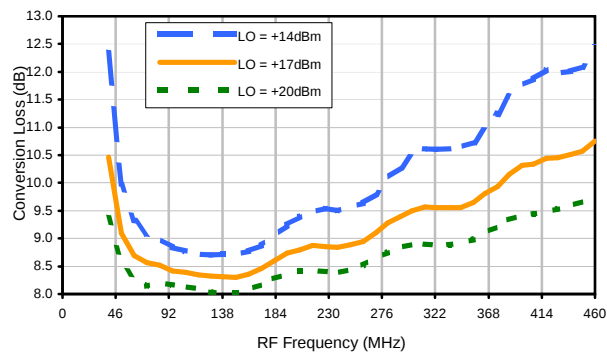
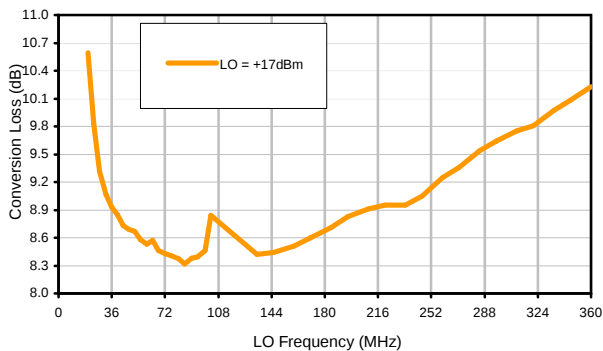


