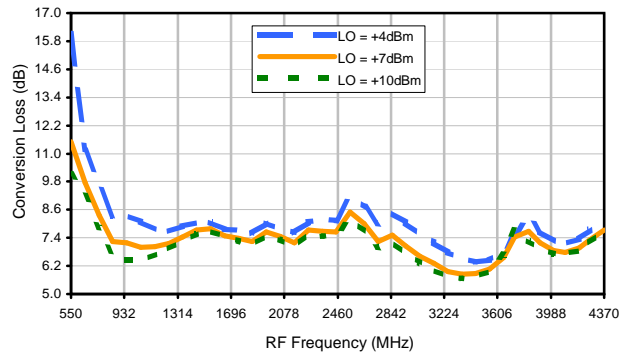
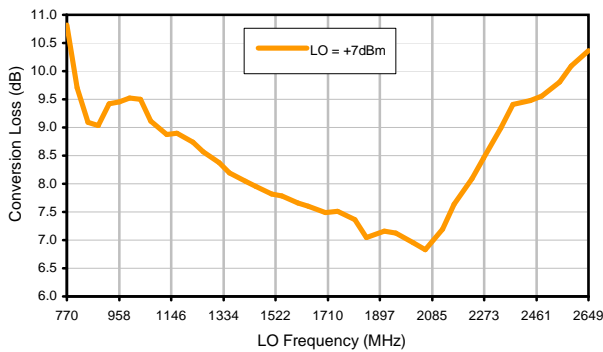


