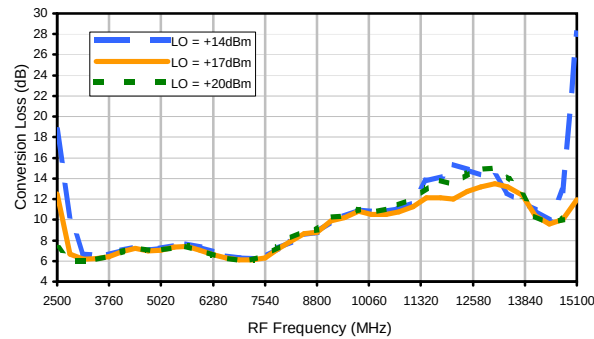
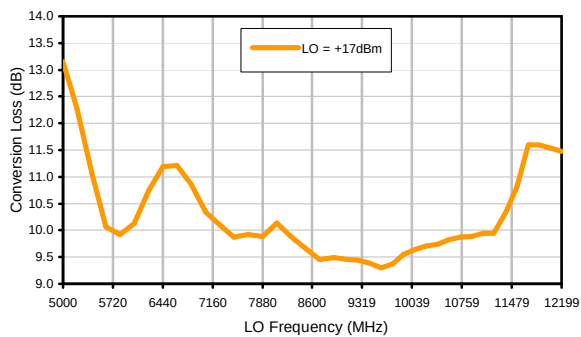


