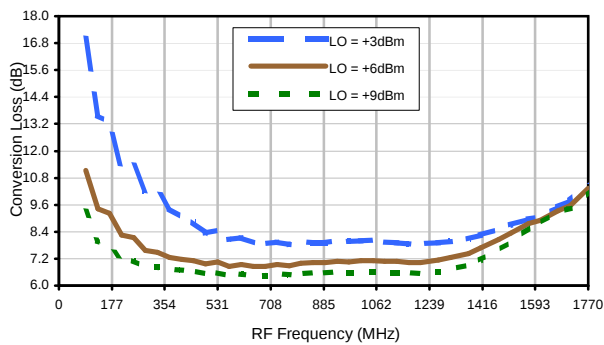
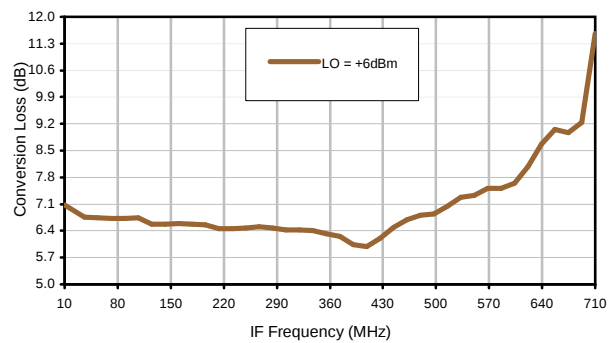