Typical Performance Curves

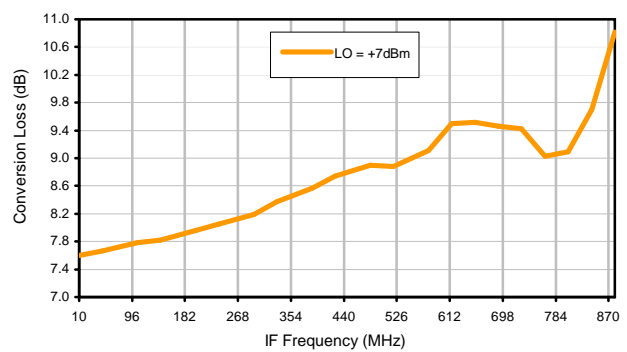
Conversion Loss @ IF=30MHz



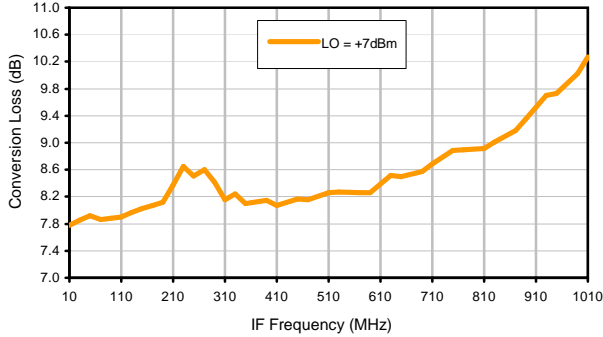
Conversion Loss vs. LO @ RF=1650MHz



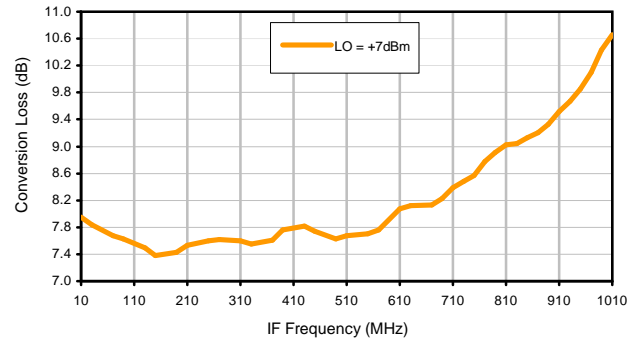
Conversion Loss vs. IF @ RF=1650MHz



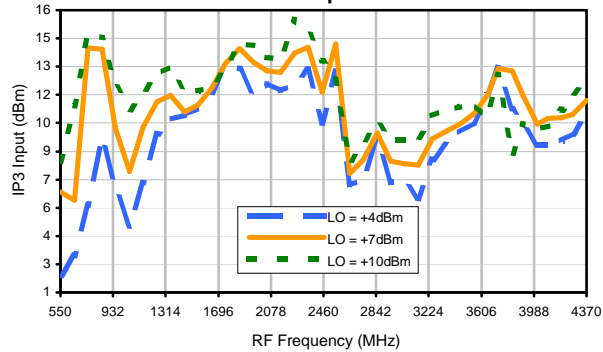
Conversion Loss vs. IF @ RF=789.9MHz



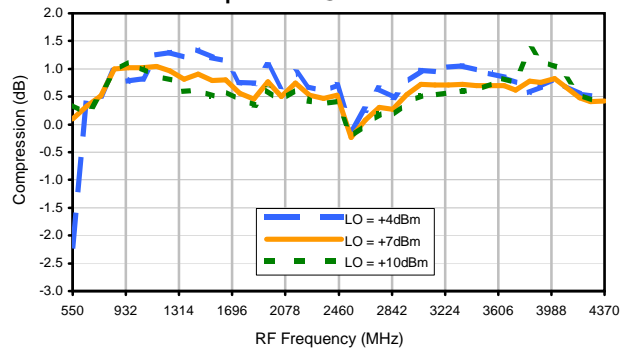
Conversion Loss vs. IF @ RF=2510.1MHz



IP3 Input

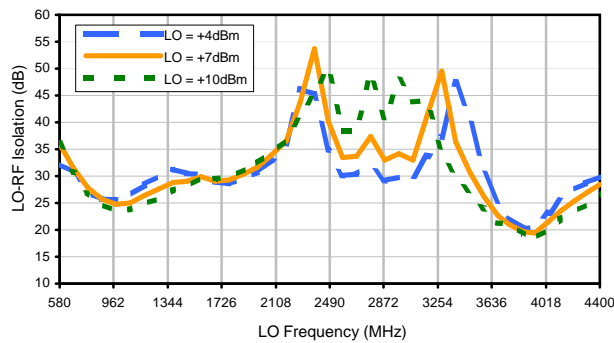


Compression @ RF IN=+1dBm

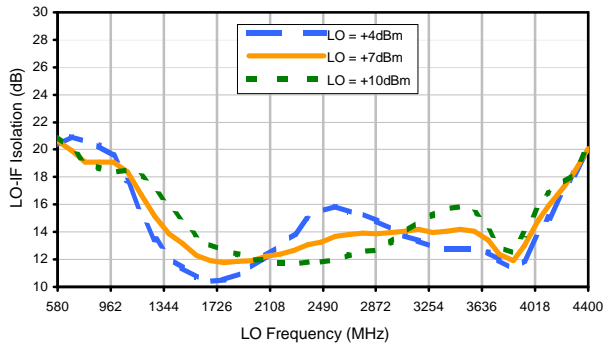


Typical Performance Curves

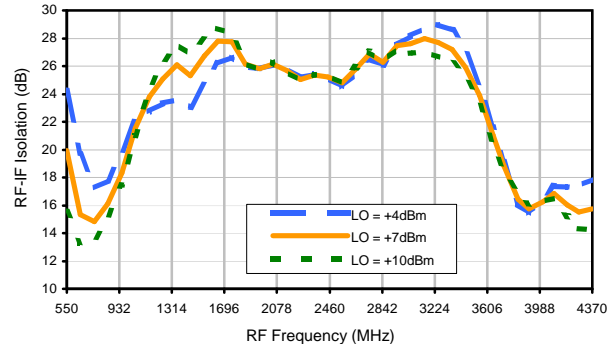
LO-RF Isolation



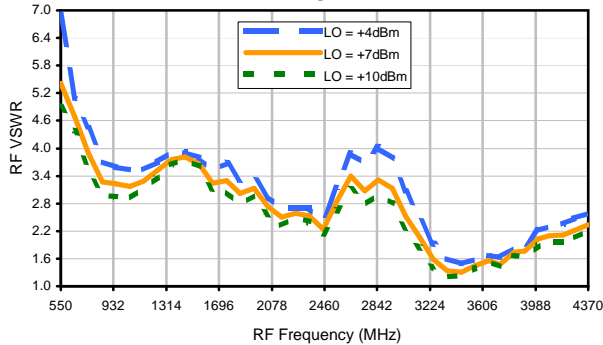
LO-IF Isolation



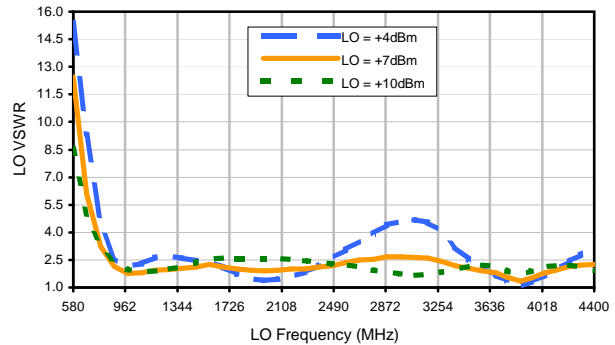
RF-IF Isolation



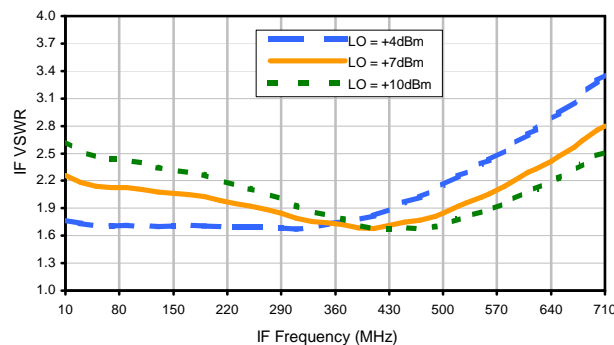
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+17	47	18	33	11	36	20	45	33	57
1	-	21	+0	27	34	20	38	42	49	47	55	57
2	85	48	46	58	50	68	63	50	57	65	54	60
3	>90	58	>69	62	60	65	>69	62	>69	>69	>69	>69
4	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
5	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
6	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
7	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
8	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
9	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
10	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1650 MHz; -14.00 dBm.
 LO IN: 1680 MHz; +7.00 dBm
 IF OUT: 30 MHz; -21.5 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	+7	45	27	33	23	47	34	52	59	67
1	-	21	+0	27	34	23	40	42	53	60	65	55
2	65	39	36	47	39	67	51	51	50	63	52	64
3	>90	41	61	46	40	50	64	45	59	63	65	60
4	>90	57	64	61	64	61	64	67	66	54	>78	72
5	>90	69	75	54	>78	62	65	68	77	75	75	68
6	>90	>78	>78	71	78	>78	75	74	72	>78	74	68
7	>90	>78	>78	>78	>78	73	>78	>78	70	>78	>78	>78
8	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
9	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
10	>90	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78	>78
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1650 MHz; -4.00 dBm.
 LO IN: 1680 MHz; +7.00 dBm
 IF OUT: 30 MHz; -11.61 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.