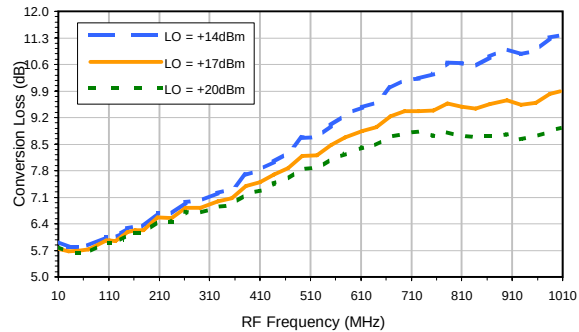
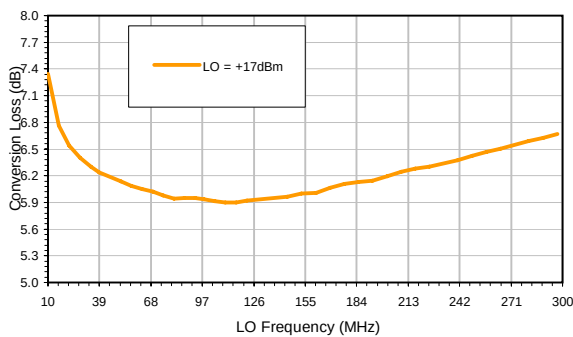


