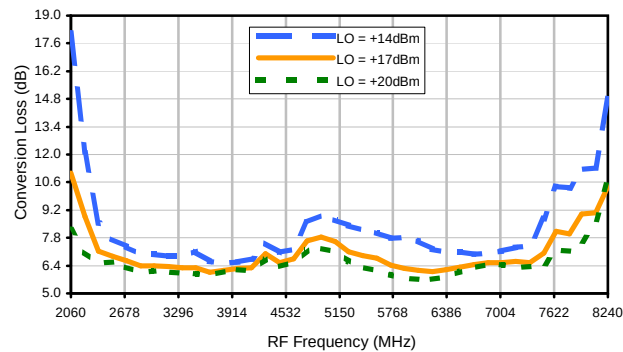
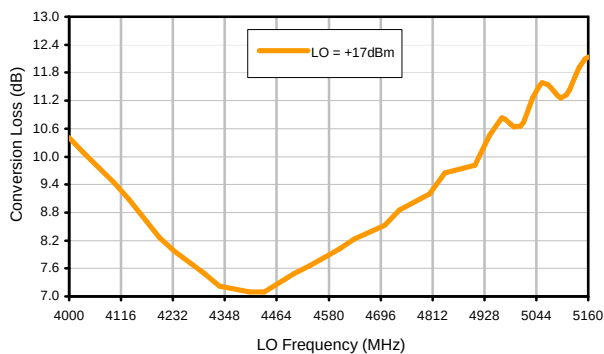


