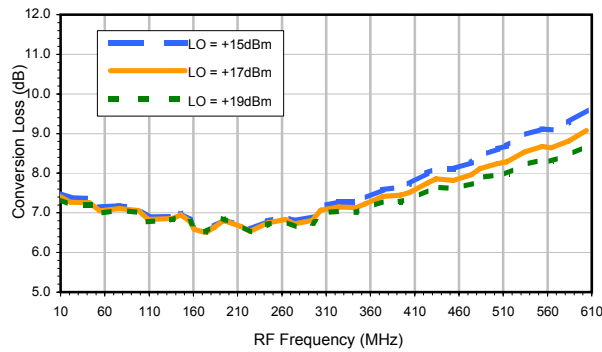
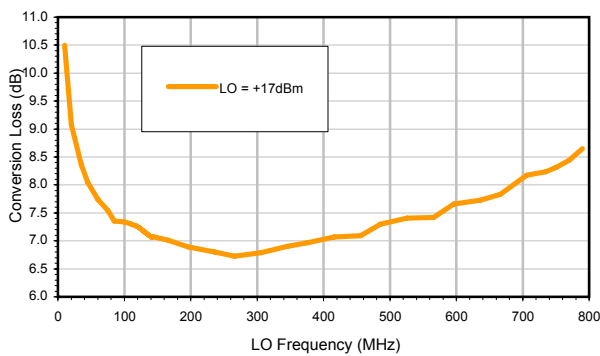


