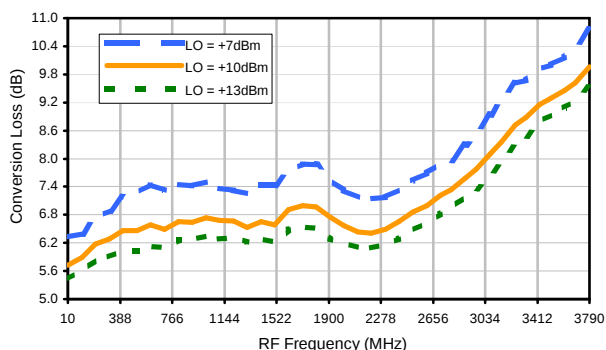
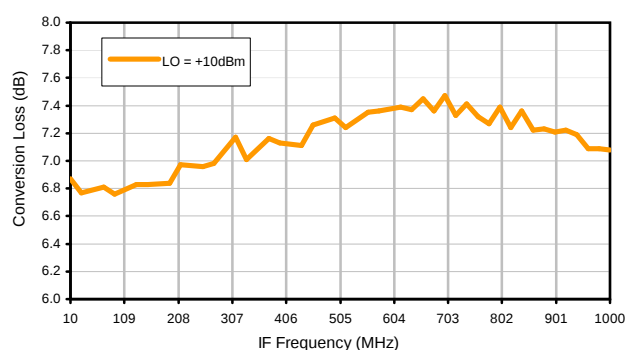


