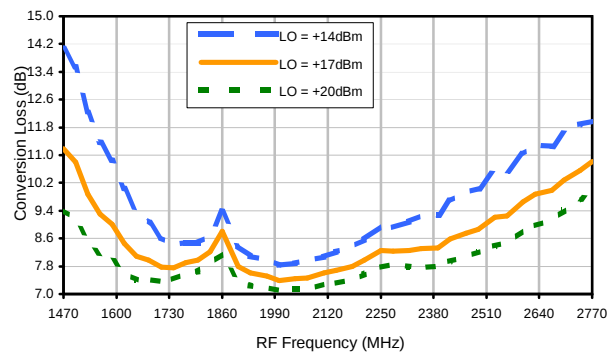
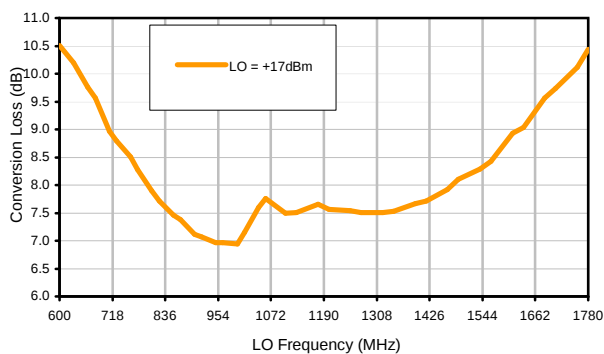


