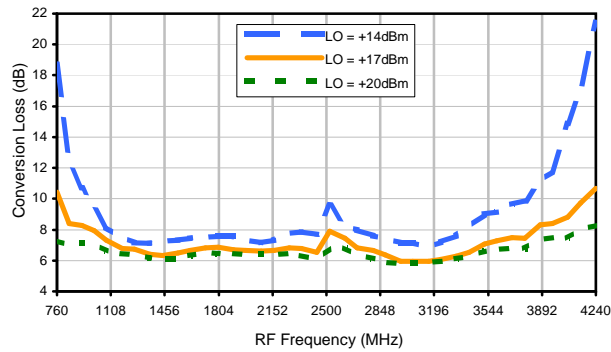
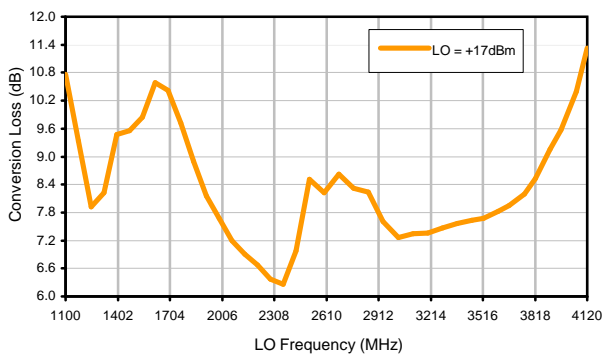


