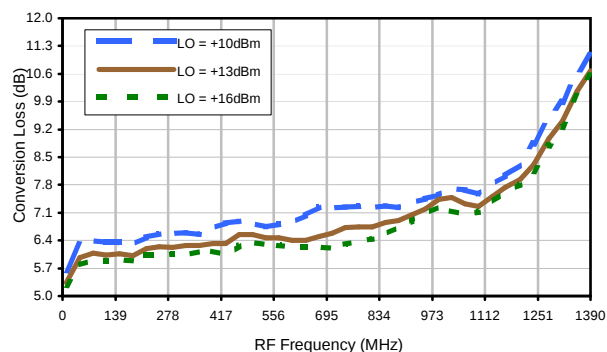
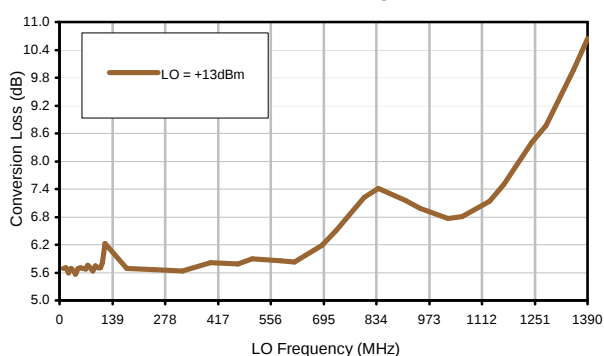


