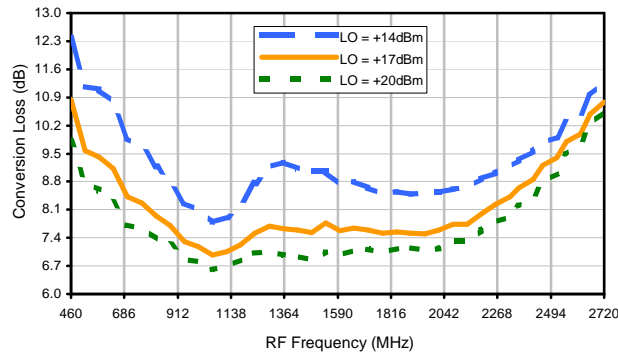
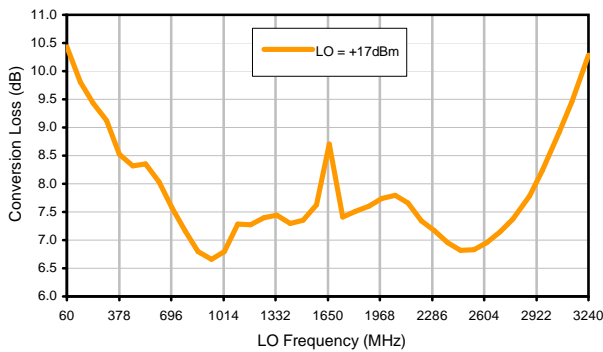