Typical Performance Curves

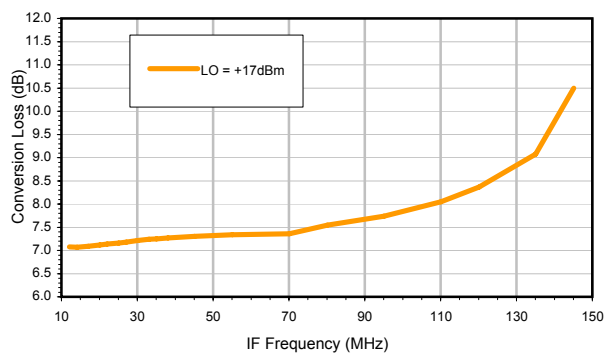
Conversion Loss @IF=70.1 MHz



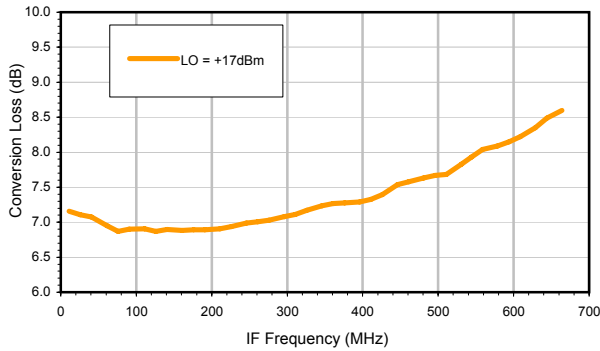
Conversion Loss vs. LO @ RF=155.1 MHz



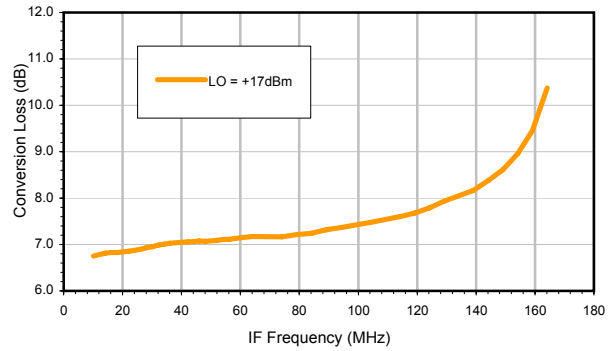
Conversion Loss vs. IF @ RF=155.1 MHz



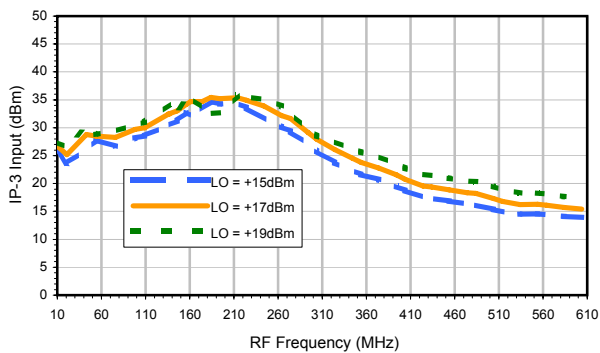
Conversion Loss vs. IF @ RF=136.1 MHz



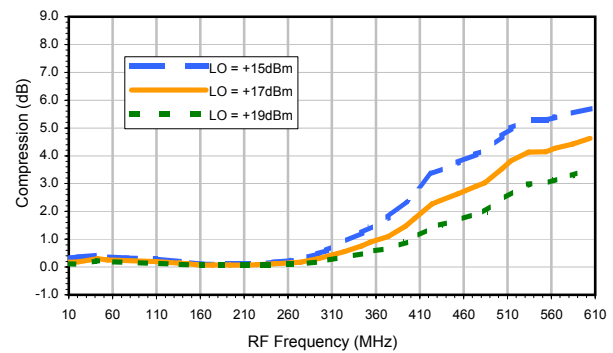
Conversion Loss vs. IF @ RF=174.1 MHz



IP-3 Input



Compression @RF IN=+14 dBm

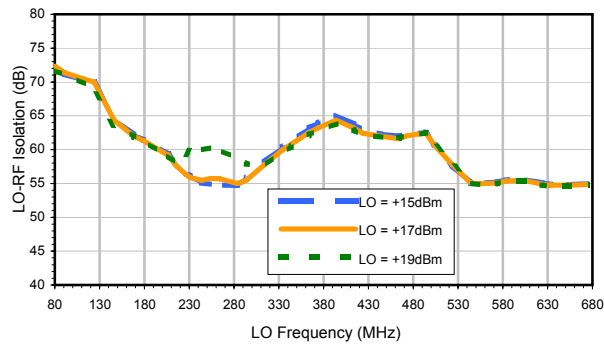


Frequency Mixer

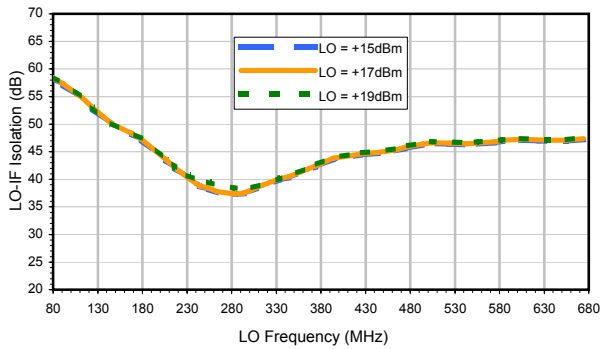
Typical Performance Curves

HJK-261H+

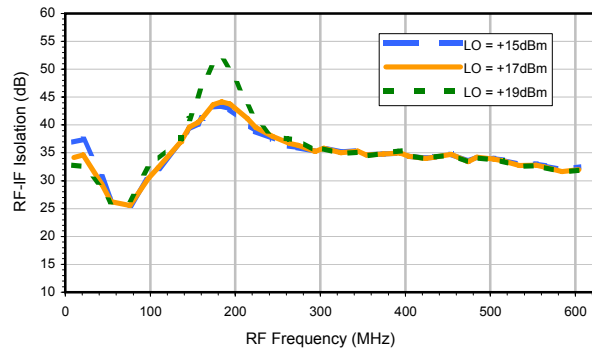
LO-RF Isolation



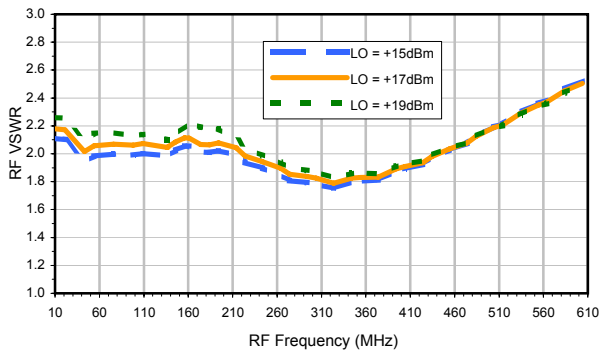
LO-IF Isolation



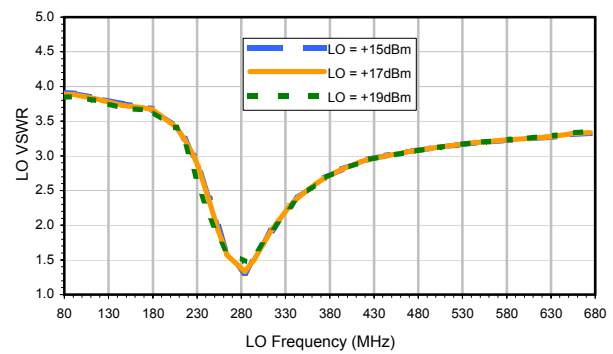
RF-IF Isolation



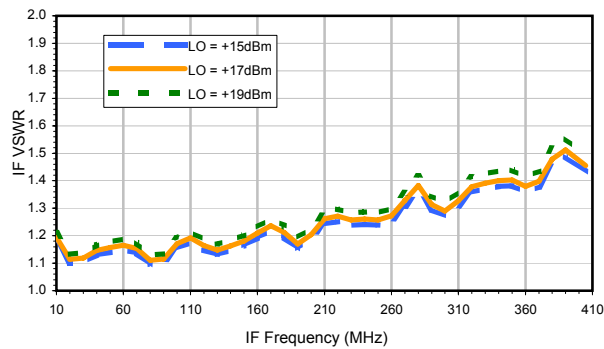
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	14.22	35.80	24.80	36.91	28.16	32.01	34.73	49.21	36.39	54.53
1	---	37.24	---	36.52	11.60	36.73	20.47	38.44	26.19	39.68	37.63	41.33
2	90.70	70.06	64.54	66.50	70.59	68.76	77.30	71.83	79.59	74.14	77.16	77.84
3	81.09	87.44	65.64	86.23	70.81	82.99	67.79	84.00	68.62	84.17	70.44	92.73
4	128.99	112.26	106.50	103.38	105.67	104.30	107.29	119.49	107.62	106.41	108.86	116.31
5	128.42	116.91	109.59	110.42	111.22	110.72	107.81	117.69	108.08	115.19	111.05	118.18
6	128.25	113.33	105.91	102.94	103.97	102.86	103.58	115.29	104.09	118.15	106.18	117.52
7	128.47	118.22	109.43	118.72	95.94	117.98	96.66	117.46	108.30	117.73	111.45	118.47
