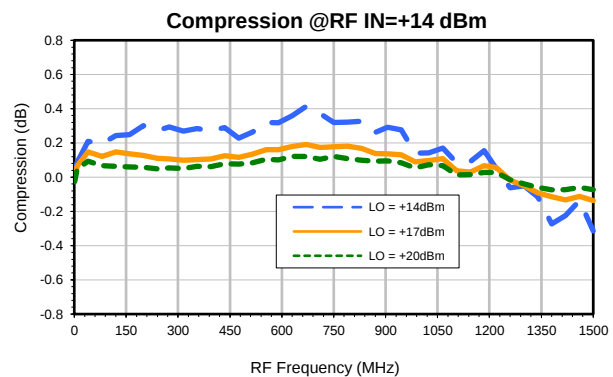
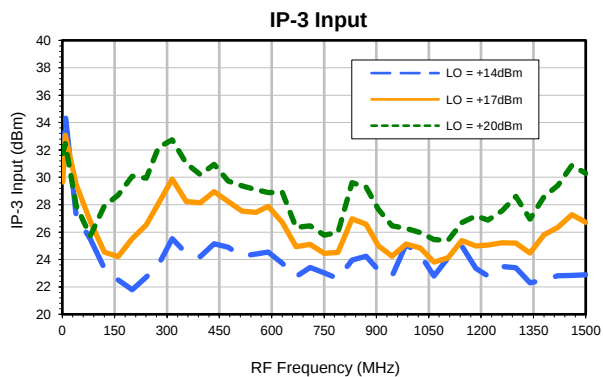
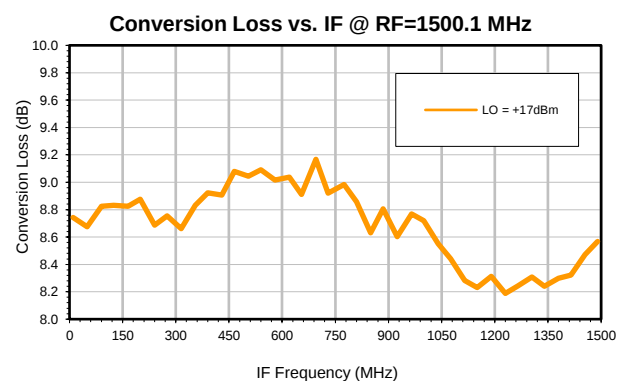
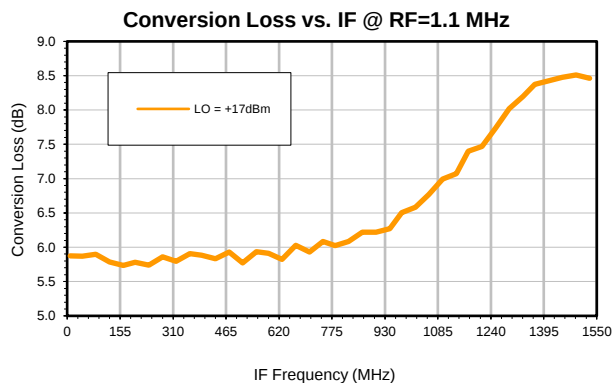
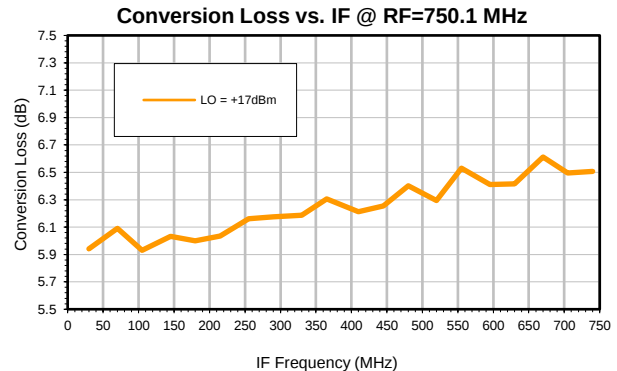
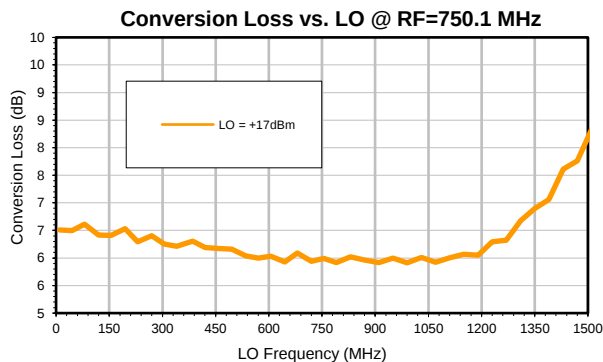
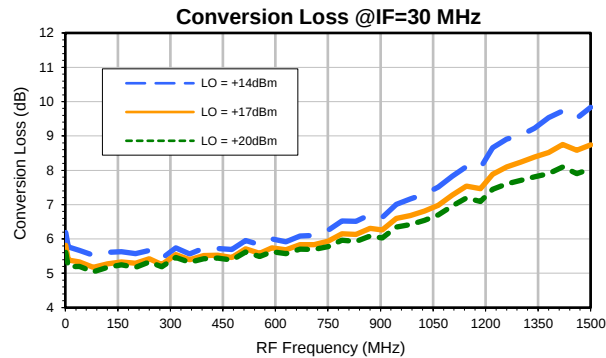
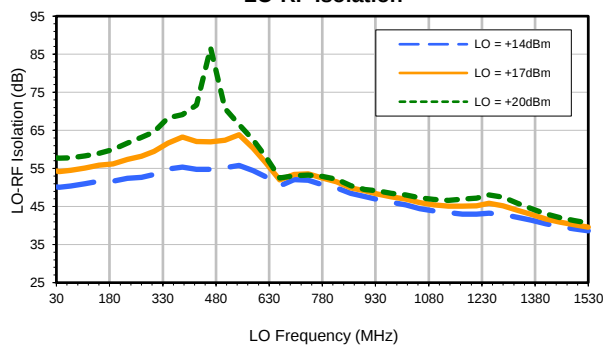


