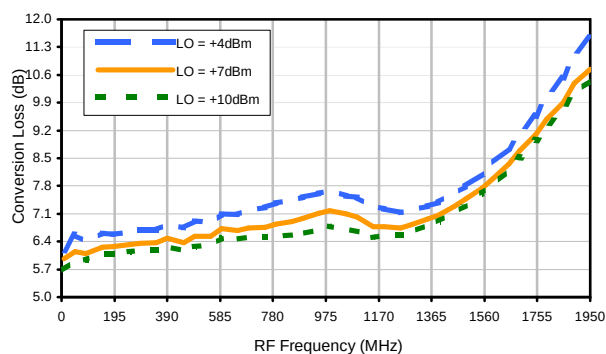
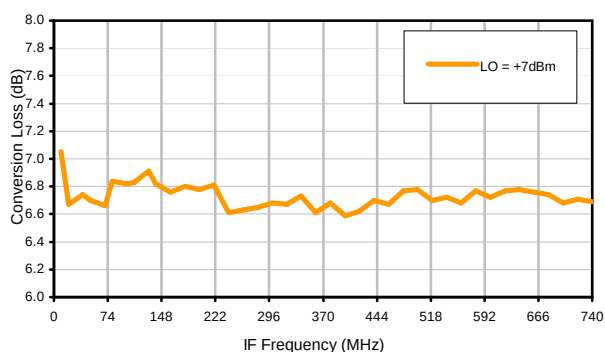


