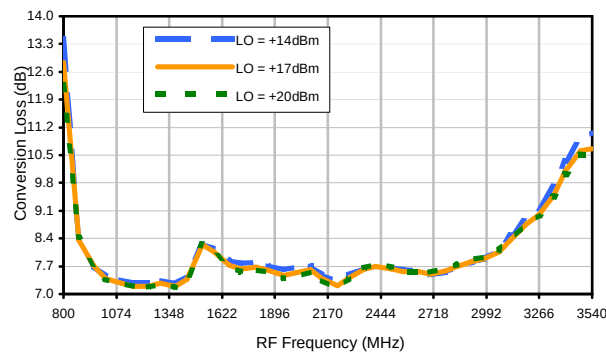
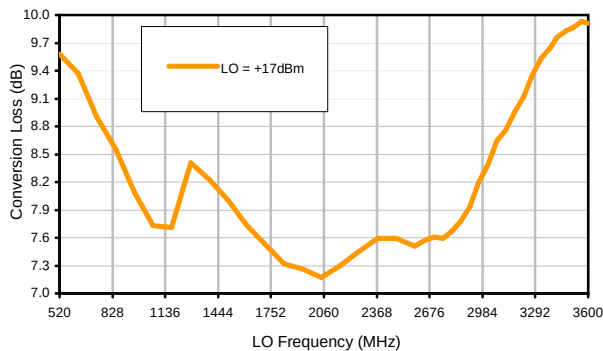


Typical Performance Curves

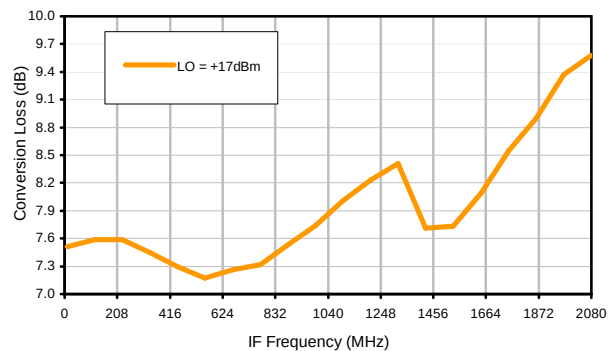
Conversion Loss @ IF=335MHz



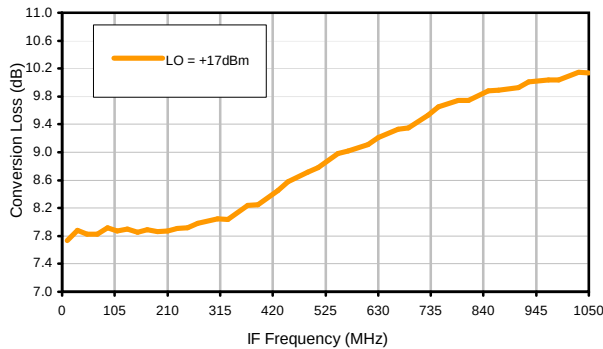
Conversion Loss vs. LO @ RF=2600MHz



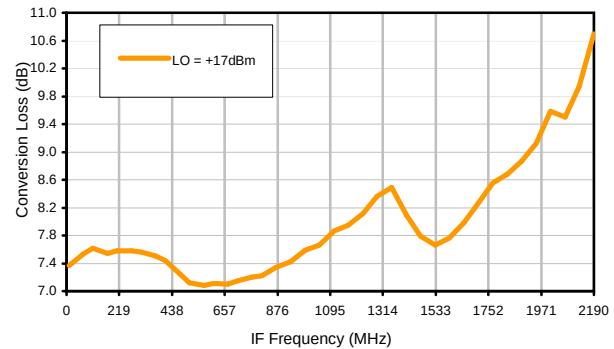
Conversion Loss vs. IF @ RF=2600MHz



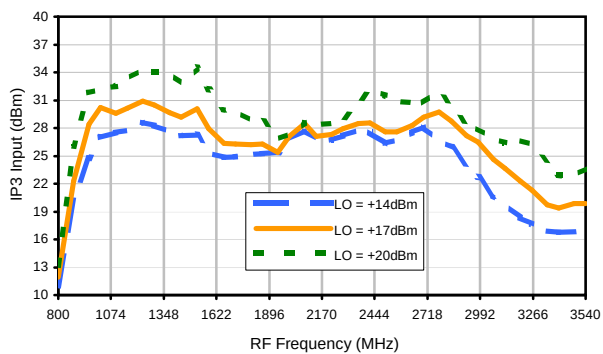
Conversion Loss vs. IF @ RF=2500MHz



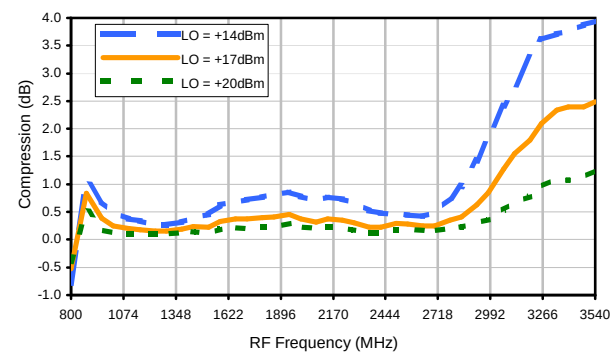
Conversion Loss vs. IF @ RF=2700.1001MHz



