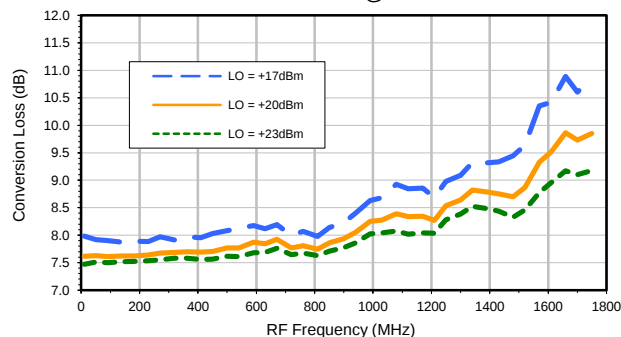
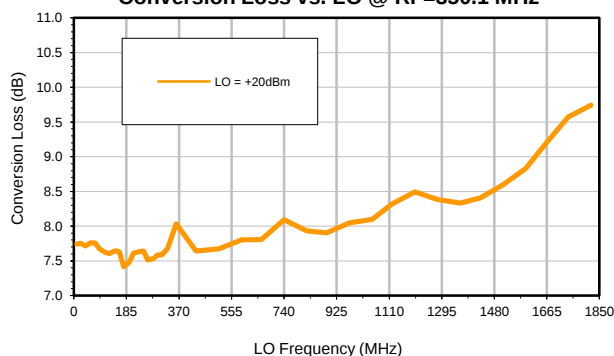


