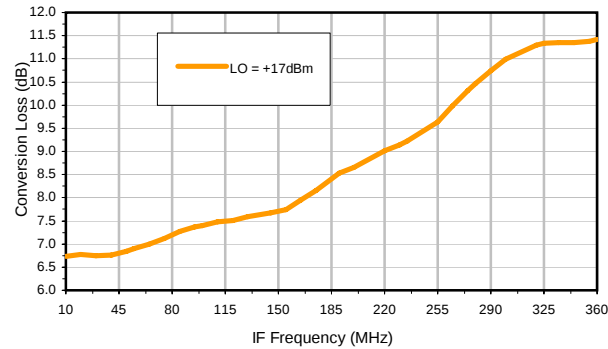
Conversion Loss vs. IF @ RF=1625 MHz



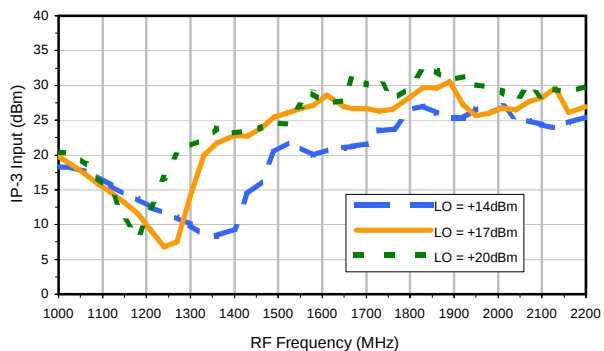
Conversion Loss vs. IF @ RF=1600 MHz



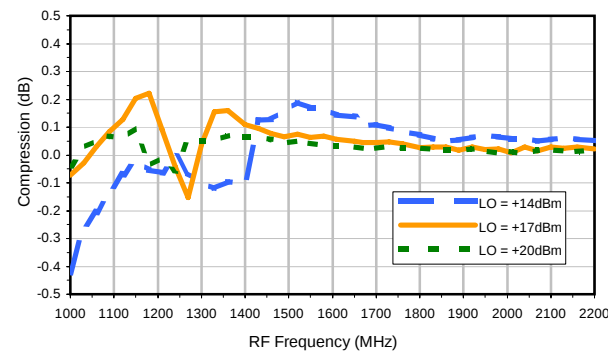
Conversion Loss vs. IF @ RF=1670 MHz



IP-3 Input

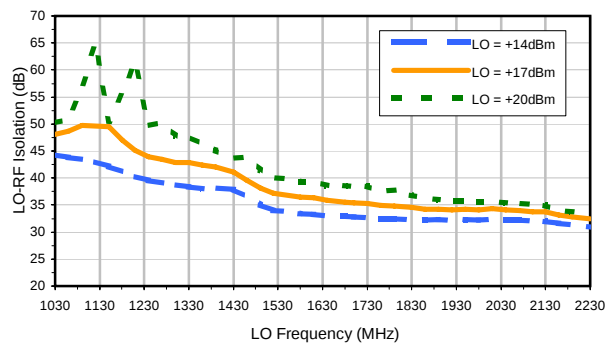


Compression @RF IN=+14 dBm

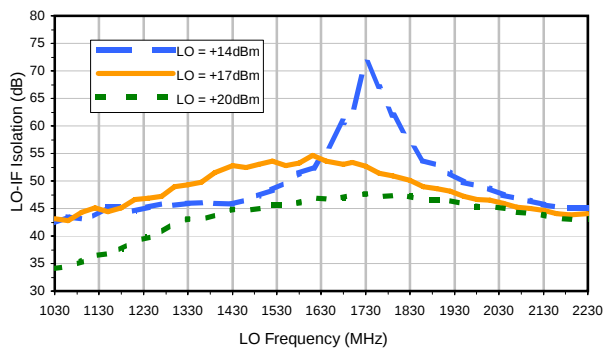


Typical Performance Curves

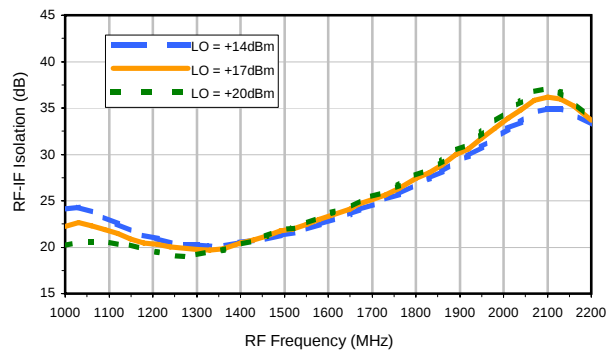
LO-RF Isolation



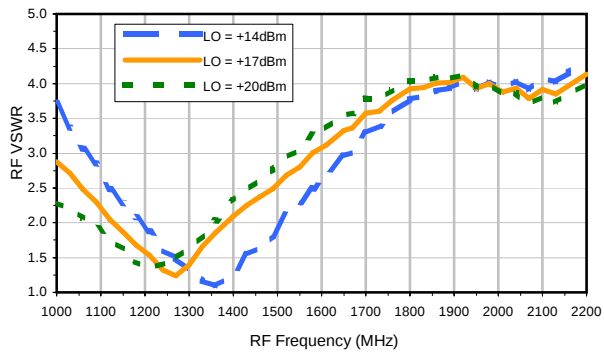
LO-IF Isolation



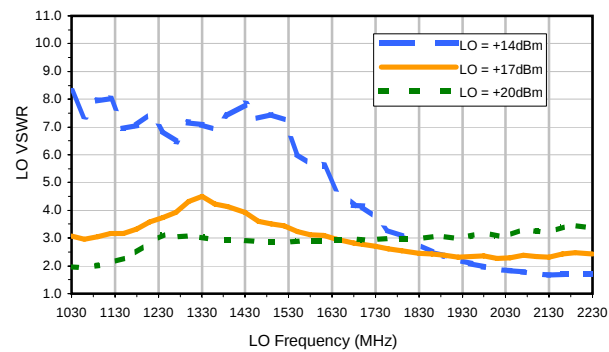
RF-IF Isolation



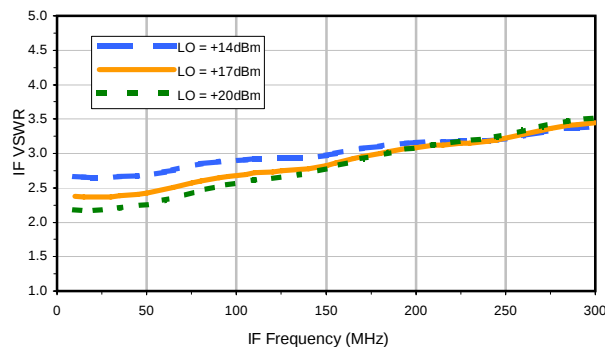
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	20.32	19.56	6.74	22.96	9.58	25.76	23.32	30.44	37.35	42.17
1	---	17.41	---	38.04	31.29	35.50	32.84	48.54	59.40	44.26	45.94	59.96
2	111.00	72.17	68.99	69.08	71.90	81.11	59.41	72.68	59.93	75.50	67.74	69.28
3	126.41	93.25	99.03	96.39	72.71	93.88	94.43	91.64	88.60	97.94	94.80	97.08
4	127.58	106.09	105.59	106.48	109.09	109.64	107.83	105.91	109.59	108.28	103.76	107.03
5	127.91	107.63	107.47	107.78	107.33	109.18	95.54	108.16	107.41	109.53	108.35	109.11
6	125.89	108.76	106.62	108.86	106.56	107.30	111.82	103.83	110.26	108.98	107.47	106.73
7	126.29	107.36	109.79	107.86	106.84	108.62	108.68	110.18	107.86	108.52	110.50	108.79
8	125.23	105.20	106.18	108.57	109.10	106.90	107.97	106.92	109.56	107.86	109.96	108.56