Typical Performance Curves

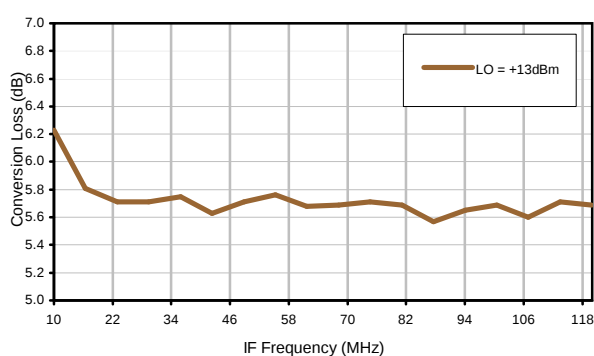
Conversion Loss @ IF=12MHz



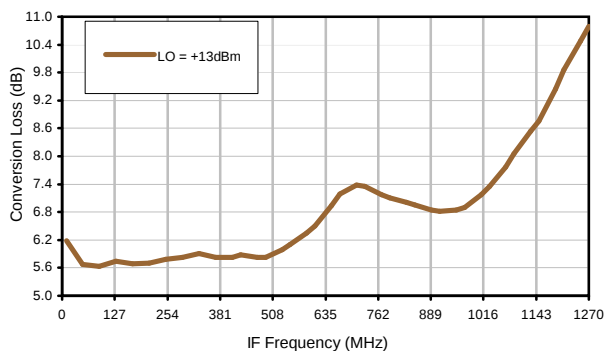
Conversion Loss vs. LO @ RF=130MHz



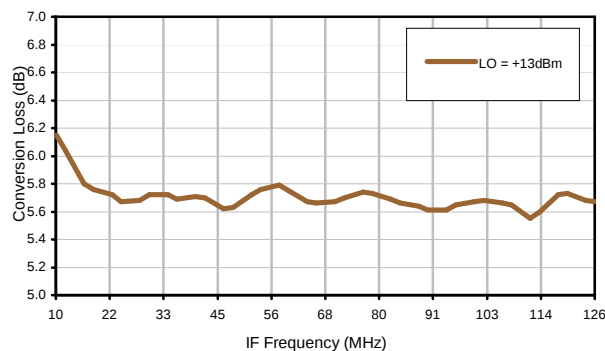
Conversion Loss vs. IF @ RF=130MHz



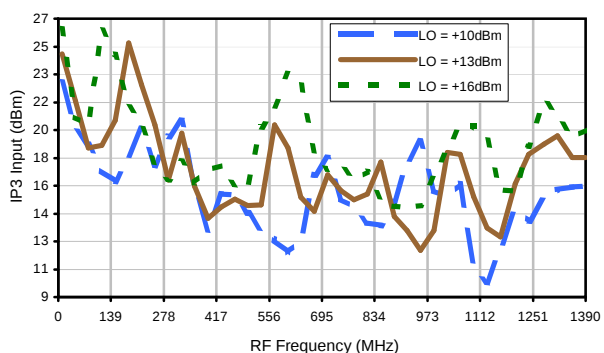
Conversion Loss vs. IF @ RF=124MHz



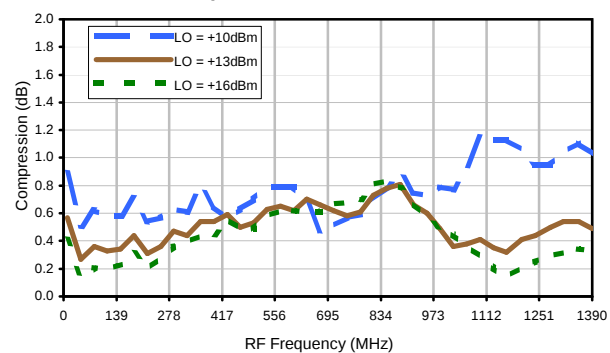
Conversion Loss vs. IF @ RF=136.1MHz



IP3 Input

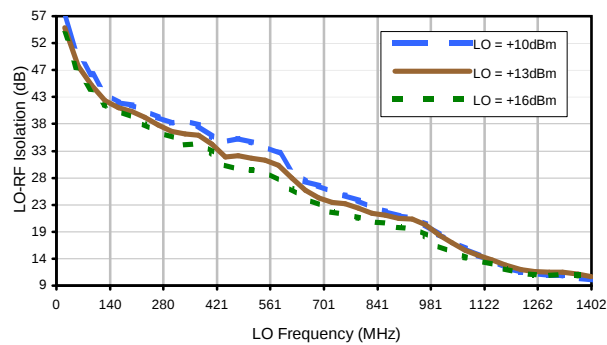


Compression @ RF IN=+7dBm

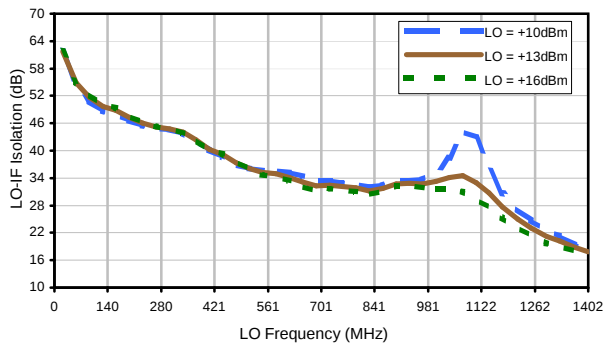


Typical Performance Curves

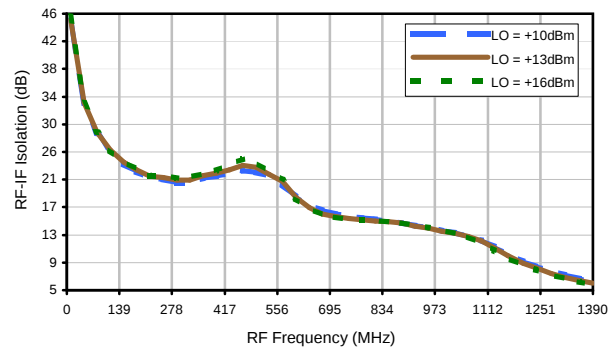
LO-RF Isolation



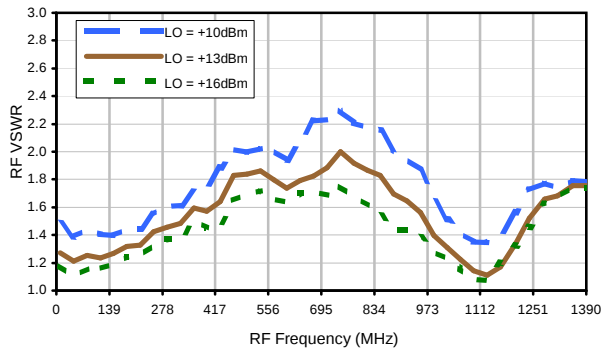
LO-IF Isolation



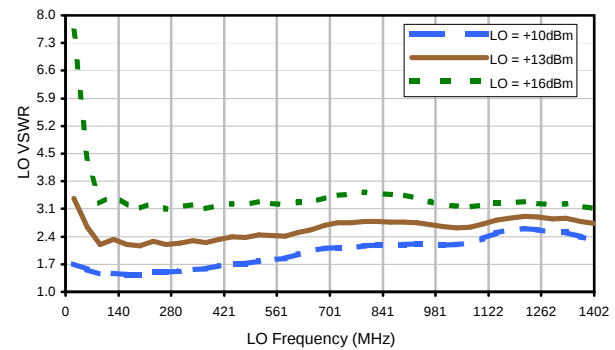
RF-IF Isolation



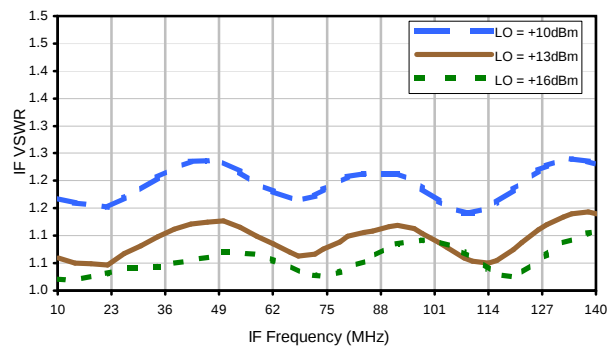
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	23	35	30	58	33	48	42	51	40	52
1	-	19	+0	32	11	38	17	41	27	48	35	45
2	62	69	54	61	53	68	54	66	45	61	47	60
3	>90	49	48	51	49	52	49	49	56	50	47	55
4	>90	72	71	75	70	67	75	80	71	79	69	70
5	>90	74	71	67	60	68	56	63	53	63	52	59