Typical Performance Curves

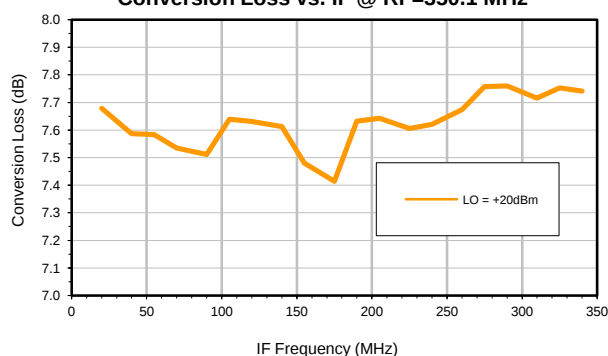
Conversion Loss @IF=109 MHz



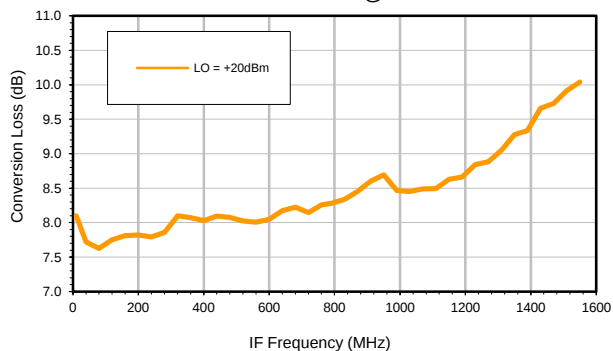
Conversion Loss vs. LO @ RF=350.1 MHz



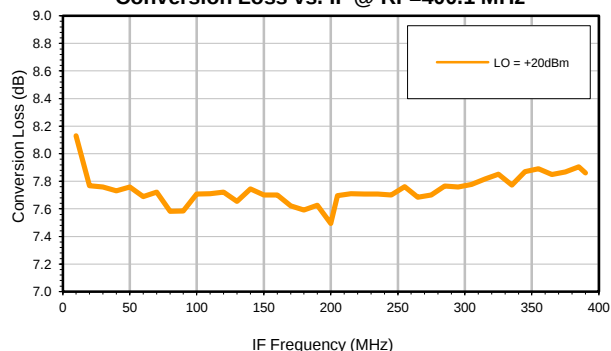
Conversion Loss vs. IF @ RF=350.1 MHz



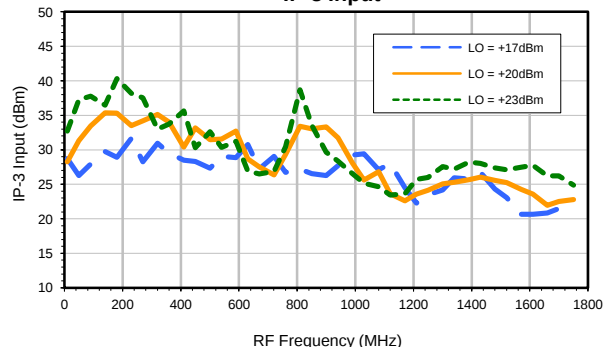
Conversion Loss vs. IF @ RF=300.1 MHz



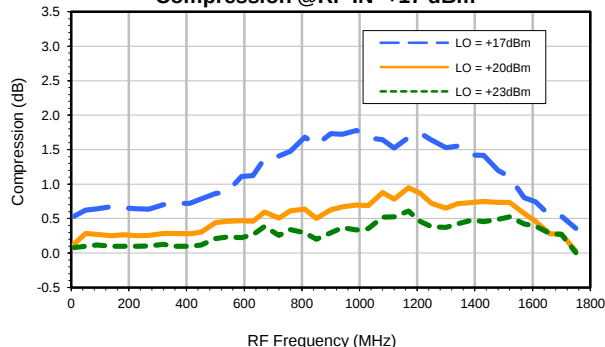
Conversion Loss vs. IF @ RF=400.1 MHz



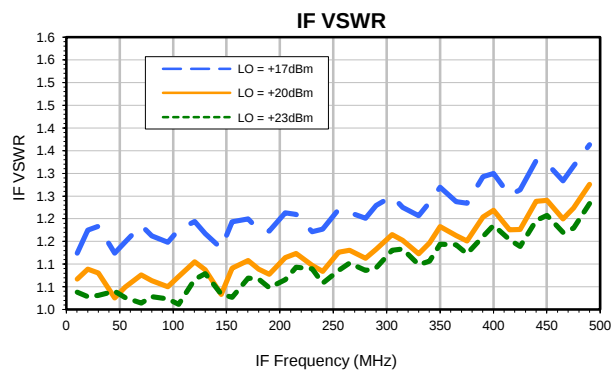
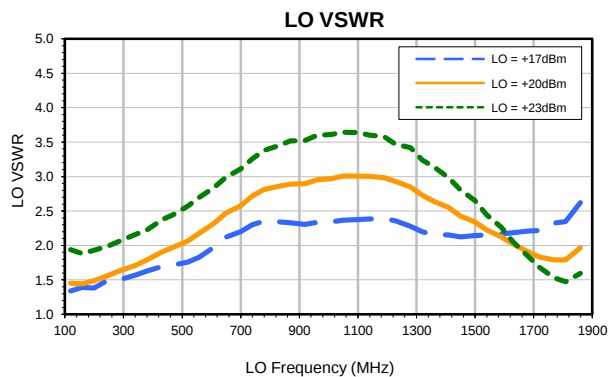
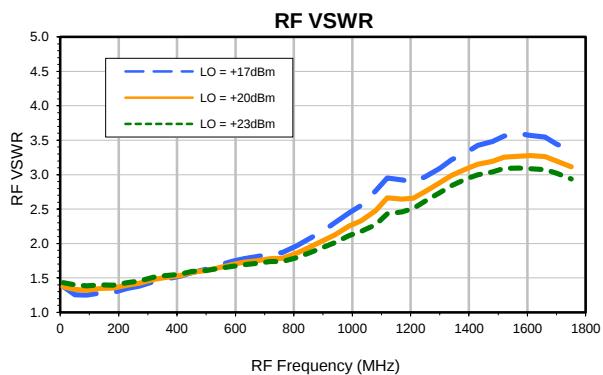
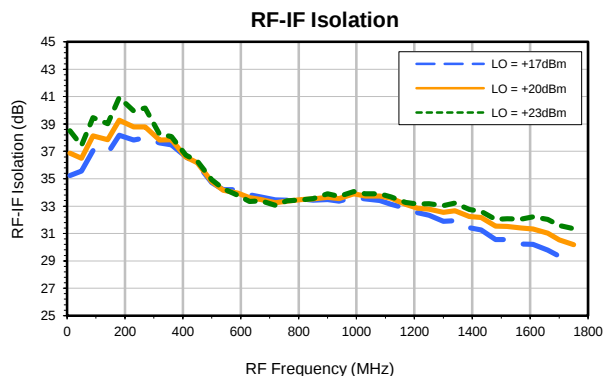
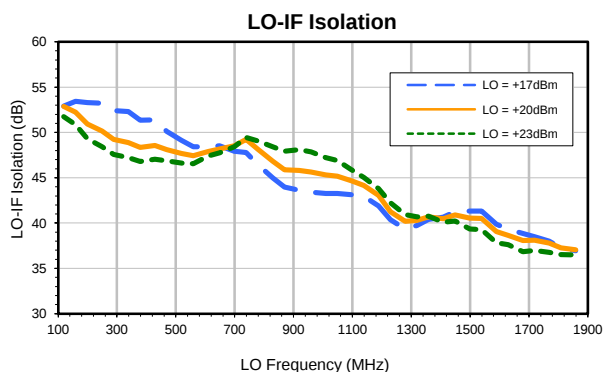
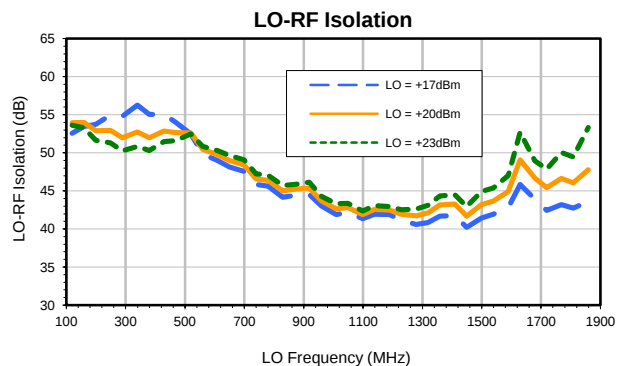
IP-3 Input



