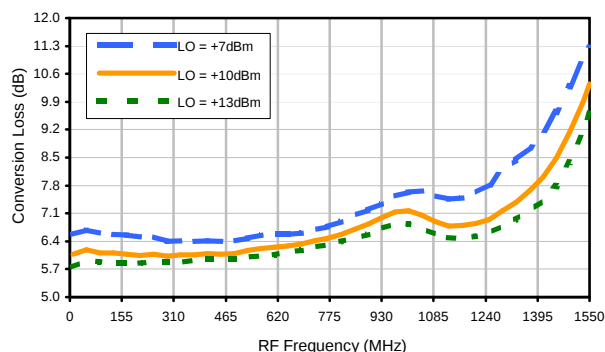
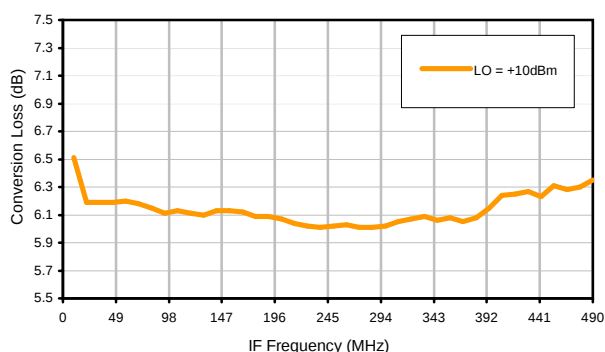


