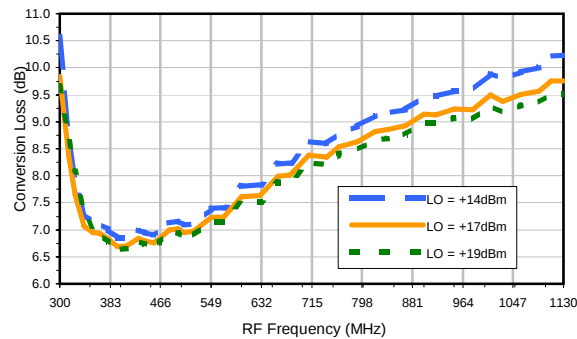
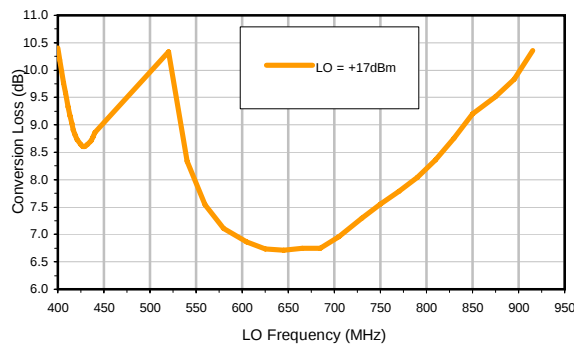


