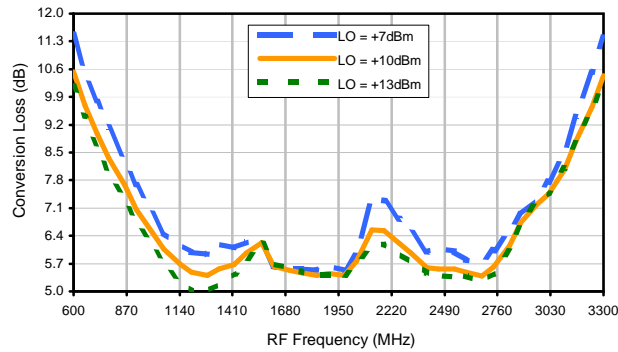
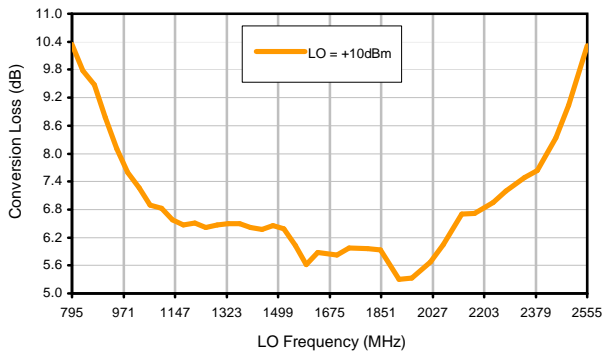