## Typical Performance Curves

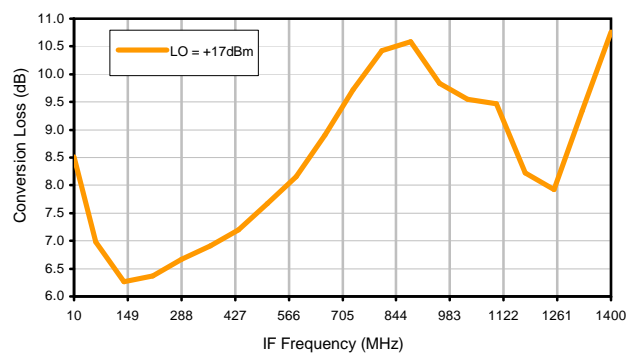
Conversion Loss @ IF=30MHz



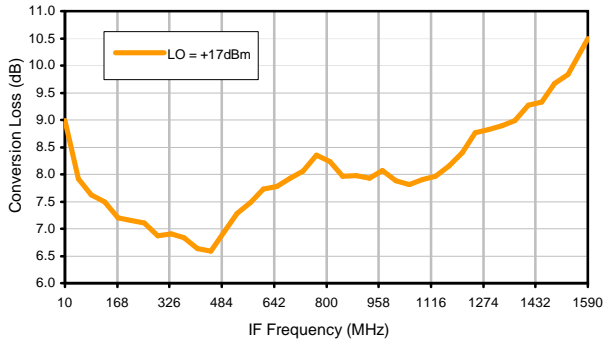
Conversion Loss vs. LO @ RF=2500MHz



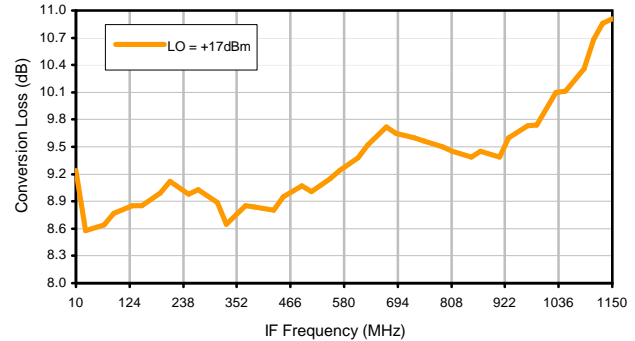
Conversion Loss vs. IF @ RF=2500MHz



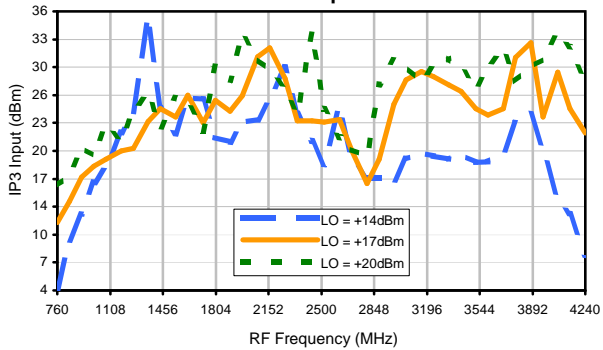
Conversion Loss vs. IF @ RF=989.9MHz



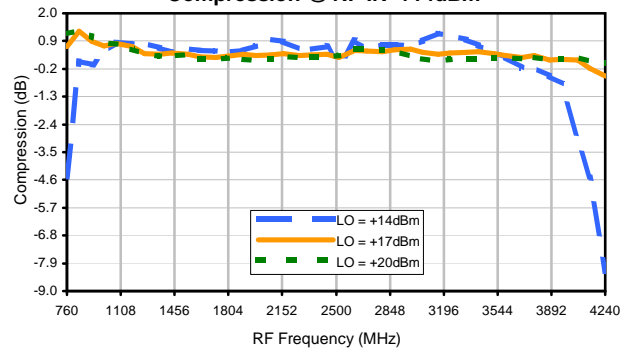
Conversion Loss vs. IF @ RF=4010.1MHz



IP3 Input

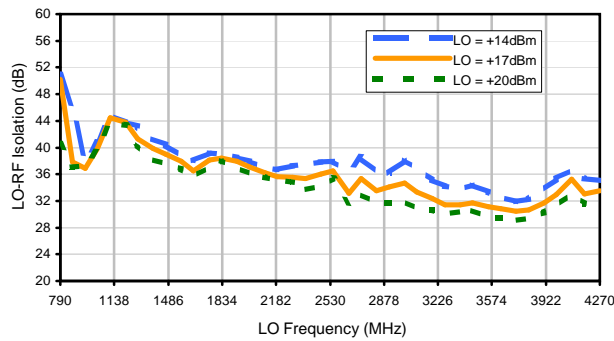


Compression @ RF IN=+14dBm

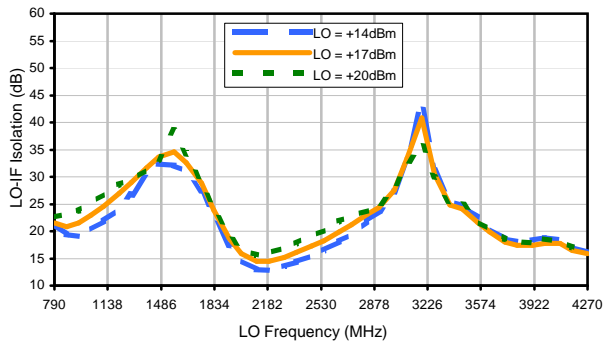


## Typical Performance Curves

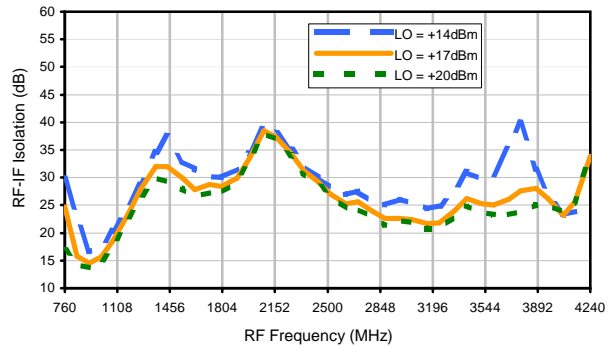
LO-RF Isolation



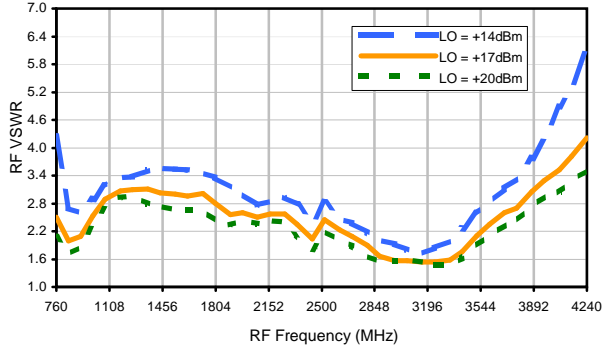
LO-IF Isolation



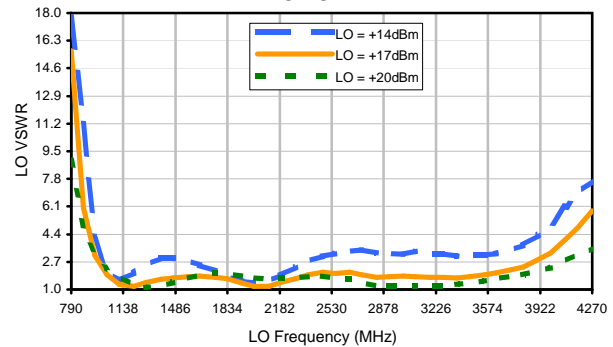
RF-IF Isolation



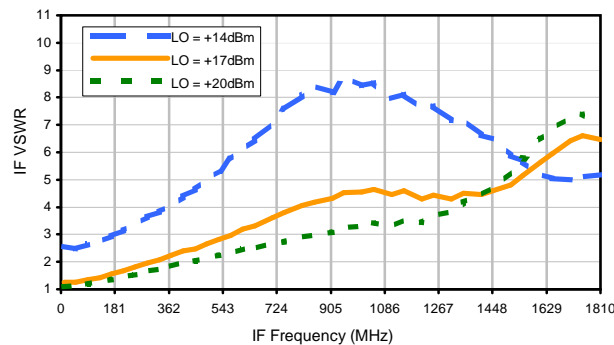
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+7	17	11	23	26	53	37	47	46	---
1	-	20	+0	26	24	38	28	44	38	49	54	55
2	63	50	51	50	49	57	62	67	64	74	67	71
3	>90	61	59	76	52	72	62	74	70	71	>81	>81
4	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
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	---	---	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

Test conditions: RF IN: 2500 MHz; -1.00 dBm.  
 LO IN: 2530 MHz; +17.00 dBm  
 IF OUT: 30 MHz; -9.11 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	3	29	23	38	40	57	50	56	60	---
1	-	20	+0	28	24	41	34	47	43	58	62	69
2	43	40	44	44	39	57	43	59	62	75	64	66
3	71	41	39	54	34	47	45	56	48	63	64	70
4	>90	75	57	72	62	61	57	65	54	69	63	77
5	>90	65	61	63	62	72	61	57	70	61	64	69
6	>90	89	88	86	85	70	78	60	75	72	72	84
7	>90	>91	91	85	78	85	73	91	65	75	80	87
8	>90	>91	>91	>91	90	>91	78	83	>91	75	75	>91
9	>90	>91	>91	>91	>91	>91	>91	81	90	>91	83	77
10	---	---	>91	>91	>91	>91	>91	>91	>91	91	>91	84
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 2500 MHz; 9.00 dBm.  
 LO IN: 2530 MHz; +17.00 dBm  
 IF OUT: 30 MHz; 1.12 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.