Typical Performance Curves

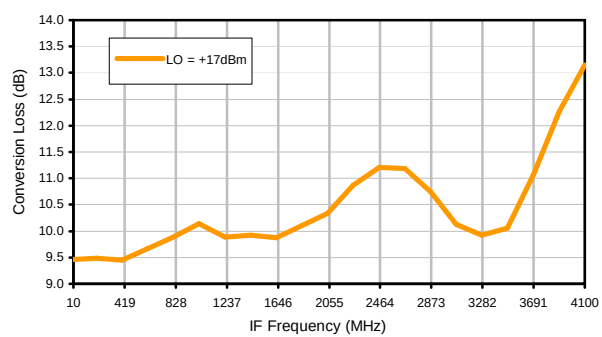
Conversion Loss @ IF=30MHz



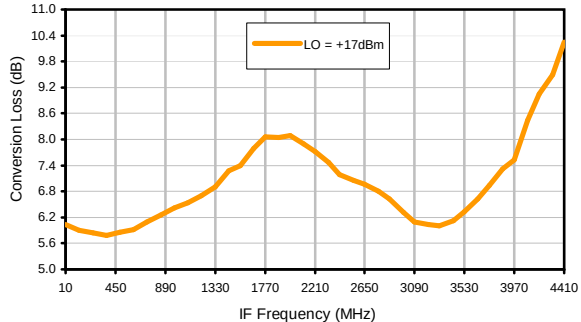
Conversion Loss vs. LO @ RF=9100MHz



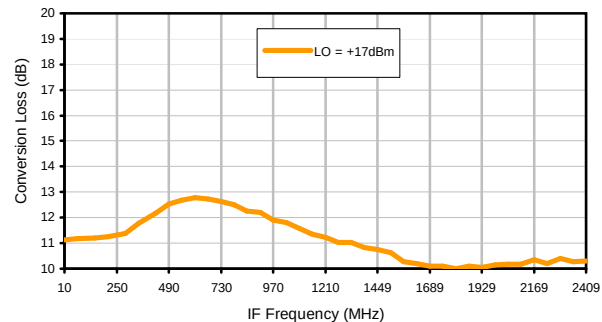
Conversion Loss vs. IF @ RF=9100MHz



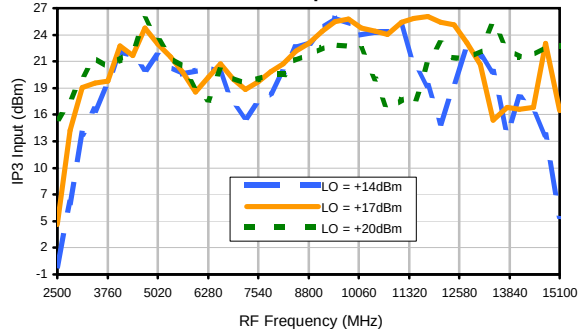
Conversion Loss vs. IF @ RF=3190MHz



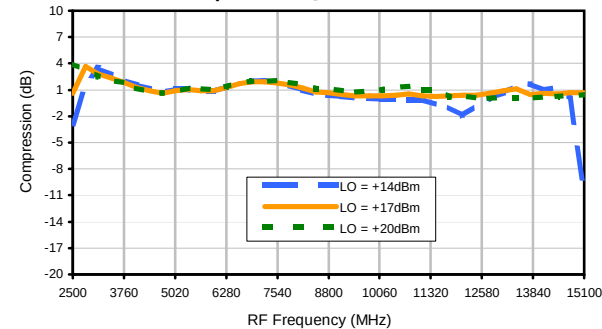
Conversion Loss vs. IF @ RF=15010MHz



IP3 Input

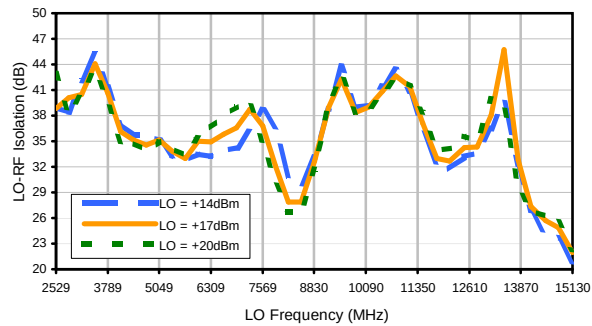


Compression @ RF IN=+11dBm

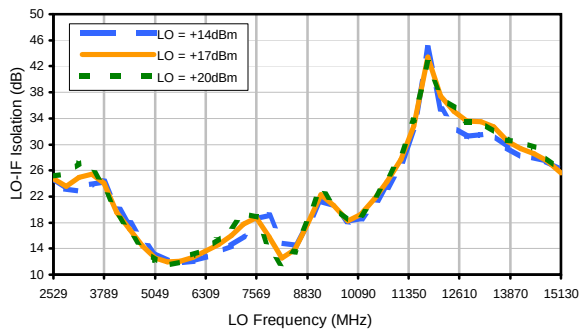


Typical Performance Curves

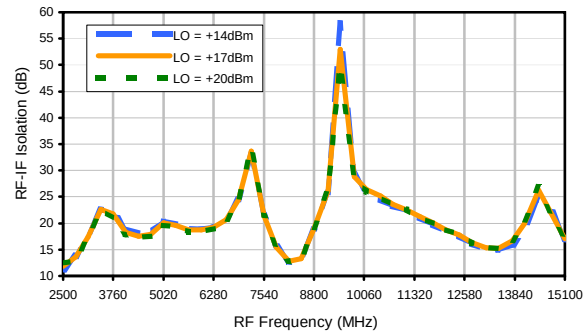
LO-RF Isolation



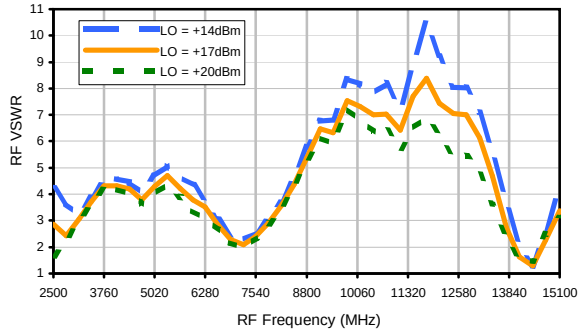
LO-IF Isolation



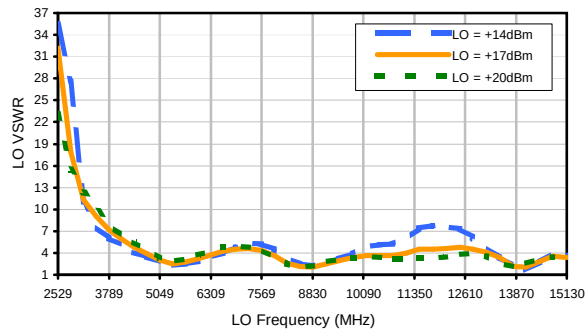
RF-IF Isolation



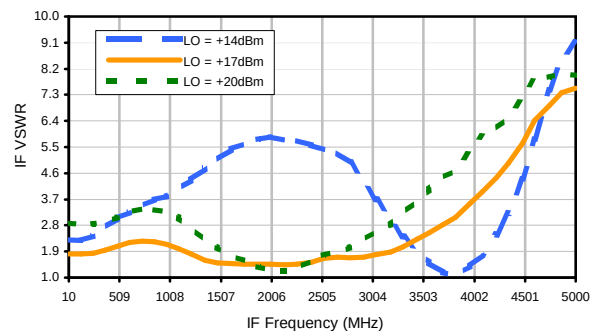
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+11	23	12	---	---	---	---	---	---	---
1	-	9	+0	37	29	46	---	---	---	---	---	---
2	65	57	42	49	48	60	62	---	---	---	---	---
3	77	74	68	>79	68	70	77	>79	---	---	---	---
4	---	---	>79	>79	>79	>79	>79	>79	>79	---	---	---
5	---	---	---	>79	>79	>79	>79	>79	>79	>79	---	---
6	---	---	---	---	>79	>79	>79	>79	>79	>79	>79	---
7	---	---	---	---	---	>79	>79	>79	>79	>79	>79	>79
8	---	---	---	---	---	---	>79	>79	>79	>79	>79	>79
9	---	---	---	---	---	---	---	>79	>79	>79	>79	>79
10	---	---	---	---	---	---	---	---	>79	>79	>79	>79
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 7800 MHz; -4.00 dBm.
LO IN: 7830 MHz; +17.00 dBm
IF OUT: 30 MHz; -11.03 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+1	33	23	---	---	---	---	---	---	---
1	-	9	+0	38	29	49	---	---	---	---	---	---
2	44	45	32	39	38	52	54	---	---	---	---	---
3	54	53	46	63	46	50	59	69	---	---	---	---
4	---	---	67	69	69	66	66	71	76	---	---	---
5	---	---	---	88	83	>89	66	71	78	83	---	---
6	---	---	---	---	>89	>89	82	81	79	>89	87	---
7	---	---	---	---	---	>89	>89	>89	86	84	>89	>89
8	---	---	---	---	---	---	>89	>89	>89	>89	>89	>89
9	---	---	---	---	---	---	---	>89	>89	>89	>89	>89
10	---	---	---	---	---	---	---	---	>89	>89	>89	>89
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 7800 MHz; 6.00 dBm.
LO IN: 7830 MHz; +17.00 dBm
IF OUT: 30 MHz; -1.03 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.