6	>90	74	85	73	>86	73	77	80	74	83	73	>86
7	>90	67	73	68	70	68	69	67	67	68	67	71
8	>90	71	77	73	>86	73	83	75	79	76	74	>86
9	>90	51	62	51	59	52	63	53	64	56	70	60
10	>90	66	70	61	70	69	79	71	82	75	69	75
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 130 MHz; 2.00 dBm.
LO IN: 140 MHz; +13.00 dBm
IF OUT: 10 MHz; -4.17 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	14	26	19	43	21	36	26	36	22	42
1	-	19	+0	30	11	34	17	37	28	42	42	39
2	82	69	60	65	60	67	57	67	53	63	52	65
3	>90	67	73	70	63	>76	57	72	54	65	53	65
4	>90	>76	>76	>76	75	>76	>76	>76	>76	>76	>76	>76
5	>90	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76
6	>90	>76	>76	>76	>76	73	>76	72	>76	>76	>76	>76
7	>90	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76
8	>90	>76	>76	>76	>76	>76	>76	>76	72	>76	72	>76
9	>90	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76	>76
10	>90	>76	>76	>76	>76	>76	>76	>76	>76	>76	73	>76
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 130 MHz; -8.00 dBm.
LO IN: 140 MHz; +13.00 dBm
IF OUT: 10 MHz; -14.09 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.