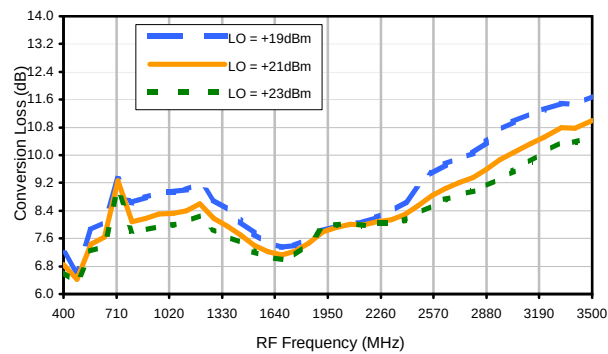
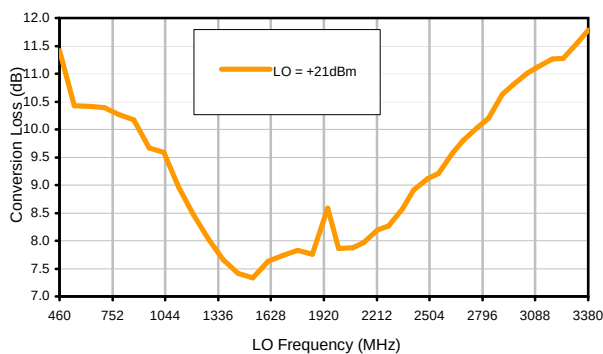