Typical Performance Curves

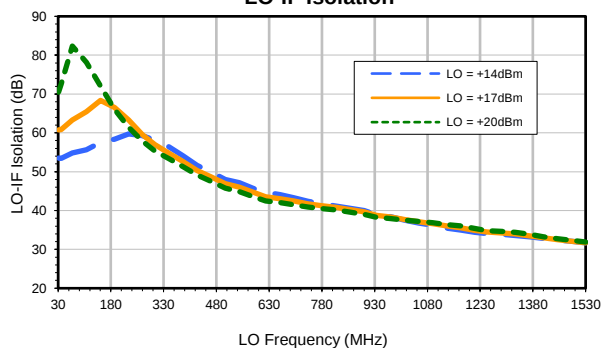


Typical Performance Curves

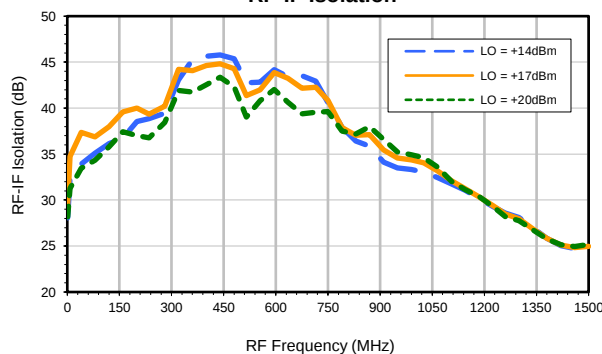
LO-RF Isolation



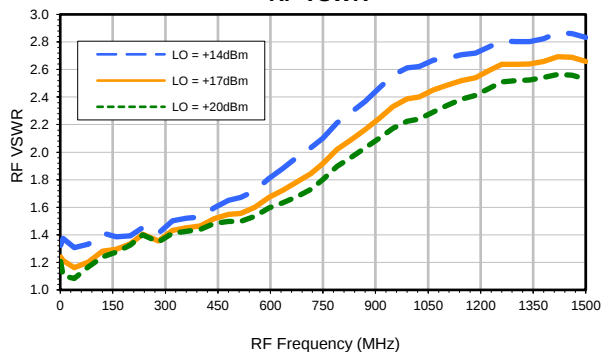
LO-IF Isolation



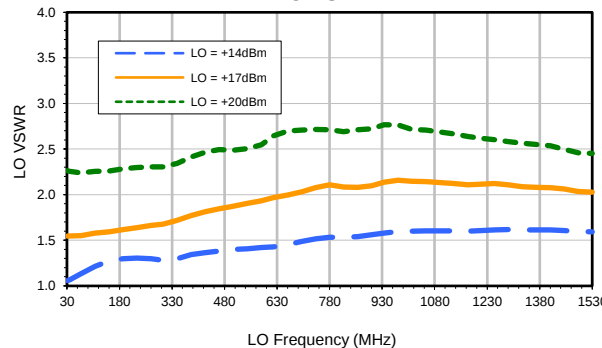
RF-IF Isolation



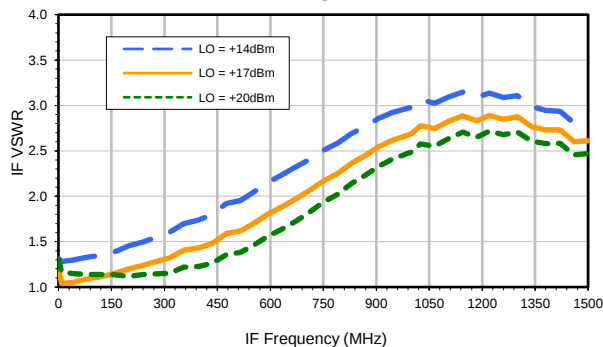
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	--	---	15.29	37.14	12.20	39.75	18.69	47.37	36.95	48.32	47.33	62.94
1	--	33.99	---	41.93	11.82	42.88	20.98	55.06	35.67	49.44	46.94	57.06
2	101.83	67.34	47.69	63.98	47.67	69.71	44.73	81.46	47.55	72.11	66.43	78.93
3	98.27	74.73	59.33	78.84	59.06	77.28	56.58	77.21	61.66	82.21	67.82	78.64
4	95.01	93.12	83.23	95.02	80.04	95.61	80.34	97.84	81.40	97.51	88.03	101.19
5	95.00	106.13	84.84	99.69	81.42	101.76	76.97	101.52	81.20	96.39	85.91	102.79
6	95.65	107.28	108.79	114.25	100.21	111.61	104.21	109.33	95.94	107.44	97.89	106.64
7	94.70	107.73	102.77	110.26	108.18	107.48	102.22	109.68	111.86	115.14	102.17	109.09
8	94.05	111.55	106.95	104.14	100.49	104.62	103.40	108.76	108.08	94.36	104.70	112.70
9	98.48	107.09	105.69	117.78	105.48	104.35	113.23	108.50	106.90	107.82	111.29	111.32
10	97.97	102.93	100.74	107.74	107.85	106.00	107.90	104.75	107.27	105.57	109.25	100.99
