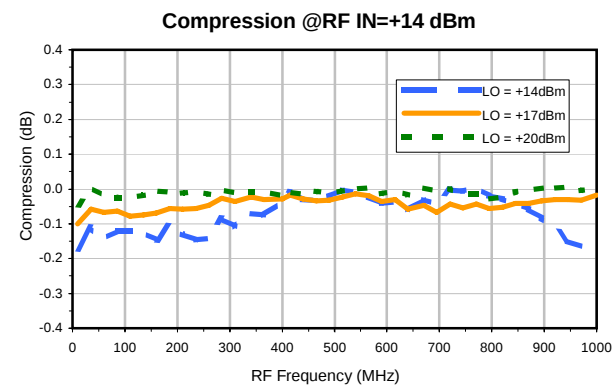
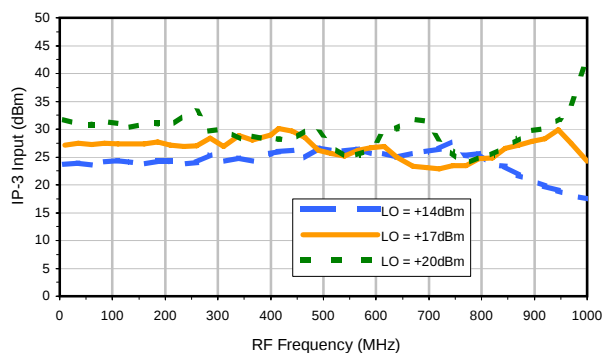
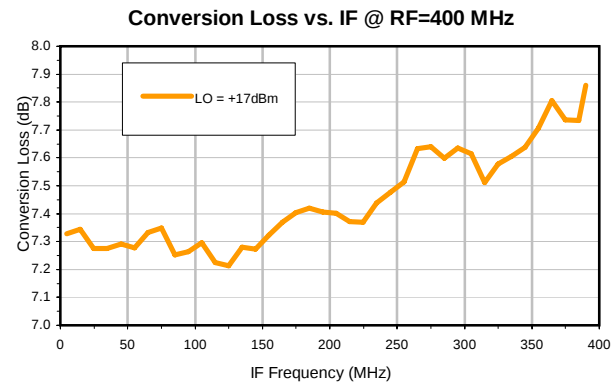
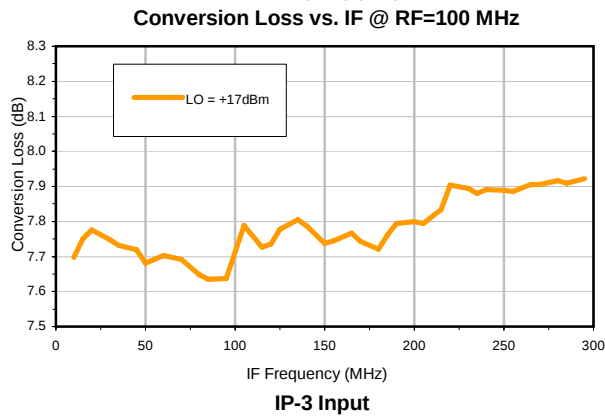
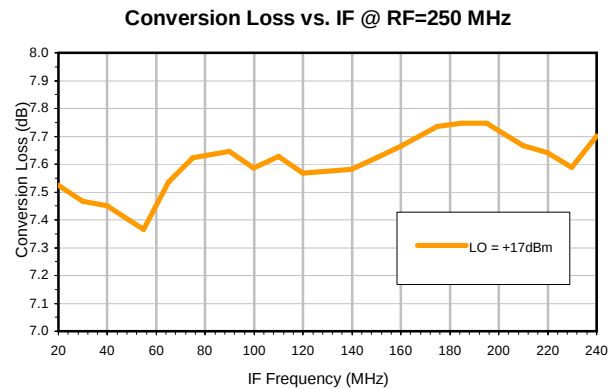
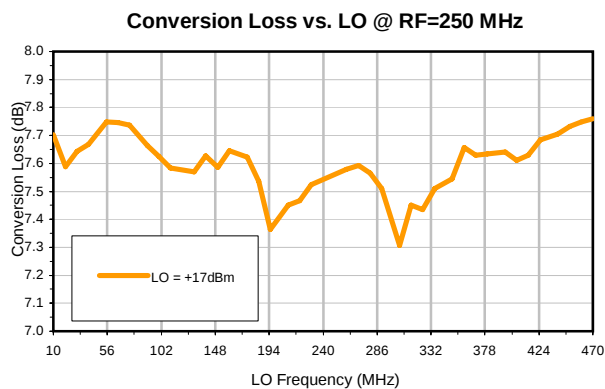
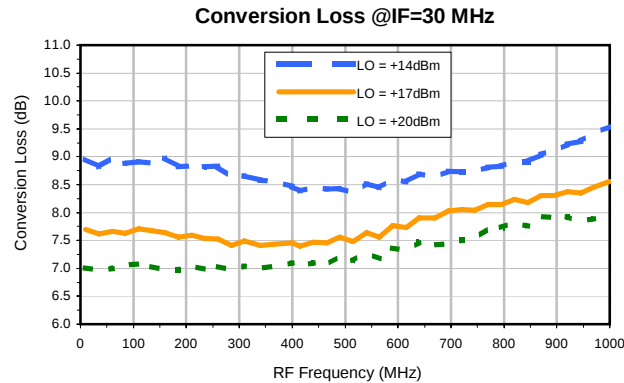
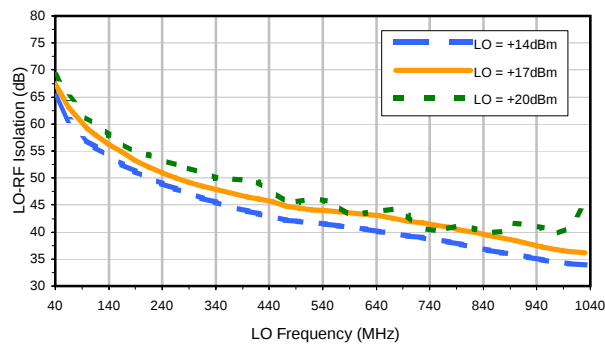


