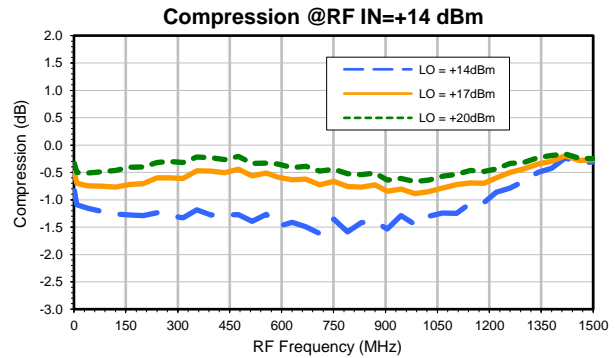
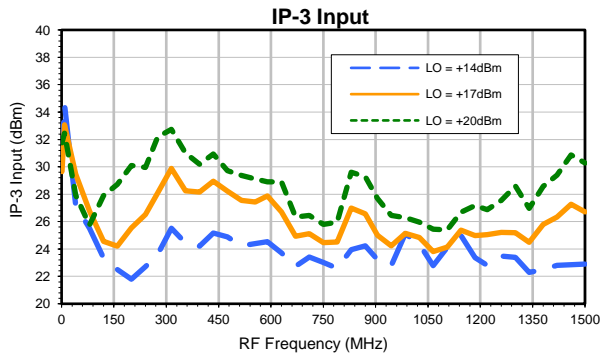
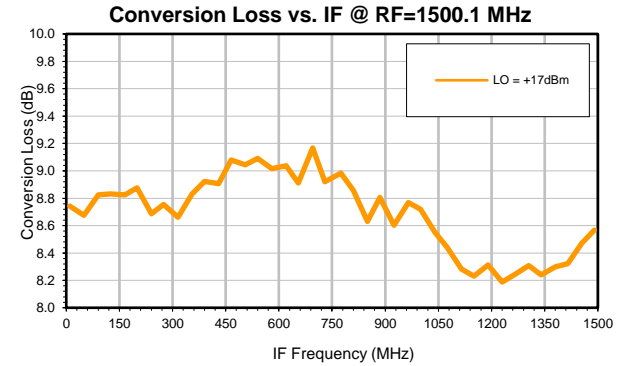
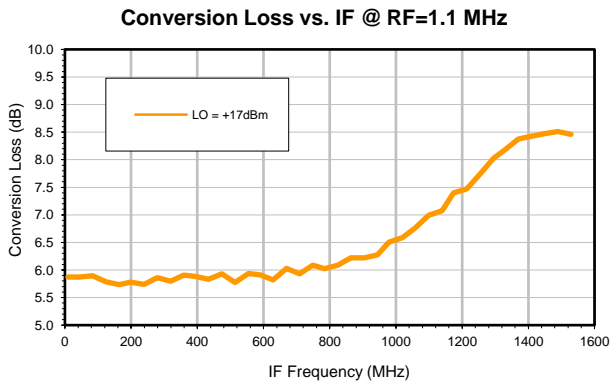
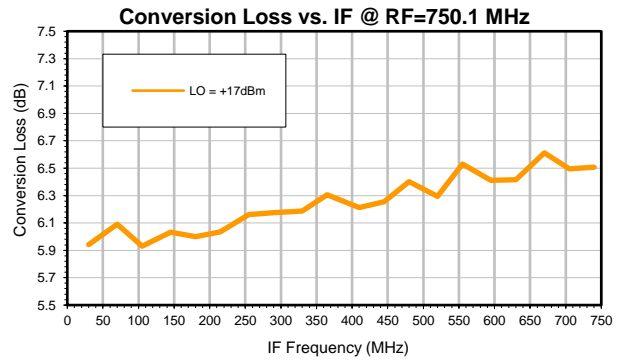
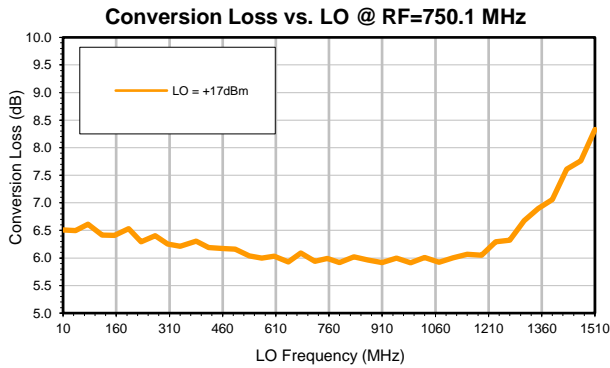
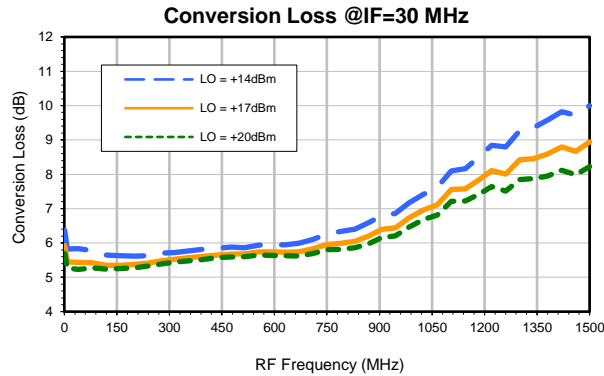
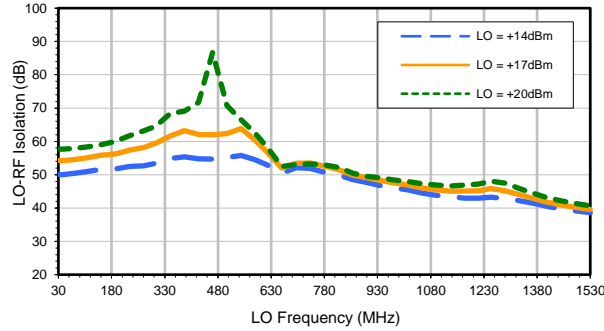