## Typical Performance Curves

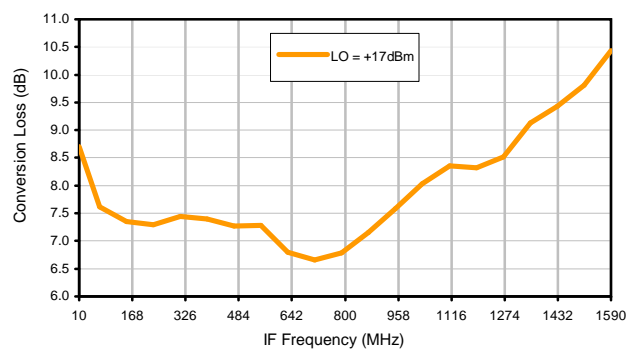
Conversion Loss @ IF=40MHz



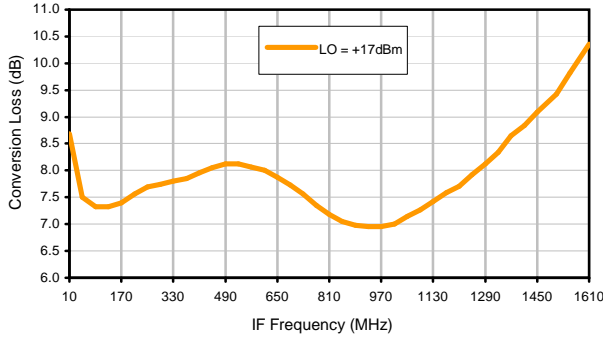
Conversion Loss vs. LO @ RF=1650MHz



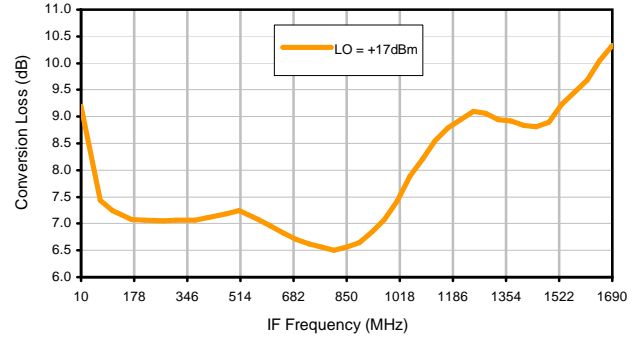
Conversion Loss vs. IF @ RF=1650MHz



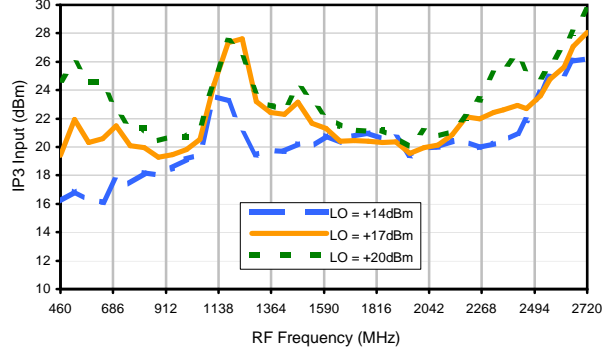
Conversion Loss vs. IF @ RF=1389.9MHz



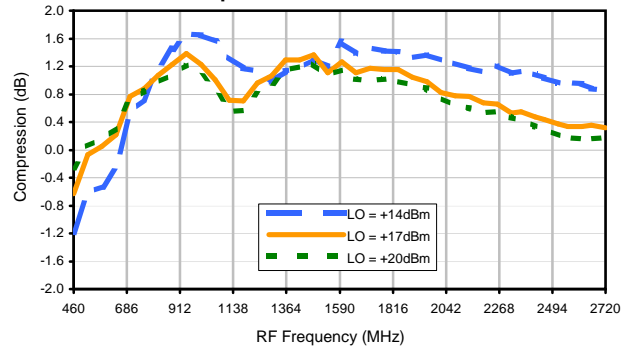
Conversion Loss vs. IF @ RF=1910.1MHz



IP3 Input

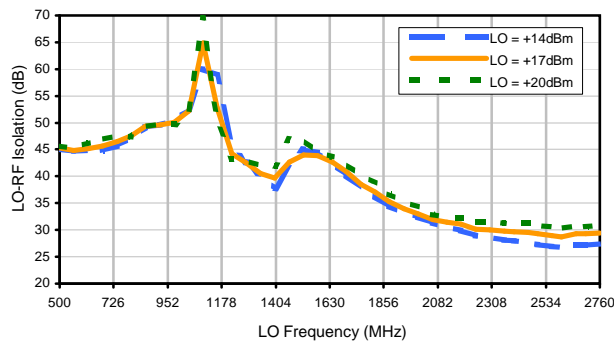


Compression @ RF IN=+14dBm

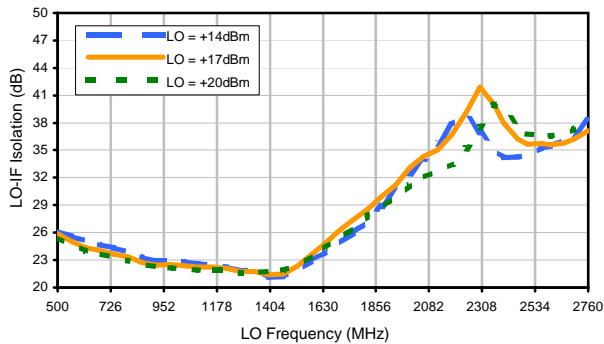


## Typical Performance Curves

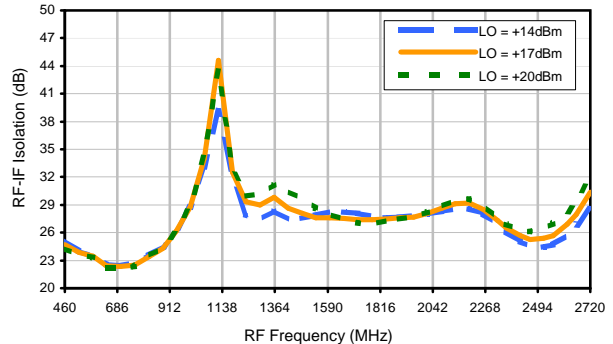
LO-RF Isolation



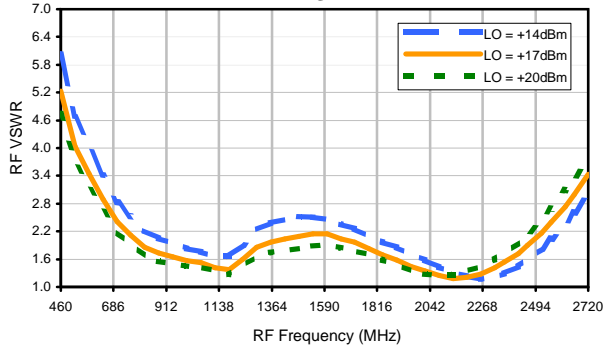
LO-IF Isolation



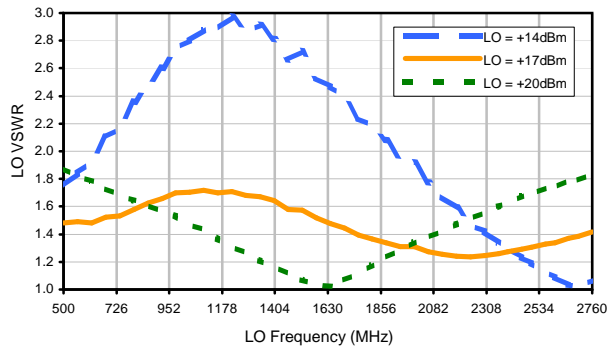
RF-IF Isolation



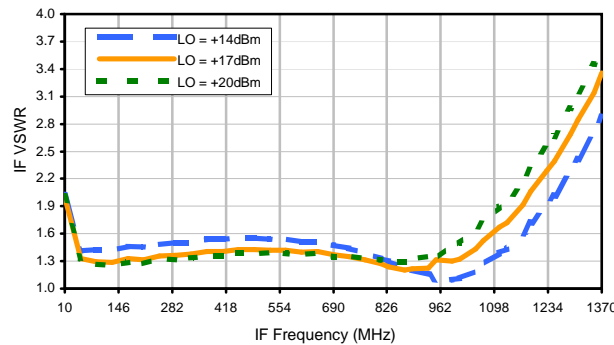
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+0	15	14	35	38	30	34	39	44	59
1	-	20	+0	36	32	38	48	64	44	50	38	55
2	59	53	38	57	44	56	48	67	61	50	48	53
3	>90	71	69	76	53	73	65	79	62	>81	67	64
4	>90	>81	80	>81	72	>81	73	>81	74	>81	80	74
5	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
6	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
7	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
8	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
9	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
10	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 1650 MHz; -1.00 dBm.  
 LO IN: 1690 MHz; +17.00 dBm  
 IF OUT: 40 MHz; -8.87 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	12	26	29	49	55	53	47	55	52	73
1	-	20	+0	37	31	43	56	85	62	55	56	74
2	40	44	29	49	33	53	42	62	63	61	55	62
3	73	48	45	58	35	55	50	60	61	77	79	62
4	>90	73	56	56	44	60	51	55	54	72	71	68
5	>90	79	71	68	72	65	51	76	79	86	65	87
6	>90	76	81	80	68	65	51	62	62	66	63	77
7	>90	74	81	>91	81	89	78	69	60	80	81	78
8	>90	84	79	84	>91	86	74	77	61	70	71	79
9	>90	90	84	81	88	>91	87	87	77	73	62	88
10	>90	>91	84	87	88	>91	>91	>91	83	>91	71	80
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 1650 MHz; 9.00 dBm.  
 LO IN: 1690 MHz; +17.00 dBm  
 IF OUT: 40 MHz; 1.08 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.