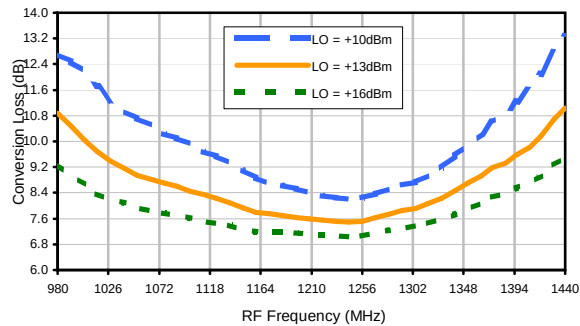
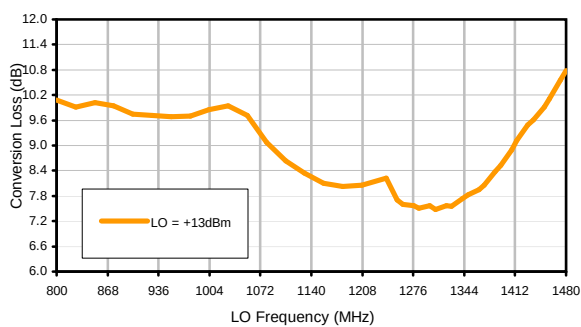


Typical Performance Curves

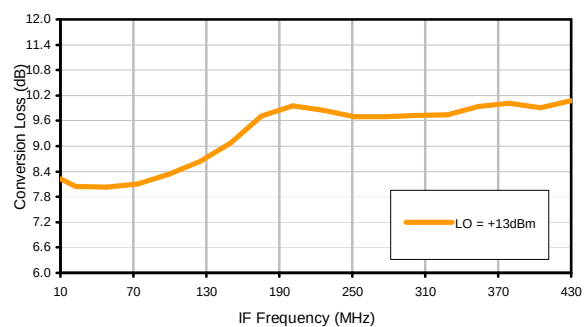
Conversion Loss @ IF=70MHz



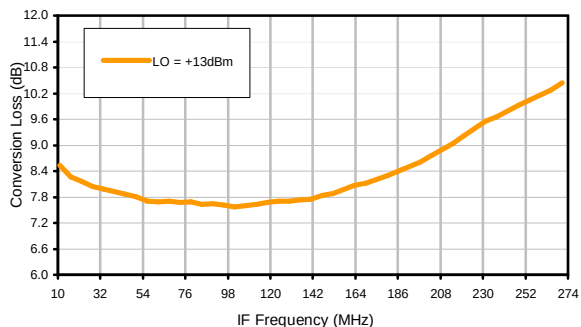
Conversion Loss vs. LO @ RF=1230MHz



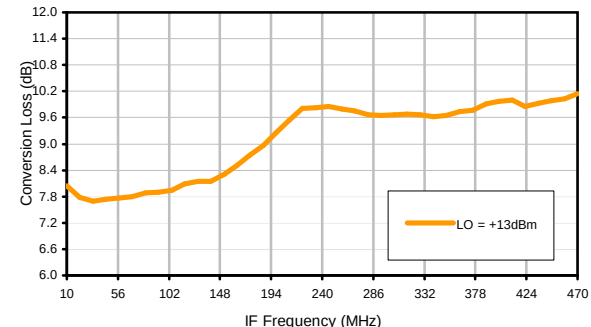
Conversion Loss vs. IF @ RF=1230MHz



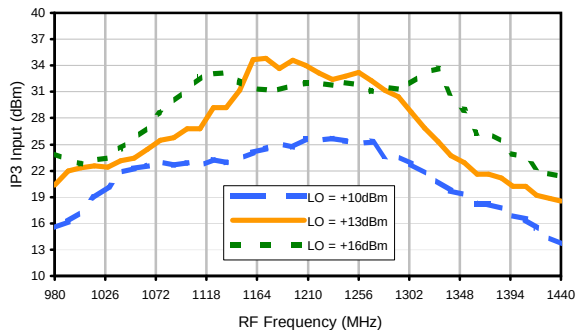
Conversion Loss vs. IF @ RF=1189MHz



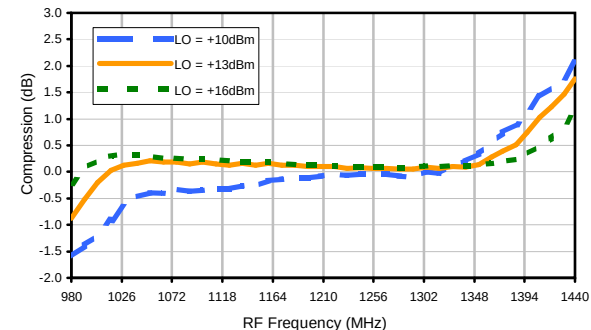
Conversion Loss vs. IF @ RF=1270.1MHz



IP3 Input

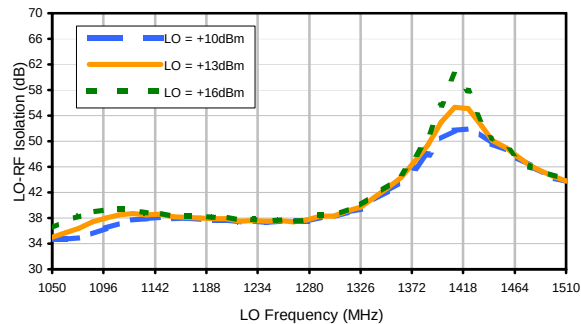


Compression @ RF IN=+16dBm

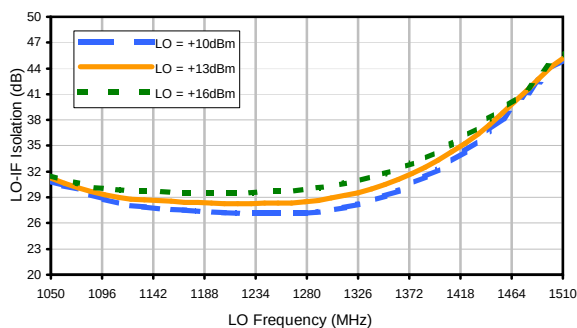


Typical Performance Curves

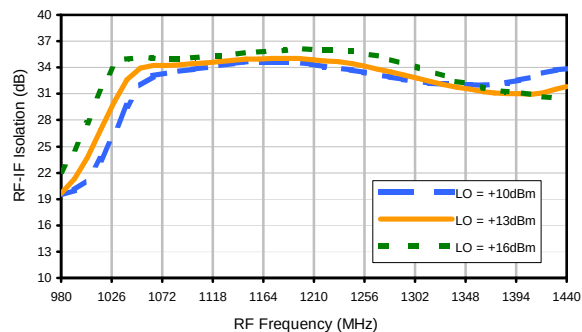
LO-RF Isolation



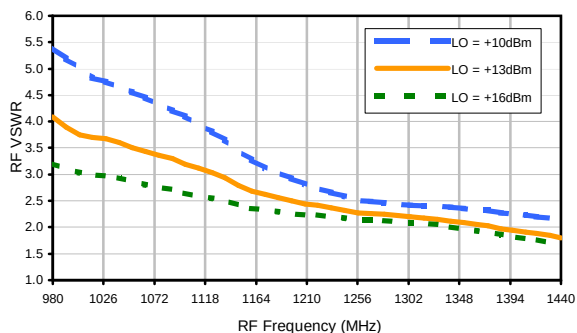
LO-IF Isolation



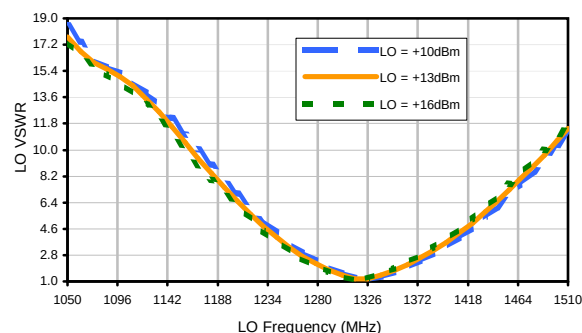
RF-IF Isolation



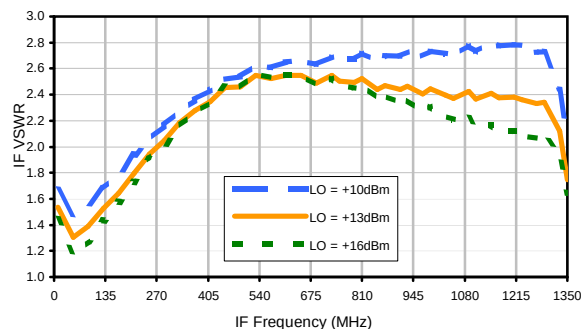
RF VSWR



LO VSWR



IF VSWR



REV. X3

HJK-ED9290/1

101012

Page 2 of 3



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Harmonics Tables

RF HARMONICS ORDER	(-dBm)		(-dBc)										
	0	-	-	9	18	28	32	30	41	37	30	42	48
	1	-	27	+0	38	14	45	21	43	35	50	42	60
	2	64	58	46	65	57	60	54	72	54	68	62	69
	3	>90	69	56	62	53	62	54	65	62	64	80	72
	4	>90	>82	>82	>82	81	81	>82	>82	82	>82	78	>82
