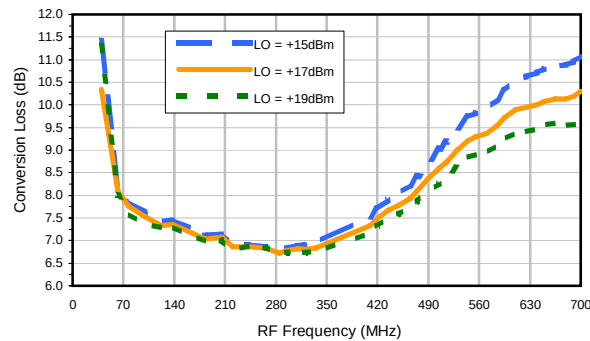
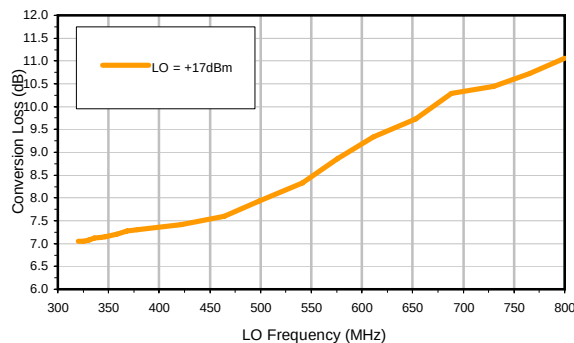


