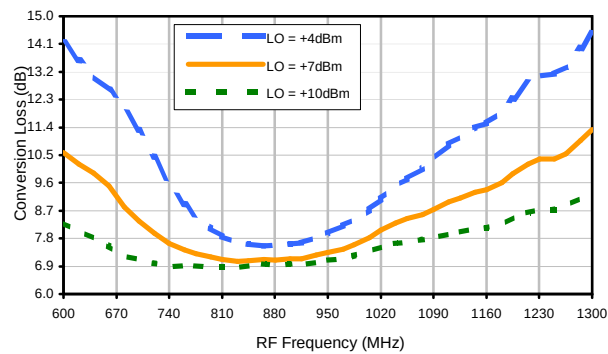
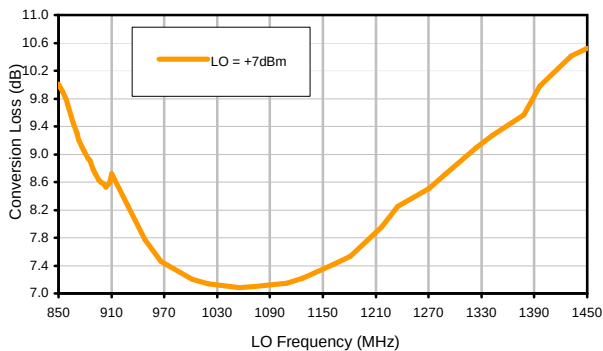