Typical Performance Curves

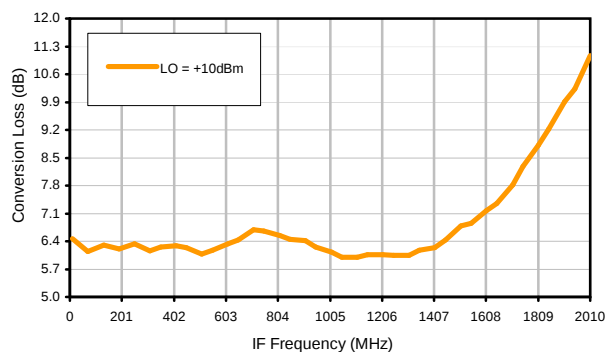
Conversion Loss @ IF=30MHz



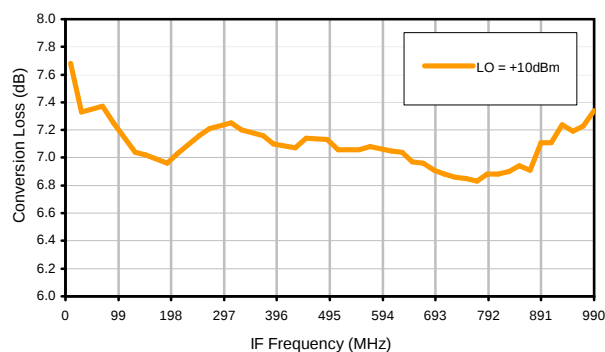
Conversion Loss vs. IF @ RF=510.1MHz



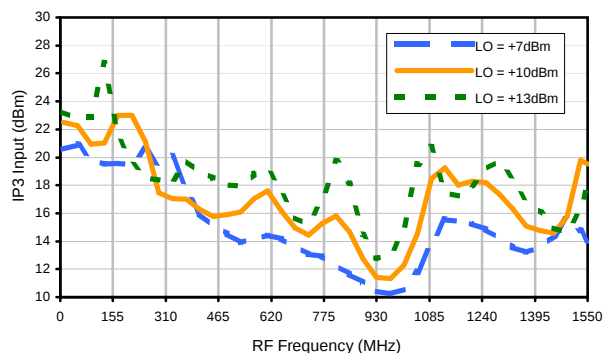
Conversion Loss vs. IF @ RF=39.9MHz



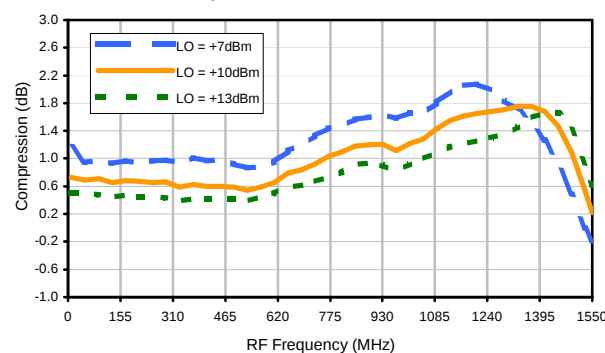
Conversion Loss vs. IF @ RF=1010.1MHz



IP3 Input

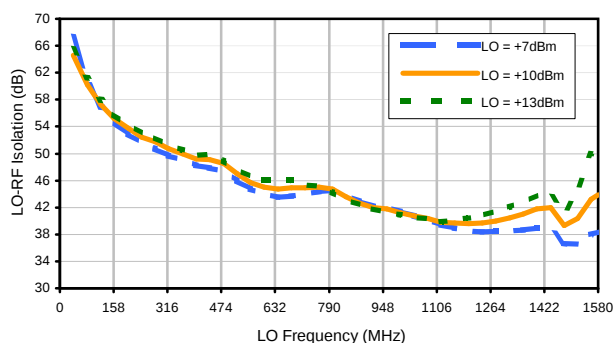


Compression @ RF IN=+5dBm

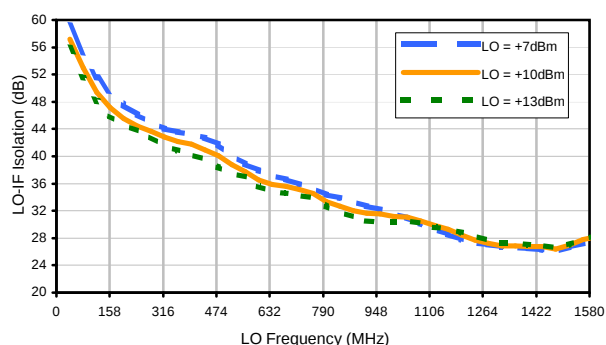


Typical Performance Curves

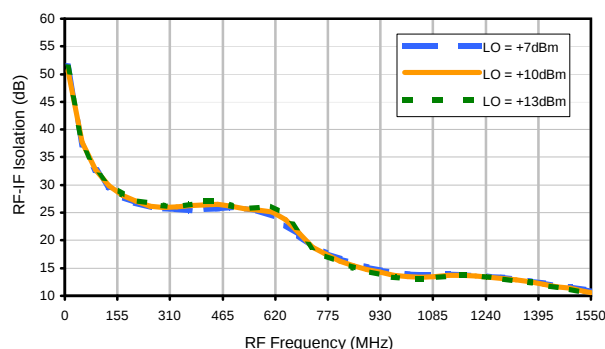
LO-RF Isolation



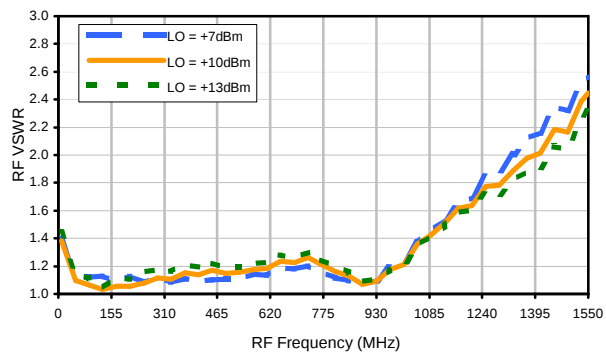
LO-IF Isolation



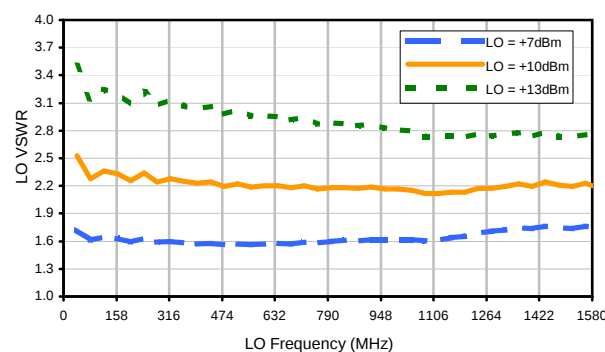
RF-IF Isolation



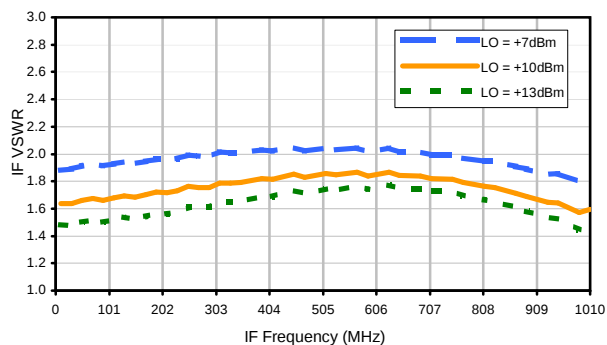
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

(-dBm)												
0	-	-	14	26	16	34	30	37	42	31	39	51
1	-	20	+0	27	12	30	21	36	50	31	39	37
2	84	73	54	> 74	55	> 74	53	66	70	> 74	> 74	61
3	> 90	68	55	> 74	54	68	53	73	57	> 74	68	66
4	> 90	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74
5	> 90	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74
6	> 90	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74
7	> 90	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74
8	> 90	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74
9	> 90	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74
10	> 90	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74	> 74
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 525.00 MHz; -10.00 dBm.
LO IN: 555.00 MHz; +10.00 dBm
IF OUT: 30.00 MHz; -16.42 dBm

RF HARMONICS ORDER

(-dBm)												
0	-	-	23	36	28	49	41	48	60	44	66	68
1	-	20	+0	28	12	31	22	39	45	38	49	46
2	64	73	45	74	45	78	45	58	67	69	61	55
3	> 90	52	38	65	41	52	37	61	51	54	56	47
4	> 90	73	68	> 84	69	75	67	77	63	78	71	72
5	> 90	78	60	71	53	72	51	64	48	70	53	69
6	> 90	> 84	> 84	> 84	80	81	73	> 84	70	83	68	83
7	> 90	81	82	> 84	71	80	78	> 84	76	80	68	82
8	> 90	> 84	> 84	> 84	> 84	> 84	> 84	> 84	> 84	> 84	83	> 84
9	> 90	> 84	> 84	> 84	> 84	> 84	> 84	> 84	79	> 84	79	82
10	> 90	> 84	> 84	> 84	> 84	> 84	> 84	> 84	> 84	> 84	> 84	> 84
RF CAL	0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions: RF IN: 525.25 MHz; +.00 dBm.
LO IN: 555.00 MHz; +10.00 dBm
IF OUT: 30.00 MHz; -6.43 dBm

Notes: 1. All Harmonics are in (dBc) relative to IF OUTPUT.
2. + entry denotes harmonics are in (dBc) above IF OUTPUT.



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RF/IF MICROWAVE COMPONENTS

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