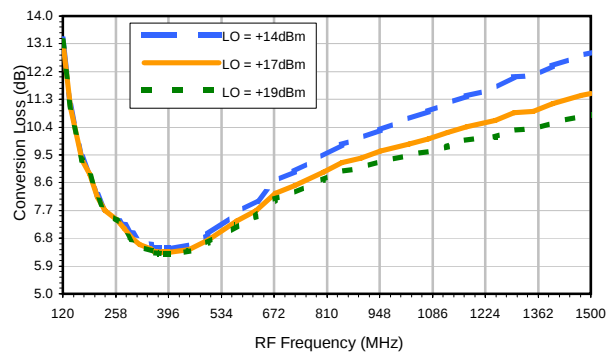
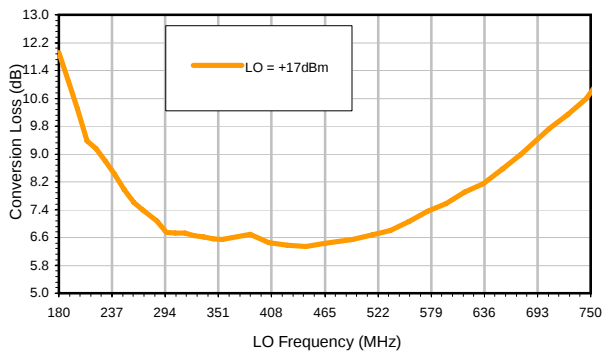


