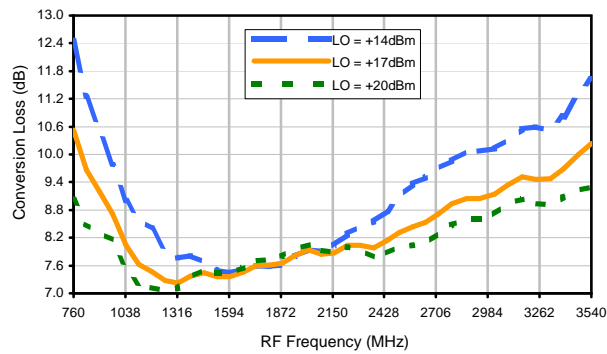
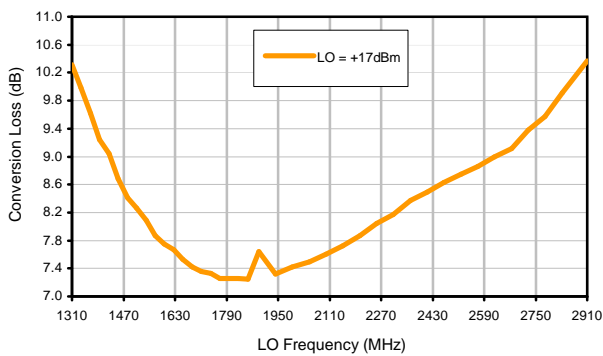