Typical Performance Curves

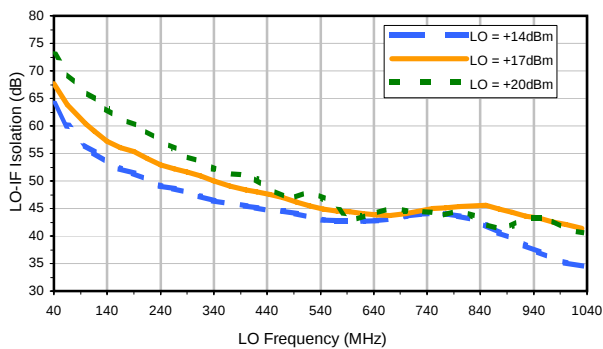


Typical Performance Curves

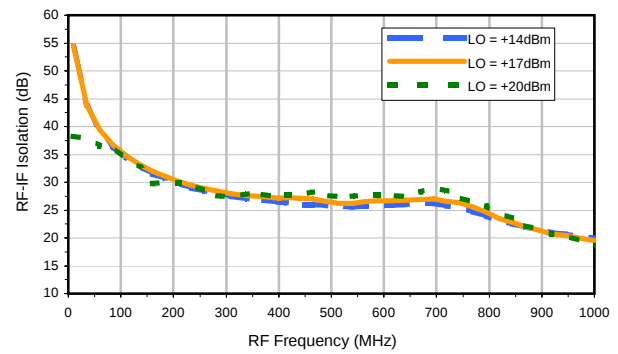
LO-RF Isolation



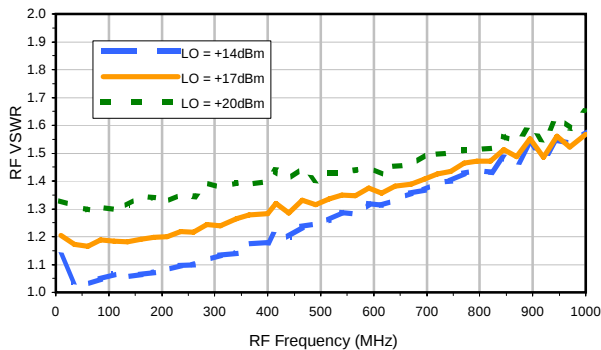
LO-IF Isolation



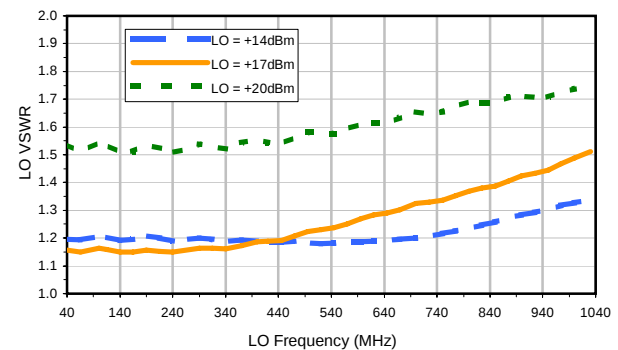
RF-IF Isolation



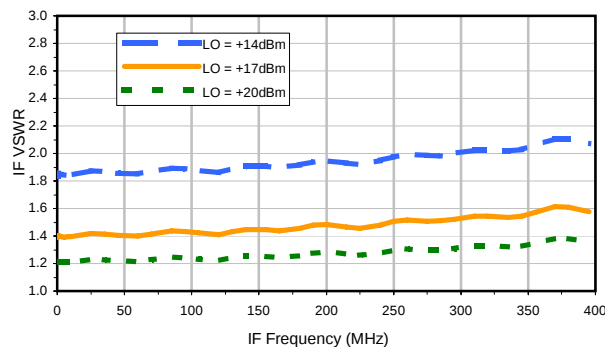
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	27.49	41.74	27.78	40.01	34.07	41.18	40.46	52.13	38.16	55.56
1	---	21.60	---	37.25	19.77	39.56	25.00	43.16	23.90	41.23	23.26	43.06
2	98.24	72.28	68.47	64.15	63.21	64.28	67.61	69.44	70.72	74.96	57.40	89.47
3	123.09	65.10	61.87	73.08	47.72	65.99	45.23	62.04	45.57	63.58	47.45	69.97
4	122.70	86.94	76.98	81.70	74.74	91.22	81.91	86.51	82.93	88.29	78.08	84.27
5	121.81	91.93	75.50	87.24	69.62	81.30	69.44	90.00	83.23	95.43	76.55	99.07
6	122.57	102.31	100.68	98.70	97.95	87.90	107.14	84.50	96.07	96.27	98.83	100.16
7	120.81	103.45	96.74	107.44	95.22	109.74	89.75	95.91	89.88	93.28	86.15	107.34
8	121.02	112.03	111.63	117.96	110.95	108.20	111.37	91.25	90.60	92.39	92.36	106.22
9	120.51	115.60	114.55	117.42	117.93	115.51	113.55	118.40	96.99	112.25	94.56	114.97
10	122.69	118.58	120.00	114.28	121.41	121.50	111.16	111.42	103.22	92.82	97.43	93.50