Typical Performance Curves

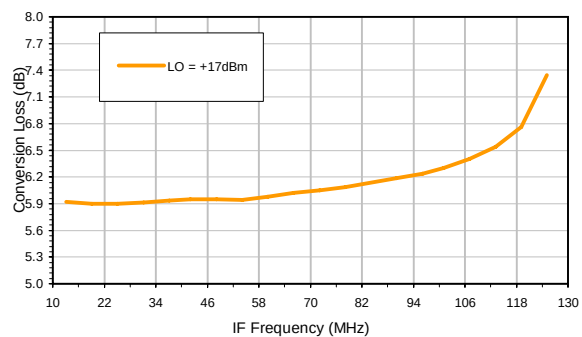
Conversion Loss @IF=30 MHz



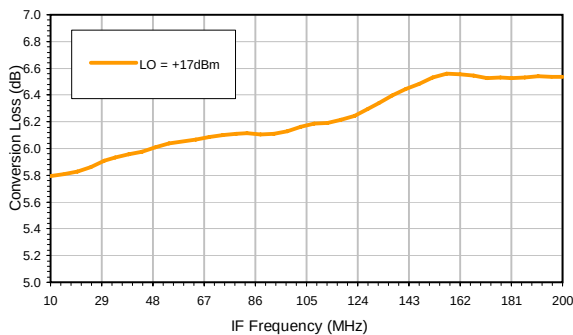
Conversion Loss vs. LO @ RF=135.1 MHz



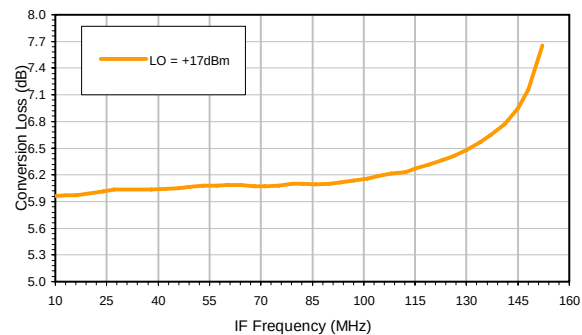
Conversion Loss vs. IF @ RF=135.1 MHz



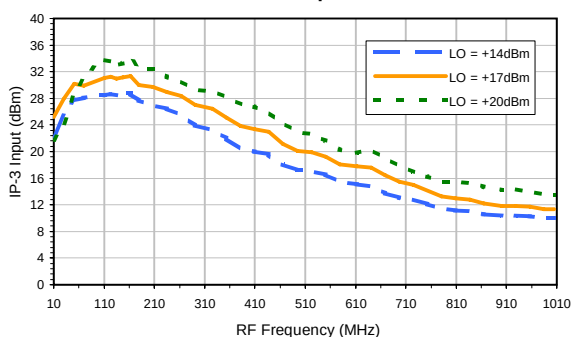
Conversion Loss vs. IF @ RF=108.1 MHz



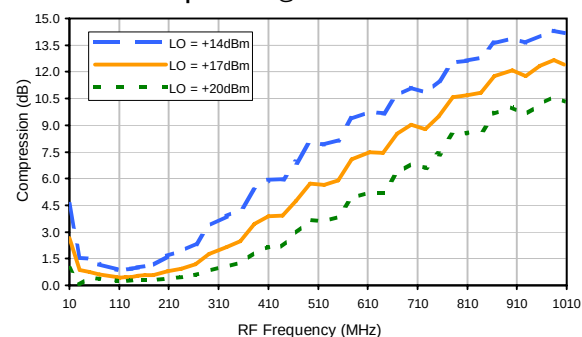
Conversion Loss vs. IF @ RF=162.1 MHz



IP-3 Input

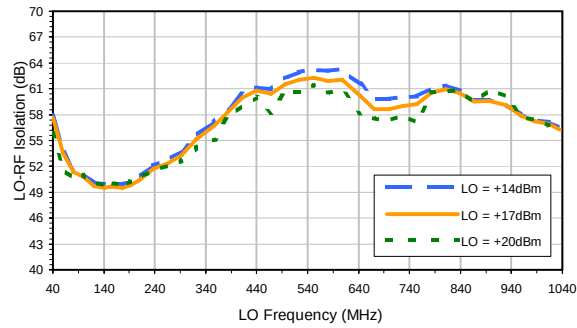


Compression @ RF IN = +20 dBm

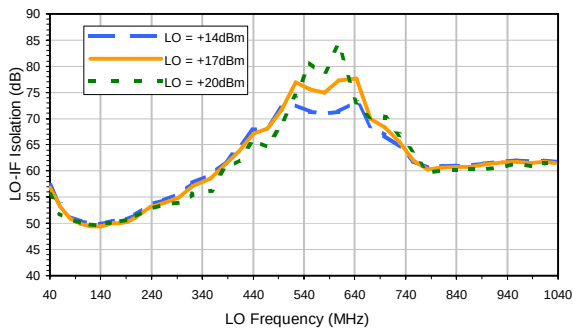


Typical Performance Curves

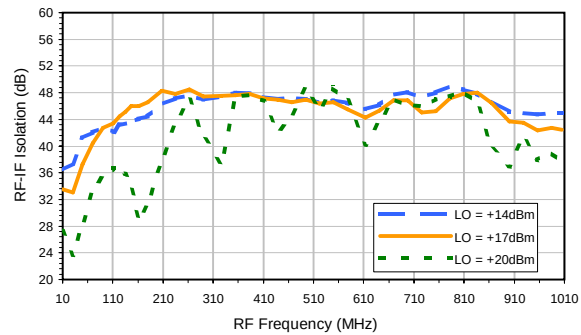
LO-RF Isolation



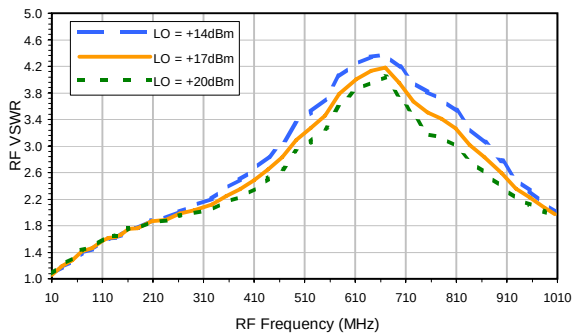
LO-IF Isolation



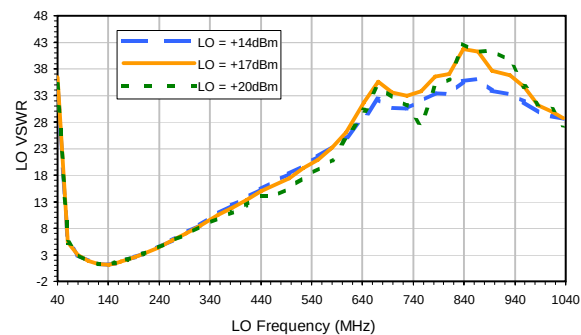
RF-IF Isolation



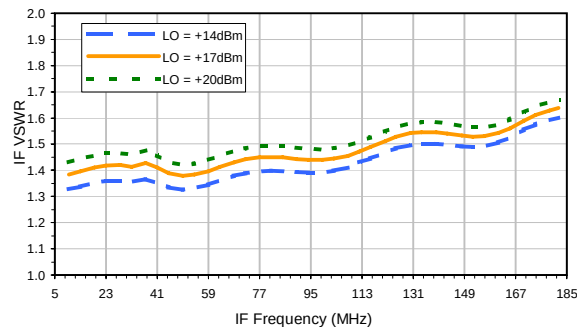
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	26.22	23.64	30.61	37.67	35.77	51.68	44.89	39.13	47.32	47.94
1	---	39.53	---	42.76	11.48	45.36	16.26	52.31	21.94	47.72	36.03	43.93
2	100.42	56.18	58.00	56.72	54.91	52.58	53.18	53.62	57.51	50.52	49.39	46.79
3	113.43	94.46	66.29	81.59	65.49	76.92	66.12	74.16	65.29	73.26	66.38	76.18
4	113.99	106.39	106.62	108.17	103.15	100.96	99.36	94.77	95.82	94.13	102.85	104.23
5	112.11	107.47	102.59	106.76	102.37	104.74	94.81	110.65	96.54	105.16	99.81	106.49
6	111.76	99.71	104.97	96.74	109.98	95.37	104.24	102.79	105.70	101.32	107.08	105.65
7	96.17	102.09	94.24	95.58	94.85	98.87	101.96	103.22	107.82	104.82	106.16	119.66
