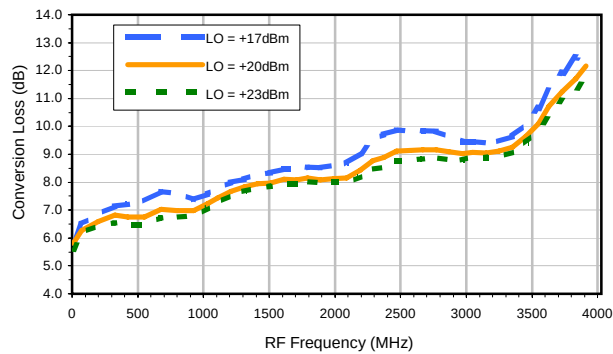
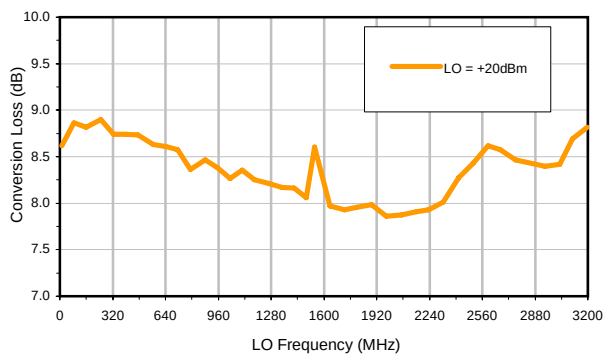


