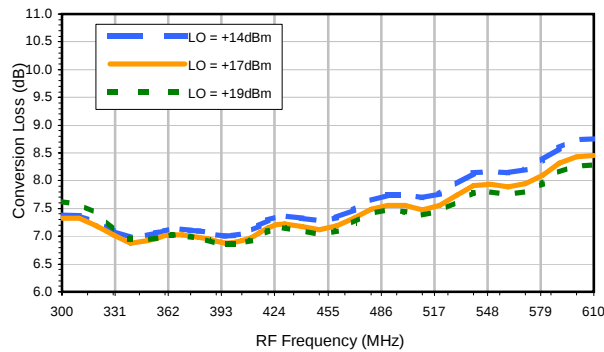
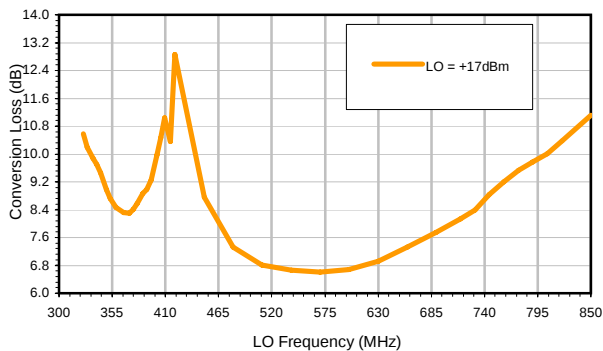