Typical Performance Curves

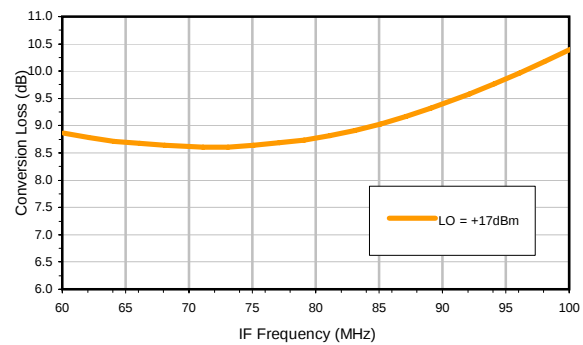
Conversion Loss @IF=110.1 MHz



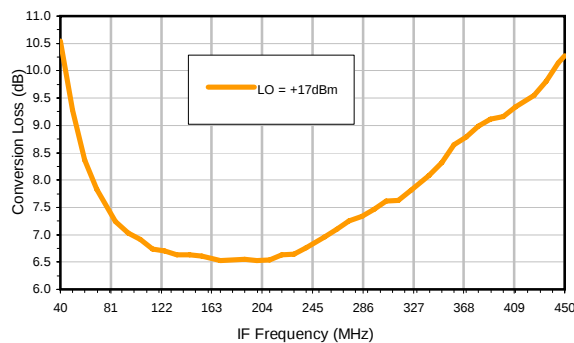
Conversion Loss vs. LO @ RF=500.1 MHz



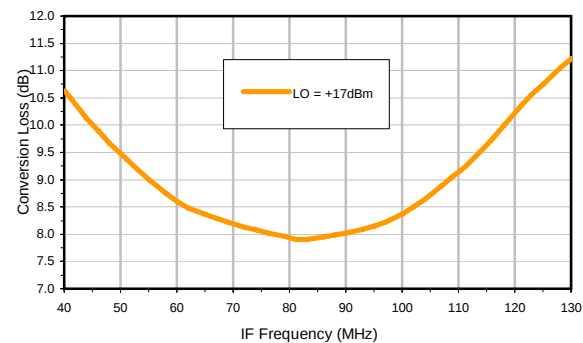
Conversion Loss vs. IF @ RF=500.1 MHz



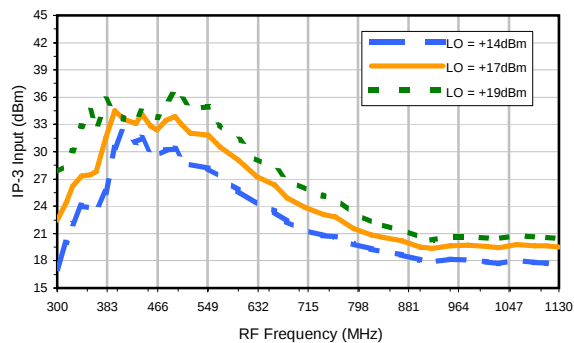
Conversion Loss vs. IF @ RF=430.1 MHz



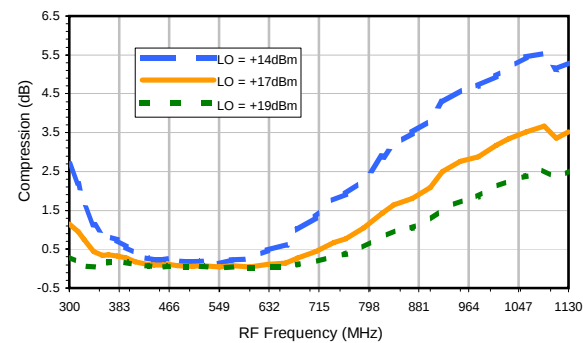
Conversion Loss vs. IF @ RF=520.1 MHz



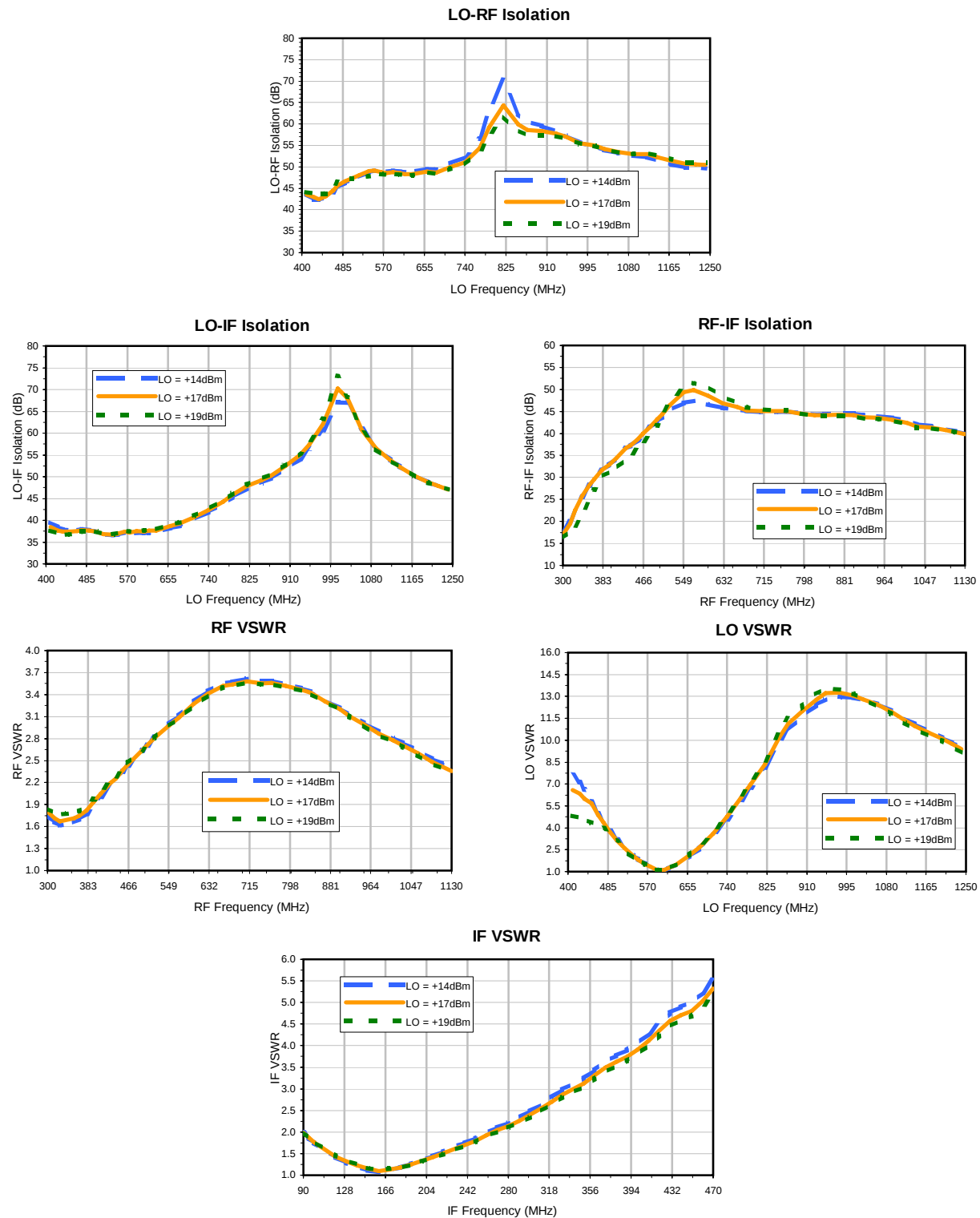
IP-3 Input



Compression @RF IN=+20 dBm



Typical Performance Curves



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	--	--	16.83	56.25	45.67	49.98	35.02	44.87	40.15	53.91	53.79	69.24
1	--	32.78	--	48.45	52.41	61.66	31.64	42.75	29.89	41.35	58.49	63.33
2	97.54	79.69	50.65	57.93	67.61	97.20	76.53	71.91	62.44	65.83	65.80	75.85
3	110.98	102.21	71.30	70.57	64.40	79.63	85.82	86.45	71.36	74.44	63.52	83.79
4	110.06	108.79	120.58	96.40	93.59	92.08	107.38	113.37	105.01	101.23	92.40	95.47
5	110.35	117.42	119.65	119.47	107.03	98.98	105.68	116.63	119.91	110.80	109.35	107.03
6	110.76	109.96	112.71	120.52	119.11	105.15	100.64	107.71	121.64	120.80	114.05	108.08
7	110.60	117.28	112.58	120.53	118.92	120.76	104.37	101.87	106.04	120.20	118.50	120.32
8	110.65	113.41	106.87	119.90	118.24	120.71	116.48	107.59	105.33	117.38	121.49	119.05