	5	>90	>82	>82	>82	80	>82	77	>82	80	>82	81	>82
	6	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
	7	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
	8	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
	9	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
	10	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82
RF CAL		0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 1230 MHz; 0.00 dBm.
LO IN: 1300 MHz; +13.00 dBm
IF OUT: 70 MHz; -7.58 dBm

RF HARMONICS ORDER	(-dBm)		(-dBc)										
	0	-	-	19	27	38	43	43	51	47	43	50	55
	1	-	26	+0	36	15	46	23	48	36	53	43	54
	2	44	49	38	52	50	52	51	64	52	67	58	61
	3	68	56	39	50	43	50	40	55	45	54	58	63
	4	89	69	69	70	55	74	58	67	60	77	61	83
	5	>90	76	63	72	56	66	51	62	56	67	66	65
	6	>90	>92	82	82	80	81	69	76	69	80	72	80
	7	>90	90	85	>92	73	80	67	72	61	72	68	77
	8	>90	81	>92	>92	90	>92	86	>92	82	84	81	86
	9	>90	>92	>92	>92	92	92	82	86	76	80	71	80
	10	>90	88	>92	92	>92	>92	>92	>92	>92	>92	92	89
RF CAL		0	1	2	3	4	5	6	7	8	9	10	

LO HARMONICS ORDER

Test conditions:

RF IN: 1230 MHz; 10.00 dBm.
LO IN: 1300 MHz; +13.00 dBm
IF OUT: 70 MHz; 2.41 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. X3

HJK-ED9290/1

101012

Page 3 of 3



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