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 750.1 MHz; 0 dBm.
 LO IN: 780.1 MHz; +17 dBm
 IF OUT: 30 MHz; -7.11 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	--	---	29.76	48.78	25.76	53.92	31.83	63.00	52.79	63.57	67.60	80.31
1	--	33.97	---	45.23	13.03	47.68	24.18	72.67	41.94	59.45	56.87	69.34
2	87.29	65.22	38.33	59.28	38.49	68.57	38.59	63.48	44.08	68.78	61.93	70.89
3	86.63	52.99	36.09	59.74	34.94	59.61	35.30	63.67	41.65	75.34	53.97	63.67
4	87.70	83.57	63.24	79.46	55.03	73.30	54.55	71.60	49.92	92.36	53.87	80.00
5	85.78	79.20	70.57	75.55	55.99	75.30	49.73	74.18	48.50	73.09	55.20	82.62
6	86.68	87.23	81.15	83.64	87.54	80.07	65.41	79.48	62.30	76.62	61.34	89.43
7	85.30	95.89	78.38	95.97	70.17	81.16	63.19	82.36	61.57	82.03	57.73	80.64
8	86.35	103.30	96.05	95.50	84.49	87.35	75.83	82.72	69.16	80.27	65.26	80.04
9	85.31	103.88	97.71	106.54	89.64	99.85	78.39	90.31	69.64	93.55	68.34	88.81
10	87.22	102.99	105.69	102.95	109.12	106.46	93.67	91.68	81.70	85.47	76.02	85.30
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 750 .1 MHz; 10 dBm.
 LO IN: 780.1 MHz; +17 dBm
 IF OUT: 30 MHz; 2.75 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