8	112.51	66.41	73.26	65.29	74.11	66.12	76.95	65.47	81.67	66.28	94.78	68.67
9	112.27	49.40	50.53	57.52	53.62	53.17	52.57	54.90	56.73	58.00	56.16	55.49
10	114.96	36.03	47.73	21.94	52.31	16.26	45.36	11.47	42.76	---	39.50	0.76
		0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 135.0 MHz; 0 dBm.
 LO IN: 165.0 MHz; +17.00 dBm
 IF OUT: 30.0 MHz; -5.85 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	30.14	36.99	53.50	35.53	41.19	37.91	40.70	38.46	36.48	39.31
1	---	40.36	---	42.21	11.85	49.29	18.17	50.11	27.39	44.10	32.77	48.88
2	79.14	45.35	42.32	43.26	41.98	44.10	44.25	38.13	49.25	39.48	41.07	38.51
3	84.04	72.45	53.68	62.28	50.99	58.76	51.13	58.39	49.59	53.43	49.77	58.79
4	114.44	74.99	74.77	74.46	81.46	78.97	78.92	80.45	75.38	68.70	68.32	67.22
5	113.01	75.96	73.16	79.37	68.83	91.39	74.34	97.76	73.20	79.08	69.34	78.06
6	113.00	69.37	79.08	73.16	97.44	74.36	91.64	68.81	79.29	73.25	75.77	72.37
7	114.52	68.32	68.64	75.37	80.36	78.96	78.97	81.34	74.55	74.72	75.02	73.02
8	114.41	49.77	53.42	49.58	58.38	51.11	58.75	51.00	62.28	53.69	72.43	57.33
9	114.06	41.07	39.48	49.25	38.12	44.25	44.10	41.98	43.26	42.32	45.34	50.54
10	112.58	32.76	44.09	27.38	50.10	18.17	49.31	11.85	42.21	---	40.35	---
		0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 135.0 MHz; +10 dBm.
 LO IN: 165.0 MHz; +17.00 dBm
 IF OUT: 30.0 MHz; +4.63 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