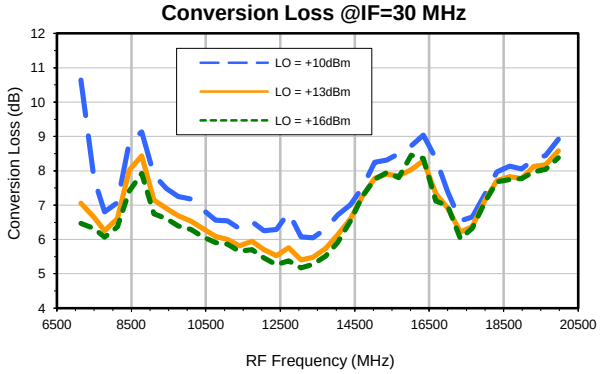
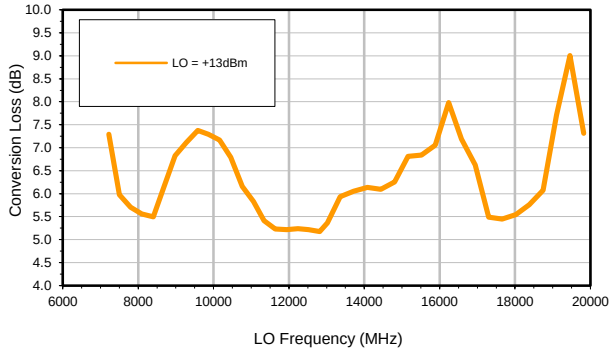
Typical Performance Curves

