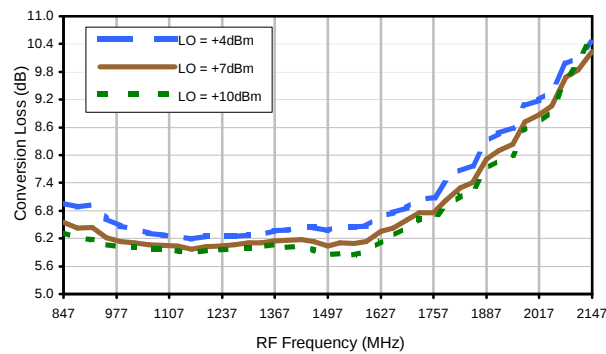
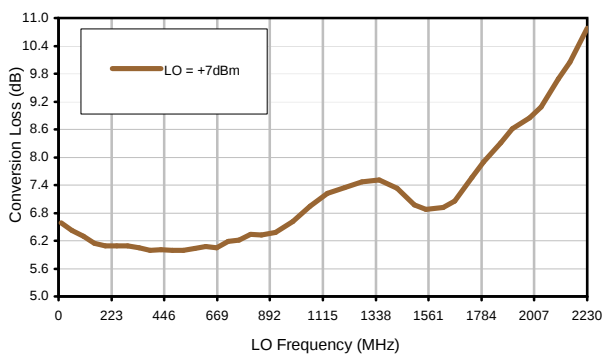


