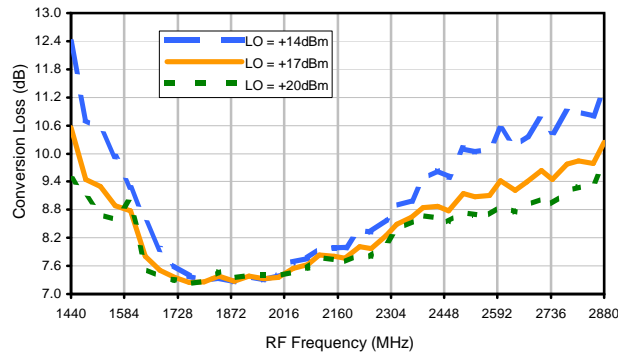
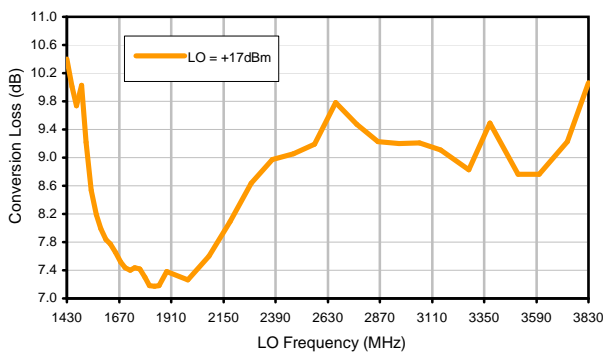