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 250 MHz; 0 dBm.
LO IN: 280 MHz; +17.00 dBm
IF OUT: 30 MHz; -7.60 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	37.73	50.95	40.07	51.63	54.89	61.45	52.59	58.97	52.54	73.68
1	---	21.87	---	40.95	17.71	53.15	34.93	59.57	38.13	63.06	43.99	60.07
2	87.96	68.53	74.29	65.18	62.91	70.54	57.10	68.29	59.19	64.57	61.78	76.71
3	105.58	48.25	47.90	51.50	46.24	63.24	36.08	53.64	35.51	57.34	37.83	57.04
4	106.97	74.06	73.94	70.38	74.22	76.93	76.34	80.41	83.82	77.60	77.34	72.48
5	105.25	73.84	56.89	68.53	49.21	68.64	46.91	61.06	46.74	58.05	45.67	58.69
6	105.35	97.55	102.15	93.37	89.41	89.93	86.34	83.28	81.54	86.44	79.18	104.68
7	107.46	74.38	65.58	78.56	67.17	74.44	64.01	73.78	70.02	73.47	65.66	68.79
8	103.10	86.65	85.05	89.77	84.50	94.96	81.52	89.37	84.75	87.02	83.57	88.96
9	104.37	78.69	69.91	79.25	66.65	93.04	67.58	90.08	72.65	92.85	77.24	77.75
10	105.25	108.70	90.96	110.16	88.92	101.47	87.31	112.00	87.30	88.56	86.94	94.03
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 250 MHz; 10 dBm.
LO IN: 280 MHz; +17.00 dBm
IF OUT: 30 MHz; 2.39 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.