Typical Performance Curves

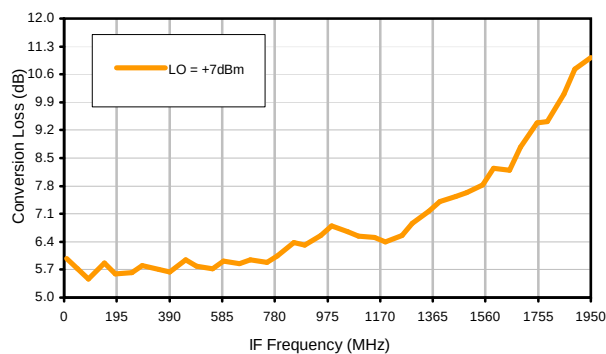
Conversion Loss @ IF=30MHz



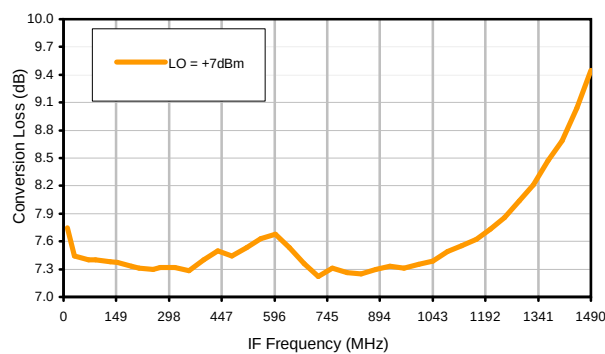
Conversion Loss vs. IF @ RF=750.1MHz



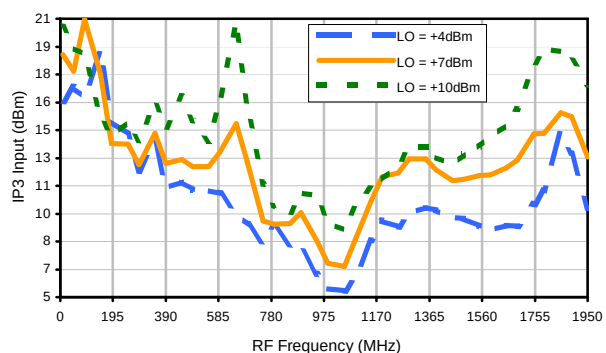
Conversion Loss vs. IF @ RF=10.1MHz



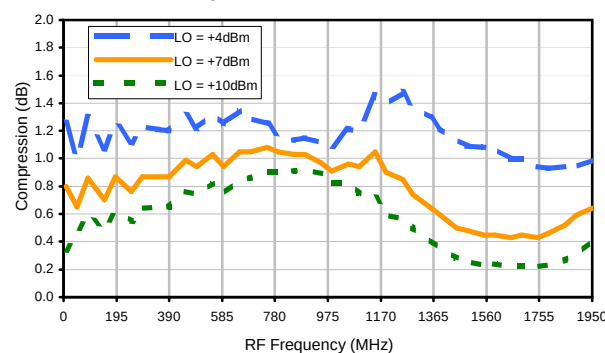
Conversion Loss vs. IF @ RF=1500.1MHz



IP3 Input

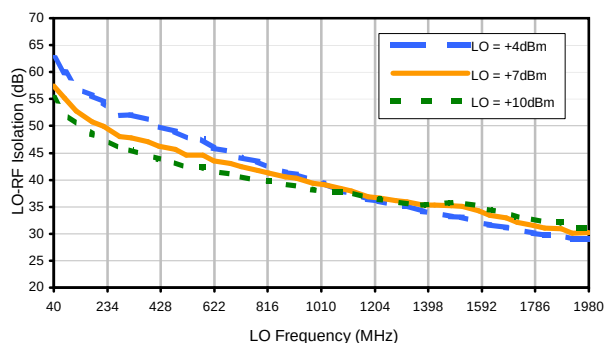


Compression @ RF IN=+1dBm

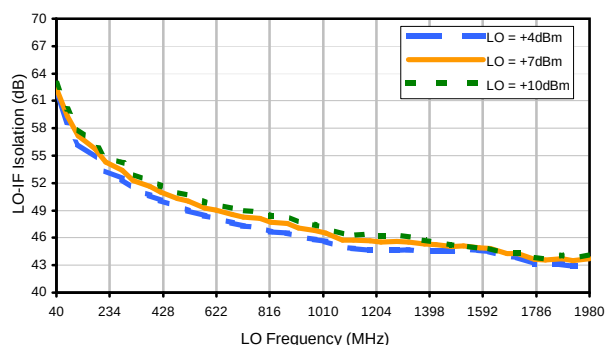


Typical Performance Curves

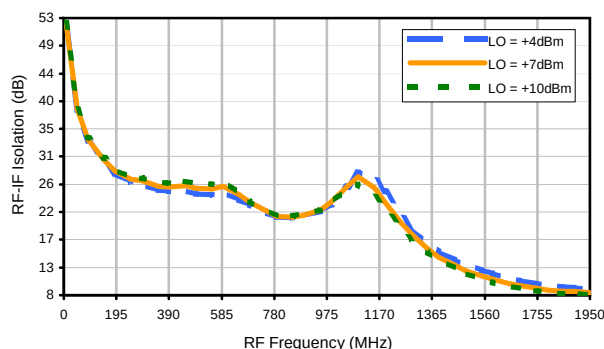
LO-RF Isolation



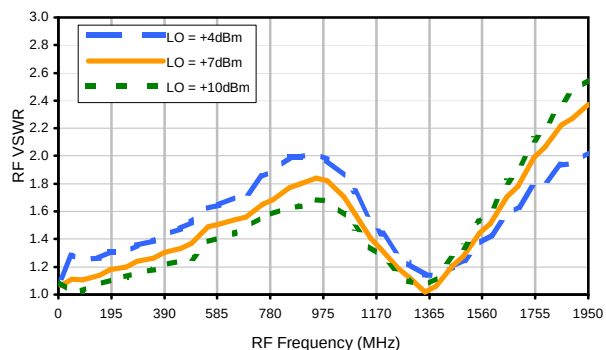
LO-IF Isolation



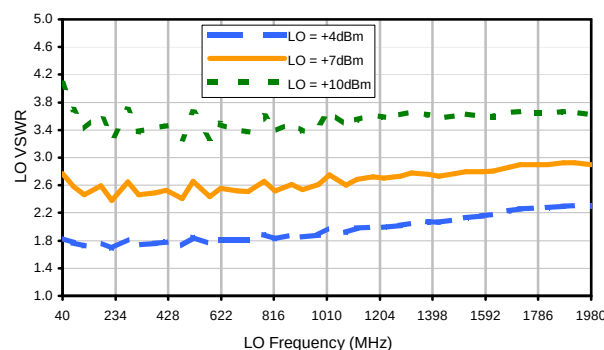
RF-IF Isolation



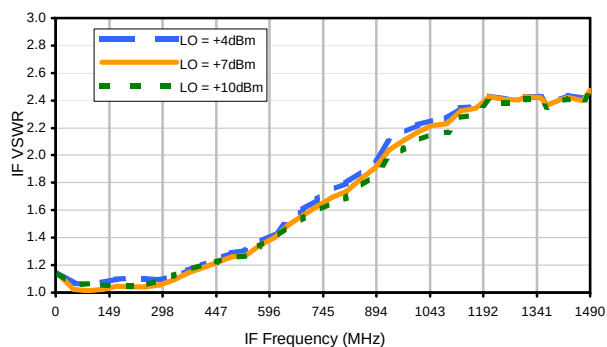
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	17	9	22	27	18	36	30	44	36	48
1	-	15	+0	37	16	29	29	27	43	40	48	41
2	78	54	60	48	61	67	>69	59	48	67	53	66
3	>90	62	60	63	57	68	60	64	67	64	>69	68
4	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
5	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
6	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
7	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
8	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
9	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
10	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 750.1 MHz; -14.00 dBm.
LO IN: 780.1 MHz; +7.00 dBm
IF OUT: 30 MHz; -20.8 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	26	19	31	39	33	53	49	68	56	72
1	-	15	+0	37	16	34	32	33	48	51	62	57
2	58	57	56	48	59	48	56	56	44	60	54	67
3	>90	39	41	44	43	61	57	47	51	46	59	57
4	>90	74	65	55	68	54	66	63	>79	66	57	72
5	>90	72	76	75	56	63	52	64	55	63	64	63
6	>90	>79	>79	>79	71	70	>79	68	>79	69	79	71
7	>90	>79	>79	>79	>79	75	72	>79	68	>79	69	75
8	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
9	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
10	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions: RF IN: 750.1 MHz; -4.00 dBm.
LO IN: 780.1 MHz; +7.00 dBm
IF OUT: 30 MHz; -10.82 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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