Typical Performance Curves

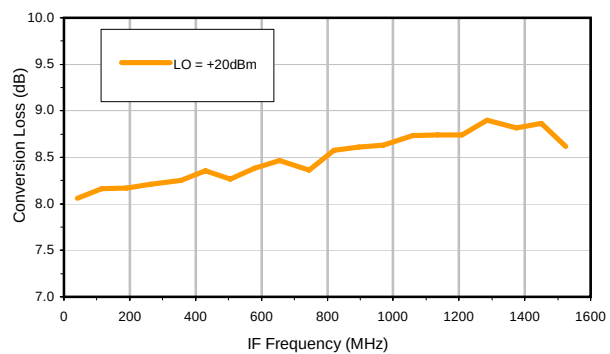
Conversion Loss @IF=30 MHz



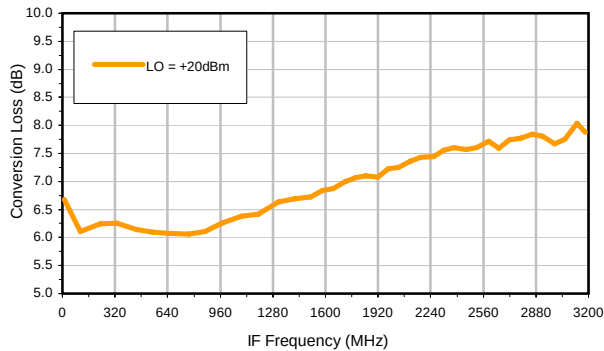
Conversion Loss vs. LO @ RF=1535 MHz



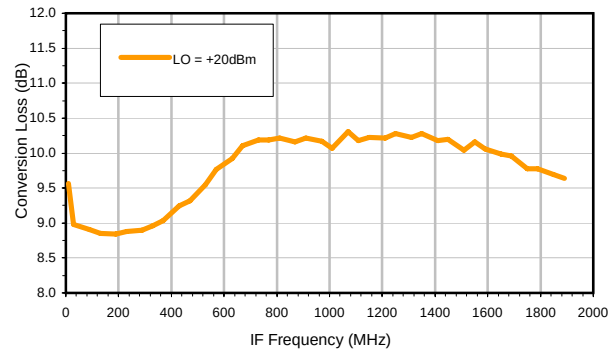
Conversion Loss vs. IF @ RF=1535 MHz



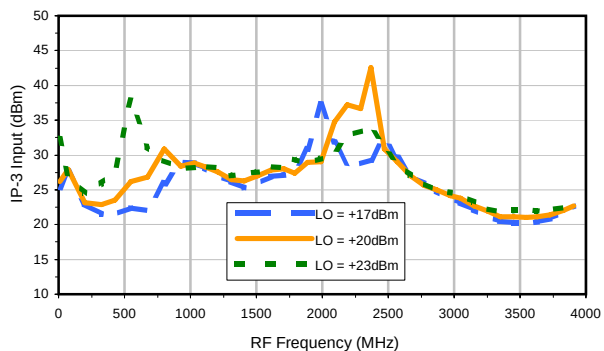
Conversion Loss vs. IF @ RF=20 MHz



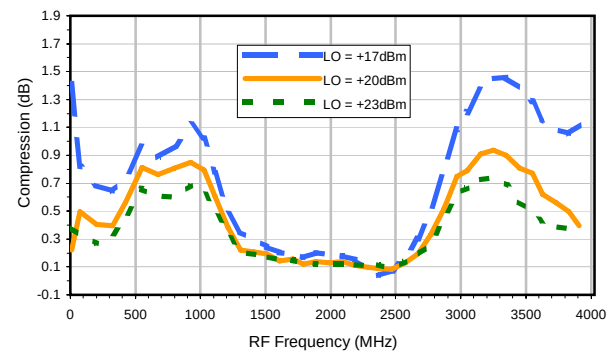
Conversion Loss vs. IF @ RF=3050 MHz



IP-3 Input

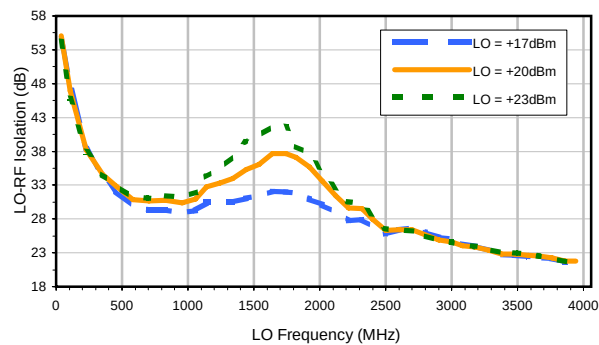


Compression @RF IN=+14 dBm

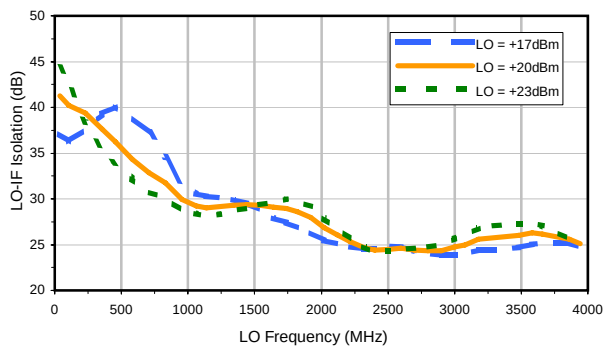


Typical Performance Curves

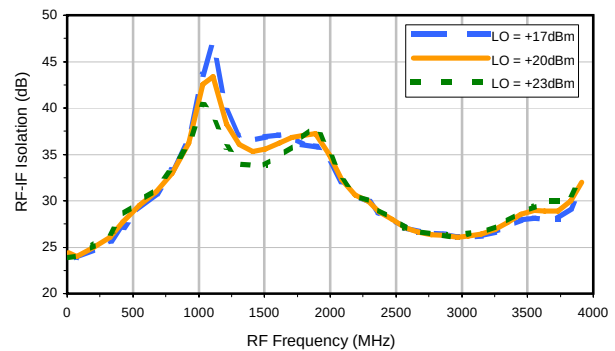
LO-RF Isolation



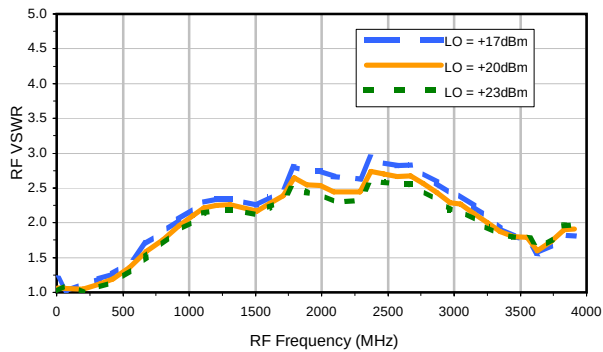
LO-IF Isolation



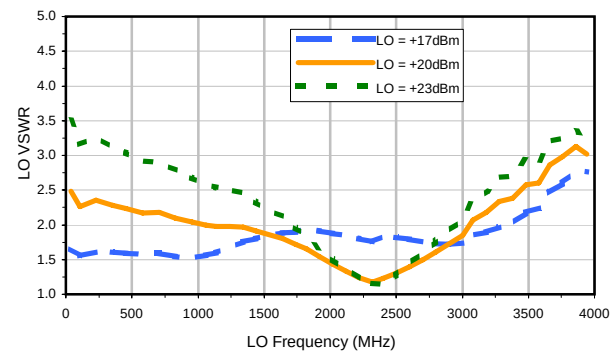
RF-IF Isolation



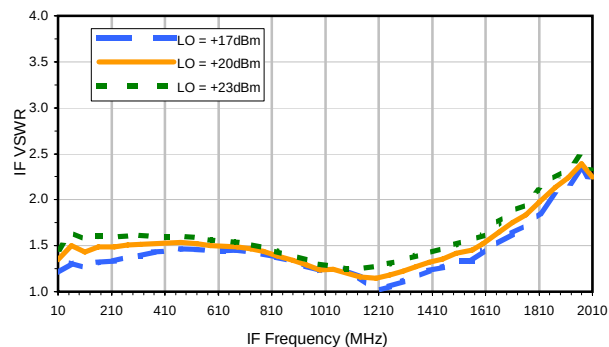
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	--	--	2.67	5.63	18.48	27.40	20.17	22.09	19.49	56.66	48.02	34.23
1	--	29.44	--	33.35	15.46	43.43	25.77	50.51	32.59	38.89	42.99	52.88
2	105.45	57.77	54.20	50.56	57.18	52.97	59.63	61.36	61.65	56.21	55.73	69.80
3	105.32	87.39	59.95	80.96	64.04	83.17	65.83	86.35	71.39	105.43	73.48	70.95
4	105.65	102.34	105.23	94.23	96.29	90.06	96.84	91.39	101.13	94.54	98.28	88.82
5	104.99	110.83	103.11	102.12	103.06	101.93	101.05	99.51	103.39	99.78	104.38	108.17
6	104.43	107.20	108.75	110.91	106.27	110.82	108.78	108.68	108.28	109.09	105.16	108.69
7	104.71	110.22	108.63	110.24	109.53	99.15	108.45	98.80	111.03	102.07	111.89	107.78