Typical Performance Curves

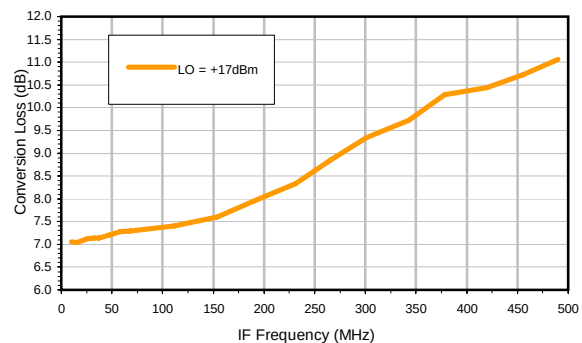
Conversion Loss @IF=30 MHz



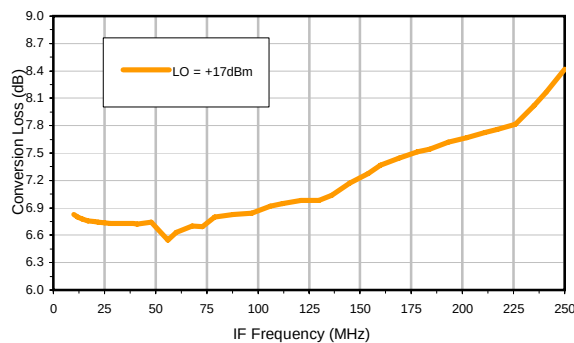
Conversion Loss vs. LO @ RF=310 MHz



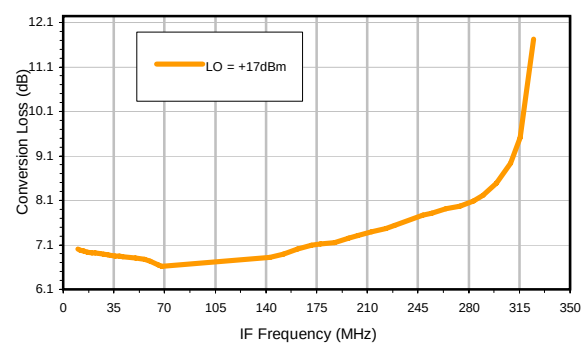
Conversion Loss vs. IF @ RF=310 MHz



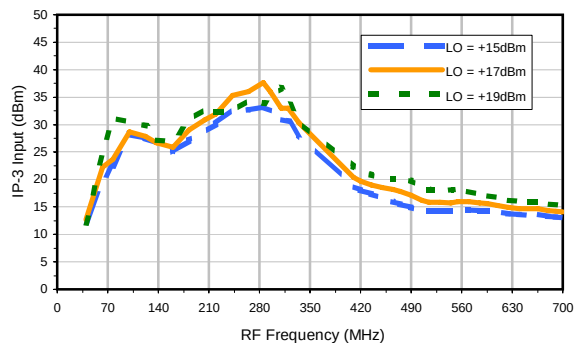
Conversion Loss vs. IF @ RF=285 MHz



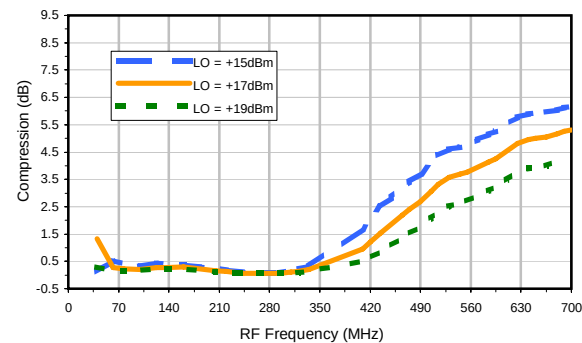
Conversion Loss vs. IF @ RF=335 MHz



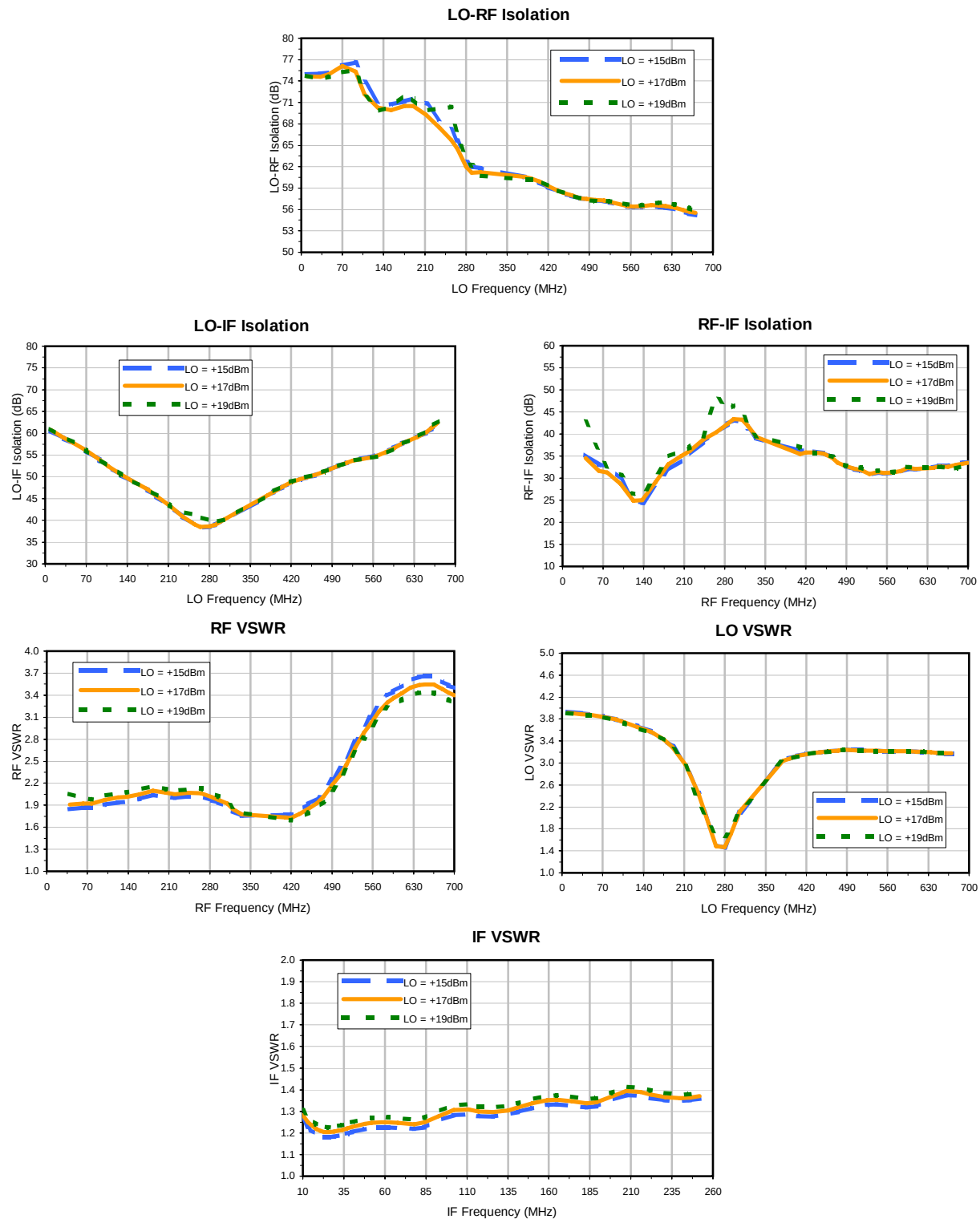
IP-3 Input



Compression @RF IN=+14 dBm



Typical Performance Curves



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	--	--	16.65	38.53	39.40	42.52	36.27	43.08	59.60	68.22	62.74	62.78
1	--	33.84	--	29.04	11.01	39.91	19.62	33.16	45.57	47.68	53.39	52.31
2	104.82	72.44	64.76	70.14	73.46	63.58	70.75	67.09	77.52	77.34	91.75	95.76
3	106.18	86.04	69.89	83.25	72.49	83.58	63.81	81.85	67.30	80.28	75.62	89.97
4	121.66	110.00	108.07	112.36	115.29	108.69	102.59	105.82	101.34	111.14	103.77	108.04
5	119.87	120.16	102.54	115.43	93.48	115.01	98.68	107.42	95.95	102.48	99.56	106.75
6	120.75	121.65	117.75	119.34	109.13	114.90	106.50	114.54	110.79	113.74	104.66	118.98
7	116.37	120.89	120.17	121.81	110.54	120.39	101.45	113.93	102.47	104.74	103.47	109.98
8	118.25	120.82	119.40	121.41	122.47	122.50	119.28	121.80	110.28	113.84	112.03	113.06