Typical Performance Curves

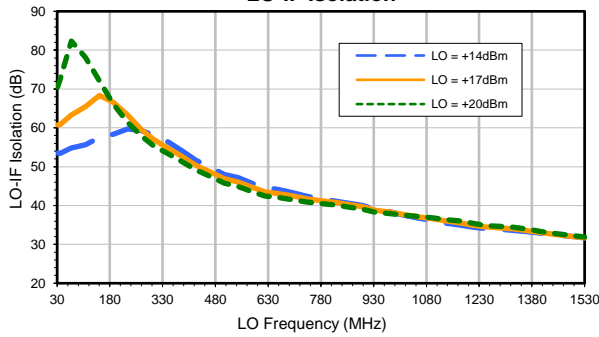


Typical Performance Curves

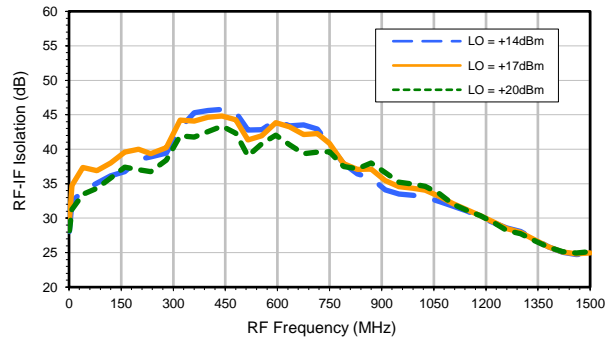
LO-RF Isolation



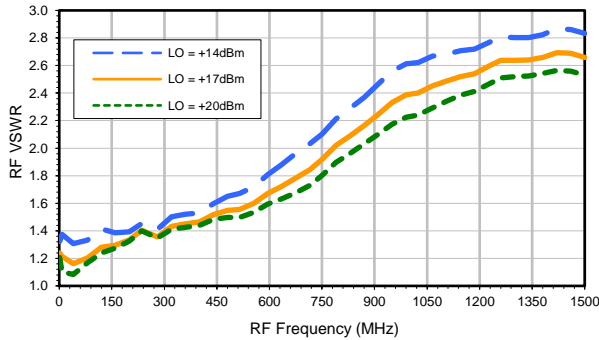
LO-IF Isolation



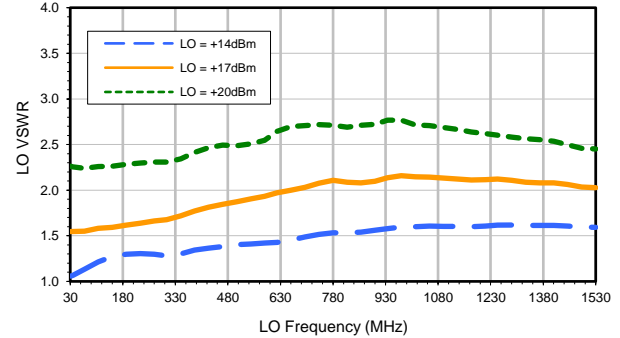
RF-IF Isolation



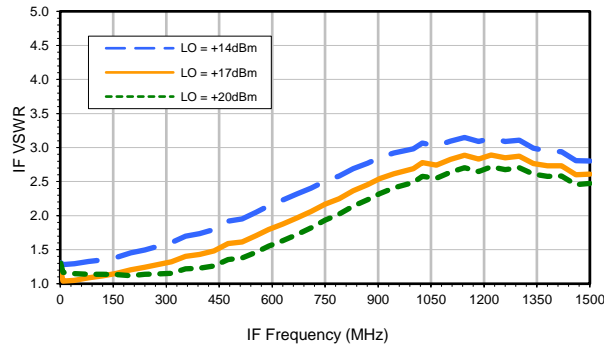
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	--	--	27.10	29.38	32.65	40.06	36.29	53.33	40.28	53.32	45.73	65.19
1	--	50.39	--	43.22	11.13	38.07	29.64	37.91	25.46	42.31	36.21	45.91
2	97.53	69.65	62.45	68.25	64.69	70.29	60.81	75.72	66.39	73.86	65.02	74.96
3	97.26	78.10	68.26	80.26	55.63	87.61	63.25	74.67	56.69	67.83	53.26	71.32
4	94.97	97.74	90.08	92.24	92.35	92.21	89.99	95.73	92.25	101.54	88.47	93.64
5	94.78	98.96	84.76	101.94	83.90	99.11	77.41	103.71	82.07	97.67	81.24	94.75
6	93.57	102.54	111.73	106.77	107.48	108.23	105.92	101.63	102.45	101.29	100.97	104.24
7	90.57	104.99	113.21	102.76	110.98	107.80	104.73	102.35	102.65	111.60	103.01	103.19
8	95.10	110.54	104.94	102.14	103.99	111.75	111.16	110.38	116.30	95.78	103.99	108.77
9	97.28	108.87	109.28	105.05	109.38	104.19	101.74	104.46	109.31	105.67	105.82	104.04
10	94.54	112.37	106.22	103.38	99.32	111.57	109.25	109.26	108.02	111.22	104.77	99.76