8	104.78	109.57	110.01	107.95	110.55	103.44	108.32	109.91	105.14	103.11	101.09	112.02
9	103.11	106.65	108.50	110.65	110.41	110.45	109.31	98.70	107.89	94.17	107.31	106.84
10	101.90	107.73	107.37	110.73	109.71	110.63	109.45	110.54	103.07	109.26	104.31	108.17
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 1535.00 MHz; 0.00 dBm.
 LO IN: 1565.00 MHz; +20.00 dBm
 IF OUT: 30.00 MHz; -7.73 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	--	--	12.78	15.79	29.00	36.93	31.03	34.28	31.62	67.34	70.31	46.40
1	--	28.86	--	32.74	15.21	43.66	26.37	51.73	33.06	42.96	45.93	59.04
2	95.50	51.47	43.74	42.27	46.53	44.84	48.27	56.84	53.13	49.20	48.66	63.81
3	95.37	72.03	39.03	58.39	44.12	62.05	46.65	66.85	53.69	74.54	58.40	54.80
4	95.70	72.43	72.36	65.88	71.72	63.01	72.99	62.79	73.83	66.95	71.05	62.09
5	95.04	93.84	74.04	74.72	63.83	75.45	62.42	75.14	64.84	77.57	68.05	89.79
6	94.48	86.74	96.61	93.36	101.07	84.23	86.93	78.66	83.81	77.72	89.20	79.56
7	94.76	101.89	98.02	112.29	95.83	95.93	84.51	92.68	79.42	88.77	79.91	90.11
8	94.83	115.60	106.13	105.45	110.10	111.13	102.85	104.24	107.79	104.65	96.28	98.00
9	93.16	116.66	109.52	119.62	109.84	116.33	119.32	97.80	106.57	102.66	100.58	105.17
10	91.95	112.92	117.26	115.21	114.83	113.15	113.97	121.22	106.69	111.36	107.93	117.25
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 1535.00 MHz; 10.00 dBm.
 LO IN: 1565.00 MHz; +20.00 dBm
 IF OUT: 30.00 MHz; 2.22 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