Typical Performance Curves

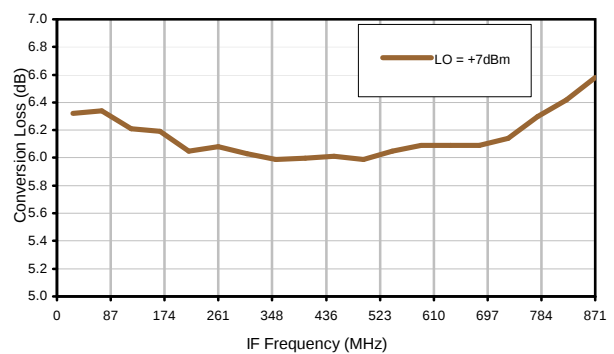
Conversion Loss @ IF=836.5MHz



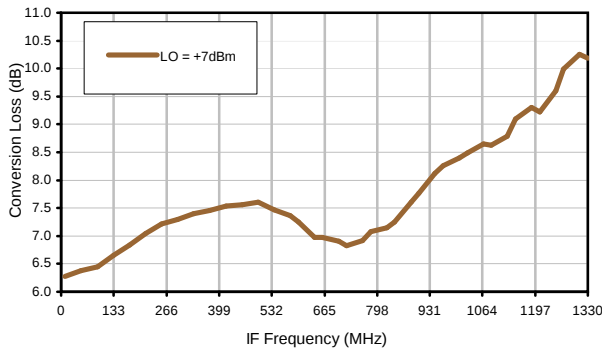
Conversion Loss vs. LO @ RF=881.5MHz



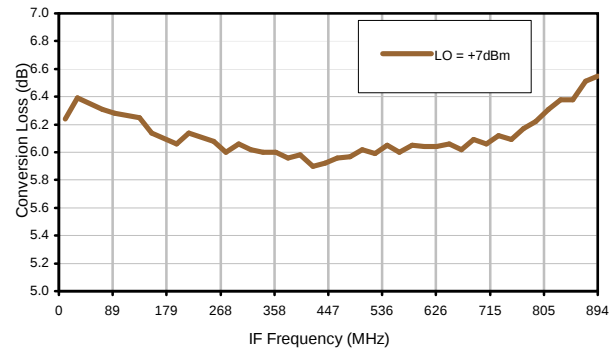
Conversion Loss vs. IF @ RF=881.5MHz



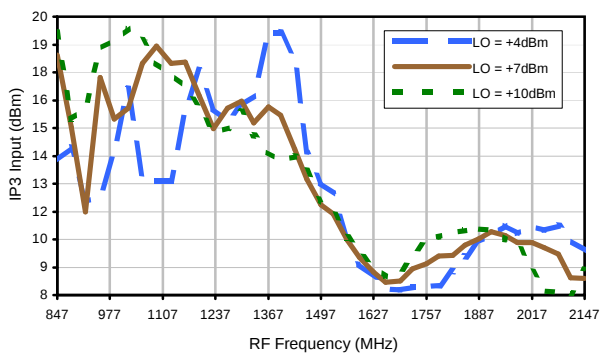
Conversion Loss vs. IF @ RF=858.9MHz



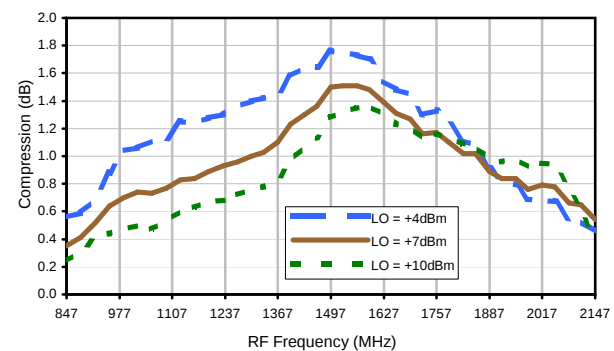
Conversion Loss vs. IF @ RF=904.1MHz



IP3 Input

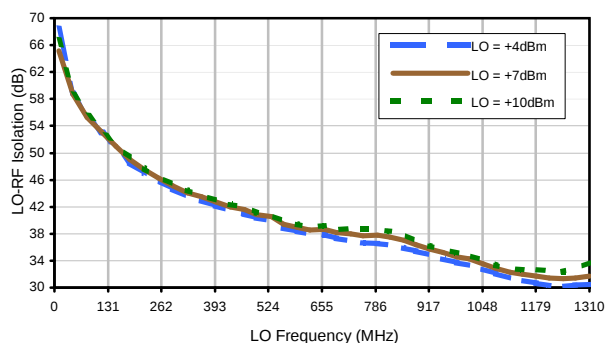


Compression @ RF IN=0dBm

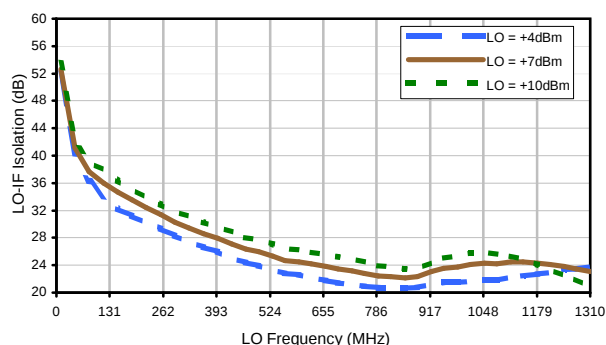


Typical Performance Curves

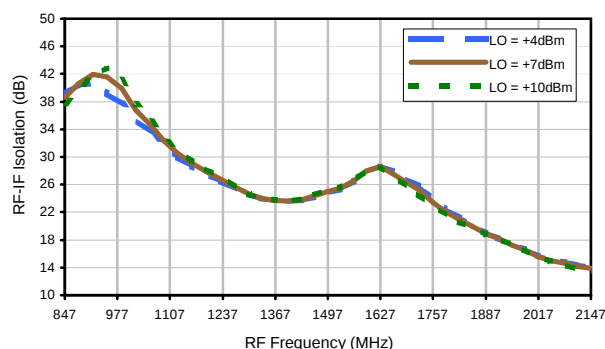
LO-RF Isolation



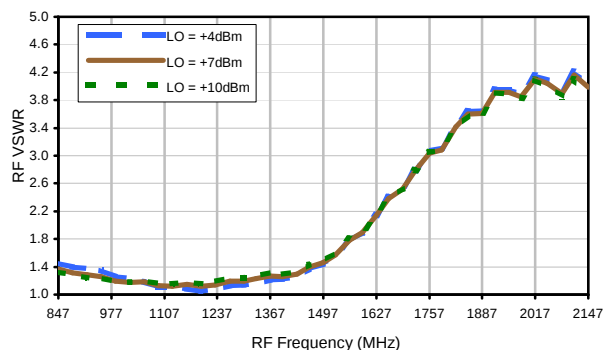
LO-IF Isolation



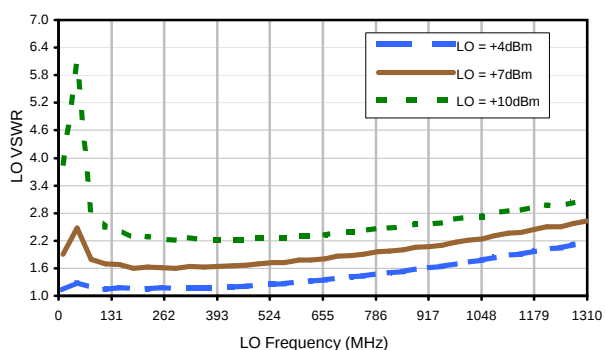
RF-IF Isolation



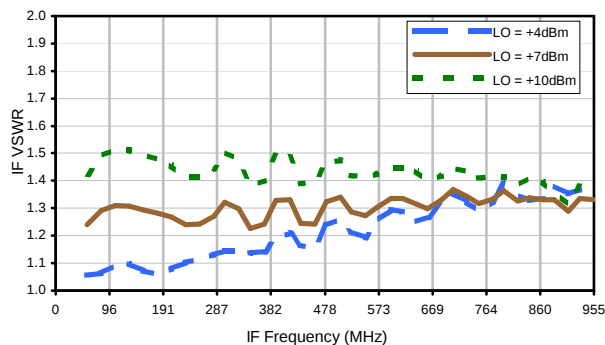
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	15	34	22	53	24	57	26	55	29	56
1	-	35	+0	38	11	40	19	42	30	46	52	51
2	>90	62	58	62	61	66	64	>69	65	>69	64	>69
3	>90	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69	>69
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: 881.5 MHz; -15.00 dBm.
LO IN: 45 MHz; +7.00 dBm
IF OUT: 836.5 MHz; -21.44 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	26	45	35	57	37	61	40	64	44	64
1	-	34	+0	38	11	40	19	44	28	48	46	53
2	72	54	54	54	58	59	65	65	71	76	66	74
3	>90	62	64	67	58	74	55	77	54	70	54	68
4	>90	>79	72	>79	72	>79	74	>79	76	>79	75	>79
5	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
6	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
7	>90	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79	>79
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: 881.5 MHz; -5.00 dBm.
LO IN: 45 MHz; +7.00 dBm
IF OUT: 836.5 MHz; -11.45 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.

REV. X2

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