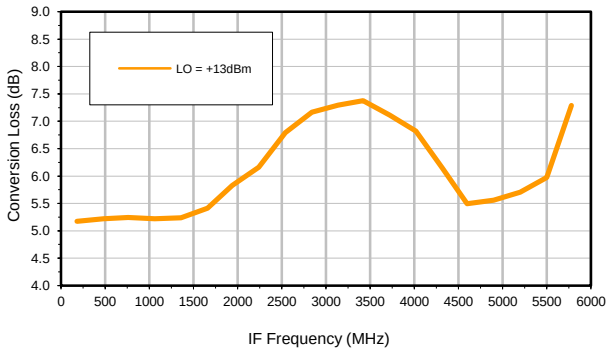
Conversion Loss @IF=30 MHz



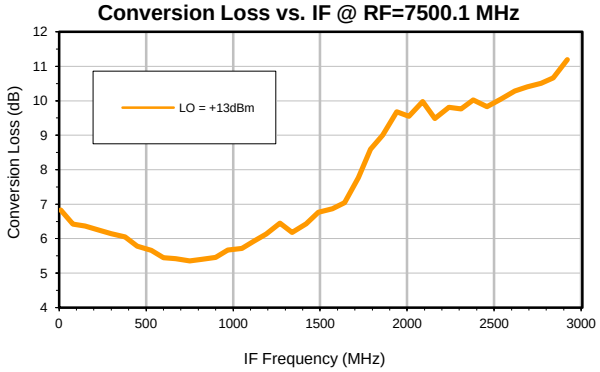
Conversion Loss vs. LO @ RF=13000.1 MHz



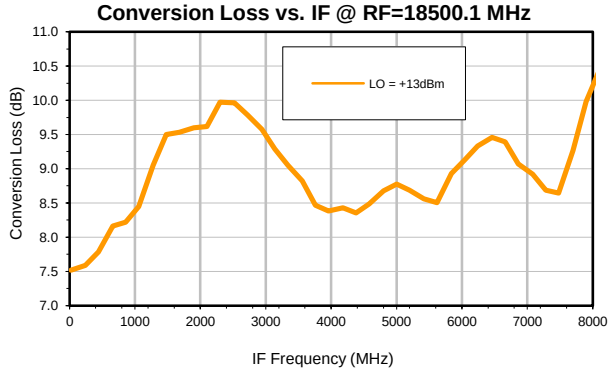
Conversion Loss vs. IF @ RF=13000.1 MHz



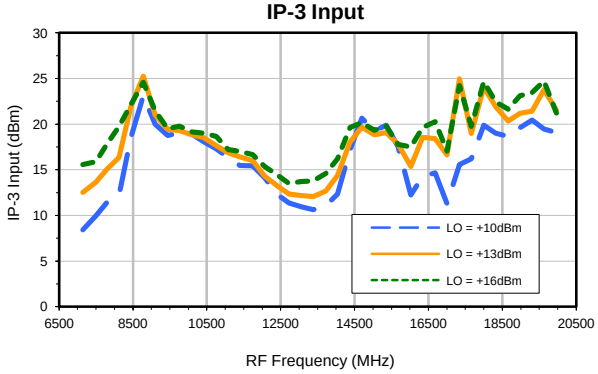
Conversion Loss vs. IF @ RF=7500.1 MHz



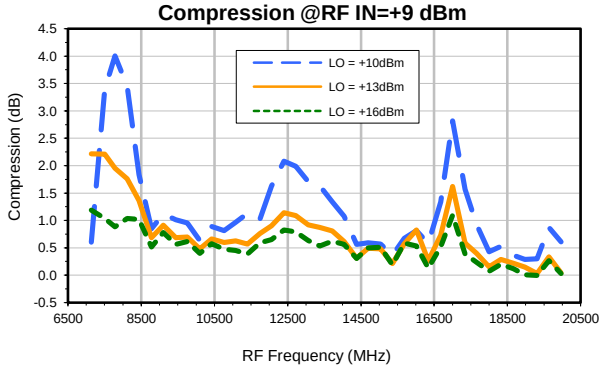
Conversion Loss vs. IF @ RF=18500.1 MHz



IP-3 Input

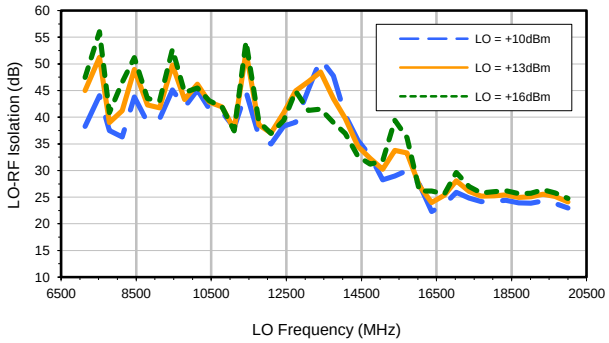


Compression @RF IN=+9 dBm

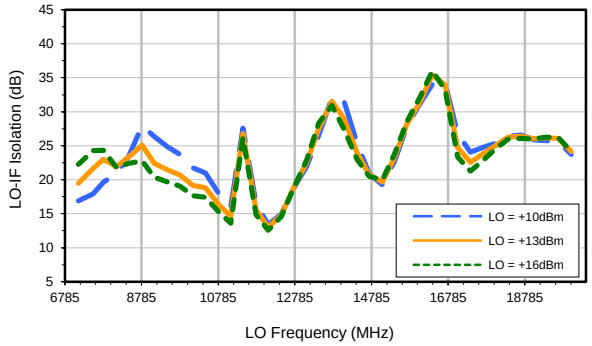


Typical Performance Curves

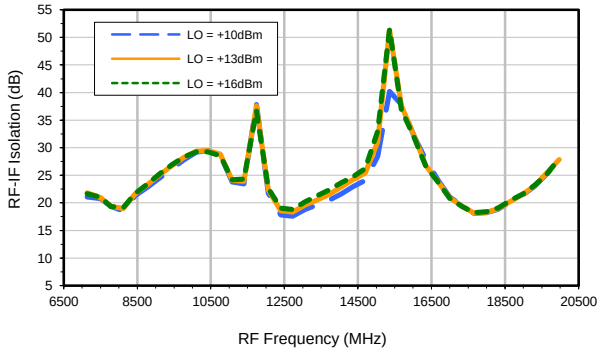
LO-RF Isolation



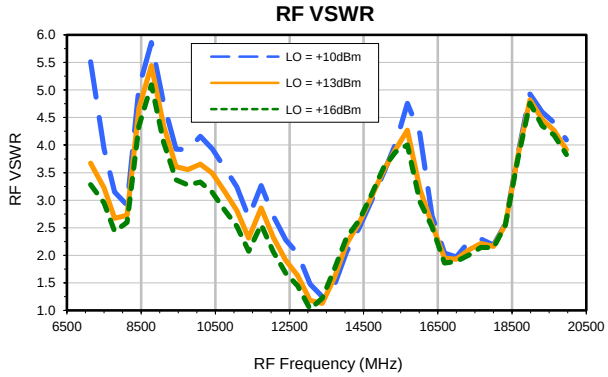
LO-IF Isolation



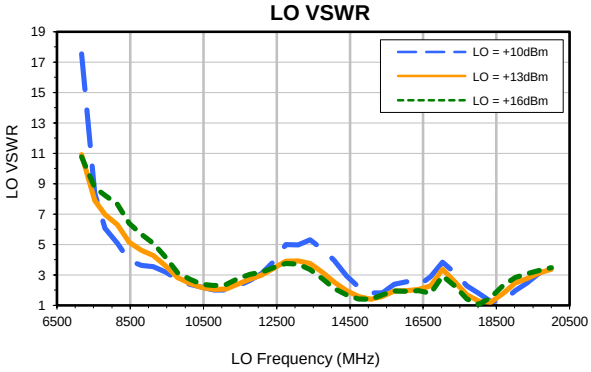
RF-IF Isolation



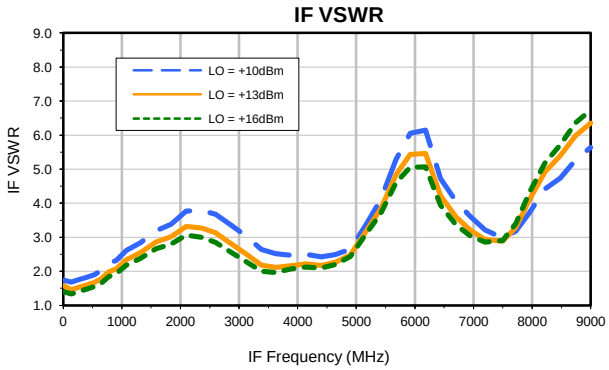
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	---	---	1.03	---	---	---	---	---	---	---	---	---
1	---	18.45	---	32.05	---	---	---	---	---	---	---	---
2	123.83	---	71.27	69.62	72.17	---	---	---	---	---	---	---
3	123.73	---	---	86.03	66.95	85.29	---	---	---	---	---	---
4	122.42	---	---	---	101.95	103.85	100.40	---	---	---	---	---
5	123.77	---	---	---	---	99.41	94.93	99.67	---	---	---	---
6	123	---	---	---	---	---	100.03	91.61	98.89	---	---	---