Typical Performance Curves

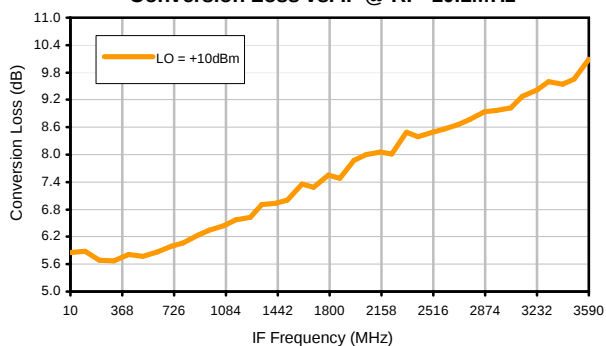
Conversion Loss @ IF=30MHz



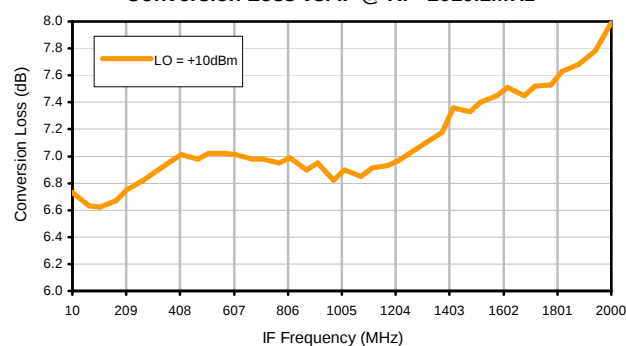
Conversion Loss vs. IF @ RF=1010.1MHz



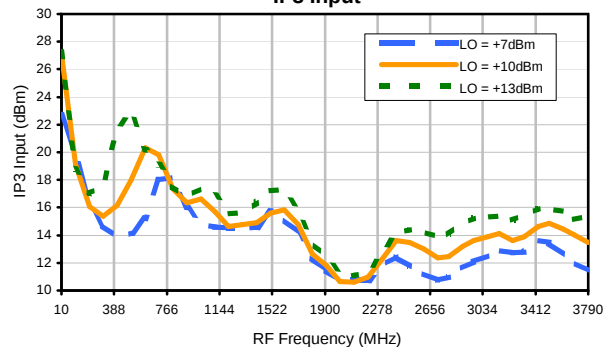
Conversion Loss vs. IF @ RF=10.1MHz



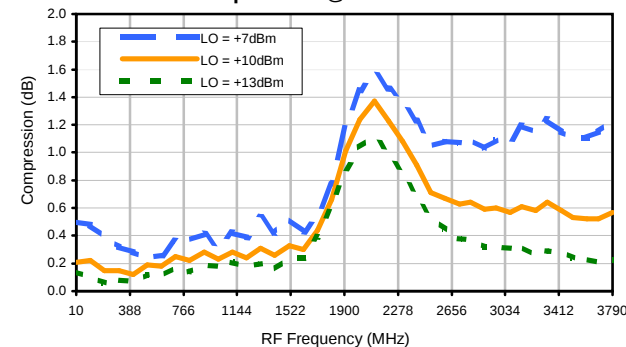
Conversion Loss vs. IF @ RF=2010.1MHz



IP3 Input

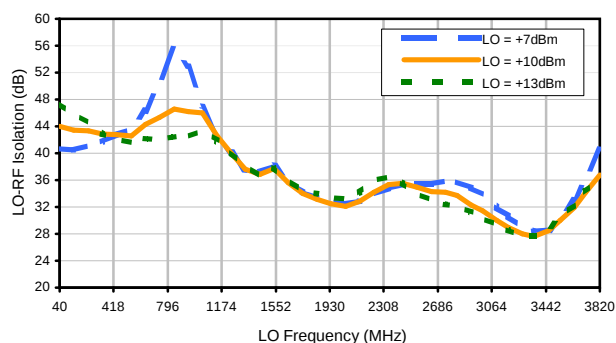


Compression @ RF IN=+5dBm

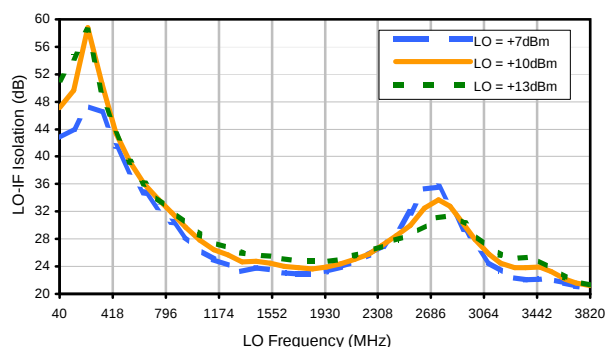


Typical Performance Curves

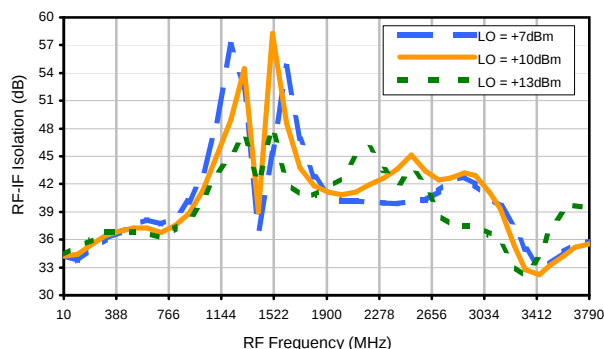
LO-RF Isolation



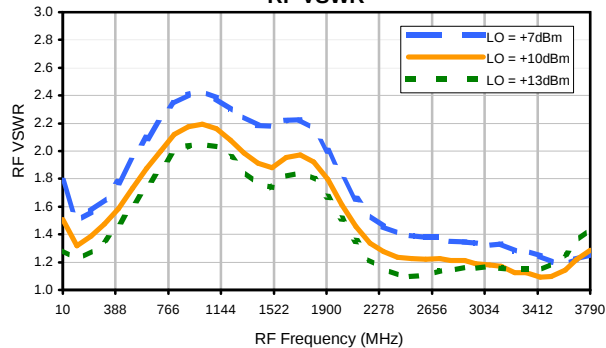
LO-IF Isolation



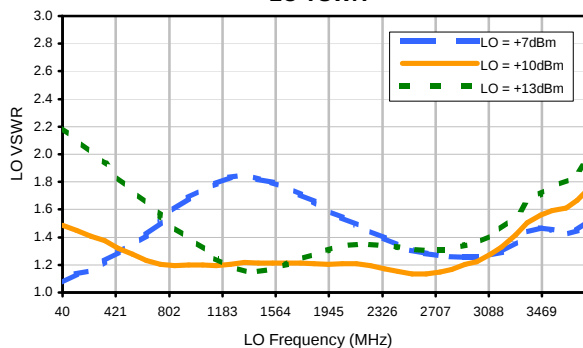
RF-IF Isolation



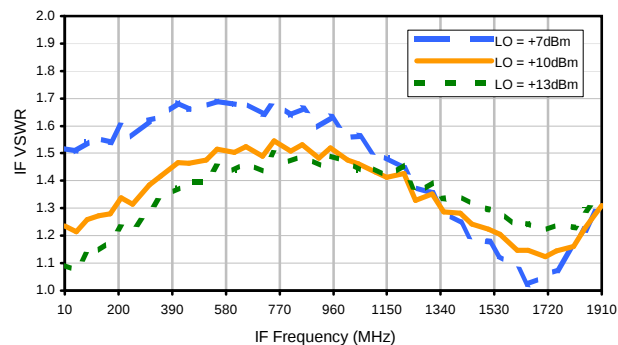
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	2	22	12	31	23	39	34	52	42	51
1	-	36	+0	51	18	58	32	41	53	52	48	62
2	78	65	56	58	58	67	50	>73	61	68	69	>73
3	>90	>73	59	>73	59	>73	59	73	>73	>73	69	>73
4	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
5	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
6	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
7	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
8	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
9	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
10	>90	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73	>73
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1005 MHz; -10.00 dBm.
LO IN: 1035 MHz; +10.00 dBm
IF OUT: 30 MHz; -16.67 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	13	33	24	43	35	51	45	61	55	63
1	-	36	+0	50	17	51	33	44	52	59	58	76
2	59	54	48	50	52	57	43	58	53	68	61	74
3	>90	55	41	61	42	62	41	59	52	61	58	71
4	>90	74	64	70	70	69	76	76	61	72	79	70
5	>90	81	67	79	61	81	59	74	60	69	66	77
6	>90	>83	>83	>83	80	82	83	78	>83	78	80	81
7	>90	>83	>83	>83	76	>83	83	>83	77	>83	75	82
8	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
9	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
10	>90	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83	>83
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 1005 MHz; 0.00 dBm.
LO IN: 1035 MHz; +10.00 dBm
IF OUT: 30 MHz; -6.73 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.