Typical Performance Curves

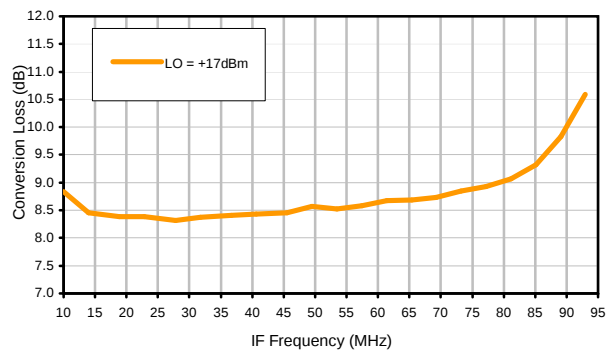
Conversion Loss @ IF=20.4MHz



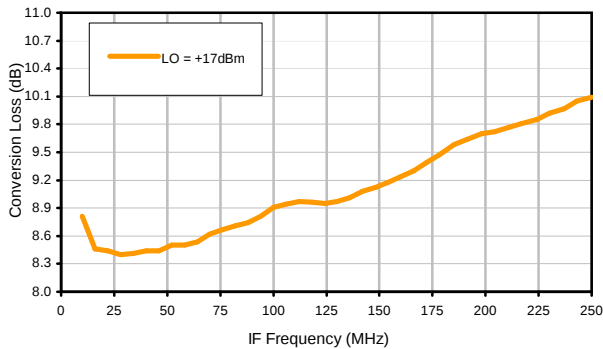
Conversion Loss vs. LO @ RF=113MHz



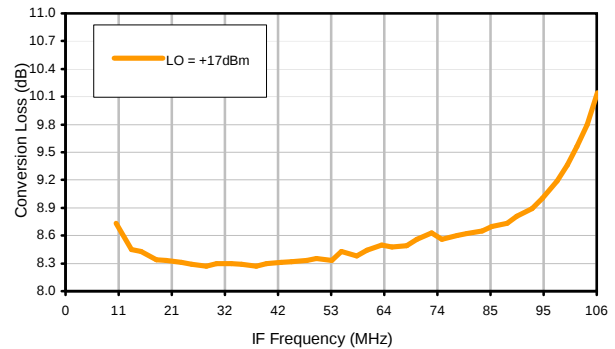
Conversion Loss vs. IF @ RF=113MHz



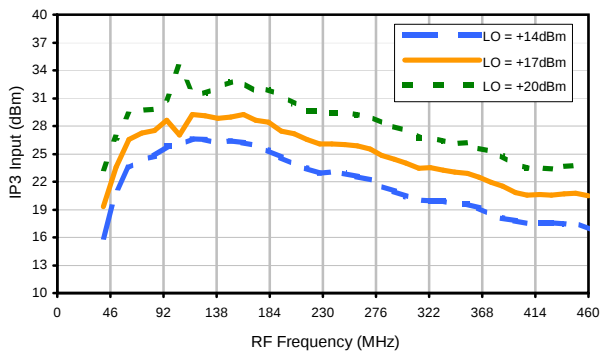
Conversion Loss vs. IF @ RF=97.9MHz



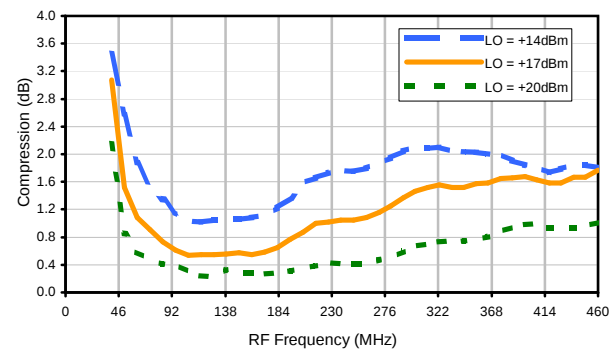
Conversion Loss vs. IF @ RF=128.1MHz



IP3 Input

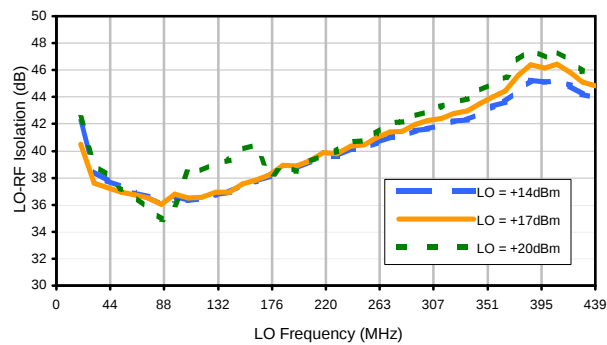


Compression @ RF IN=+19dBm

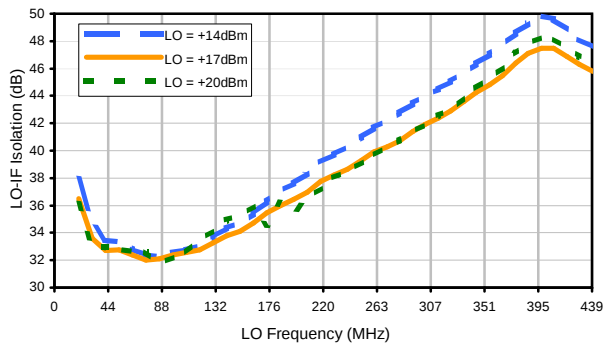


Typical Performance Curves

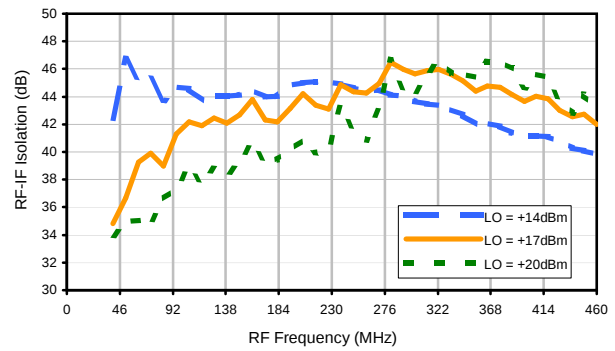
LO-RF Isolation



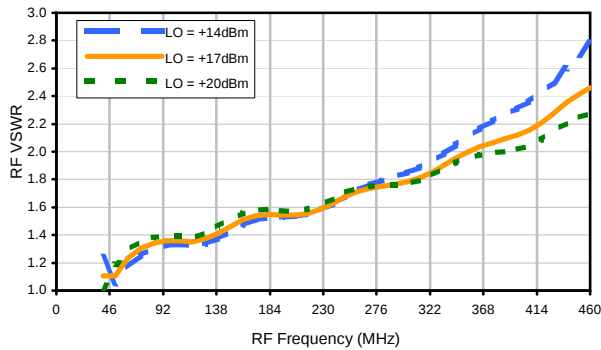
LO-IF Isolation



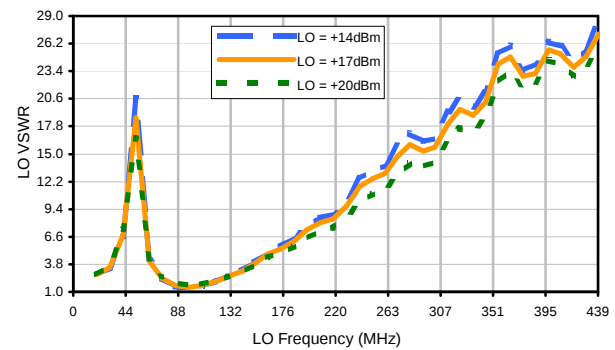
RF-IF Isolation



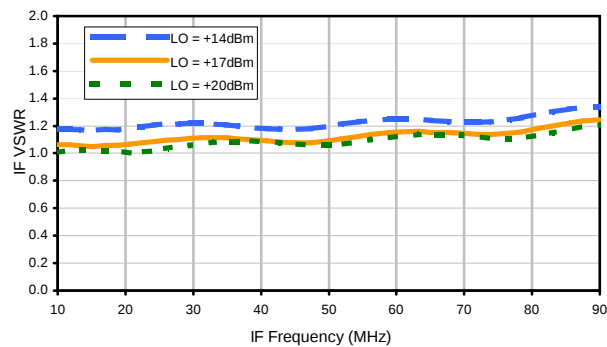
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	14	11	28	24	33	31	35	36	38	39
1	-	40	+0	37	12	39	18	40	24	39	29	40
2	65	41	51	44	47	47	46	50	46	52	47	55
3	>90	78	65	71	61	67	60	66	60	66	61	65
4	>90	>82	>82	>82	>82	75	>82	77	>82	78	>82	78
5	>90	>82	>82	>82	>82	>82	>82	>82	79	>82	>82	>82
6	>90	>82	>82	>82	>82	>82	>82	>82	>82	81	>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: 113 MHz; 0.00 dBm.
LO IN: 92.6 MHz; +17.00 dBm
IF OUT: 20.4 MHz; -8.4 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	20	24	32	41	31	39	33	43	35	44
1	-	38	+0	35	12	38	19	40	26	39	32	41
2	45	31	40	35	36	39	36	44	37	46	41	50
3	66	56	46	56	43	51	43	50	45	50	48	51
4	>90	69	68	61	66	57	62	56	58	58	55	61
5	>90	71	69	70	64	67	61	64	60	63	60	63
6	>90	77	76	75	75	72	73	70	71	68	71	69
7	>90	77	76	78	77	77	73	75	72	75	71	72
8	>90	85	84	86	84	84	82	83	83	80	81	80
9	>90	85	83	85	83	87	84	86	81	84	81	83
10	>90	90	91	90	>91	91	>91	90	>91	>91	>91	88
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 113 MHz; 10.00 dBm.
LO IN: 92.6 MHz; +17.00 dBm
IF OUT: 20.4 MHz; 1.42 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

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Page 3 of 3



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