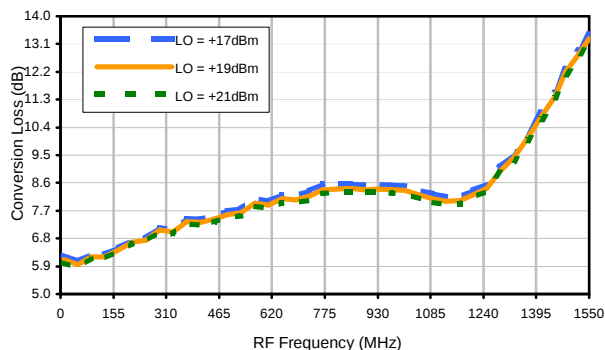
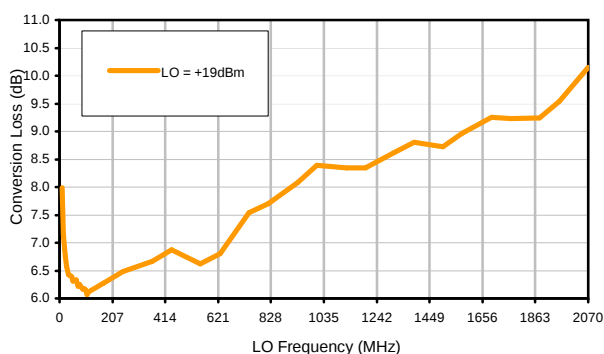