Typical Performance Curves

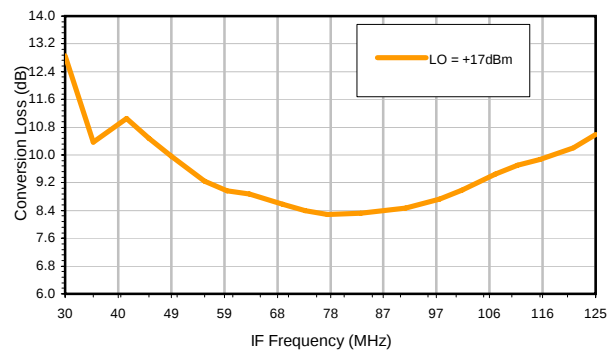
Conversion Loss @IF=110 MHz



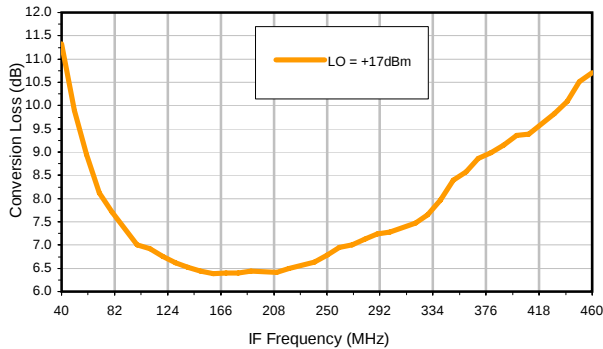
Conversion Loss vs. LO @ RF=450 MHz



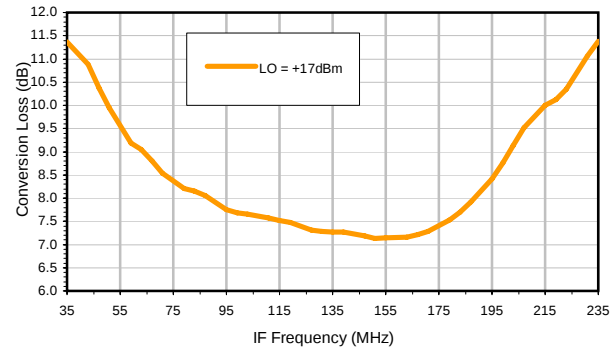
Conversion Loss vs. IF @ RF=450 MHz



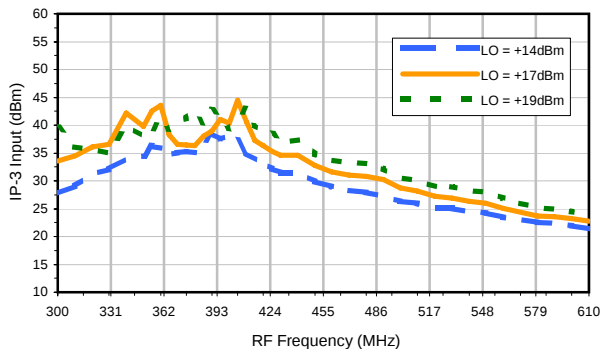
Conversion Loss vs. IF @ RF=350 MHz



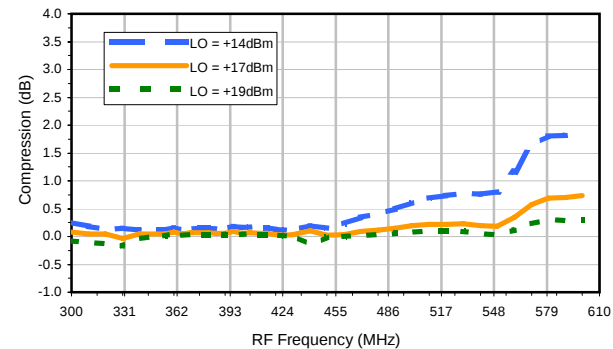
Conversion Loss vs. IF @ RF=550 MHz



IP-3 Input

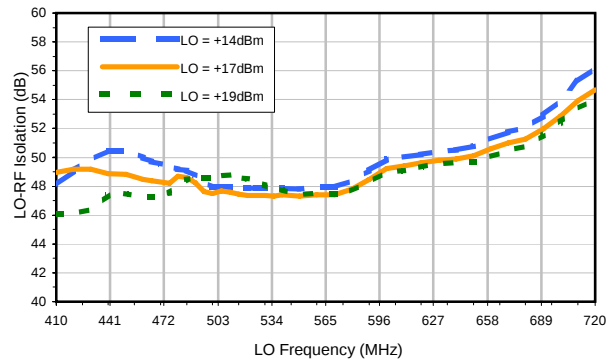


Compression @RF IN=+20 dBm

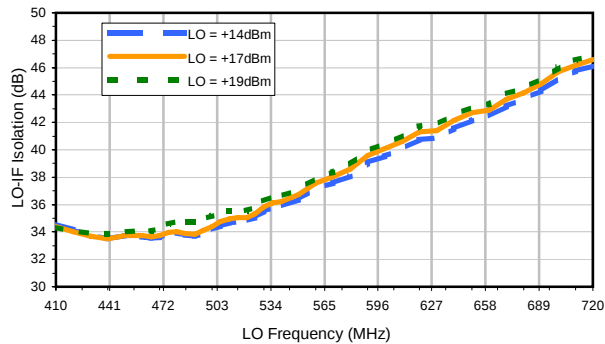


Typical Performance Curves

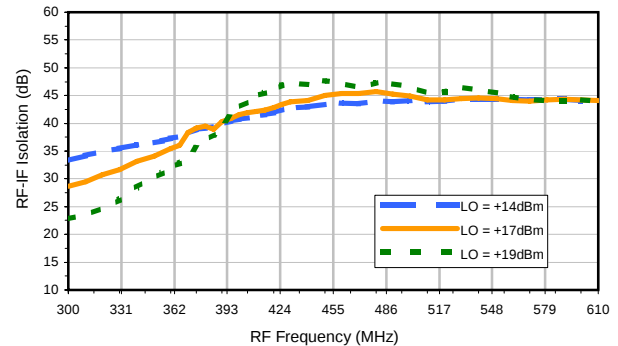
LO-RF Isolation



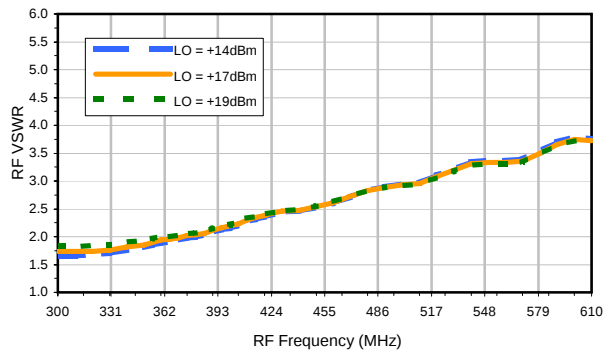
LO-IF Isolation



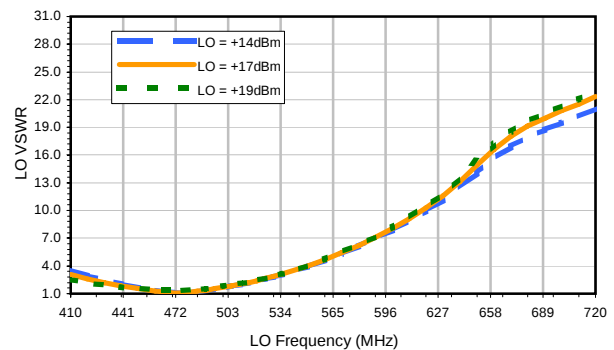
RF-IF Isolation



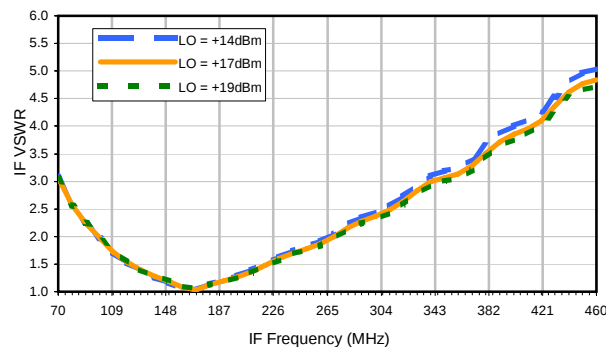
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	--	10.45	39.53	48.12	51.82	39.06	43.98	30.03	42.32	45.69	48.28
1	---	33.55	--	50.74	34.03	55.63	34.03	51.87	33.75	40.57	41.74	62.60
2	99.53	74.52	56.62	62.05	68.88	90.74	89.14	79.61	80.29	66.81	66.43	74.11
3	114.11	113.56	79.26	86.12	77.00	92.42	120.94	103.87	85.63	94.63	70.56	89.74
4	114.31	121.54	111.93	110.66	98.93	110.01	107.86	121.80	111.70	118.90	101.41	104.27
5	116.77	120.43	121.35	123.25	95.80	111.30	97.08	119.82	115.28	120.55	113.05	111.61
6	112.07	121.05	115.97	122.45	109.14	110.34	96.94	112.15	118.46	118.32	114.32	118.67
7	114.34	118.84	121.34	120.78	119.78	121.46	108.44	113.50	119.62	122.93	120.19	121.21