9	119.31	118.64	119.75	120.46	119.43	120.59	120.09	120.05	115.85	113.75	109.89	110.30
10	119.85	119.46	121.40	119.84	119.60	120.09	120.41	120.78	118.81	119.56	111.92	111.76
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 310 MHz; 0.00 dBm.
 LO IN: 280 MHz; +17.00 dBm
 IF OUT: 30 MHz; -6.62 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	--	--	27.14	54.32	48.69	56.77	46.34	52.17	75.97	77.05	72.78	76.46
1	--	33.93	--	29.30	11.31	40.55	20.22	33.47	52.07	48.19	54.88	54.81
2	84.18	60.33	52.83	57.31	60.99	53.39	64.37	58.14	63.44	72.45	81.00	87.24
3	75.66	63.13	51.21	63.47	51.67	64.04	43.45	66.92	47.15	58.89	57.93	69.29
4	119.42	78.83	78.81	81.60	78.12	74.52	76.22	76.33	78.74	76.19	79.51	80.54
5	117.97	109.20	76.16	87.35	69.88	81.37	72.03	76.62	80.17	76.83	80.31	77.40
6	120.81	115.91	103.47	112.80	93.76	97.41	92.42	95.02	89.60	92.64	91.25	92.91
7	117.98	119.17	105.34	108.41	93.42	103.99	88.53	102.04	86.65	104.40	93.52	97.36
8	119.28	122.19	121.98	122.10	118.37	104.46	111.72	104.37	112.06	102.54	108.94	99.68
9	118.71	122.45	121.84	122.57	118.59	115.45	108.34	105.49	114.57	103.32	107.51	105.98
10	121.61	122.54	122.72	122.33	122.45	123.85	122.75	114.26	115.97	112.90	109.45	114.31
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 310 MHz; 10.00 dBm.
 LO IN: 280 MHz; +17.00 dBm
 IF OUT: 30 MHz; 3.52 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