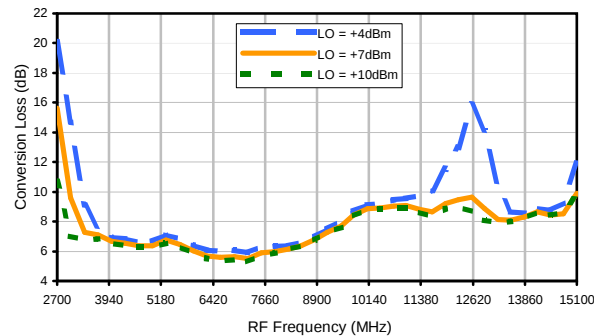
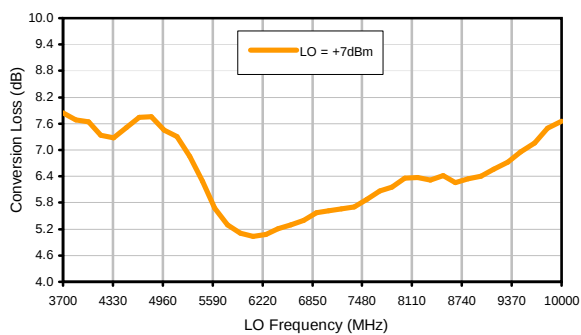