IP3 Input

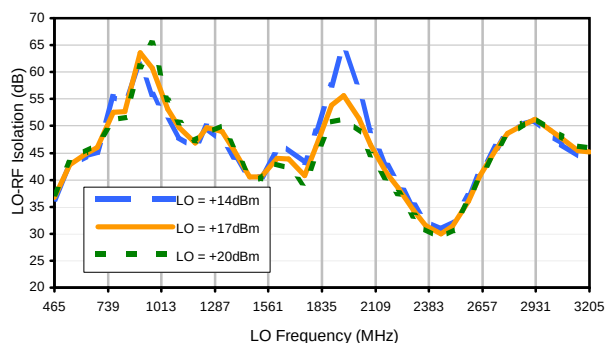


Compression @ RF IN=+15dBm

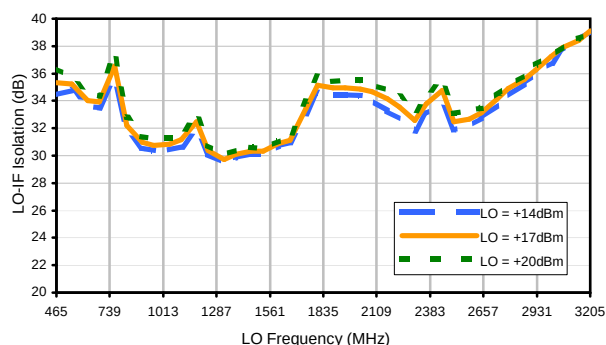


Typical Performance Curves

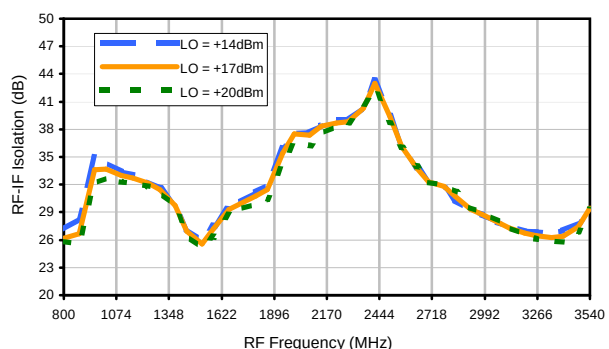
LO-RF Isolation



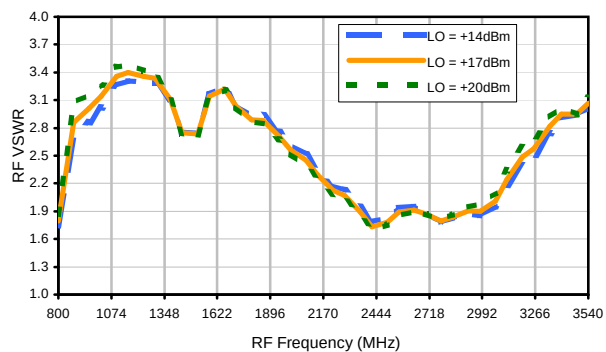
LO-IF Isolation



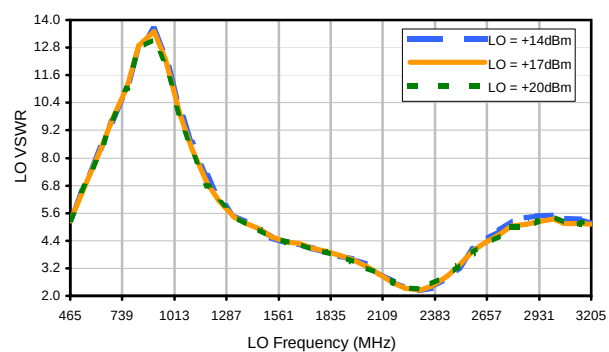
RF-IF Isolation



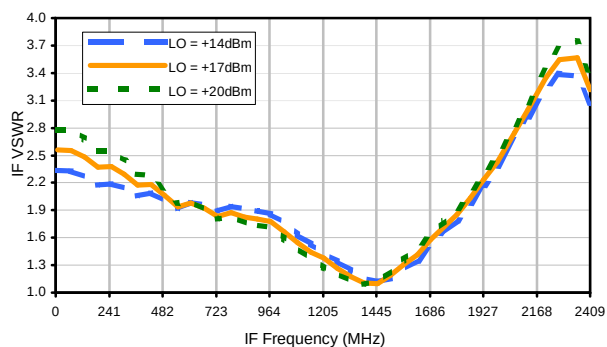
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	8	11	17	13	23	26	39	58	60	74
1	-	27	+0	36	19	36	37	45	32	54	71	63
2	62	71	45	52	70	51	58	61	63	56	72	78
3	>90	>82	65	75	58	69	68	74	>82	78	74	>82
4	>90	>82	>82	>82	>82	80	>82	>82	>82	>82	>82	>82
5	>90	>82	>82	>82	>82	>82	>82	>82	>82	>82	>82	>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	---	---	>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: 2600.1 MHz; 0.00 dBm.
LO IN: 2270.1 MHz; +17.00 dBm
IF OUT: 330 MHz; -7.6 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	18	21	28	23	33	36	50	69	69	>92
1	-	27	+0	37	20	37	38	47	35	56	78	68
2	42	68	35	41	49	42	48	53	53	49	63	72
3	67	61	46	55	40	48	49	55	77	59	57	71
4	>90	68	68	67	79	56	64	60	64	78	78	64
5	>90	84	>92	88	80	84	66	77	71	81	82	91
6	>90	>92	>92	>92	>92	91	92	76	78	71	78	90
7	>90	>92	>92	90	>92	>92	90	88	81	77	80	84
8	>90	>92	>92	>92	>92	>92	>92	>92	89	84	81	81
9	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	88
10	---	---	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 2600.1 MHz; 10.00 dBm.
LO IN: 2270.1 MHz; +17.00 dBm
IF OUT: 330 MHz; 2.28 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-ED13420/1

101012

Page 3 of 3