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 450.1 MHz; 0 dBm.
 LO IN: 480.1 MHz; +17 dBm
 IF OUT: 30 MHz; -6.01 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	--	--	34.39	38.92	41.71	50.06	48.18	65.54	57.49	72.06	65.67	78.31
1	--	48.62	--	41.04	10.83	40.06	30.99	42.10	31.26	49.75	48.01	58.22
2	86.86	61.12	53.32	70.41	57.09	67.42	52.94	69.03	60.83	73.95	63.06	76.50
3	90.58	56.95	40.98	66.27	37.34	75.78	39.85	59.55	46.01	51.99	40.60	56.67
4	86.28	83.12	79.99	83.74	78.32	85.61	73.06	78.33	67.98	83.93	81.22	84.22
5	85.01	79.42	54.90	83.32	57.39	84.65	70.84	86.05	55.41	75.26	54.04	67.32
6	82.04	88.47	89.05	86.07	91.62	85.86	94.44	81.73	91.60	85.21	80.97	87.07
7	89.37	81.12	66.80	85.55	66.89	99.25	67.78	100.65	62.41	90.94	65.74	85.47
8	85.33	105.11	97.90	96.97	96.29	103.60	90.24	91.81	92.45	101.45	87.35	96.79
9	90.84	100.17	83.14	94.84	81.41	96.50	90.55	91.17	77.27	98.83	80.54	101.14
10	95.64	103.15	97.90	100.88	99.98	103.04	96.15	104.86	95.11	98.81	95.71	95.77
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 450.1 MHz; 10 dBm.
 LO IN: 480.1 MHz; +17 dBm
 IF OUT: 30 MHz; 3.87 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