Typical Performance Curves

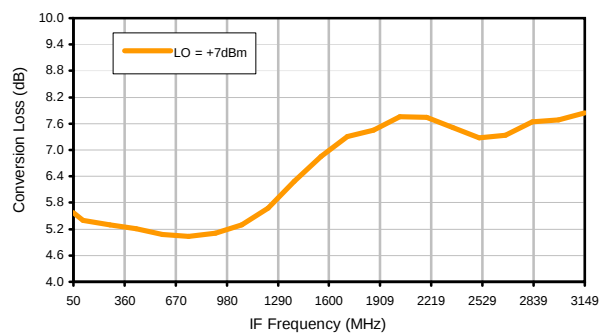
Conversion Loss @ IF=30MHz



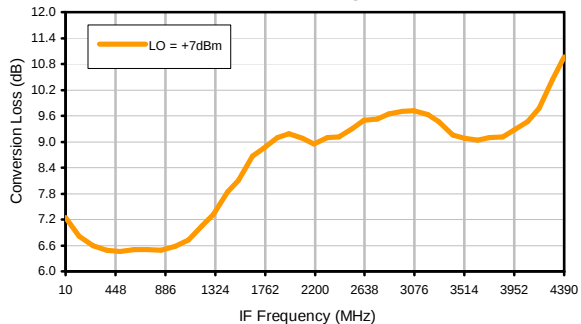
Conversion Loss vs. LO @ RF=6850MHz



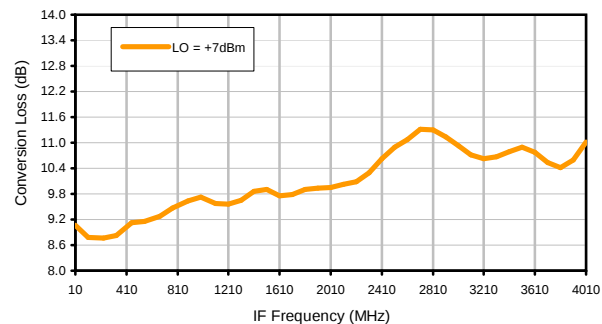
Conversion Loss vs. IF @ RF=6850MHz



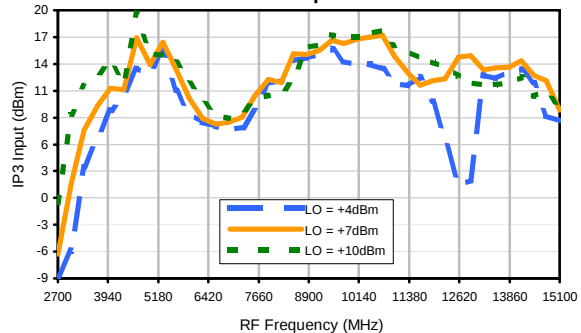
Conversion Loss vs. IF @ RF=3690MHz



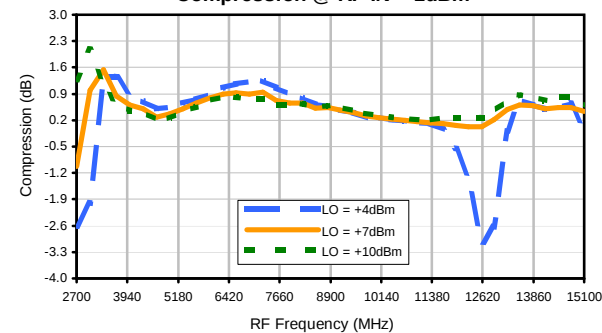
Conversion Loss vs. IF @ RF=10010.09MHz



IP3 Input

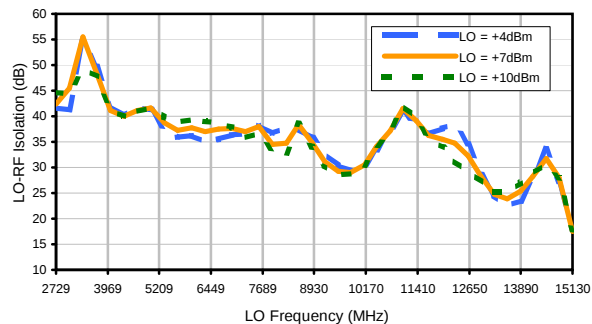


Compression @ RF IN=+1dBm

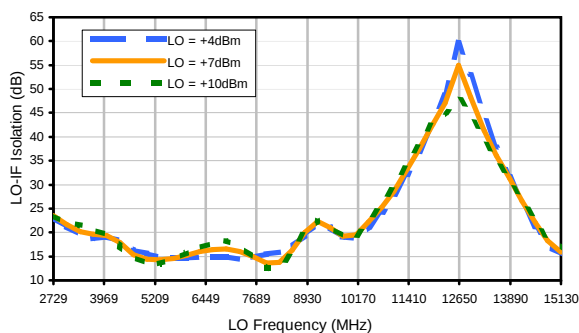


Typical Performance Curves

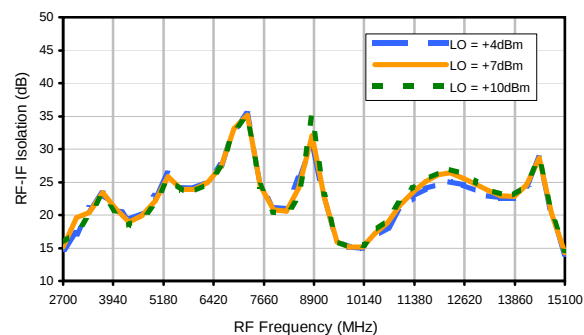
LO-RF Isolation



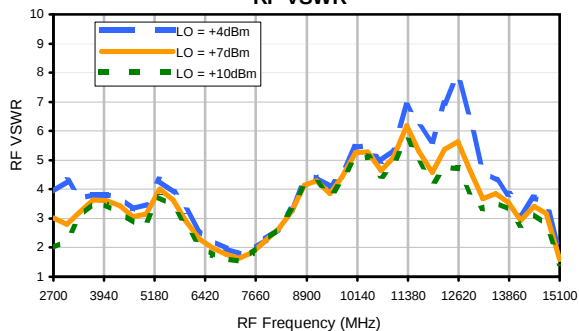
LO-IF Isolation



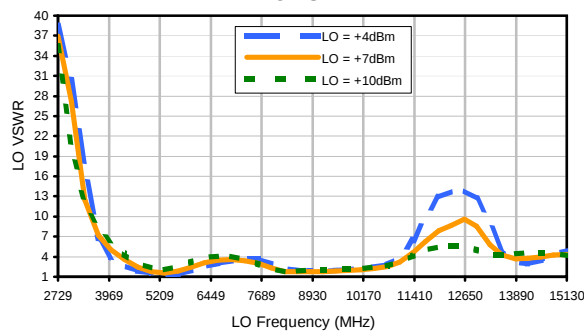
RF-IF Isolation



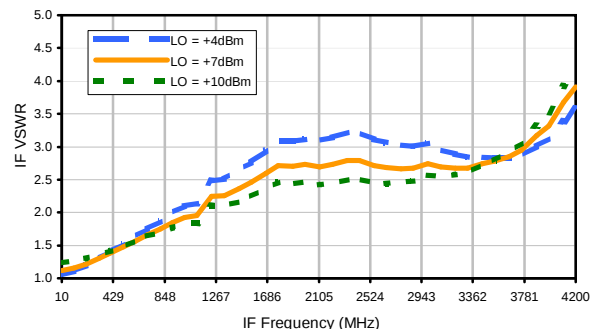
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER	(-dBm)											
	(-dBc)											
	0	-	-	+10	31	15	---	---	---	---	---	---
	1	-	25	+0	47	27	53	---	---	---	---	---
	2	86	62	47	57	47	68	56	---	---	---	---
	3	>90	>70	69	>70	57	>70	>70	>70	---	---	---
	4	---	---	>70	>70	>70	>70	>70	>70	>70	---	---
	5	---	---	---	>70	>70	>70	>70	>70	>70	>70	---
	6	---	---	---	---	>70	>70	>70	>70	>70	>70	>70
	7	---	---	---	---	---	>70	>70	>70	>70	>70	>70
	8	---	---	---	---	---	---	>70	>70	>70	>70	>70
	9	---	---	---	---	---	---	---	>70	>70	>70	>70
	10	---	---	---	---	---	---	---	---	>70	>70	>70
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 6850 MHz; -14.00 dBm.
 LO IN: 6880 MHz; +7.00 dBm
 IF OUT: 30 MHz; -19.69 dBm

RF HARMONICS ORDER	(-dBm)											
	(-dBc)											
	0	-	-	+0	45	27	---	---	---	---	---	---
	1	-	25	+0	49	27	58	---	---	---	---	---
	2	66	53	37	46	40	62	50	---	---	---	---
	3	>90	63	49	64	36	64	56	75	---	---	---
	4	---	---	>80	77	61	>80	58	>80	74	---	---
	5	---	---	---	>80	73	>80	54	>80	69	>80	---
	6	---	---	---	---	>80	>80	>80	>80	73	>80	74
	7	---	---	---	---	---	>80	>80	>80	67	>80	80
	8	---	---	---	---	---	---	>80	>80	>80	>80	>80
	9	---	---	---	---	---	---	---	>80	>80	>80	79
	10	---	---	---	---	---	---	---	---	>80	>80	>80
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 6850 MHz; -4.00 dBm.
 LO IN: 6880 MHz; +7.00 dBm
 IF OUT: 30 MHz; -9.81 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.