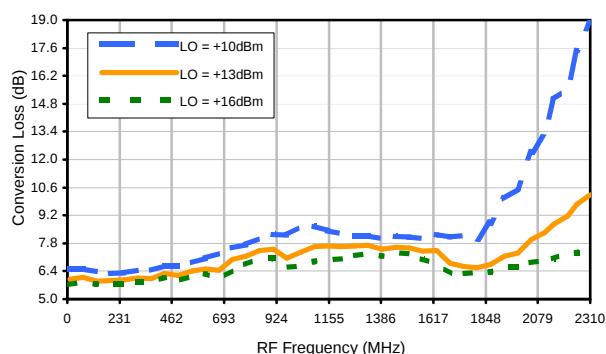
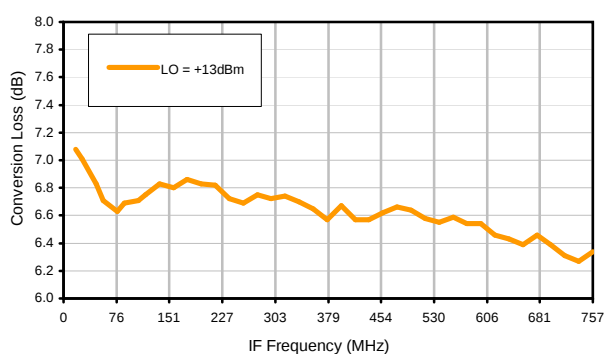


