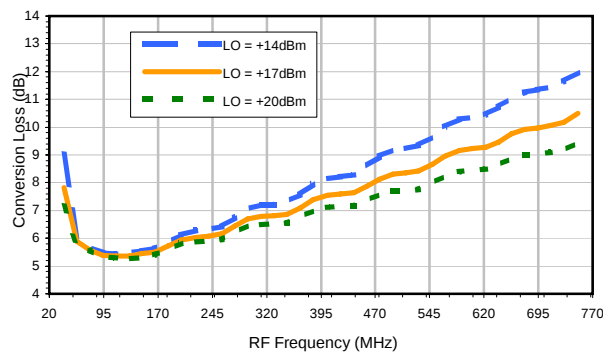
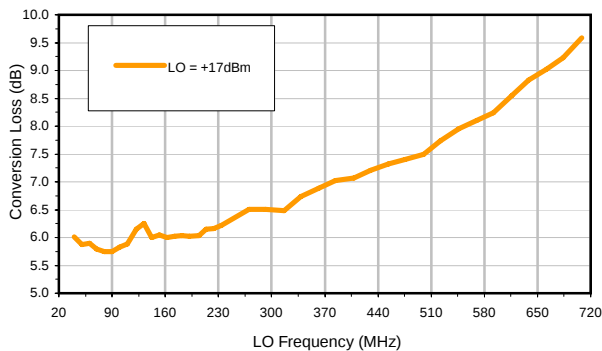


