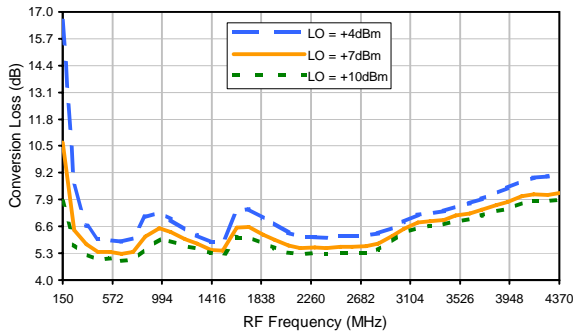
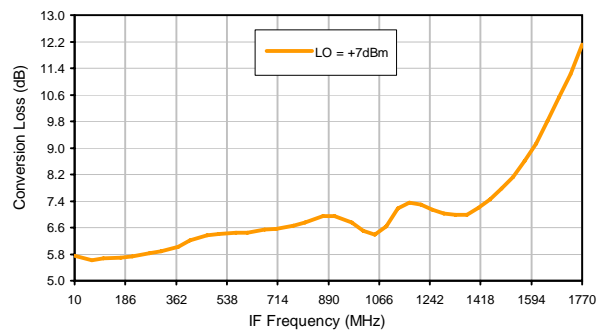


## Typical Performance Curves

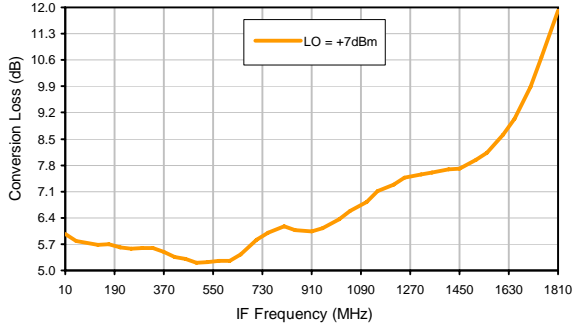
Conversion Loss @ IF=30MHz



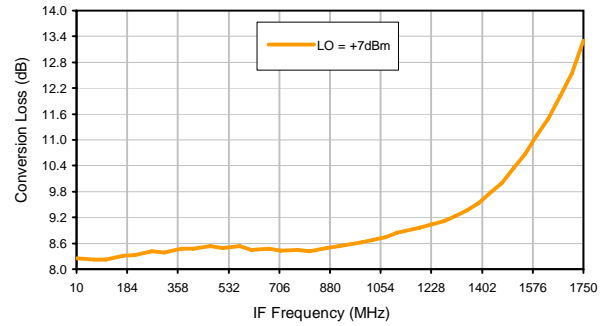
Conversion Loss vs. IF @ RF=2160.1001MHz



