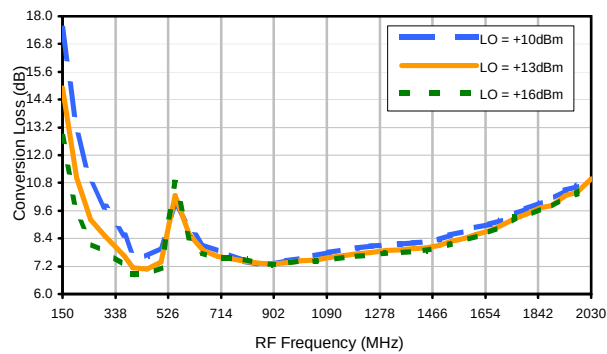
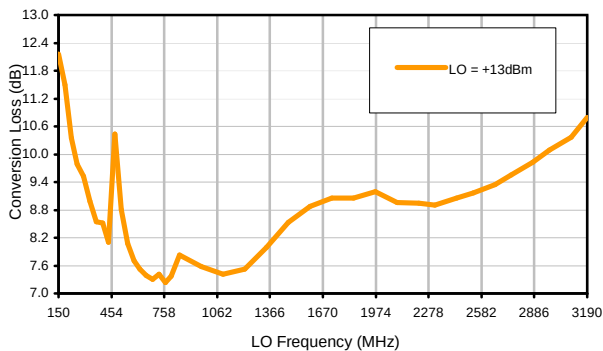


