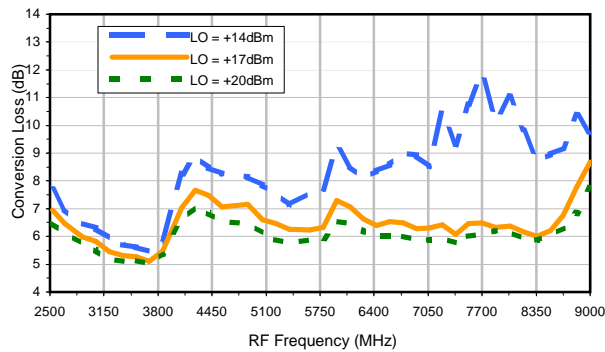
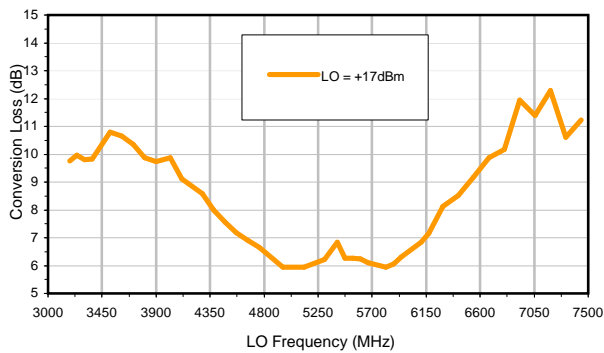