## Typical Performance Curves

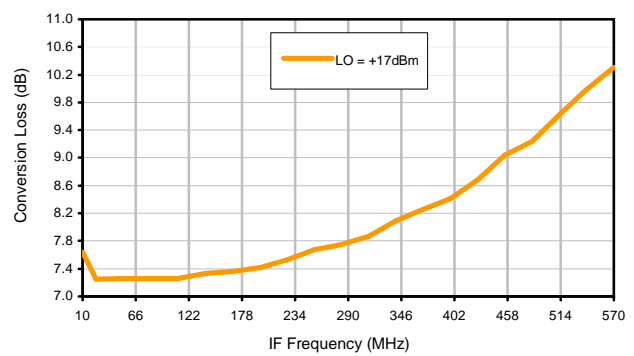
Conversion Loss @ IF=240MHz



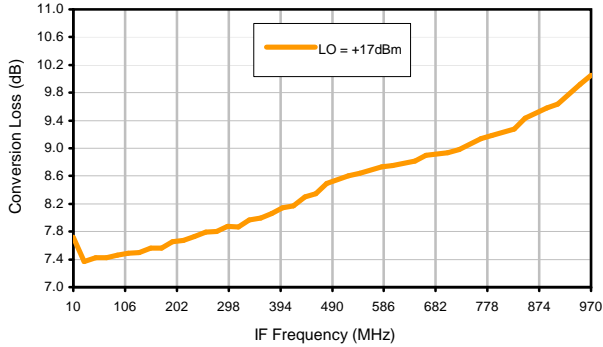
Conversion Loss vs. LO @ RF=1880MHz



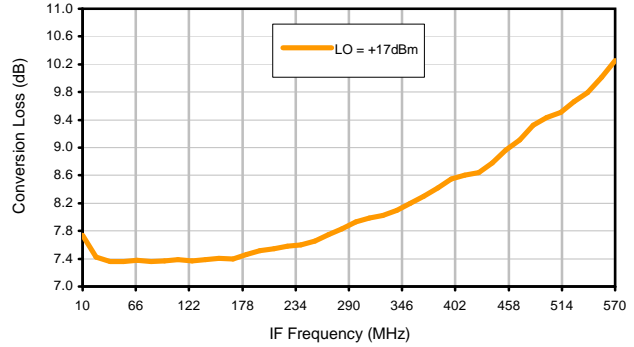
Conversion Loss vs. IF @ RF=1880MHz



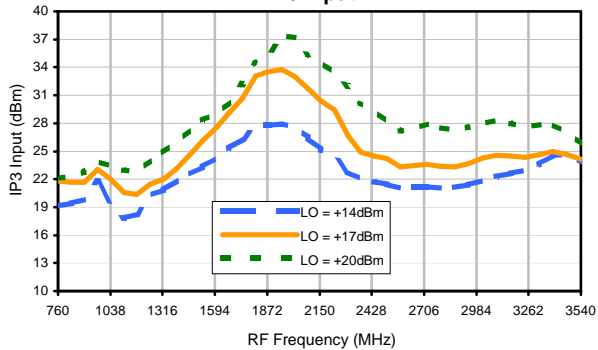
Conversion Loss vs. IF @ RF=1839.9MHz



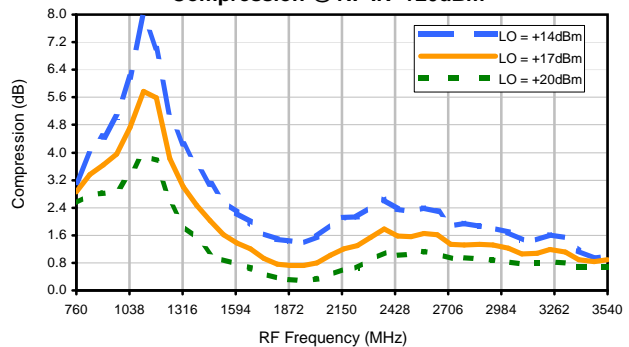
Conversion Loss vs. IF @ RF=1920.1MHz



IP3 Input

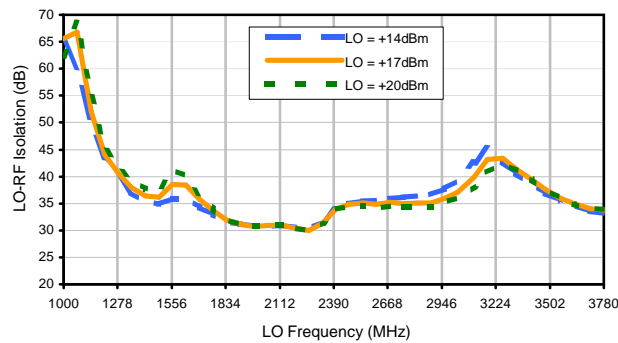


Compression @ RF IN=+20dBm

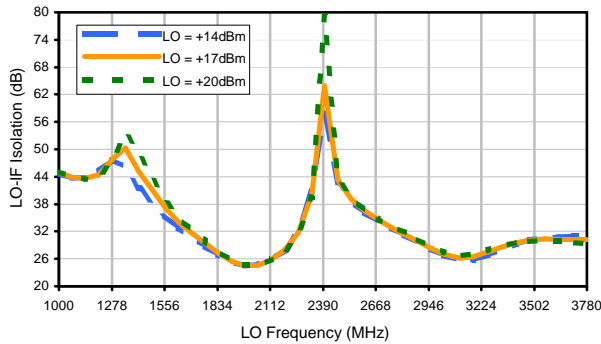


## Typical Performance Curves

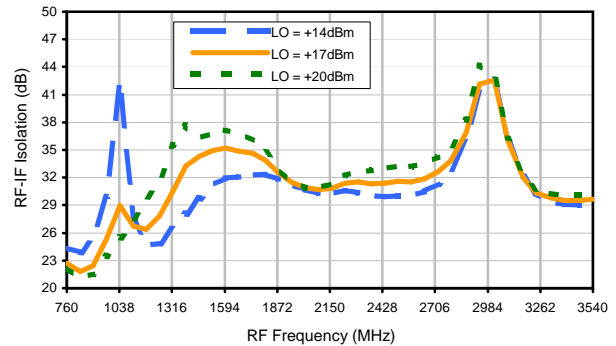
LO-RF Isolation



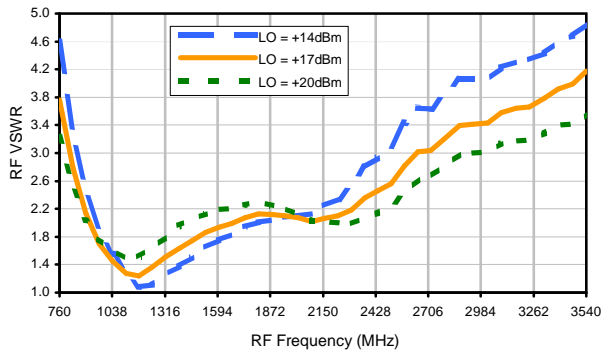
LO-IF Isolation



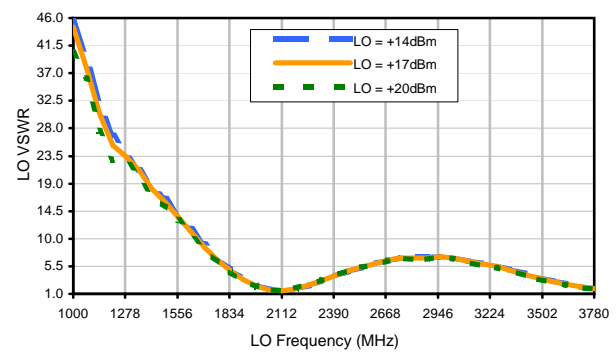
RF-IF Isolation



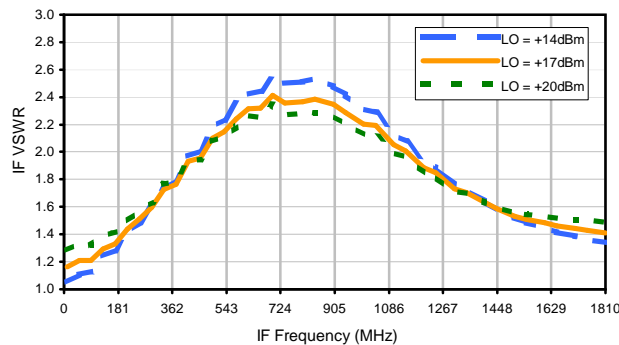
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	6	11	25	30	37	44	59	54	68	62
1	-	25	+0	28	21	50	37	46	35	54	50	67
2	49	42	48	45	51	44	53	50	55	57	70	68
3	82	64	54	55	46	55	52	62	66	79	60	81
4	>90	85	77	74	76	70	80	74	76	74	70	>87
5	>90	>87	>87	82	>87	71	80	76	78	81	>87	>87
6	>90	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
7	>90	>87	>87	>87	>87	>87	>87	86	>87	>87	>87	>87
8	>90	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
9	>90	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
10	>90	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87	>87
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 1880 MHz; 5.00 dBm.  
 LO IN: 2120 MHz; +17.00 dBm  
 IF OUT: 240 MHz; -2.8 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	16	21	37	39	46	53	60	67	72	70
1	-	25	+0	31	23	51	41	49	41	63	58	73
2	29	33	40	37	49	40	47	46	61	55	71	67
3	53	52	35	41	28	43	37	55	53	68	51	72
4	71	64	63	49	51	48	58	54	58	56	59	72
5	>90	67	57	62	51	50	44	54	50	63	69	66
6	>90	75	69	71	67	62	58	60	63	65	71	69
7	>90	77	74	83	82	76	65	57	57	63	63	69
8	>90	94	78	79	78	81	77	77	72	67	74	76
9	>90	>97	91	81	87	82	>97	78	70	64	68	70
10	>90	>97	97	>97	87	87	89	89	82	87	80	75
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 1880 MHz; 15.00 dBm.  
 LO IN: 2120 MHz; +17.00 dBm  
 IF OUT: 240 MHz; 6.97 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.