Typical Performance Curves

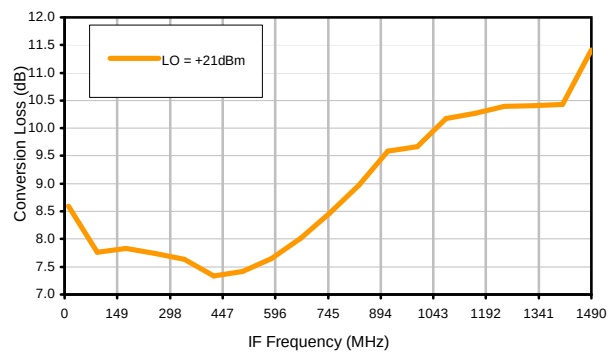
Conversion Loss @ IF=250MHz



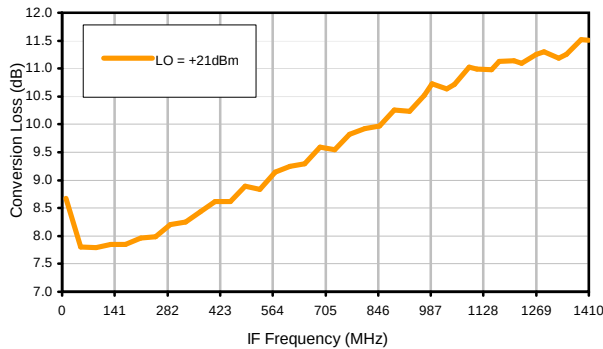
Conversion Loss vs. LO @ RF=1950.1MHz



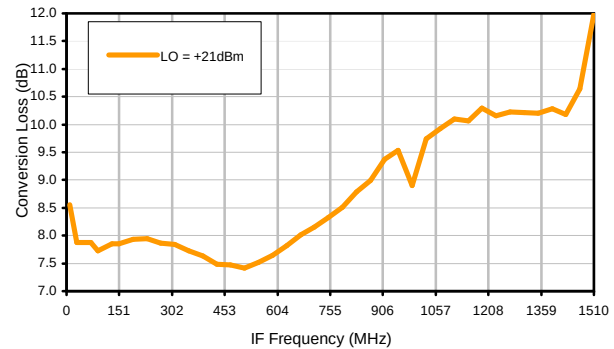
Conversion Loss vs. IF @ RF=1950.1MHz



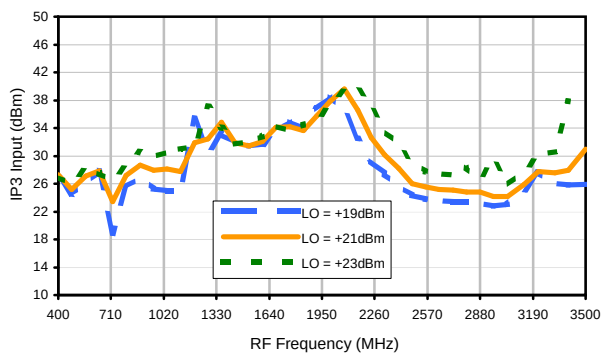
Conversion Loss vs. IF @ RF=1920.1MHz



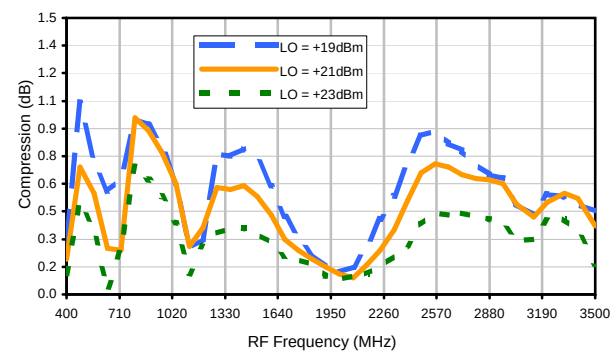
Conversion Loss vs. IF @ RF=1980.1MHz



IP3 Input

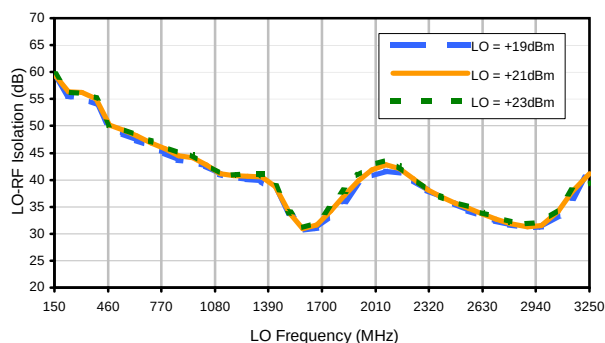


Compression @ RF IN=+18dBm

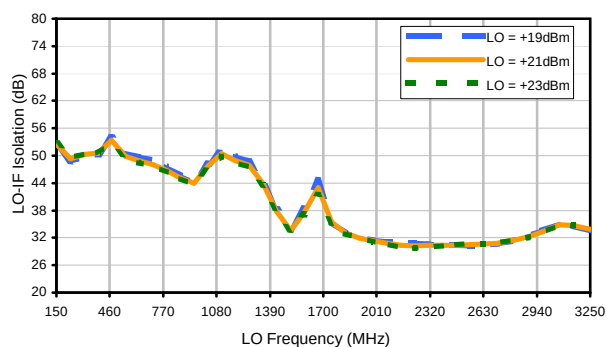


Typical Performance Curves

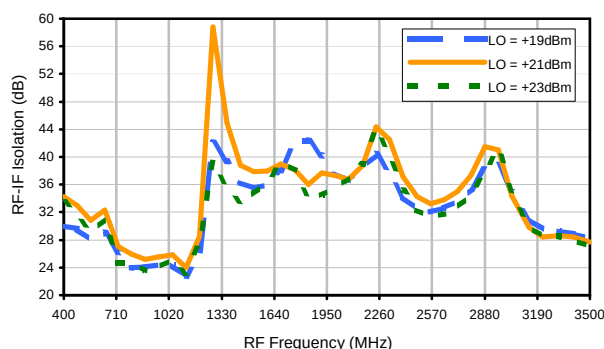
LO-RF Isolation



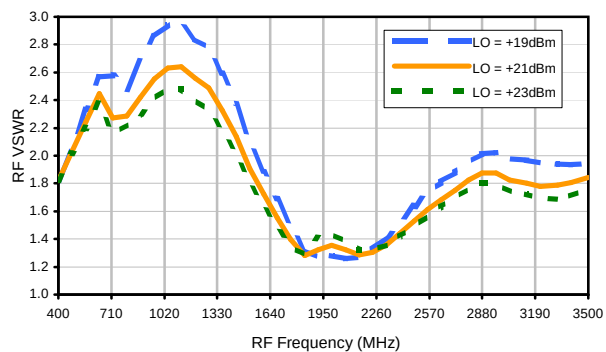
LO-IF Isolation



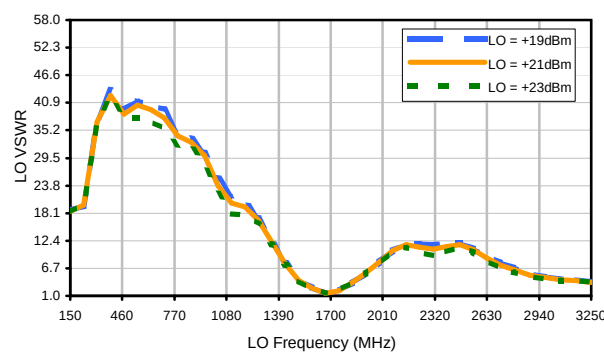
RF-IF Isolation



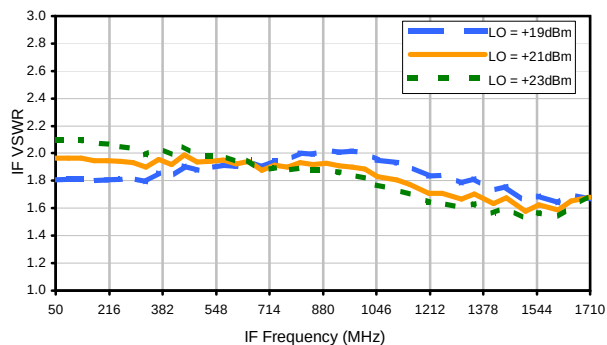
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	15	14	26	20	27	31	37	32	32	44
1	-	30	+0	37	18	40	32	45	63	50	60	49
2	58	59	62	64	61	66	64	66	75	68	71	75
3	>90	>85	79	>85	75	>85	83	85	>85	>85	>85	>85
4	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
5	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
6	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
7	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
8	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
9	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
10	>90	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85	>85
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1950.1 MHz; 3.00 dBm.
LO IN: 1700.1 MHz; +21.00 dBm
IF OUT: 250 MHz; -4.91 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	26	25	36	30	38	40	47	41	44	58
1	-	29	+0	35	18	39	32	46	63	50	58	50
2	38	49	54	51	54	55	57	55	66	60	66	70
3	66	65	53	64	50	64	55	64	61	69	79	67
4	>90	80	74	80	82	73	76	85	82	88	80	84
5	>90	>95	85	87	74	93	70	83	73	83	80	84
6	>90	91	>95	93	92	87	94	84	93	87	>95	>95
7	>90	>95	>95	>95	>95	>95	90	94	88	90	85	>95
8	>90	>95	>95	>95	>95	>95	>95	>95	>95	>95	>95	>95
9	>90	>95	>95	>95	>95	>95	>95	>95	>95	>95	>95	>95
10	>90	>95	>95	>95	>95	>95	>95	>95	>95	>95	>95	>95
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1950.1 MHz; 13.00 dBm.
LO IN: 1700.1 MHz; +21.00 dBm
IF OUT: 250 MHz; 4.87 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

HJK-ED9680A/1

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Page 3 of 3



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