7	124.17	---	---	---	---	---	---	101.44	102.44	95.20	---	---
8	123.78	---	---	---	---	---	---	---	99.49	97.57	99.47	---
9	123.56	---	---	---	---	---	---	---	---	99.81	98.71	99.35
10	123.04	---	---	---	---	---	---	---	---	---	101.27	102.36
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: **RF IN: 13735.00 MHz; -15.00 dBm.**
LO IN: 13765.00 MHz; +13.00 dBm
IF OUT: 30 MHz; -20.80 dBm

RF HARMONICS ORDER	(-dBm)	(-dBc)										
0	---	---	11.88	---	---	---	---	---	---	---	---	---
1	---	19.60	---	33.47	---	---	---	---	---	---	---	---
2	116.13	---	63.82	56.14	63.85	---	---	---	---	---	---	---
3	117.21	---	---	67.44	46.80	67.22	---	---	---	---	---	---
4	116.2	---	---	---	90.74	80.23	95.96	---	---	---	---	---
5	117.88	---	---	---	---	98.74	77.89	96.74	---	---	---	---
6	116.92	---	---	---	---	---	111.71	92.70	106.67	---	---	---
7	116.47	---	---	---	---	---	---	109.93	99.99	109.40	---	---
8	116.29	---	---	---	---	---	---	---	110.60	98.20	108.36	---
9	115.69	---	---	---	---	---	---	---	---	111.33	101.82	109.59
10	117.56	---	---	---	---	---	---	---	---	---	109.86	114.13
		0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: **RF IN: 13735.00 MHz; -5.00 dBm.**
LO IN: 13765.00 MHz; +13.00 dBm
IF OUT: 30 MHz; -10.83 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