8	114.04	119.64	120.00	119.62	121.09	121.78	108.97	111.80	113.68	121.44	120.68	121.53
9	114.11	121.16	120.32	120.30	119.97	119.00	120.72	105.86	115.48	104.23	123.27	120.84
10	112.93	120.19	120.56	119.52	121.05	121.15	121.93	119.20	113.31	110.26	115.41	122.76
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN:390.00 MHz; 0 dBm.
LO IN: 500.00 MHz; +17.00 dBm
IF OUT: 110.00 MHz; -7.07 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	--	20.22	48.41	59.90	56.38	47.96	51.43	40.31	50.47	52.94	62.57
1	---	33.95	--	45.57	35.23	42.74	33.69	44.99	35.73	56.14	47.43	50.69
2	89.66	67.61	46.64	53.67	60.25	75.02	81.47	69.00	66.11	57.34	57.14	68.03
3	104.24	86.94	58.98	71.88	59.77	75.42	86.55	84.65	66.45	76.25	51.45	69.56
4	104.44	104.95	111.82	85.41	81.75	82.35	89.83	105.28	91.90	103.02	83.46	83.06
5	106.90	105.40	103.03	105.32	76.41	88.00	80.08	102.26	99.94	110.17	93.11	89.12
6	102.20	121.63	123.62	124.38	111.98	101.22	95.82	100.14	123.40	115.33	111.18	109.24
7	104.47	110.22	112.82	119.80	121.02	111.46	93.79	96.98	106.56	122.22	116.70	113.56
8	104.17	120.99	119.01	122.63	123.50	123.41	119.60	113.75	113.42	122.82	122.93	122.46
9	104.24	118.48	120.59	122.03	122.42	122.50	120.47	115.39	117.88	118.16	123.60	121.70
10	103.06	114.88	118.92	119.35	122.36	123.50	121.29	122.14	118.07	108.59	117.07	123.06
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN:390.00 MHz; 10 dBm.
LO IN: 500.00 MHz; +17.00 dBm
IF OUT: 110.00 MHz; 2.80 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