Typical Performance Curves

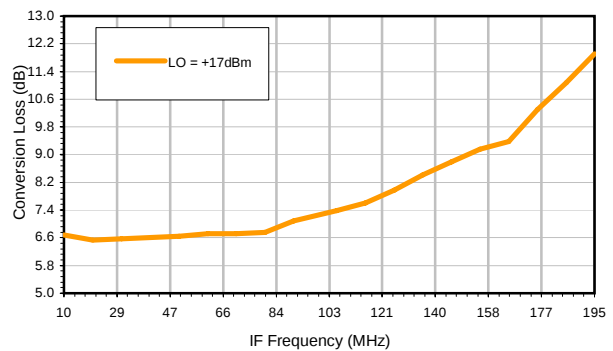
Conversion Loss @IF=50.1 MHz



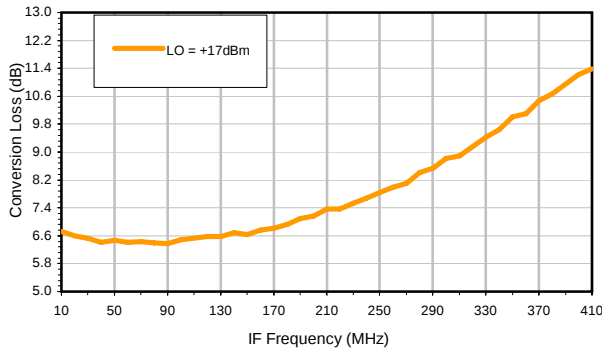
Conversion Loss vs. LO @ RF=375.1 MHz



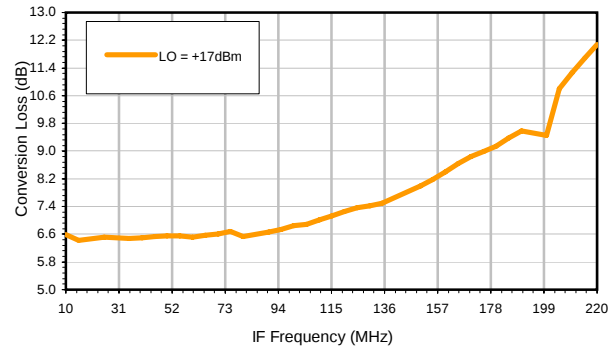
Conversion Loss vs. IF @ RF=375.1 MHz



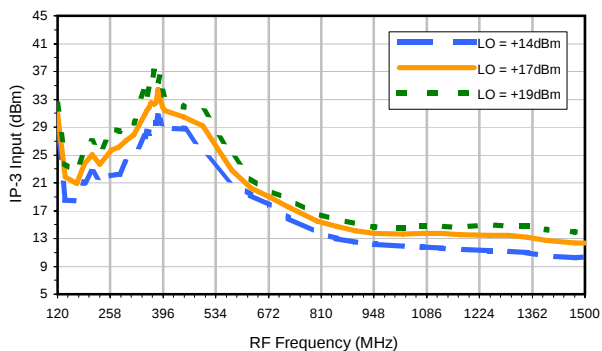
Conversion Loss vs. IF @ RF=350 MHz



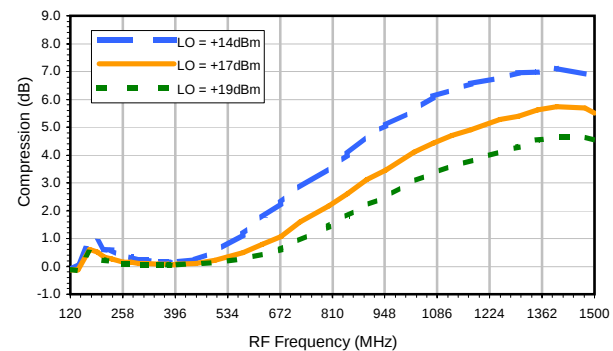
Conversion Loss vs. IF @ RF=400.1 MHz



IP-3 Input

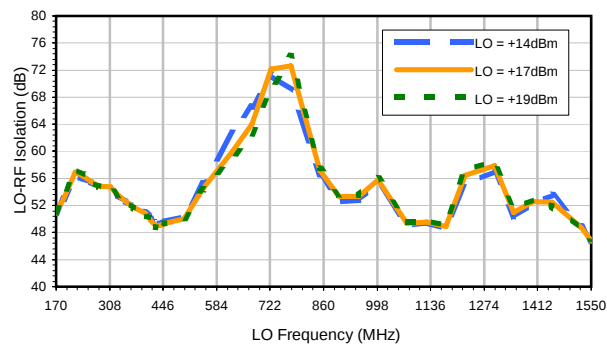


Compression @RF IN=+14 dBm

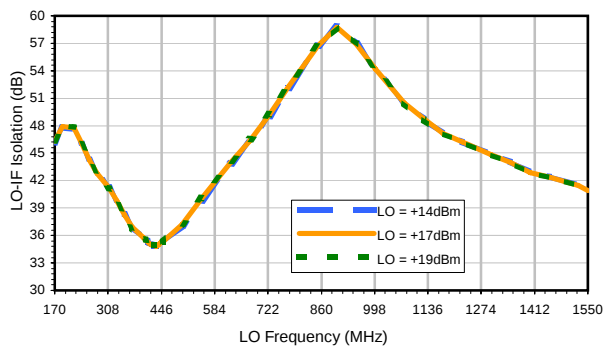


Typical Performance Curves

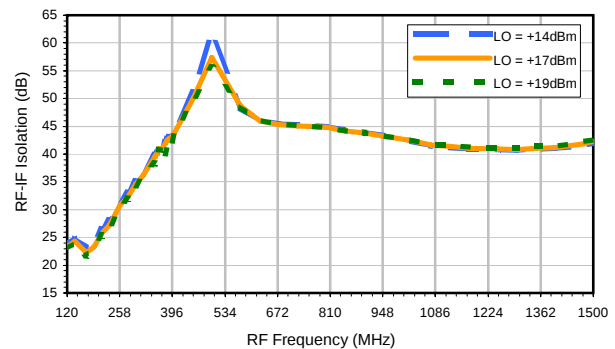
LO-RF Isolation



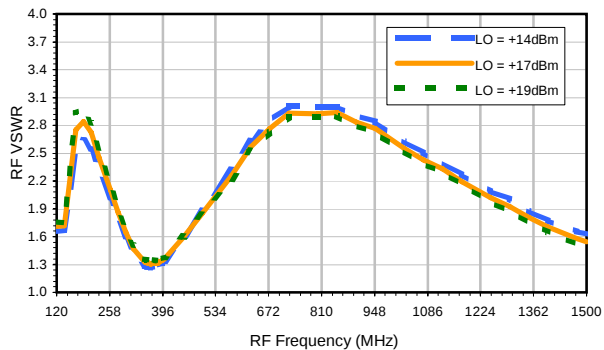
LO-IF Isolation



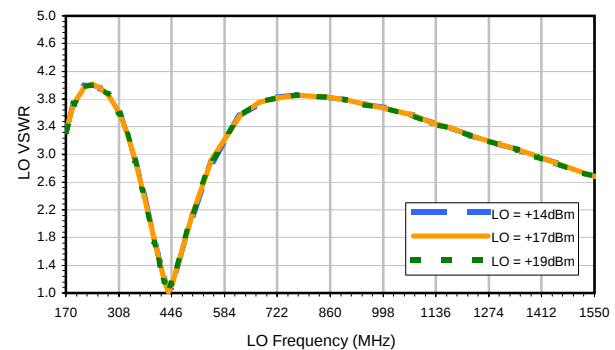
RF-IF Isolation



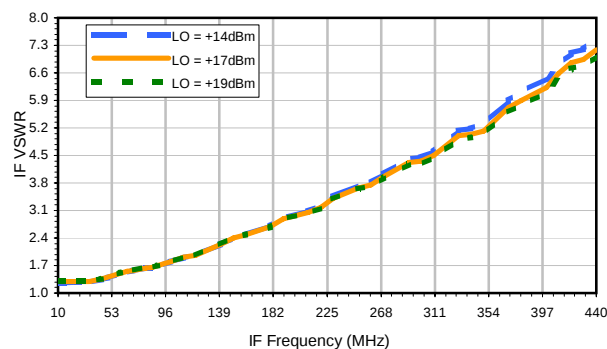
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	8.44	39.26	45.37	34.58	44.08	47.12	39.80	45.82	43.34	51.40
1	-	35.88	+0	44.78	29.65	51.24	31.06	62.93	34.67	41.20	45.07	38.39
2	70.97	79.41	64.13	66.99	71.20	89.16	100.11	82.92	85.24	76.97	76.08	73.23
3	98.92	102.14	84.07	100.26	82.36	94.88	94.30	103.34	85.07	98.29	80.03	90.91
4	117.52	96.12	98.10	104.51	93.89	93.60	109.18	105.77	101.87	113.64	117.25	102.29
5	103.79	100.44	112.72	113.15	93.98	93.93	93.14	117.86	101.93	103.71	99.52	111.31
6	106.70	92.05	107.10	116.90	96.19	102.14	92.95	98.53	105.11	98.86	130.30	97.02
7	106.21	98.66	103.11	113.85	104.88	103.57	100.24	95.81	98.67	129.08	98.18	98.94