Typical Performance Curves

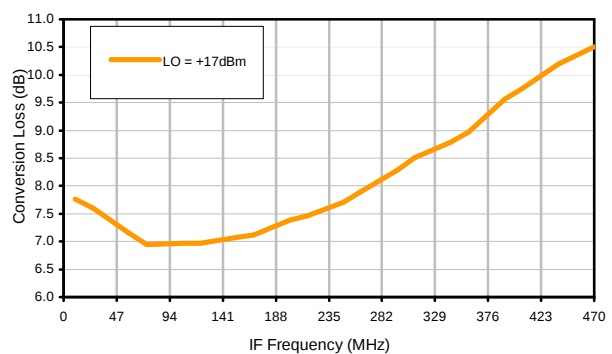
Conversion Loss @ IF=835MHz



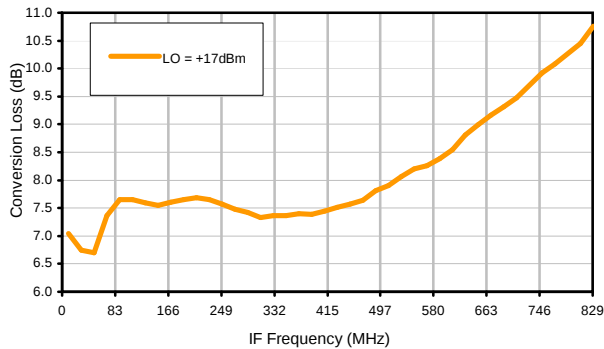
Conversion Loss vs. LO @ RF=1070.1MHz



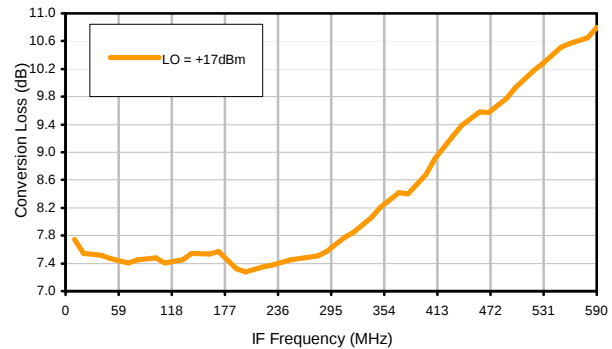
Conversion Loss vs. IF @ RF=1070.1MHz



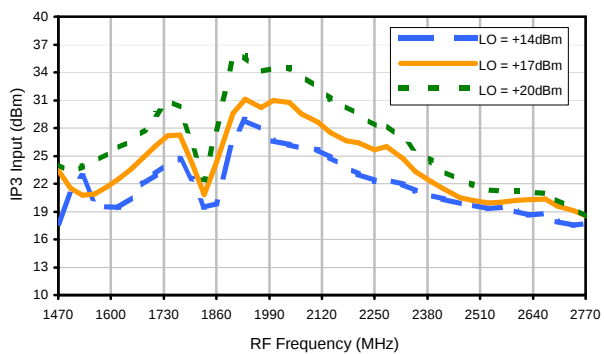
Conversion Loss vs. IF @ RF=950.1MHz



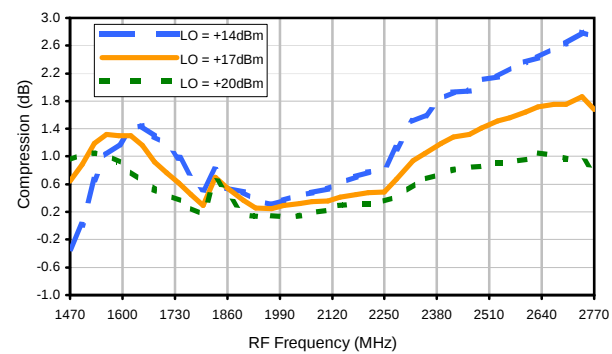
Conversion Loss vs. IF @ RF=1200.1MHz



IP3 Input

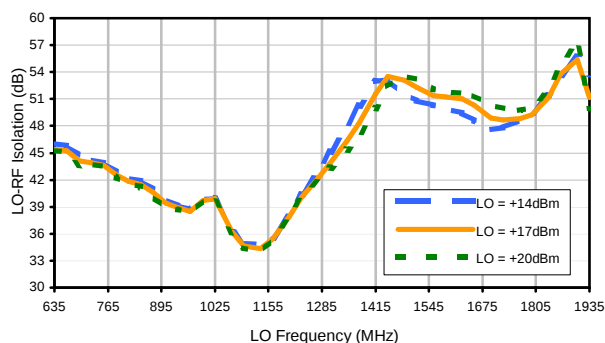


Compression @ RF IN=+17dBm

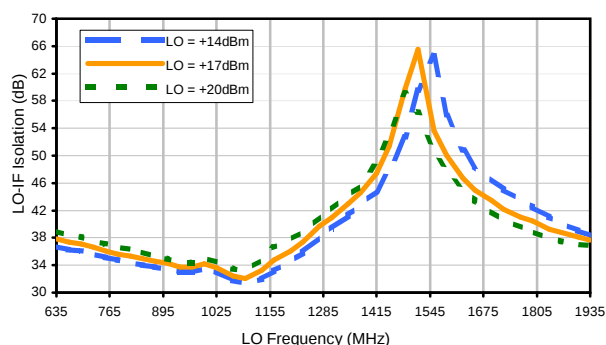


Typical Performance Curves

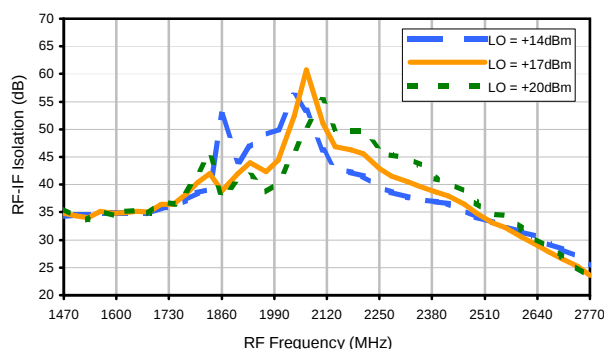
LO-RF Isolation



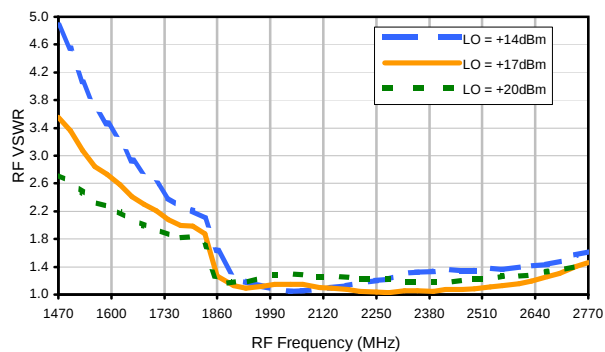
LO-IF Isolation



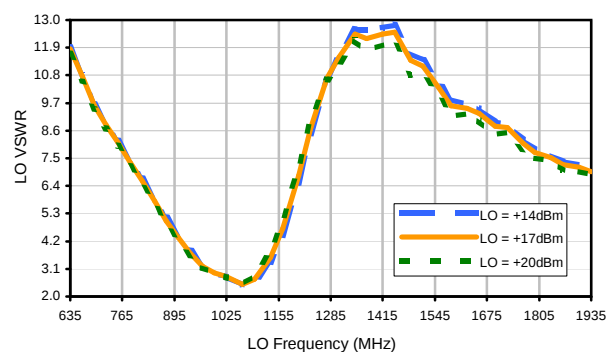
RF-IF Isolation



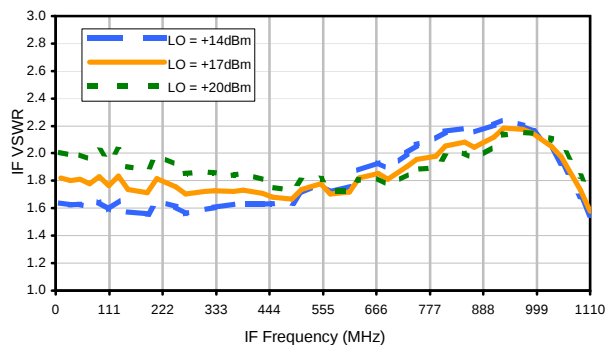
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	7	25	22	35	27	33	29	35	29	39
1	-	27	+0	36	11	43	24	44	31	46	51	53
2	55	55	50	58	47	52	57	60	71	61	65	67
3	87	72	64	74	61	75	59	73	62	>84	74	80
4	>90	>84	>84	>84	>84	>84	>84	84	>84	84	>84	>84
5	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
6	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
7	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
8	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
9	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
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: 1930.1 MHz; 2.00 dBm.

LO IN: 1095.1 MHz; +17.00 dBm

IF OUT: 835 MHz; -5.81 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	15	41	33	44	38	43	41	43	41	52
1	-	26	+0	35	11	49	26	48	34	45	51	60
2	35	44	41	50	37	44	49	52	56	55	56	64
3	59	49	44	52	42	56	40	55	45	60	70	58
4	84	64	66	63	68	64	67	57	68	65	73	69
5	>90	75	73	76	89	70	69	71	66	68	74	78
6	>90	79	84	>94	91	86	76	81	78	76	73	69
7	>90	89	93	>94	94	>94	92	85	80	84	82	84
8	>90	>94	>94	>94	>94	>94	>94	>94	>94	89	90	88
9	>90	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94
10	>90	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94	>94
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 1930.1 MHz; 12.00 dBm.

LO IN: 1095.1 MHz; +17.00 dBm

IF OUT: 835 MHz; 4.05 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-ED10390A

101012

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