Typical Performance Curves

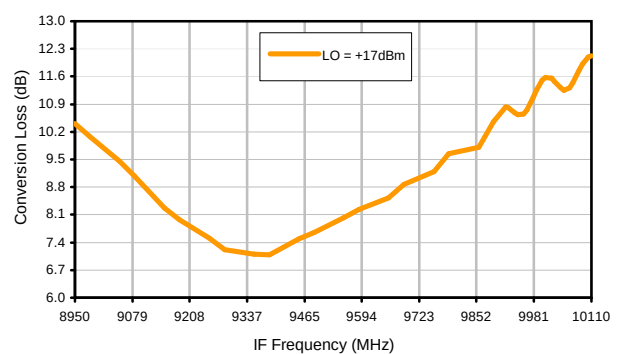
Conversion Loss @ IF=30MHz



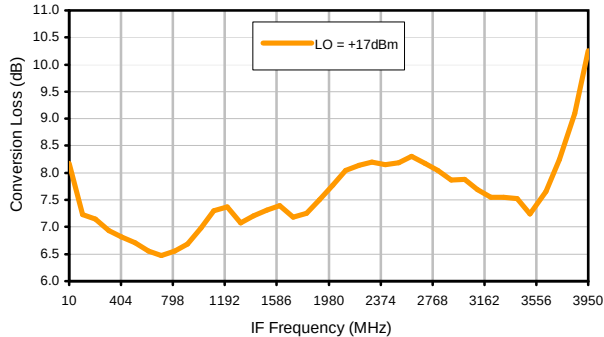
Conversion Loss vs. LO @ RF=4950MHz



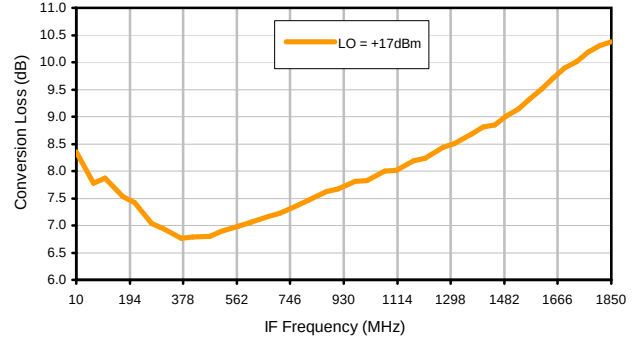
Conversion Loss vs. IF @ RF=4950MHz



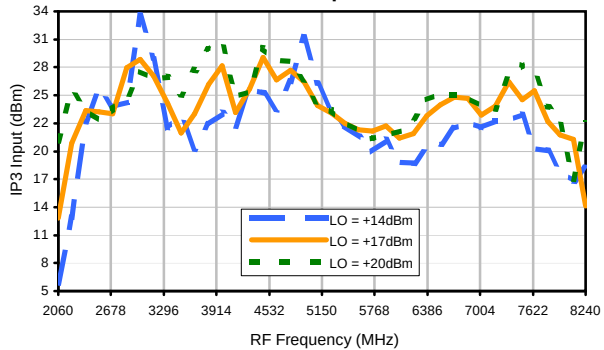
Conversion Loss vs. IF @ RF=2289.89MHz



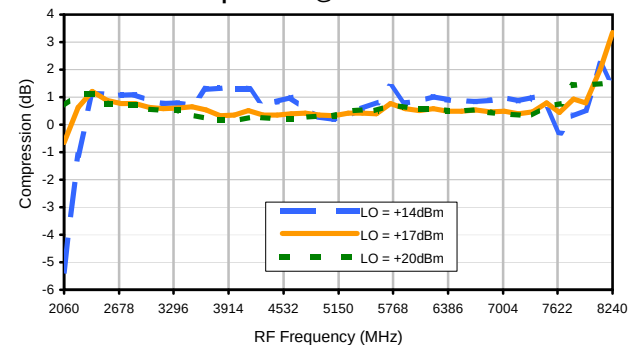
Conversion Loss vs. IF @ RF=7610.1MHz



IP3 Input

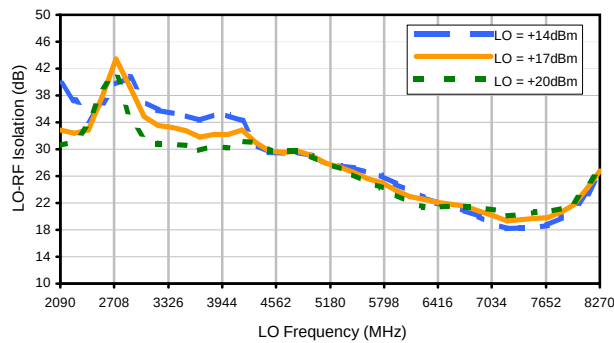


Compression @ RF IN=+14dBm

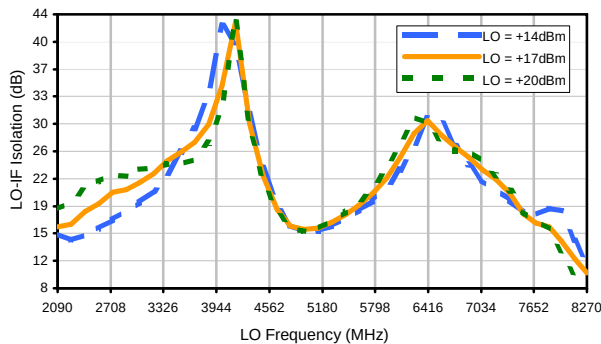


Typical Performance Curves

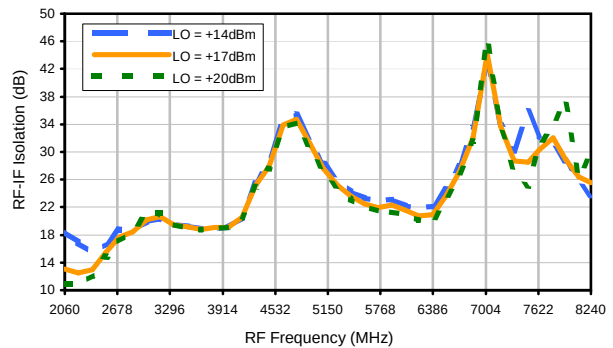
LO-RF Isolation



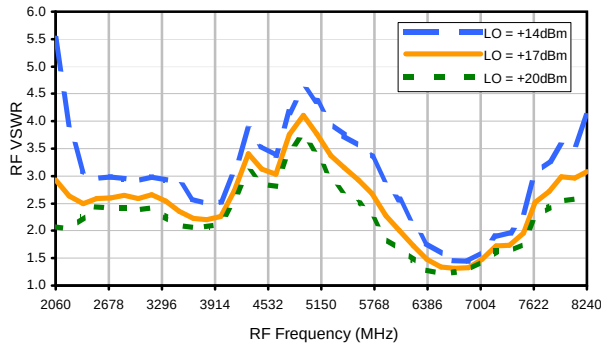
LO-IF Isolation



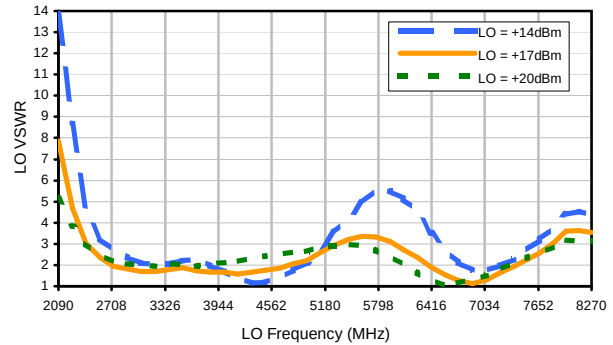
RF-IF Isolation



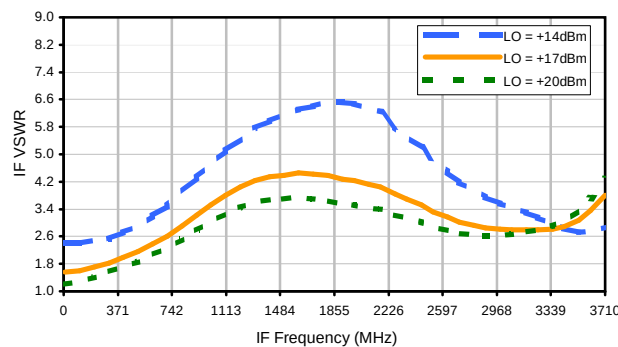
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+10	11	15	33	---	---	---	---	---	---
1	-	23	+0	33	20	35	51	---	---	---	---	---
2	66	68	51	66	51	56	60	76	---	---	---	---
3	>90	69	61	>81	66	>81	68	81	>81	---	---	---
4	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	---	---
5	---	---	>81	>81	>81	>81	>81	>81	>81	>81	>81	---