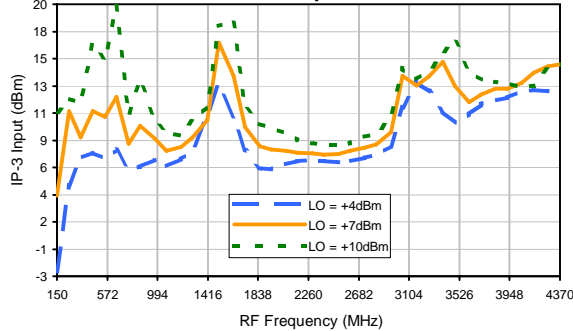
Conversion Loss vs. IF @ RF=289.9MHz



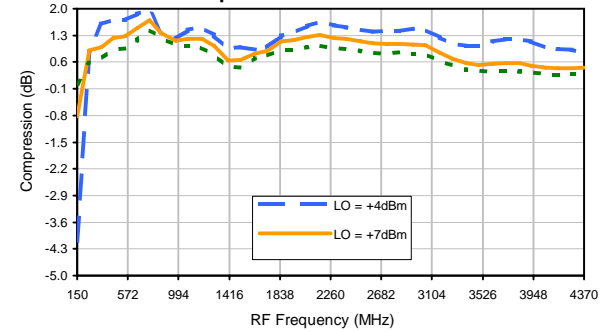
Conversion Loss vs. IF @ RF=4310.1MHz



IP-3 Input

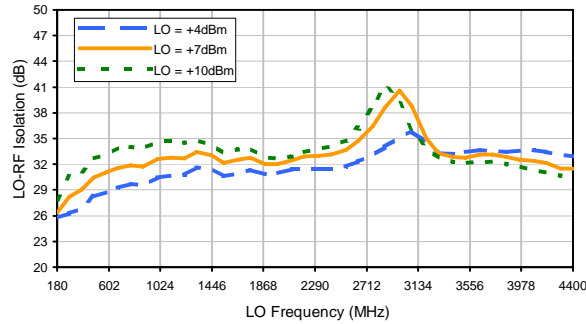


Compression @ RF IN=+1dBm

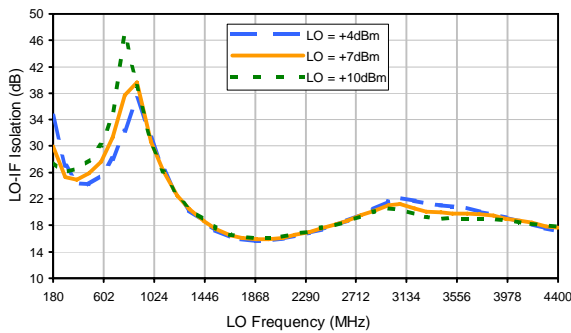


## Typical Performance Curves

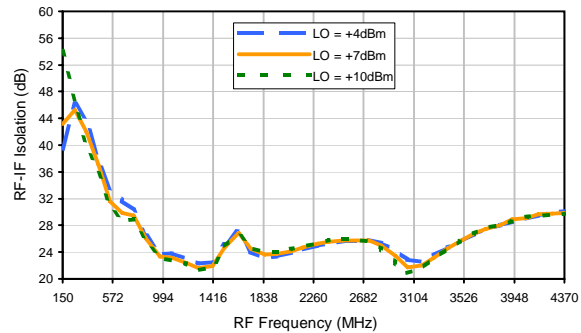
LO-RF Isolation



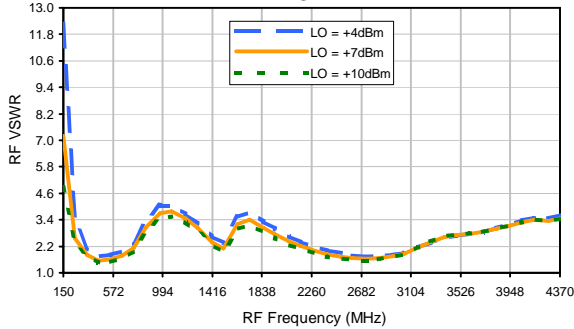
LO-IF Isolation



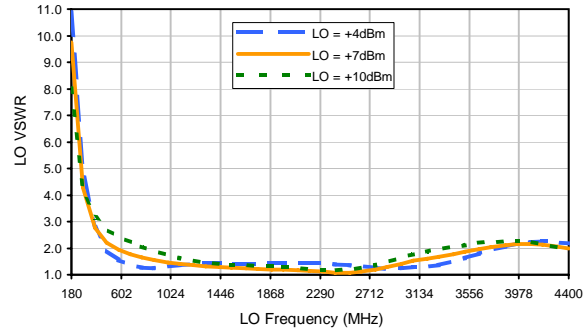
RF-IF Isolation



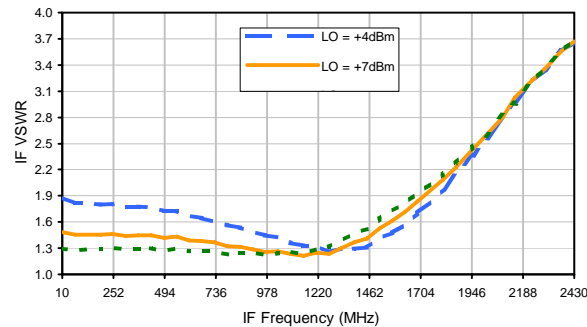
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

RF CAL      Notes: 1. All Harmonics are relative to IF OUTPUT (dBm)  
2. + entry denotes harmonics above IF OUTPUT (dBm)

(-dBm)

0	-	-	+9	31	10	33	28	39	35	49	45	65
1	-	20	+0	37	27	34	36	41	45	52	63	58
2	89	60	65	48	61	64	50	64	60	64	59	68
3	>90	>70	68	>70	53	>70	69	65	69	>70	>70	>70
4	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
5	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
6	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
7	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
8	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
9	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
10	>90	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70	>70
		0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions:      RF IN: 2300 MHz; -14.00 dBm.  
LO IN: 2330 MHz; +7.00 dBm  
IF OUT: 30 MHz; -19.82 dBm

RF HARMONICS ORDER

RF CAL      Notes: 1. All Harmonics are relative to IF OUTPUT (dBm)  
2. + entry denotes harmonics above IF OUTPUT (dBm)

(-dBm)

0	-	-	1	42	21	45	41	56	51	66	57	80
1	-	20	+0	39	27	38	39	47	55	62	77	78
2	68	52	55	42	54	59	46	62	58	63	62	74
3	>90	48	48	71	34	58	53	50	55	59	65	71
4	>90	76	75	70	74	57	70	68	61	69	73	73
5	>90	>80	74	71	70	>80	52	73	67	63	67	69
6	>90	>80	>80	>80	>80	>80	>80	70	>80	77	76	79
7	>90	>80	>80	>80	>80	>80	>80	>80	66	>80	80	74
8	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
9	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	79	>80
10	>90	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
		0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions:      RF IN: 2300 MHz; -4.00 dBm.  
LO IN: 2330 MHz; +7.00 dBm  
IF OUT: 30 MHz; -9.8 dBm