Typical Performance Curves

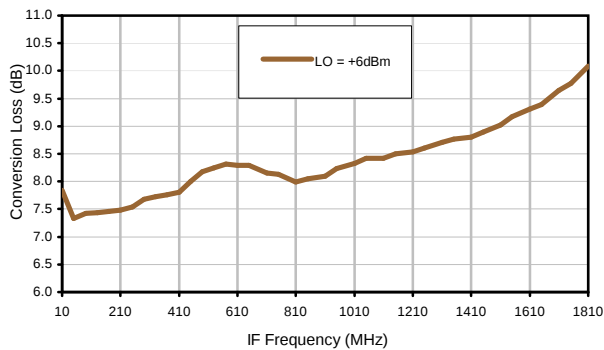
Conversion Loss @ IF=94MHz



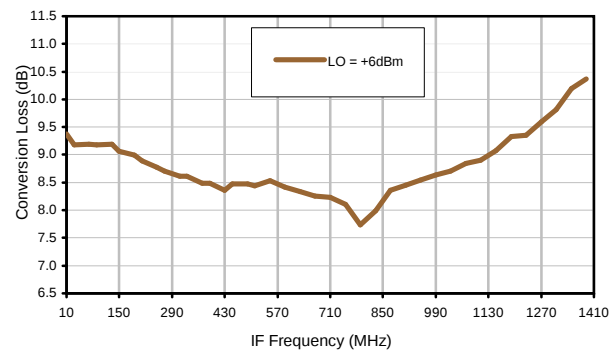
Conversion Loss vs. IF @ RF=810.1MHz



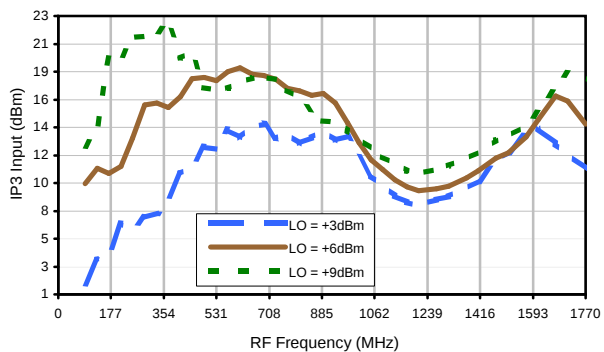
Conversion Loss vs. IF @ RF=339.9MHz



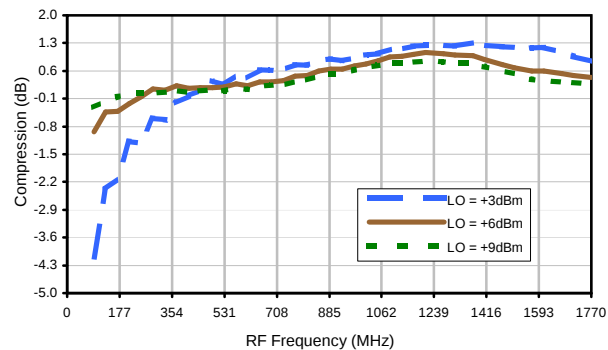
Conversion Loss vs. IF @ RF=1610.1MHz



IP3 Input

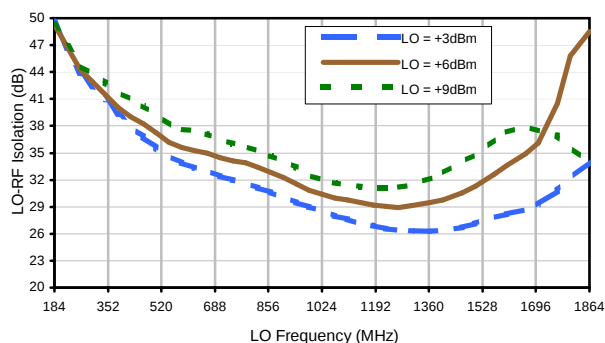


Compression @ RF IN=+3dBm

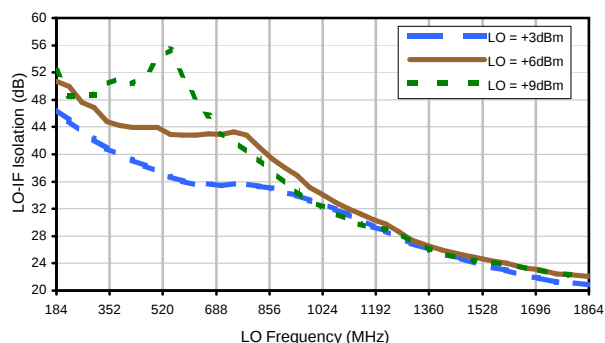


Typical Performance Curves

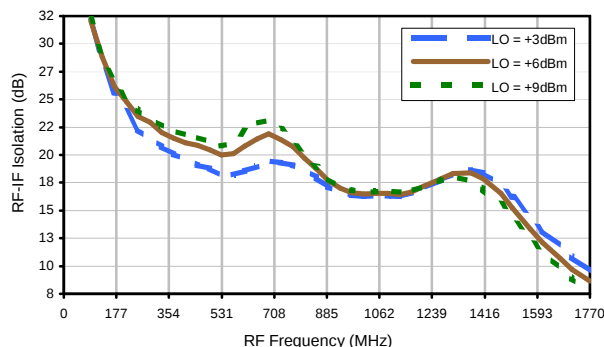
LO-RF Isolation



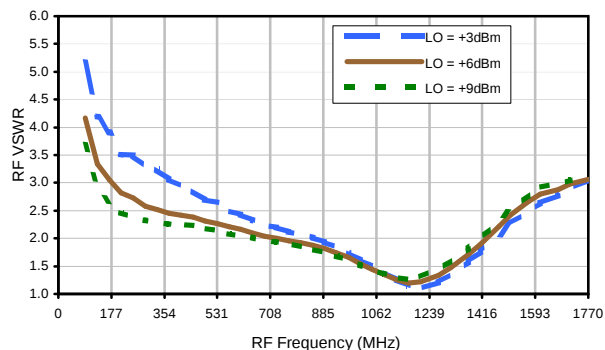
LO-IF Isolation



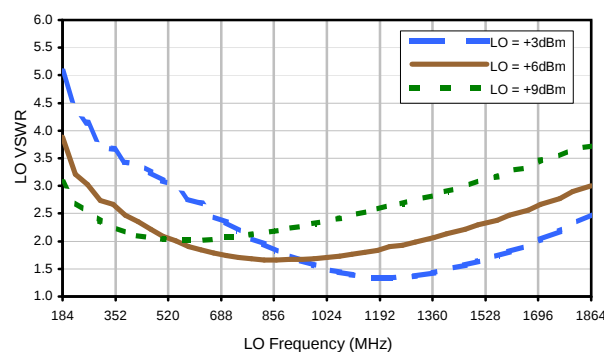
RF-IF Isolation



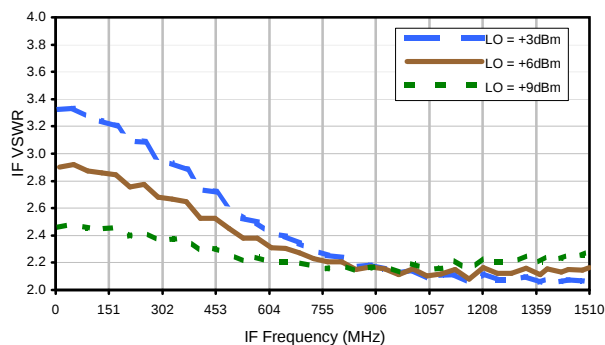
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER	(-dBm)											
	(-dBc)											
0	-	-	8	16	25	28	20	31	31	35	29	37
1	-	9	+0	22	14	38	60	35	42	48	42	54
2	85	60	45	53	41	70	62	61	57	55	>71	64
3	>90	69	>71	56	60	58	66	>71	>71	>71	67	>71
4	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
5	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
6	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
7	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
8	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
9	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
10	>90	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71	>71
RF CAL 0 1 2 3 4 5 6 7 8 9 10												

LO HARMONICS ORDER

Test conditions: RF IN: 975 MHz; -12.00 dBm.
LO IN: 1069 MHz; +6.00 dBm
IF OUT: 94 MHz; -19.13 dBm

RF HARMONICS ORDER	(-dBm)											
	(-dBc)											
0	-	-	19	27	37	39	35	48	41	54	45	57
1	-	9	+0	23	15	43	66	41	51	55	51	59
2	64	49	38	42	32	53	55	57	50	55	58	62
3	>90	50	58	37	39	40	46	54	60	56	54	64
4	>90	73	>81	60	52	58	54	62	69	59	66	60
5	>90	60	75	71	57	61	53	64	60	71	63	72
6	>90	>81	80	>81	81	70	64	69	63	75	80	70
7	>90	>81	>81	80	>81	>81	68	69	68	71	77	81
8	>90	>81	>81	>81	>81	>81	>81	>81	74	>81	76	>81
9	>90	>81	>81	>81	>81	>81	>81	>81	81	>81	79	>81
10	>90	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81	>81
RF CAL 0 1 2 3 4 5 6 7 8 9 10												

LO HARMONICS ORDER

Test conditions: RF IN: 975 MHz; -2.00 dBm.
LO IN: 1069 MHz; +6.00 dBm
IF OUT: 94 MHz; -8.98 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.