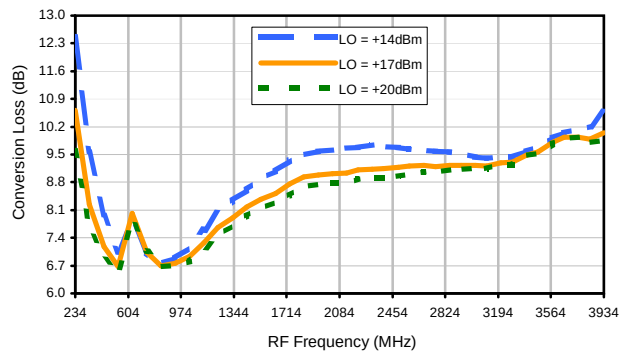
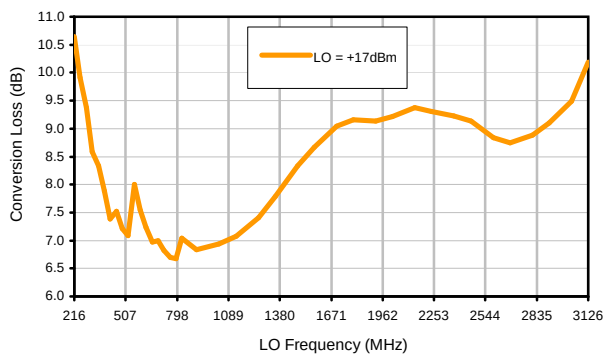