Typical Performance Curves

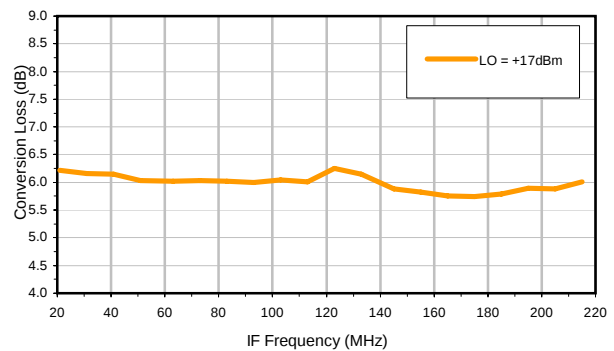
Conversion Loss @IF=30 MHz



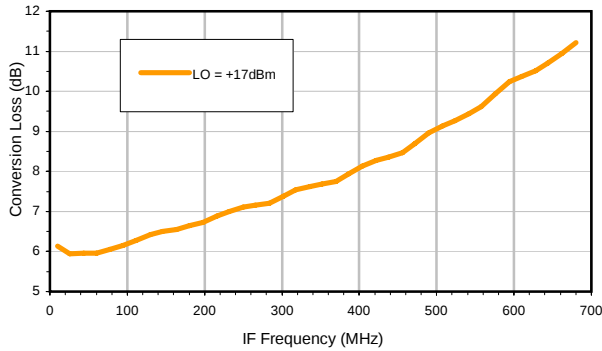
Conversion Loss vs. LO @ RF=255.1 MHz



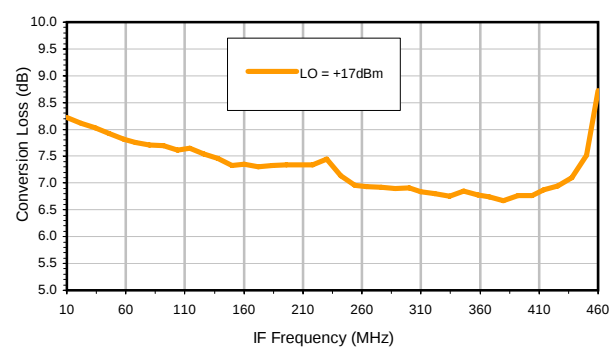
Conversion Loss vs. IF @ RF=255.1 MHz



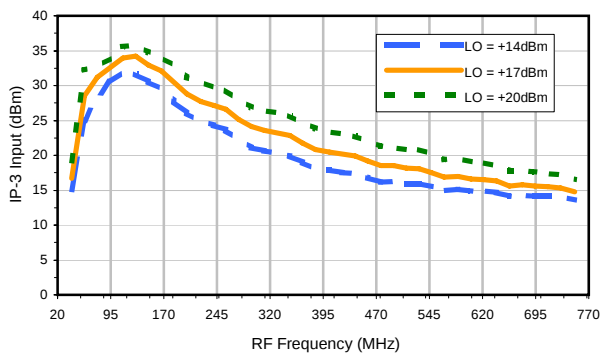
Conversion Loss vs. IF @ RF=40.1 MHz



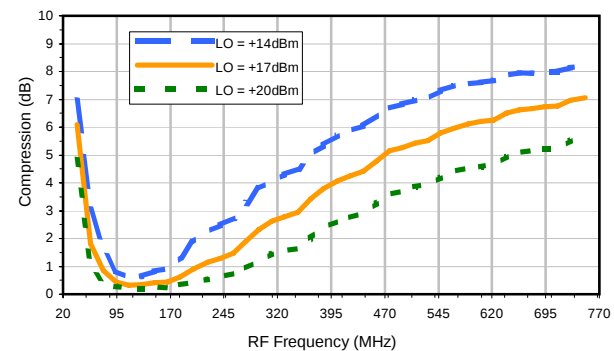
Conversion Loss vs. IF @ RF=470.1 MHz



IP3 Input

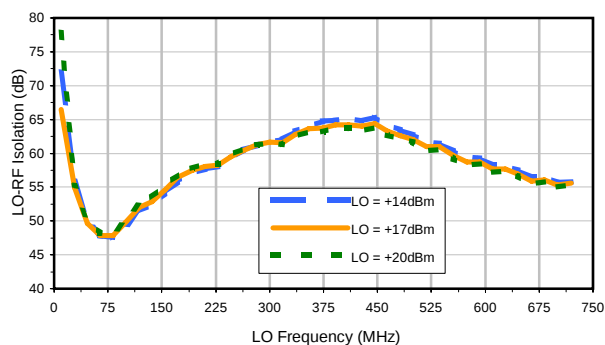


Compression @ RF IN=+20 dBm

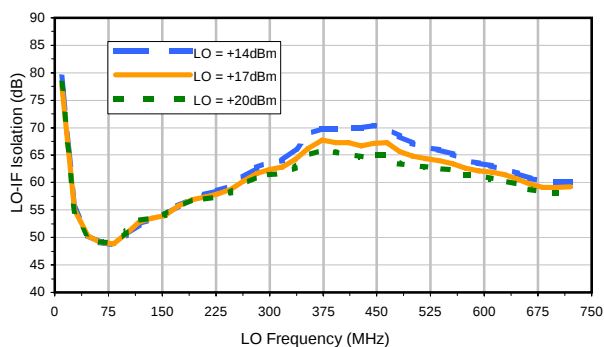


Typical Performance Curves

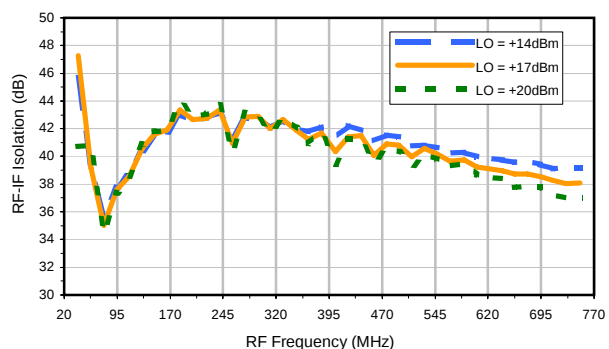
LO-RF Isolation



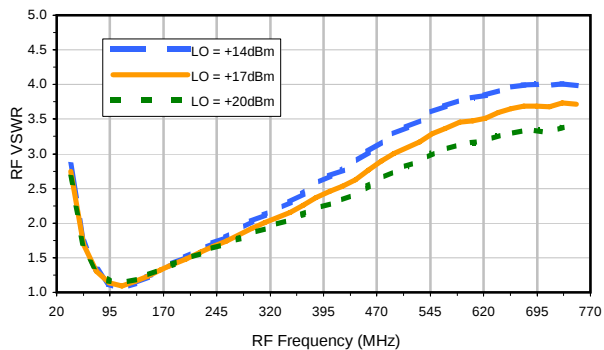
LO-IF Isolation



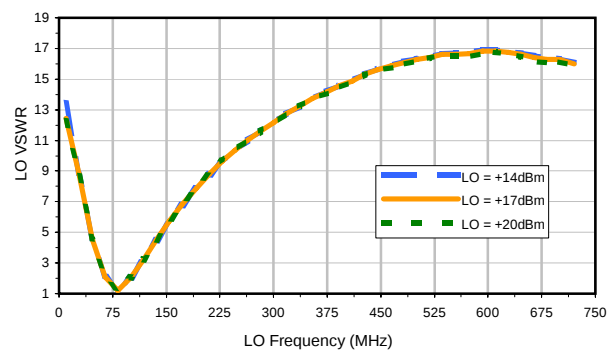
RF-IF Isolation



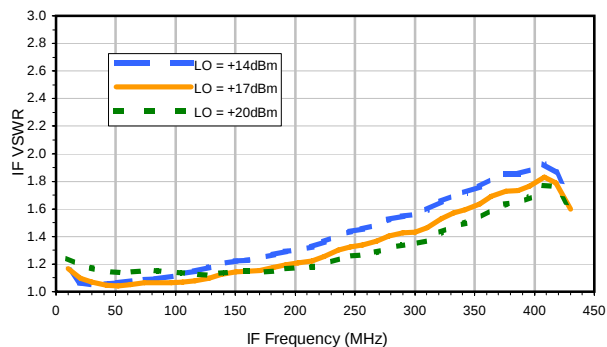
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	20.22	14.69	17.21	24.93	23.90	33.66	29.06	32.40	30.51	39.71
1	---	34.84	---	38.63	10.78	43.97	16.89	43.90	20.99	42.50	24.07	41.97
2	111.40	57.76	61.88	61.11	63.01	62.12	56.61	57.00	56.38	59.31	54.48	55.56
3	124.14	95.92	80.47	103.03	77.13	71.95	80.73	86.64	77.71	84.40	78.42	83.37
4	120.51	102.27	99.08	104.79	97.92	101.20	106.09	96.46	103.31	99.67	102.80	98.26
5	124.53	103.11	101.10	108.94	102.43	102.41	83.97	103.56	103.37	105.12	104.78	103.65
6	117.05	99.62	103.00	100.11	102.36	100.97	102.85	102.12	108.29	83.75	101.28	99.13
7	117.19	100.96	106.47	108.58	103.61	107.45	97.18	103.45	97.36	100.81	101.09	104.11