9	123.84	104.20	107.95	107.79	106.14	108.97	107.71	107.86	107.21	108.43	100.34	109.53
10	122.45	103.95	102.42	106.10	107.11	107.29	107.49	106.10	109.70	108.37	111.29	103.23
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1625 MHz; -10.00 dBm
LO IN: 1655 MHz; +17 dBm
IF OUT: 30 MHz; -16.52 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	31.02	29.51	16.95	32.92	20.22	36.02	34.33	41.22	49.06	54.05
1	---	17.42	---	38.09	31.41	35.72	33.19	48.57	62.52	44.64	47.24	61.04
2	97.61	63.06	59.64	58.38	62.88	74.19	50.27	63.96	51.03	66.49	59.06	61.06
3	122.28	72.69	79.17	76.16	53.28	74.11	74.82	72.07	70.07	77.10	76.39	76.82
4	124.55	89.38	83.92	89.94	89.61	85.29	91.79	89.15	80.29	88.28	80.35	89.33
5	121.81	112.72	102.54	107.70	106.72	122.71	88.34	110.10	110.53	106.01	97.63	99.85
6	123.92	120.30	116.94	113.50	111.65	118.67	117.87	108.27	119.40	113.00	108.04	112.12
7	123.07	120.42	119.56	118.49	119.52	121.04	121.19	123.26	115.87	121.58	120.62	120.01
8	122.38	117.69	117.40	119.90	121.29	120.68	121.62	117.21	121.59	114.52	122.58	121.72
9	117.84	115.50	119.14	119.74	118.16	120.92	120.15	121.72	119.24	122.64	109.74	121.95
10	120.78	117.25	117.44	119.51	118.41	119.66	120.17	118.47	121.87	120.28	121.13	115.34
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1625 MHz; 0 dBm
LO IN: 1655 MHz; +17 dBm
IF OUT: 30 MHz; -6.64 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