9	109.87	119.60	116.86	120.79	118.14	119.86	122.37	120.02	109.85	114.20	118.90	118.90
10	110.94	120.80	114.41	119.26	118.17	119.84	122.16	121.54	119.34	116.55	109.56	122.00
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 480 MHz; 0.00 dBm.
LO IN: 585 MHz; +17.00 dBm
IF OUT: 105 MHz; -7.22 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	--	--	18.92	47.94	52.04	58.20	40.76	50.10	44.89	59.34	56.39	64.27
1	--	29.08	--	50.61	52.89	43.44	33.51	42.06	35.36	43.62	67.35	51.57
2	73.95	72.11	46.08	50.05	61.89	84.08	71.29	63.70	56.44	59.31	59.69	73.69
3	84.39	95.58	62.02	67.03	55.88	70.28	76.85	90.64	61.59	68.91	55.26	81.21
4	114.73	101.67	100.89	85.57	75.70	76.59	90.82	99.94	86.68	83.49	77.10	79.76
5	115.78	100.21	95.44	117.50	78.64	83.98	75.87	101.66	93.81	101.27	84.93	82.48
6	113.23	110.54	108.18	122.50	116.90	108.59	102.43	99.02	121.31	112.29	112.35	98.97
7	113.23	103.66	109.51	113.54	117.07	118.24	97.88	96.83	104.70	122.69	119.48	109.52
8	113.33	124.20	121.12	121.48	122.60	123.17	123.11	115.33	105.58	119.49	121.64	121.06
9	113.43	114.38	110.09	119.13	120.93	115.61	123.80	119.47	108.67	115.71	119.74	122.54
10	115.01	121.19	113.73	120.26	115.52	122.95	122.84	124.49	110.94	116.31	108.79	121.93
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 480 MHz; 10.00 dBm.
LO IN: 585 MHz; +17.00 dBm
IF OUT: 105 MHz; 2.86 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