8	119.61	101.61	99.93	103.51	102.39	105.27	102.80	104.92	103.97	94.61	106.61	105.39
9	119.88	101.13	104.75	100.45	104.53	101.63	104.39	106.08	100.89	103.42	104.17	100.11
10	118.78	100.35	104.77	99.42	103.70	105.49	102.07	105.88	100.83	101.11	103.49	102.37
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 120.1 MHz; -5 dBm.
 LO IN: 90.1 MHz; +17.00 dBm
 IF OUT: 30 MHz; -10.22 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	---	---	31.81	25.06	27.69	36.13	34.88	42.48	42.34	40.81	43.17	43.70
1	---	34.41	---	38.71	10.80	44.15	17.08	44.07	21.36	42.22	24.67	41.94
2	94.77	48.24	52.00	51.67	54.01	51.08	46.87	47.13	46.75	49.22	44.72	45.83
3	117.43	76.62	63.15	83.45	59.74	85.46	63.44	67.40	60.29	65.08	60.54	64.63
4	120.70	91.78	88.59	90.24	87.05	92.48	84.03	83.64	88.15	84.05	80.69	81.74
5	117.32	98.35	86.46	97.74	84.31	96.40	93.03	97.57	83.89	112.64	86.27	92.95
6	119.28	99.36	102.68	97.84	108.06	95.65	103.82	98.65	100.76	88.58	102.44	108.20
7	118.47	105.72	108.22	109.16	110.29	108.29	108.58	107.70	99.74	108.75	103.48	110.20
8	118.99	114.23	116.51	113.07	111.14	117.52	106.78	112.29	114.52	103.67	114.26	110.83
9	114.59	112.16	112.59	108.52	113.89	110.75	113.14	117.42	115.64	116.99	107.13	111.75
10	118.97	118.25	110.25	114.71	114.05	114.01	117.34	110.86	114.45	112.90	111.82	109.29
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 120.1 MHz; +5 dBm.
 LO IN: 90.1 MHz; +17.00 dBm
 IF OUT: 30 MHz; -0.32 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.