Typical Performance Curves

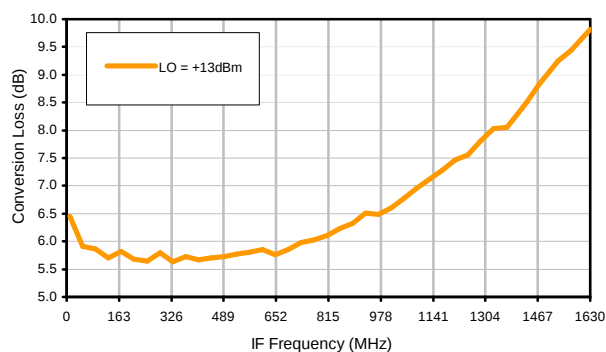
Conversion Loss @ IF=30MHz



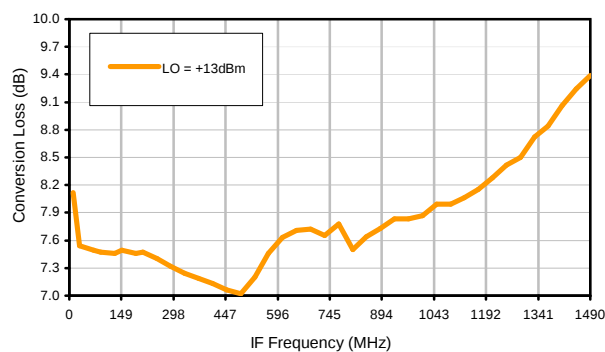
Conversion Loss vs. IF @ RF=767MHz



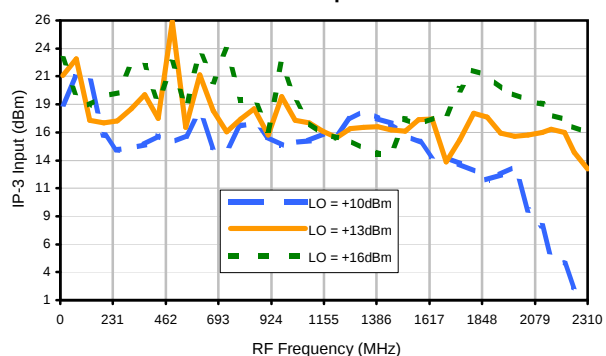
Conversion Loss vs. IF @ RF=10MHz



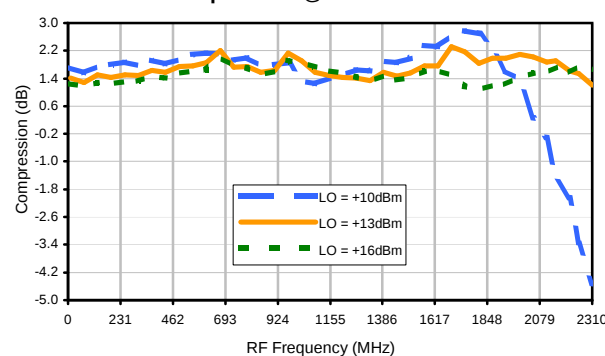
Conversion Loss vs. IF @ RF=1510.1MHz



IP3 Input

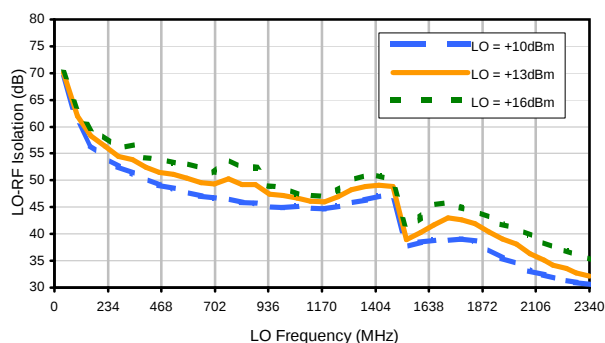


Compression @ RF IN=+9dBm

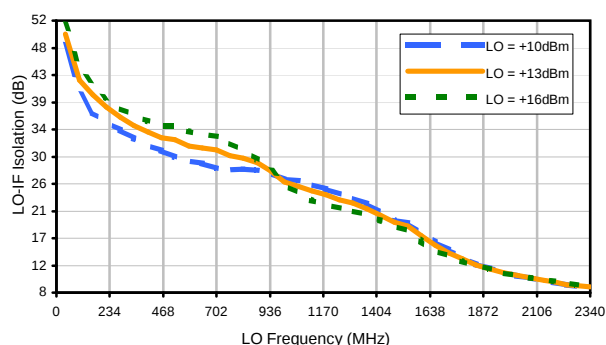


Typical Performance Curves

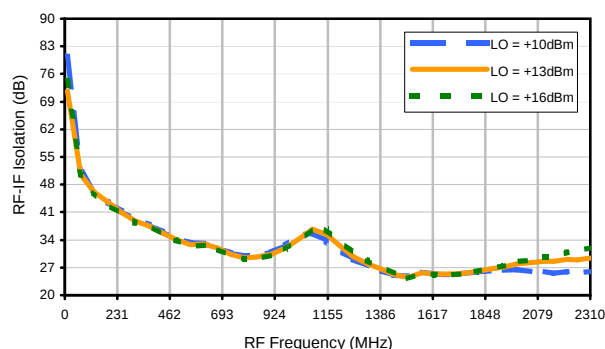
LO-RF Isolation



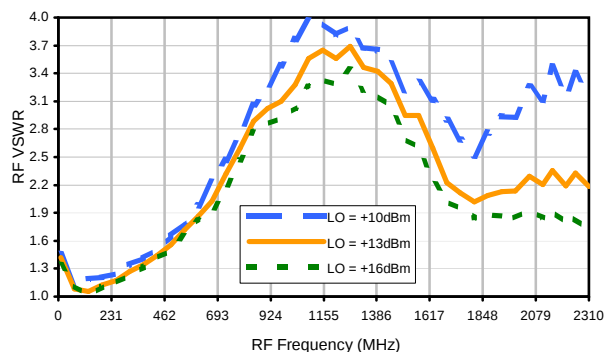
LO-IF Isolation



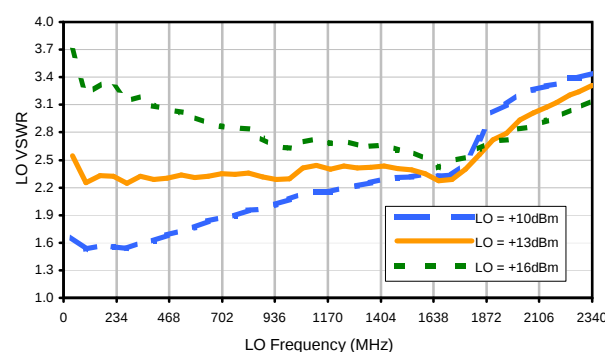
RF-IF Isolation



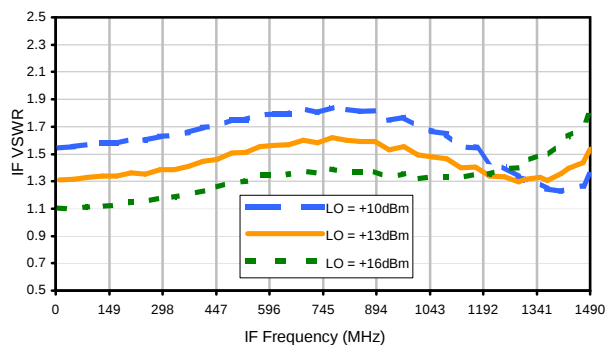
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

(-dBm)												
0	-	-	4	34	12	45	23	62	38	>77	43	69
1	-	23	+0	36	19	37	42	45	45	58	60	62
2	75	69	43	61	41	60	55	74	49	>77	73	>77
3	89	71	57	73	51	72	52	74	61	76	68	>77
4	>90	>77	>77	>77	76	>77	>77	>77	>77	>77	>77	>77
5	>90	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77
6	>90	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77
7	>90	>77	>77	>77	>77	>77	>77	75	>77	>77	>77	>77
8	>90	>77	>77	>77	>77	>77	>77	>77	74	>77	77	>77
9	>90	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77
10	>90	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77	>77
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 760 MHz; -6.00 dBm.
LO IN: 790 MHz; +13.00 dBm
IF OUT: 30 MHz; -13.19 dBm

RF HARMONICS ORDER

(-dBm)												
0	-	-	14	43	24	58	35	79	52	>87	56	87
1	-	23	+0	38	18	45	45	49	54	71	66	71
2	54	57	36	57	35	60	44	69	49	72	70	>87
3	84	46	38	56	40	57	40	53	49	67	59	71
4	>90	>87	62	63	48	61	49	65	73	79	60	84
5	>90	69	62	64	49	68	45	71	49	86	57	72
6	>90	>87	75	82	76	75	59	76	55	77	71	82
7	>90	>87	74	>87	73	73	60	73	59	84	63	76
8	>90	>87	>87	>87	82	>87	82	80	62	83	65	77
9	>90	>87	>87	>87	>87	>87	>87	>87	69	>87	65	83
10	>90	>87	>87	>87	>87	>87	>87	>87	81	80	71	85
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 760 MHz; 4.00 dBm.
LO IN: 790 MHz; +13.00 dBm
IF OUT: 30 MHz; -3.01 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



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RF/IF MICROWAVE COMPONENTS



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