## Typical Performance Curves

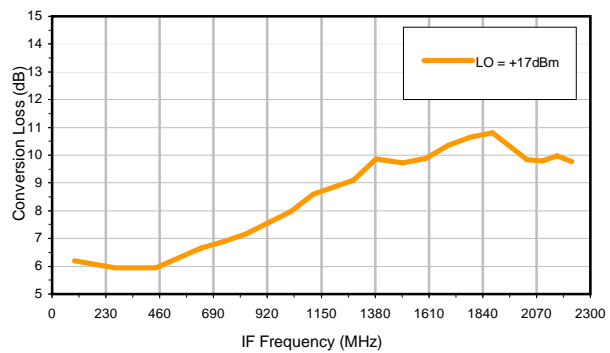
Conversion Loss @IF=30.1 MHz



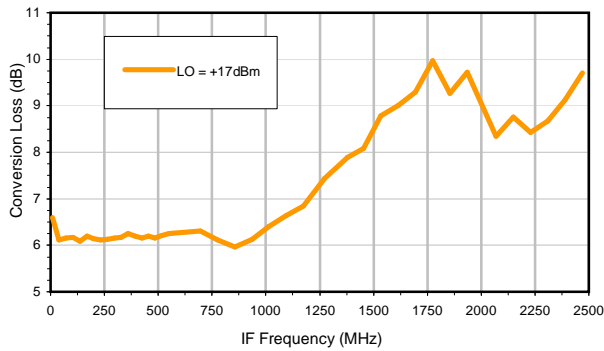
Conversion Loss vs. LO @ RF=5400 MHz



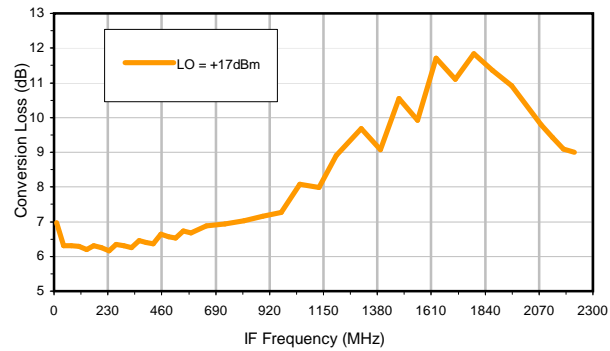
Conversion Loss vs. IF @ RF=5400 MHz



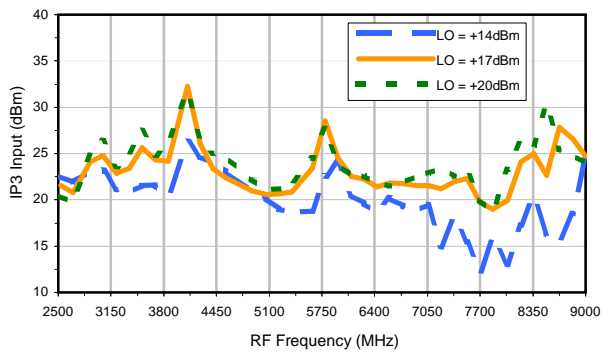
Conversion Loss vs. IF @ RF=2800 MHz



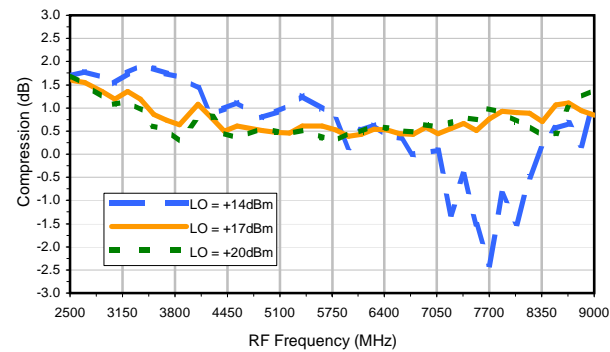
Conversion Loss vs. IF @ RF=8000 MHz



IP3 Input

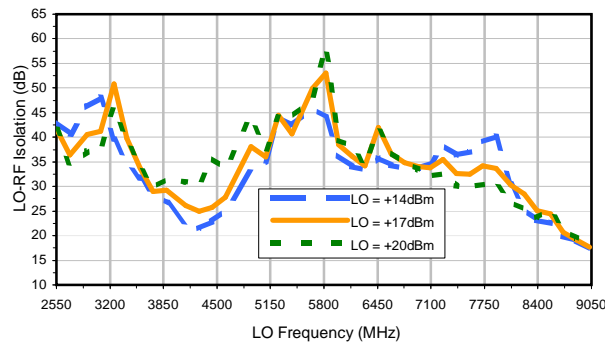


Compression @RF IN=+14 dBm

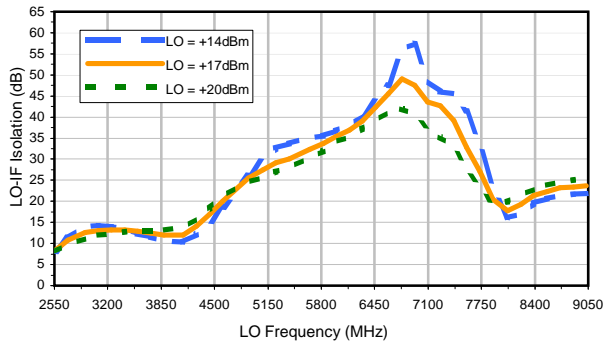


## Typical Performance Curves

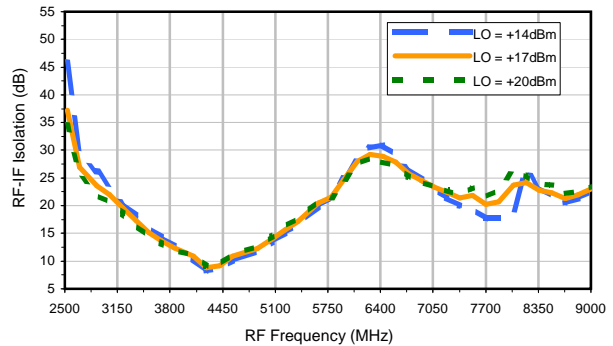
LO-RF Isolation



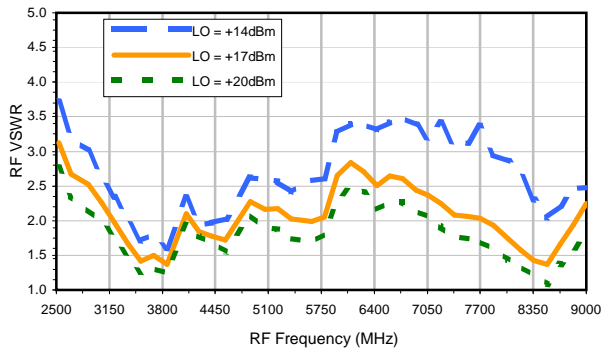
LO-IF Isolation



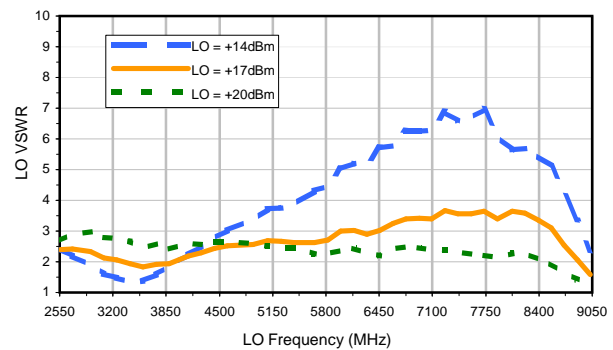
RF-IF Isolation



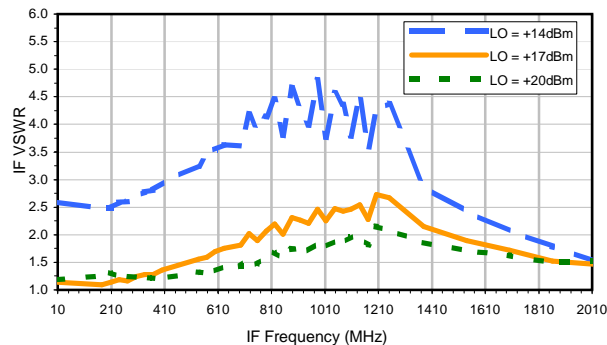
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	7	27	14	45	---	---	---	---	---	
1	-	12	+0	35	31	50	54	---	---	---	---	
2	65	64	76	50	60	60	54	58	---	---	---	
3	>90	76	65	75	62	73	69	76	79	---	---	
4	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	---	