Compression @RF IN=+17 dBm



Typical Performance Curves



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	9.81	24.20	15.79	31.20	27.22	38.56	26.34	43.51	28.03	39.62
1	---	30.24	---	46.72	12.26	44.80	21.29	42.04	32.59	38.18	42.85	42.70
2	110.26	89.81	77.95	83.46	82.22	86.31	79.59	81.77	79.68	85.10	71.88	92.85
3	136.49	101.37	88.32	99.81	87.87	101.48	89.03	101.06	84.66	80.24	83.50	96.47
4	126.47	108.19	108.00	110.31	104.64	118.88	116.01	115.51	104.76	107.36	119.65	104.56
5	130.64	115.32	106.96	125.69	117.60	110.38	105.97	110.70	108.68	115.44	113.65	103.31
6	124.41	107.29	112.30	111.77	112.23	113.11	109.88	106.27	102.80	115.22	103.86	111.36
7	120.08	105.22	117.30	104.32	108.00	112.62	107.90	120.14	109.56	105.06	106.15	104.25
8	122.17	111.37	120.48	111.08	117.27	116.69	119.13	121.28	129.42	108.28	106.43	115.89
9	127.32	102.18	109.44	115.09	110.44	110.13	110.53	110.73	109.19	120.30	104.63	109.12
10	129.56	121.51	103.60	107.00	106.20	109.59	106.29	111.84	111.21	109.15	106.71	109.73
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 350 MHz; -10 dBm.
LO IN: 459 MHz; +20.00 dBm
IF OUT: 109 MHz; -17.62 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	19.72	34.21	25.76	40.98	37.33	49.12	36.93	53.61	38.72	50.41
1	---	30.17	---	46.09	12.25	44.94	21.17	42.16	32.47	38.44	44.08	43.01
2	104.15	76.12	68.41	76.10	70.17	77.61	69.20	74.23	71.64	79.03	63.10	106.40
3	109.93	86.91	69.70	83.52	68.87	83.87	71.15	84.34	68.14	81.46	65.96	77.34
4	113.54	94.91	94.37	102.49	99.36	99.96	95.61	96.02	93.01	97.28	95.76	98.40
5	110.81	100.42	95.23	97.68	103.80	105.54	92.85	112.84	86.40	110.12	85.83	97.74
6	115.17	109.58	105.19	113.41	116.07	110.80	102.65	106.34	106.65	106.29	99.86	95.30
7	113.01	106.43	109.62	105.79	107.73	117.76	105.24	109.56	105.06	105.32	103.98	97.72
8	110.12	105.13	101.26	112.90	104.51	115.72	122.22	108.63	113.83	103.62	106.70	108.44
9	116.86	107.85	104.89	102.74	104.31	107.04	104.07	104.96	104.57	104.84	108.98	104.14
10	112.60	99.12	106.74	100.85	103.38	101.31	119.25	110.82	109.38	100.31	116.10	103.11
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 350 MHz; 0 dBm.
LO IN: 459 MHz; +20.00 dBm
IF OUT: 109 MHz; -7.59 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