Typical Performance Curves

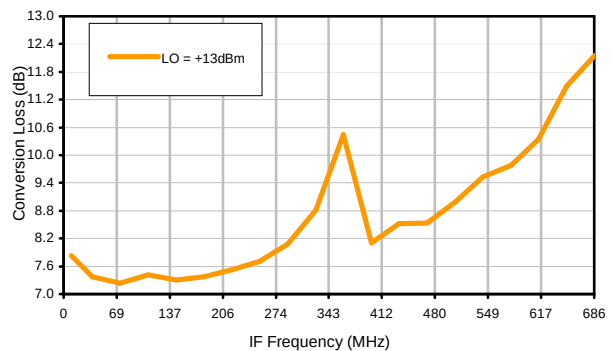
Conversion Loss @ IF=88.5MHz



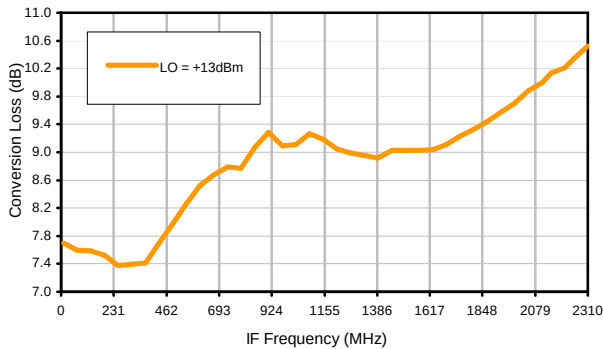
Conversion Loss vs. LO @ RF=836.5MHz



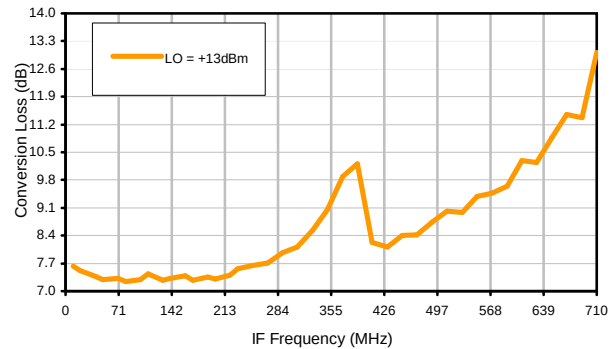
Conversion Loss vs. IF @ RF=836.5MHz



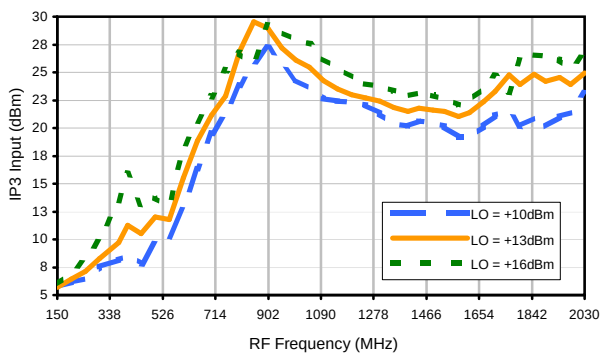
Conversion Loss vs. IF @ RF=824MHz



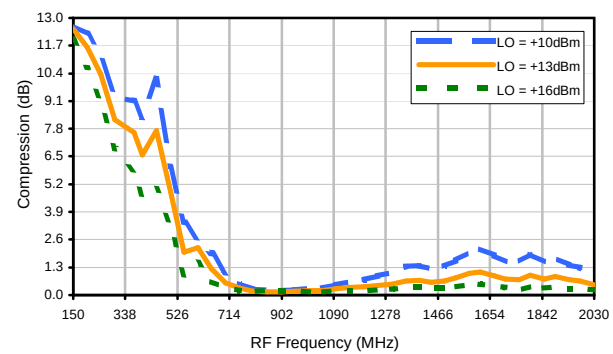
Conversion Loss vs. IF @ RF=849MHz



IP3 Input

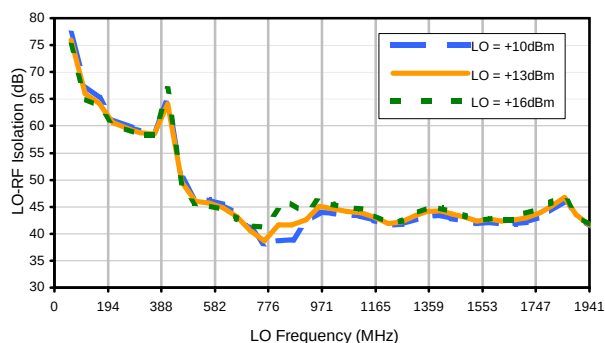


Compression @ RF IN=+15dBm

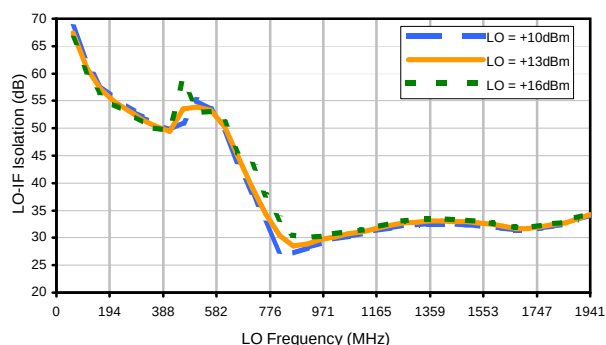


Typical Performance Curves

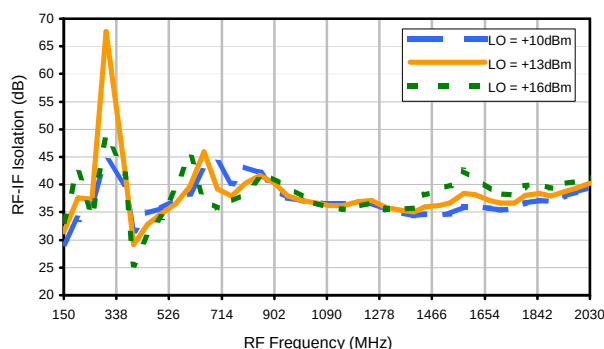
LO-RF Isolation



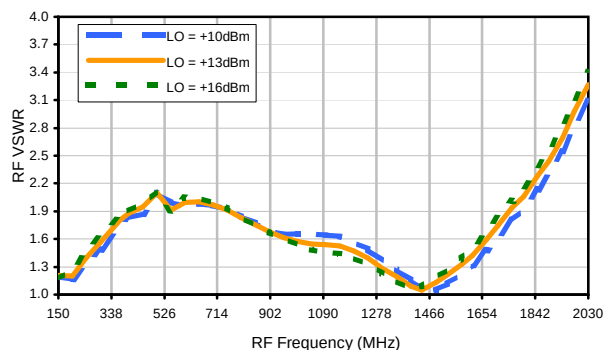
LO-IF Isolation



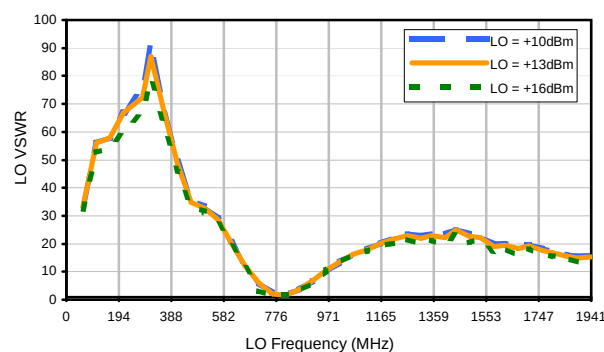
RF-IF Isolation



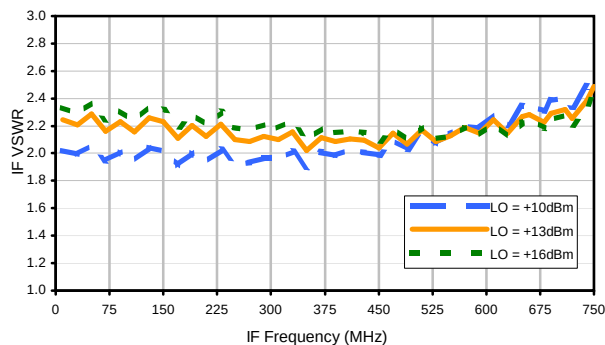
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	14	24	24	27	30	36	37	44	41	48
1	-	32	+0	32	14	37	27	48	45	50	42	49
2	69	67	64	56	57	55	54	58	59	60	59	62
3	>90	68	65	69	70	76	>82	82	73	77	81	75
4	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
5	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
6	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
7	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
8	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
9	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
10	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 836.5 MHz; 0.00 dBm.
LO IN: 748 MHz; +13.00 dBm
IF OUT: 88.5 MHz; -7.82 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	23	33	35	39	45	42	48	46	48	54
1	-	31	+0	31	15	36	28	47	47	49	40	52
2	50	56	55	47	43	45	42	50	47	52	48	56
3	75	60	40	68	42	61	45	61	52	77	58	64
4	>90	66	74	70	70	67	65	66	63	68	66	68
5	>90	71	72	71	68	71	69	73	78	71	>92	74
6	>90	79	87	77	87	72	84	72	89	77	85	78
7	>90	78	78	75	78	76	84	74	81	74	84	76
8	>90	90	>92	83	89	83	91	80	85	81	84	80
9	>90	>92	87	87	86	84	89	87	91	84	91	83
10	>90	>92	>92	>92	>92	>92	>92	>92	>92	88	>92	89
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 836.5 MHz; 10.00 dBm.
LO IN: 748 MHz; +13.00 dBm
IF OUT: 88.5 MHz; 2.12 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.