5	---	---	>83	>83	>83	>83	>83	>83	>83	>83	>83	
6	---	---	---	82	>83	>83	>83	>83	>83	>83	>83	
7	---	---	---	---	>83	>83	>83	>83	>83	>83	>83	
8	---	---	---	---	---	>83	>83	>83	>83	>83	>83	
9	---	---	---	---	---	---	>83	>83	>83	>83	>83	
10	---	---	---	---	---	---	---	>83	>83	>83	>83	
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 5400 MHz; -1.00 dBm.  
 LO IN: 5430 MHz; +17.00 dBm  
 IF OUT: 30 MHz; -7.4 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	16	39	26	47	---	---	---	---	---	
1	-	12	+0	37	31	52	62	---	---	---	---	
2	46	52	64	44	53	51	48	55	---	---	---	
3	63	55	45	57	41	56	55	61	70	---	---	
4	76	65	72	66	70	58	69	64	67	64	---	
5	---	---	88	82	73	78	60	76	65	73	81	
6	---	---	---	>92	87	83	81	76	84	76	86	
7	---	---	---	---	>92	>92	84	86	77	90	78	
8	---	---	---	---	---	>92	>92	>92	>92	81	>92	
9	---	---	---	---	---	---	>92	>92	>92	>92	88	
10	---	---	---	---	---	---	---	>92	>92	>92	>92	
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 5400 MHz; 9.00 dBm.  
 LO IN: 5430 MHz; +17.00 dBm  
 IF OUT: 30 MHz; 2.37 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.