## Typical Performance Curves

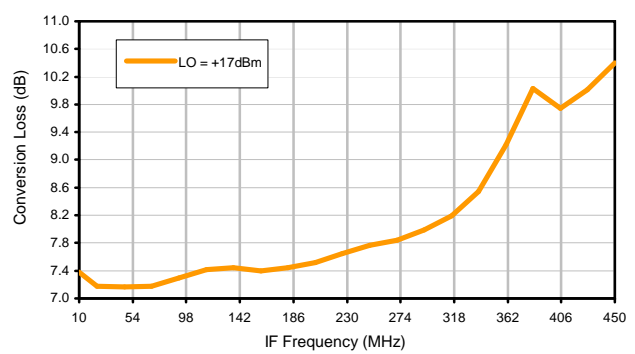
Conversion Loss @ IF=90MHz



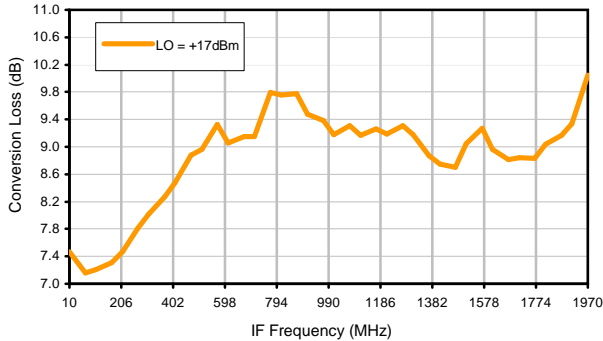
Conversion Loss vs. LO @ RF=1880MHz



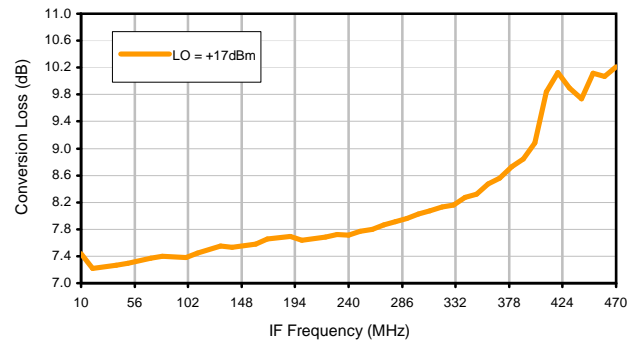
Conversion Loss vs. IF @ RF=1880MHz



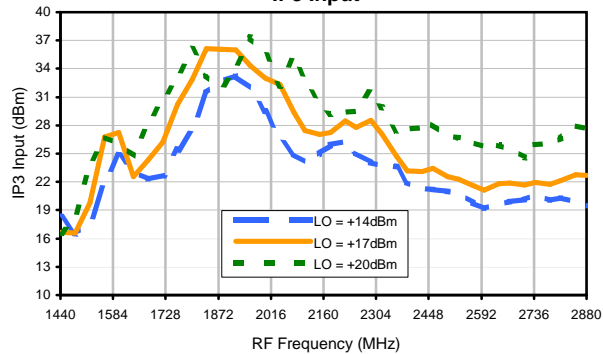
Conversion Loss vs. IF @ RF=1839.9MHz



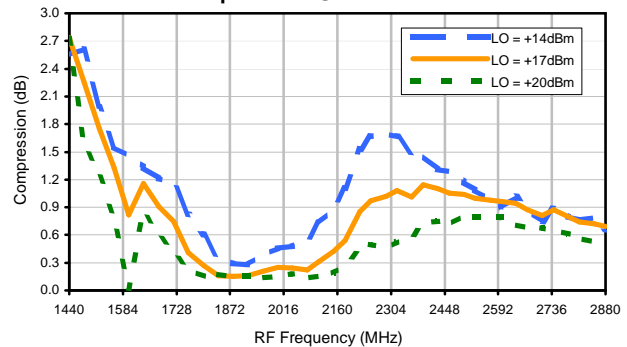
Conversion Loss vs. IF @ RF=1920.1MHz



IP3 Input

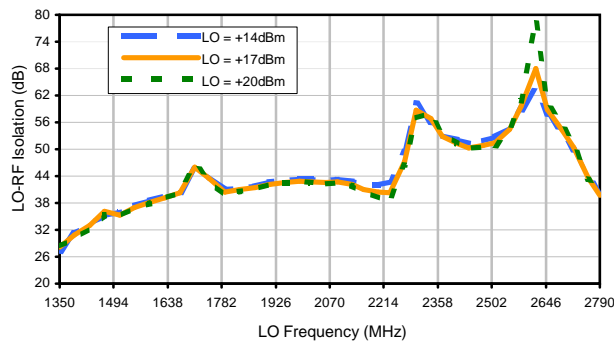


Compression @ RF IN=+17dBm

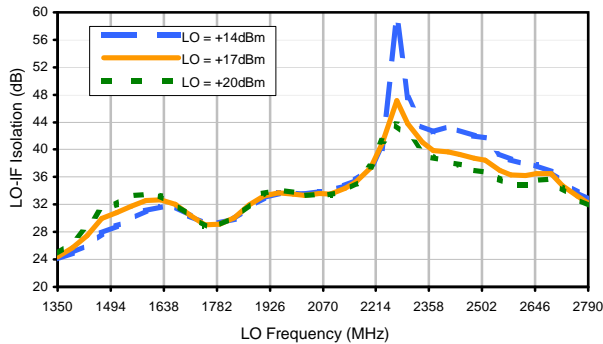


## Typical Performance Curves

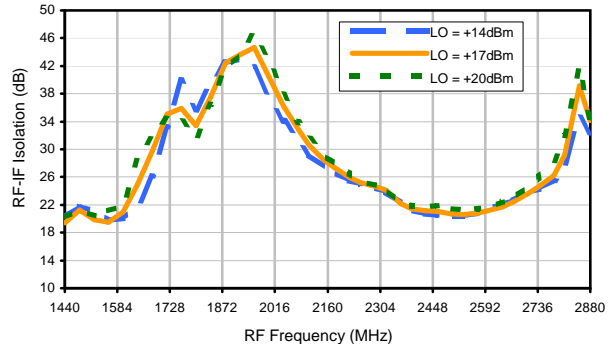
LO-RF Isolation



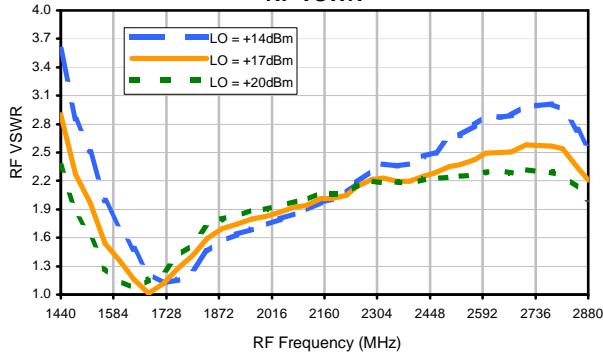
LO-IF Isolation



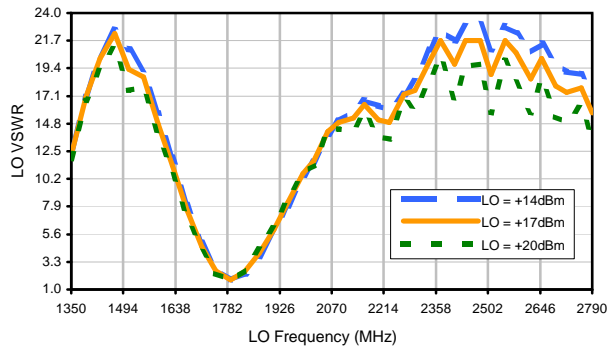
RF-IF Isolation



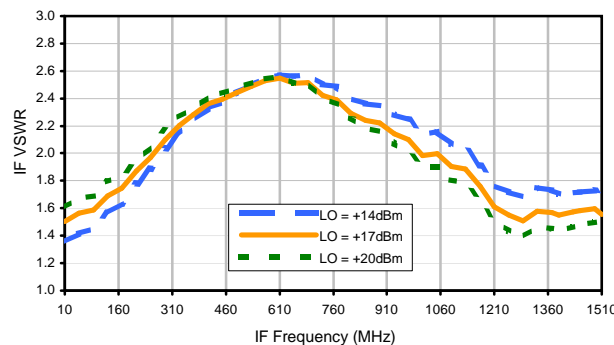
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	7	27	22	27	39	49	37	40	37	45
1	-	33	+0	38	18	37	28	44	53	39	61	61
2	55	59	61	81	66	67	68	82	71	72	70	72
3	>90	>85	79	>85	83	>85	77	>85	81	>85	>85	>85
4	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
5	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
6	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
7	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
8	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
9	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
10	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 1880 MHz; 2.00 dBm.  
 LO IN: 1790 MHz; +17.00 dBm  
 IF OUT: 90 MHz; -5.3 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	17	37	31	37	48	56	48	51	49	52
1	-	33	+0	38	18	37	29	45	54	40	60	62
2	35	49	49	69	56	57	59	69	64	64	63	65
3	61	67	53	72	50	65	56	68	65	67	89	74
4	83	80	87	84	78	78	75	76	73	80	79	81
5	>90	>95	77	90	76	89	73	93	77	>95	81	90
6	>90	>95	>95	>95	>95	>95	>95	91	>95	93	>95	>95
7	>90	>95	91	>95	87	>95	86	>95	86	93	94	>95
8	>90	>95	>95	>95	>95	>95	>95	>95	>95	>95	>95	>95
9	>90	>95	>95	>95	>95	>95	>95	>95	94	>95	92	>95
10	>90	>95	>95	>95	>95	>95	>95	>95	>95	>95	>95	>95
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 1880 MHz; 12.00 dBm.  
 LO IN: 1790 MHz; +17.00 dBm  
 IF OUT: 90 MHz; 4.54 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.