8	126.85	119.24	112.13	118.44	102.26	107.86	102.64	109.33	112.72	117.74	114.13	117.26
9	127.79	118.78	118.66	118.29	117.69	112.90	112.62	110.48	114.07	117.38	118.67	117.95
10	128.59	118.50	116.97	115.27	118.94	103.72	110.07	103.04	110.63	113.84	117.53	118.19
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 155 MHz; 0 dBm.
 LO IN: 265 MHz; +17.00 dBm
 IF OUT: 110 MHz; -6.88 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	23.89	43.69	35.32	49.66	38.79	42.65	46.34	60.03	47.08	66.02
1	---	36.46	---	35.38	12.08	35.44	21.52	37.21	27.75	38.85	39.98	41.38
2	70.67	57.91	54.58	56.06	59.93	57.43	73.23	60.94	79.57	62.66	67.38	64.71
3	50.64	73.14	57.55	70.63	54.98	67.96	50.12	70.43	51.24	72.09	53.03	89.25
4	95.00	83.96	76.64	84.28	77.45	83.66	80.76	85.86	85.75	88.74	87.01	87.63
5	93.40	85.43	74.43	86.41	77.71	84.20	74.85	82.04	74.87	83.10	76.08	83.49
6	124.12	102.66	93.41	100.62	93.42	102.61	94.30	107.11	96.21	111.43	99.87	105.43
7	125.32	114.79	88.35	107.96	89.90	106.25	90.05	107.29	88.71	105.44	89.85	102.10
8	126.17	115.78	104.36	104.79	103.14	92.25	102.73	92.40	109.48	105.49	108.11	116.23
9	124.61	119.61	105.08	118.61	104.16	107.13	109.37	107.96	106.63	119.66	103.98	119.98
10	126.19	120.75	120.15	118.16	118.37	105.87	114.14	104.72	113.90	117.17	120.07	120.97
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 155 MHz; +10 dBm.
 LO IN: 265 MHz; +17.00 dBm
 IF OUT: 110 MHz; 3.13 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 represent the Harmonics level of the RF input signal to the mixer.