## Typical Performance Curves

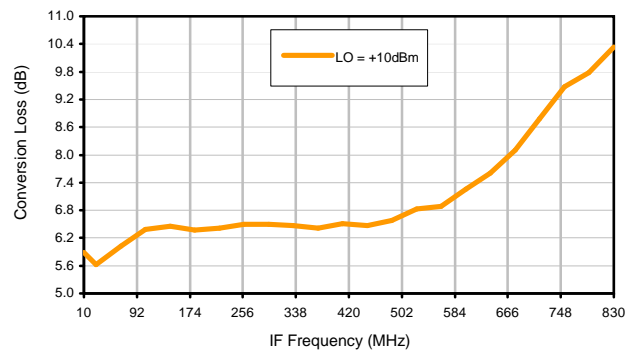
Conversion Loss @ IF=30MHz



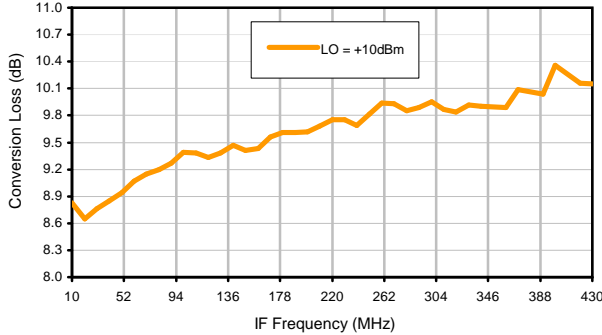
Conversion Loss vs. LO @ RF=1625MHz



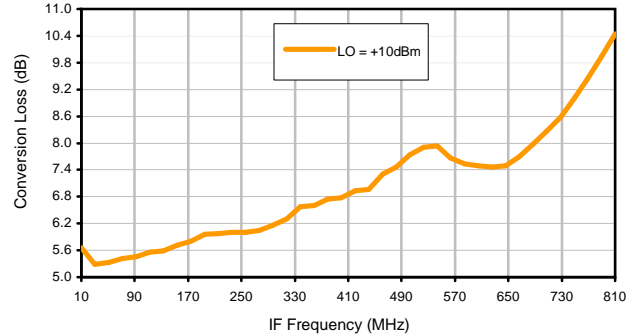
Conversion Loss vs. IF @ RF=1625MHz



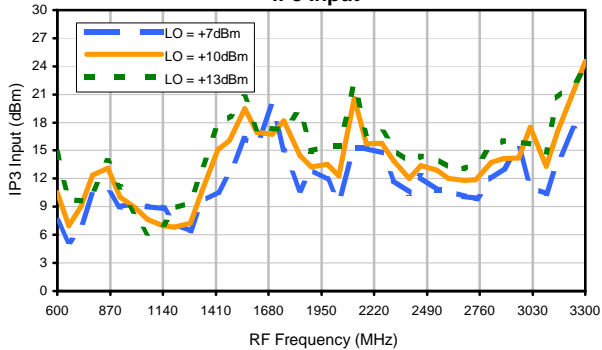
Conversion Loss vs. IF @ RF=739.9MHz



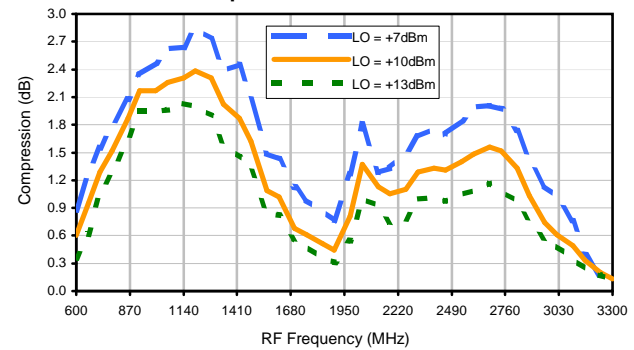
Conversion Loss vs. IF @ RF=2510.1MHz



IP3 Input

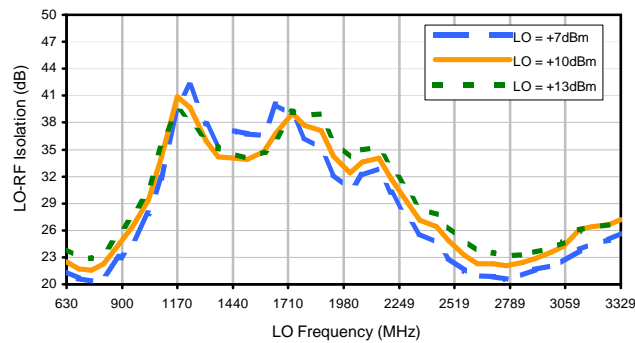


Compression @ RF IN=+5dBm

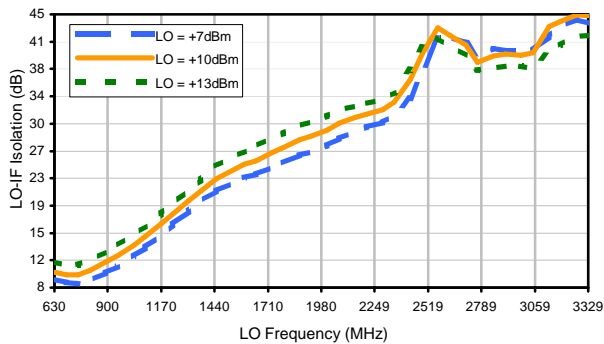


## Typical Performance Curves

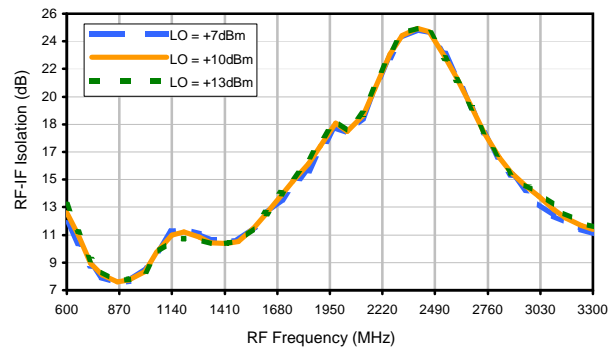
LO-RF Isolation



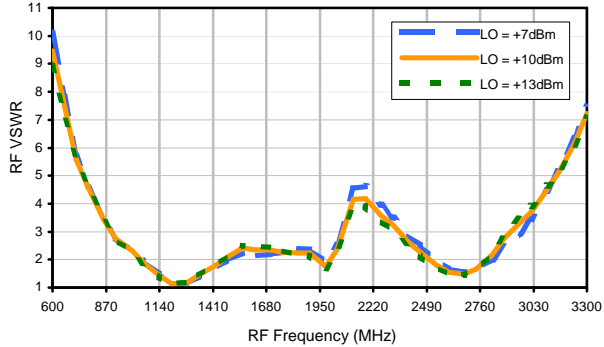
LO-IF Isolation



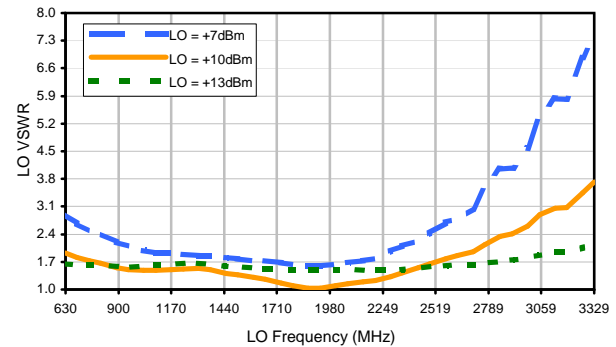
RF-IF Isolation



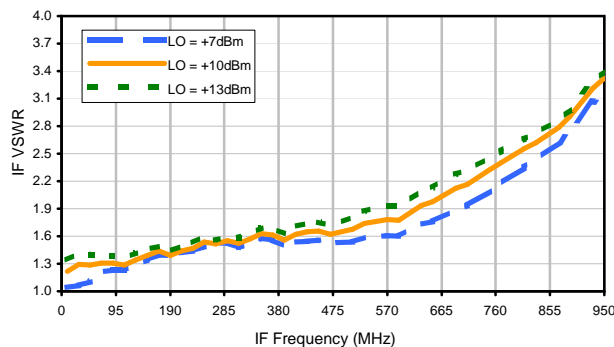
RF VSWR



LO VSWR



IF VSWR



## Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+0	16	19	28	27	26	20	54	42	59
1	-	7	+0	31	33	32	25	27	25	46	64	68
2	77	60	56	47	61	59	50	58	53	46	49	73
3	>90	67	>74	>74	62	73	>74	71	60	64	57	>74
4	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	71
5	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
6	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
7	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
8	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
9	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
10	>90	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74	>74
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 1625 MHz; -10.00 dBm.  
 LO IN: 1655 MHz; +10.00 dBm  
 IF OUT: 30 MHz; -15.67 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	10	27	32	36	38	31	35	67	55	56
1	-	7	+0	31	33	35	27	29	29	51	75	70
2	57	51	45	39	55	50	44	55	46	59	45	77
3	>90	43	54	59	36	57	58	51	45	47	45	62
4	>90	60	65	67	72	52	71	65	55	64	69	56
5	>90	67	64	>84	79	>84	57	70	74	67	58	59
6	>90	68	81	76	>84	83	>84	66	81	81	68	70
7	>90	>84	73	>84	78	78	>84	>84	71	79	>84	>84
8	>90	>84	78	75	83	83	>84	>84	>84	78	>84	>84
9	>90	>84	>84	>84	83	>84	>84	82	>84	>84	77	>84
10	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

### LO HARMONICS ORDER

Test conditions: RF IN: 1625 MHz; 0.00 dBm.  
 LO IN: 1655 MHz; +10.00 dBm  
 IF OUT: 30 MHz; -5.86 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.