6	---	---	---	>81	>81	>81	>81	>81	>81	>81	>81	>81
7	---	---	---	---	>81	>81	>81	>81	>81	>81	>81	>81
8	---	---	---	---	---	>81	>81	>81	>81	>81	>81	>81
9	---	---	---	---	---	---	>81	>81	>81	>81	>81	>81
10	---	---	---	---	---	---	---	>81	>81	>81	>81	>81
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 4950 MHz; -1.00 dBm.
LO IN: 4980 MHz; +17.00 dBm
IF OUT: 30 MHz; -8.97 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+0	21	25	44	---	---	---	---	---	---
1	-	23	+0	33	20	37	55	---	---	---	---	---
2	46	55	41	47	42	47	50	66	---	---	---	---
3	63	47	39	65	43	63	48	61	62	---	---	---
4	80	79	87	58	69	57	74	67	78	87	---	---
5	---	---	79	85	64	90	60	>91	67	89	88	---
6	---	---	---	>91	91	78	>91	75	>91	81	>91	>91
7	---	---	---	---	>91	>91	83	>91	80	>91	88	>91
8	---	---	---	---	---	>91	>91	>91	>91	88	>91	>91
9	---	---	---	---	---	---	>91	>91	>91	>91	>91	>91
10	---	---	---	---	---	---	---	>91	>91	>91	>91	>91
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 4950 MHz; 9.00 dBm.
LO IN: 4980 MHz; +17.00 dBm
IF OUT: 30 MHz; 1.13 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.