Typical Performance Curves

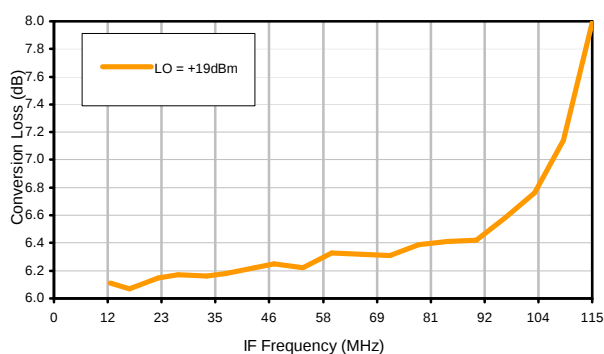
Conversion Loss @ IF=21.4MHz



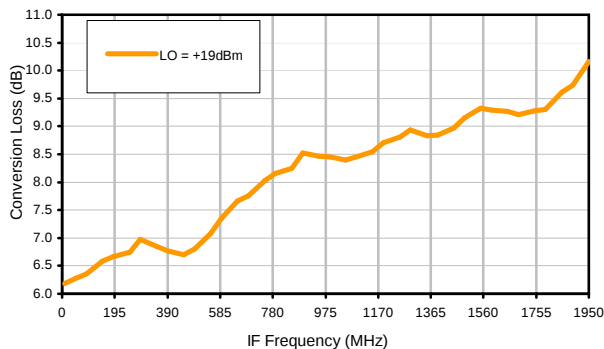
Conversion Loss vs. LO @ RF=125.1MHz



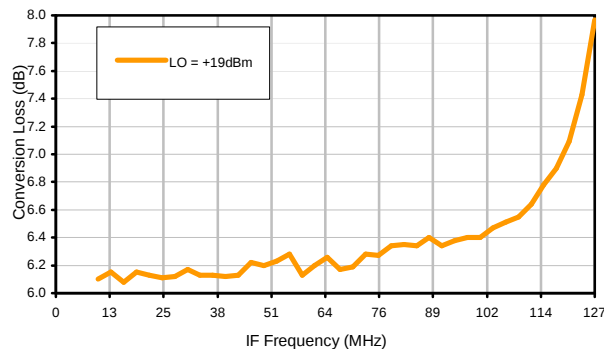
Conversion Loss vs. IF @ RF=125.1MHz



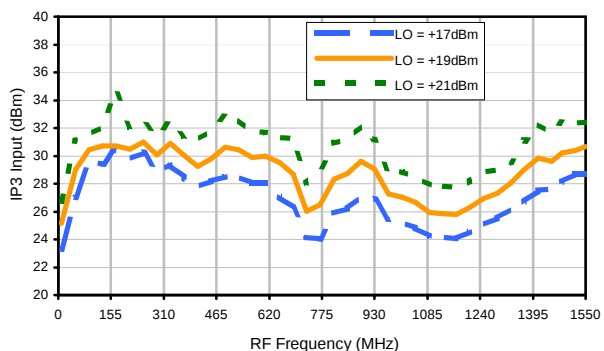
Conversion Loss vs. IF @ RF=112.1MHz



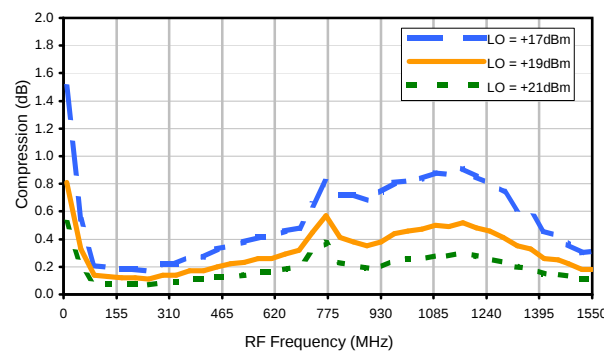
Conversion Loss vs. IF @ RF=137.1MHz



IP3 Input

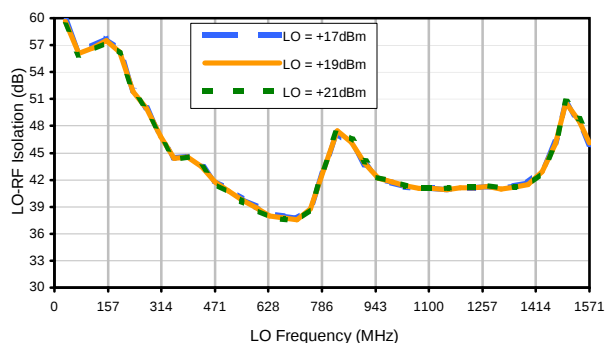


Compression @ RF IN=+15dBm

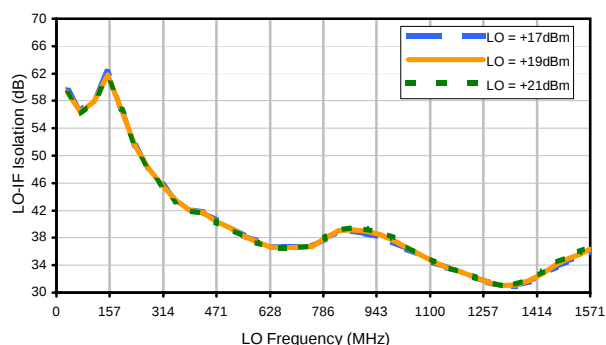


Typical Performance Curves

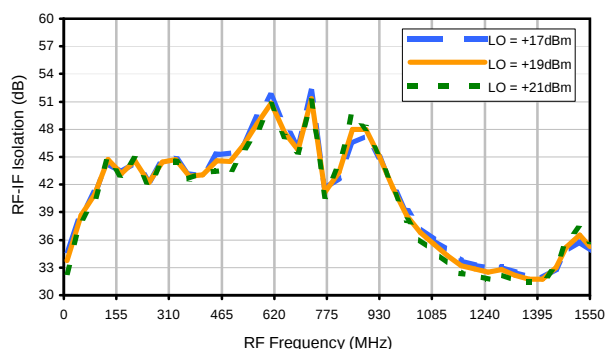
LO-RF Isolation



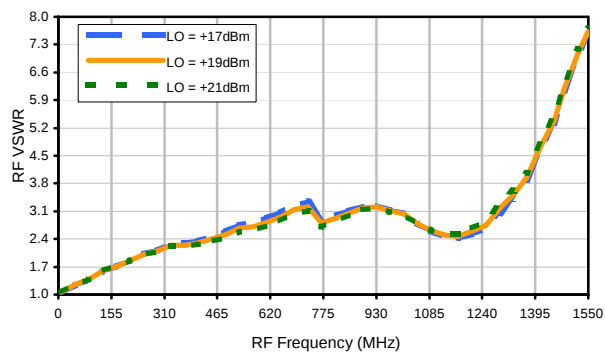
LO-IF Isolation



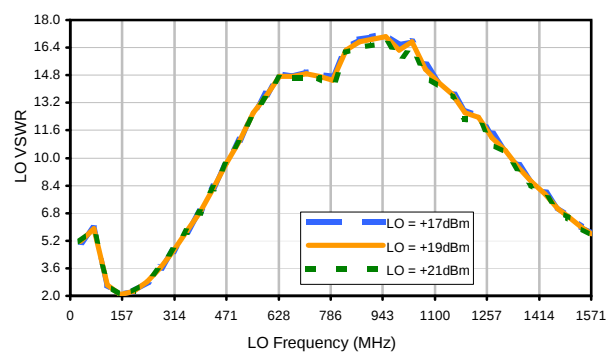
RF-IF Isolation



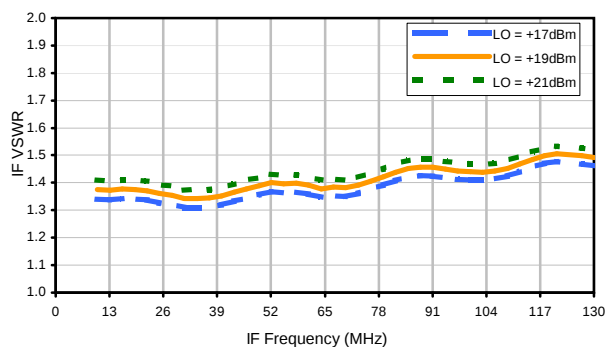
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	35	26	28	46	34	49	37	40	45	39
1	-	39	+0	44	12	48	16	50	20	53	27	46
2	66	57	62	38	55	54	52	52	53	56	54	50
3	>90	>84	70	83	68	81	64	77	64	73	66	73
4	>90	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84	>84
5	>90	>84	>84	>84	>84	>84	83	>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	68	>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	81	>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: 125.1 MHz; 0.00 dBm.
LO IN: 146.5 MHz; +19.00 dBm
IF OUT: 21.4 MHz; -6.25 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	37	40	42	40	43	44	63	41	39	38
1	-	39	+0	44	12	49	17	47	21	50	29	49
2	46	48	52	30	45	44	42	43	44	46	46	41
3	67	79	55	61	50	58	49	55	48	52	48	52
4	>90	74	74	79	84	83	81	78	77	72	74	74
5	>90	85	71	85	71	86	71	92	69	87	68	89
6	>90	91	92	87	87	83	87	82	83	82	83	81
7	>90	>94	85	>94	86	>94	85	66	88	>94	85	>94
8	>90	>94	>94	>94	>94	>94	>94	93	91	>94	>94	92
9	>90	>94	>94	>94	>94	>94	>94	>94	93	90	>94	>94
10	>90	>94	>94	>94	>94	>94	>94	>94	>94	93	>94	>94
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 125.1 MHz; 10.00 dBm.
LO IN: 146.5 MHz; +19.00 dBm
IF OUT: 21.4 MHz; 3.69 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-ED12044/1

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Page 3 of 3



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