8	106.86	100.26	107.37	102.63	96.43	105.15	103.99	96.33	94.82	97.31	104.60	101.95
9	112.97	101.72	96.16	105.40	108.23	100.04	103.23	94.79	92.60	104.73	93.82	94.28
10	111.70	102.21	96.89	95.51	109.77	107.97	103.18	100.41	105.94	89.54	92.76	102.78
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 375.00 (MHz); -5.00 dBm
LO IN: 425.00 (MHz); 17.00 dBm
IF OUT: 50.00 (MHz); -11.59 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	17.97	49.71	55.27	43.97	56.11	56.67	47.47	53.70	53.89	62.69
1	-	35.85	+0	44.54	29.80	51.07	31.39	61.28	35.69	41.16	50.35	38.64
2	60.90	69.39	53.78	57.32	61.80	79.13	91.13	72.81	74.10	68.48	64.49	66.02
3	90.15	99.08	64.38	92.42	66.20	76.46	83.42	89.55	67.52	82.24	61.75	75.19
4	123.62	112.22	112.56	96.45	82.47	95.66	86.16	119.04	99.15	112.65	91.87	94.95
5	109.94	113.66	103.89	110.93	92.15	100.60	89.50	112.80	112.43	108.45	102.76	103.87
6	109.80	113.81	112.01	112.50	102.69	112.93	102.63	102.23	119.09	117.21	117.16	108.29
7	112.92	108.19	102.94	110.10	112.68	104.92	105.02	101.55	97.71	108.57	112.11	105.96
8	123.07	105.70	108.35	106.23	105.45	117.13	105.30	114.55	116.12	104.87	108.28	121.87
9	112.99	105.85	112.74	106.78	115.40	113.41	112.58	110.51	114.33	122.45	103.85	107.56
10	128.80	115.22	99.69	110.64	114.34	105.28	116.95	116.62	116.56	97.22	101.80	128.09
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 375.00 (MHz); 5.00 dBm
LO IN: 425.00 (MHz); 17.00 dBm
IF OUT: 50.00 (MHz); -1.60 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