Typical Performance Curves

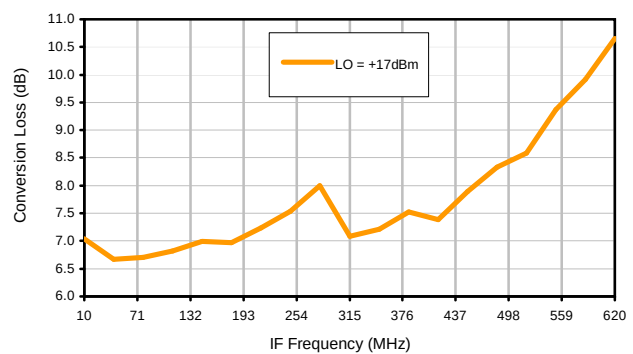
Conversion Loss @ IF=82MHz



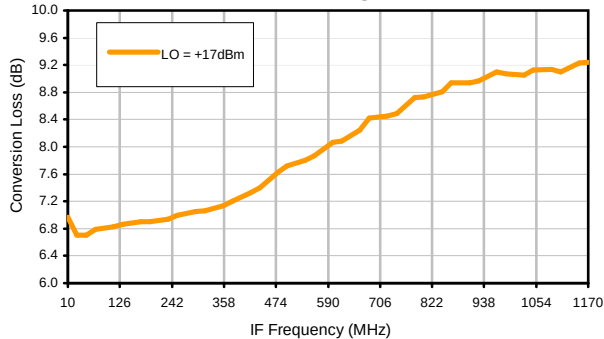
Conversion Loss vs. LO @ RF=836.5MHz



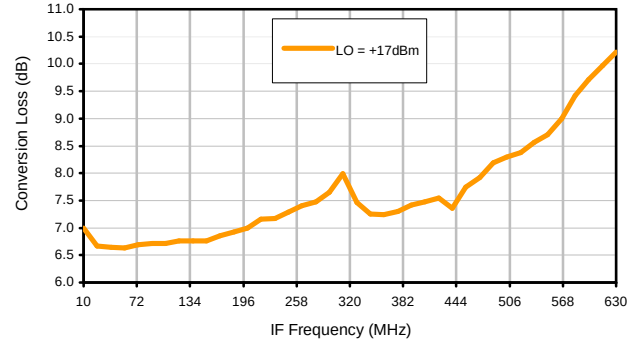
Conversion Loss vs. IF @ RF=836.5MHz



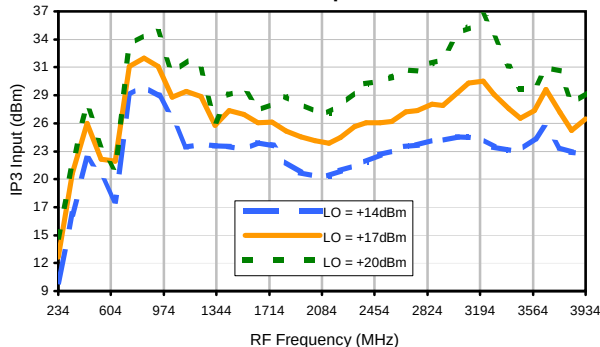
Conversion Loss vs. IF @ RF=803.9MHz



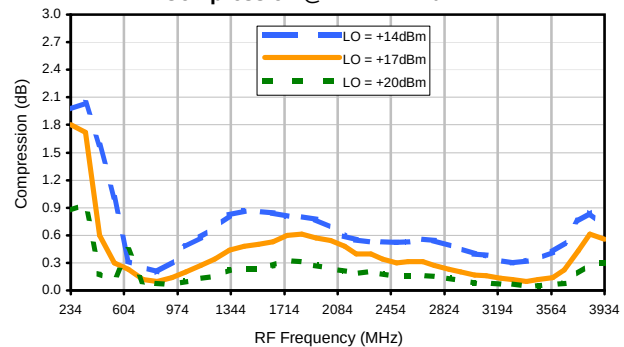
Conversion Loss vs. IF @ RF=869.1MHz



IP3 Input

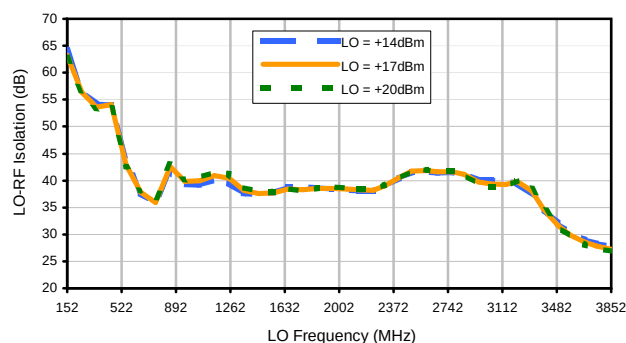


Compression @ RF IN=+14dBm

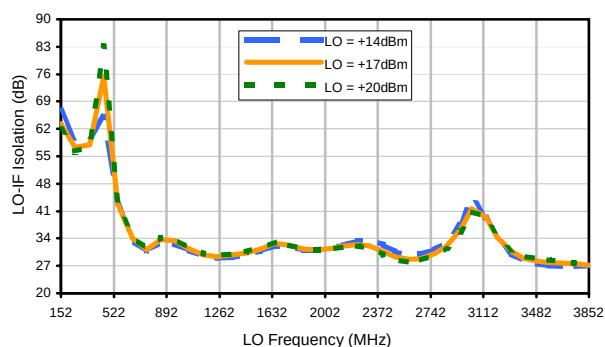


Typical Performance Curves

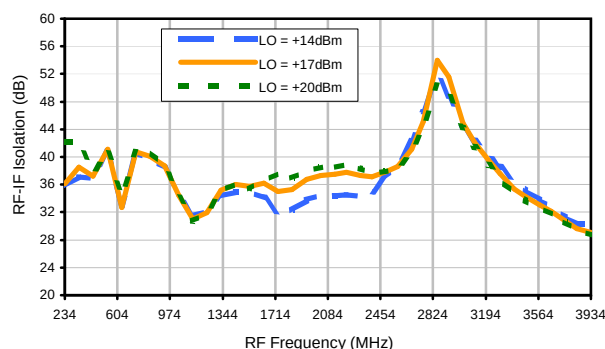
LO-RF Isolation



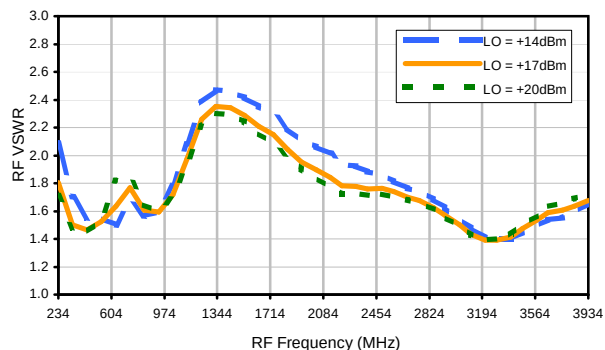
LO-IF Isolation



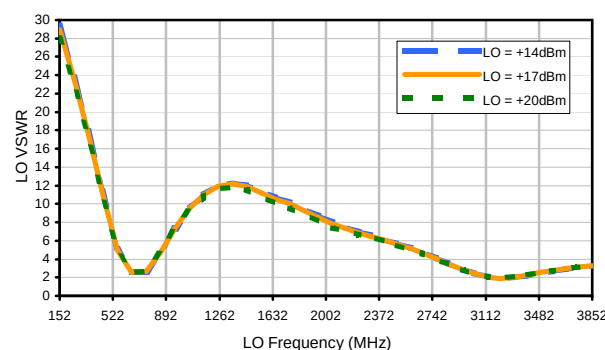
RF-IF Isolation



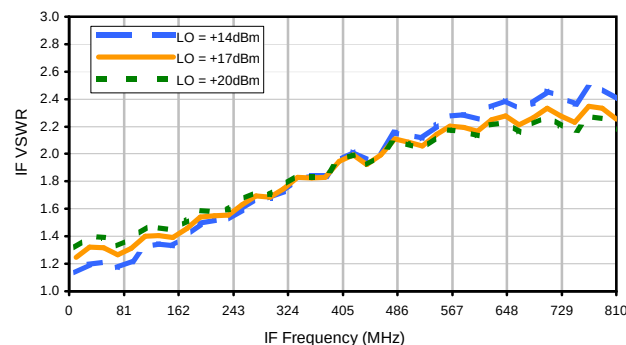
RF VSWR



LO VSWR



IF VSWR



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Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	7	8	21	19	25	36	40	54	42	62
1	-	33	+0	37	14	35	24	42	35	49	56	52
2	66	66	69	61	66	61	61	66	65	65	72	75
3	>90	>82	72	79	71	80	72	79	76	>82	>82	>82
4	>90	>82	>82	>82	>82	>82	>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	>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: 836.5 MHz; -1.00 dBm.
LO IN: 754.5 MHz; +17.00 dBm
IF OUT: 82 MHz; -7.79 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	17	18	31	29	36	49	53	61	57	61
1	-	33	+0	37	14	36	24	43	37	49	56	53
2	46	55	59	51	56	52	51	57	55	57	62	66
3	68	73	51	67	50	64	52	62	56	67	62	72
4	>90	92	91	82	84	79	80	82	77	82	81	80
5	>90	>92	>92	>92	88	91	87	89	89	>92	91	>92
6	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
7	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
8	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
9	>90	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92	>92
10	>90	>92	>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: 836.5 MHz; 9.00 dBm.
LO IN: 754.5 MHz; +17.00 dBm
IF OUT: 82 MHz; 2.2 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.

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