Typical Performance Curves

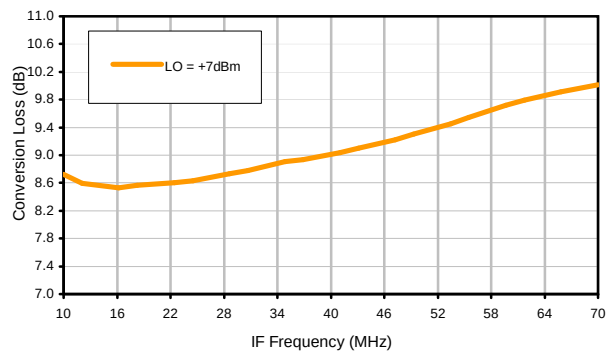
Conversion Loss @ IF=199MHz



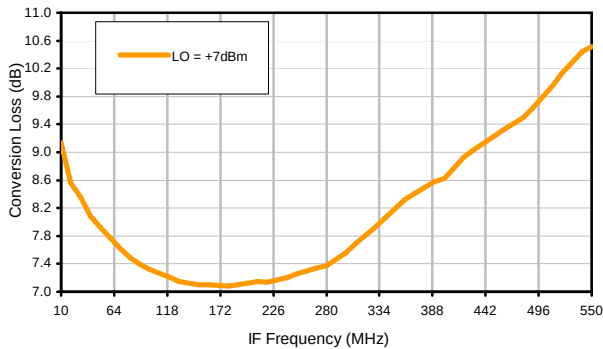
Conversion Loss vs. LO @ RF=920.1MHz



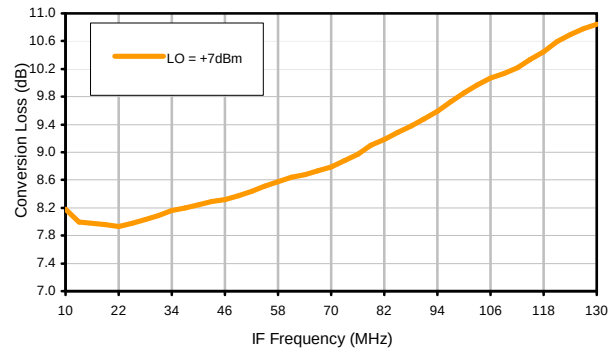
Conversion Loss vs. IF @ RF=920.1MHz



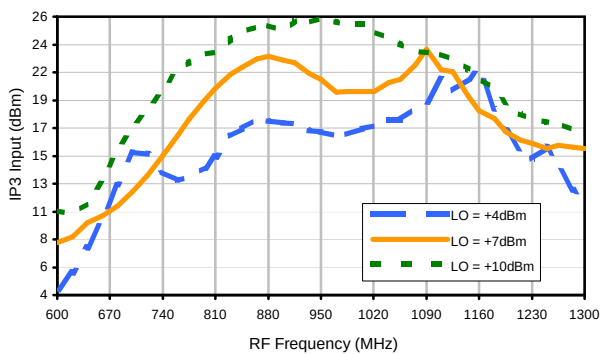
Conversion Loss vs. IF @ RF=880.1MHz



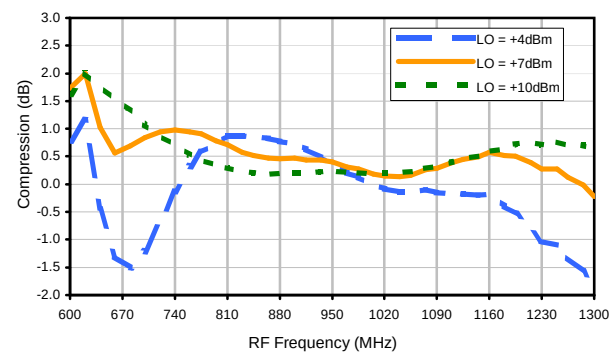
Conversion Loss vs. IF @ RF=960.1MHz



IP3 Input

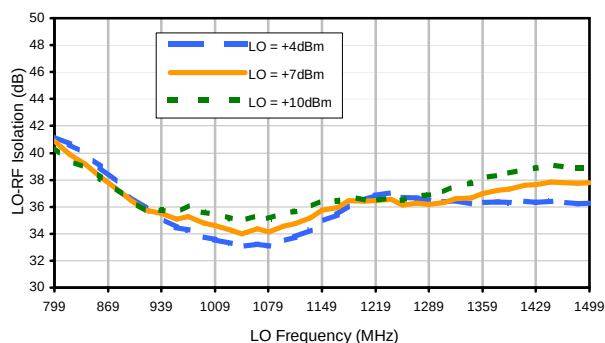


Compression @ RF IN=+10dBm

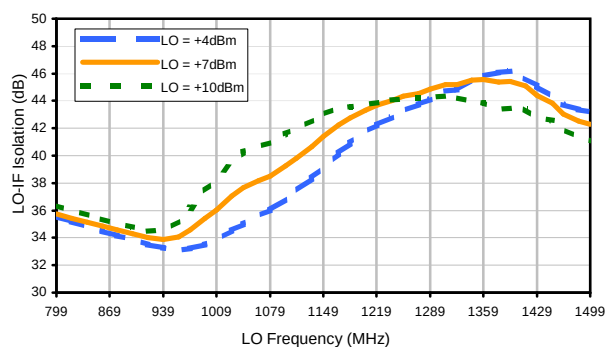


Typical Performance Curves

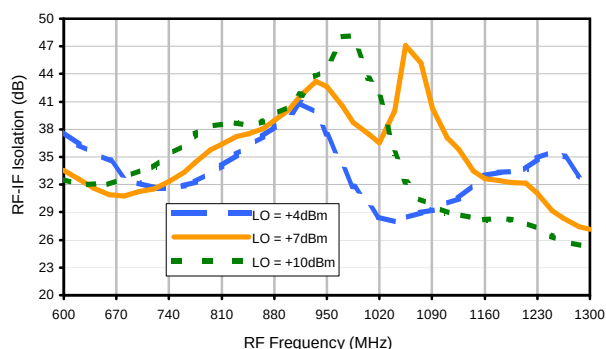
LO-RF Isolation



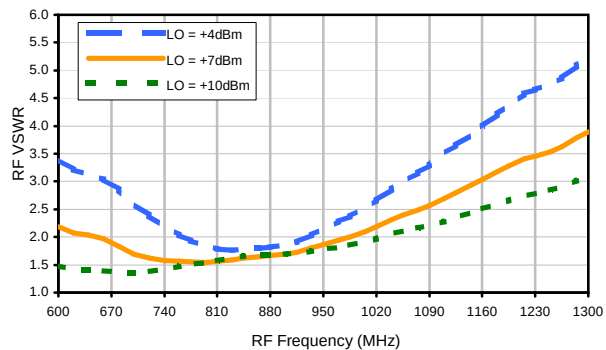
LO-IF Isolation



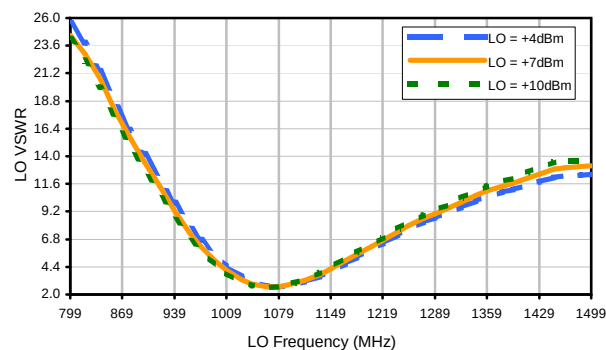
RF-IF Isolation



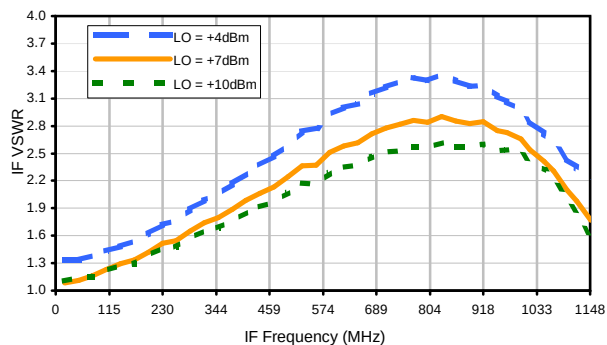
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	21	23	33	36	40	48	43	44	51	46
1	-	34	+0	30	15	37	24	41	32	50	45	58
2	72	40	50	68	59	71	59	57	61	65	59	69
3	>100	69	50	71	49	69	53	65	55	68	65	76
4	>100	84	>88	82	80	85	>88	76	84	87	82	87
5	>100	>88	>88	>88	82	>88	75	>88	78	>88	81	>88
6	>100	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
7	>100	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
8	>100	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
9	>100	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
10	>100	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88	>88
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 920.1 MHz; -5.00 dBm.
LO IN: 1119.1 MHz; +7.00 dBm
IF OUT: 199 MHz; -12.28 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	27	34	36	42	45	57	57	69	58	82
1	-	34	+0	31	15	42	26	45	33	54	47	65
2	52	31	40	59	45	59	54	60	56	64	69	66
3	81	54	32	54	33	51	42	53	43	58	53	70
4	>100	64	66	60	56	75	67	57	70	69	68	77
5	>100	74	64	84	46	65	46	63	52	64	54	67
6	>100	85	86	76	70	75	68	71	84	70	76	80
7	>100	85	78	91	67	84	62	77	58	72	64	71
8	>100	95	>98	90	87	88	85	80	74	79	90	81
9	>100	>98	>98	>98	84	94	79	83	75	86	71	79
10	>100	>98	>98	>98	96	94	>98	>98	84	88	82	96
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 920.1 MHz; 5.00 dBm.
LO IN: 1119.1 MHz; +7.00 dBm
IF OUT: 199 MHz; -2.47 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.