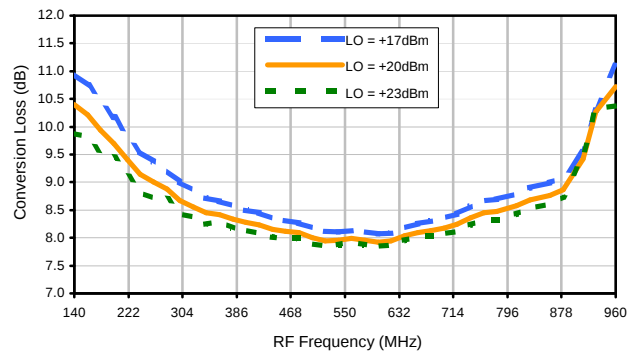
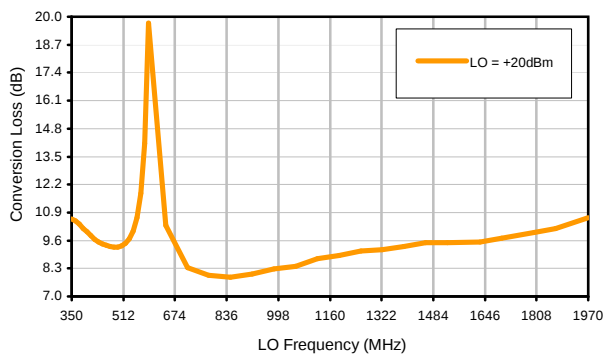


Typical Performance Curves

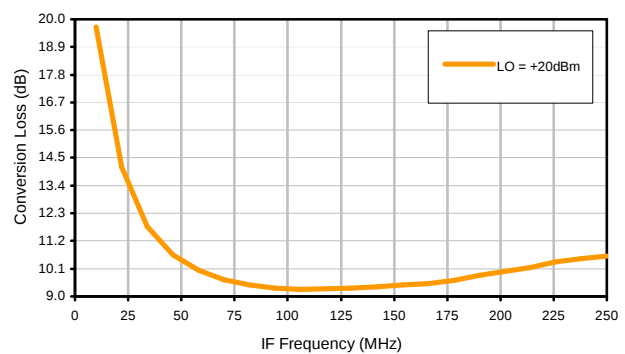
Conversion Loss @ IF=200MHz



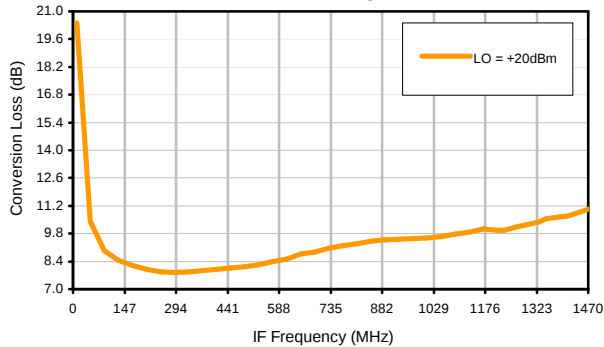
Conversion Loss vs. LO @ RF=600.5MHz



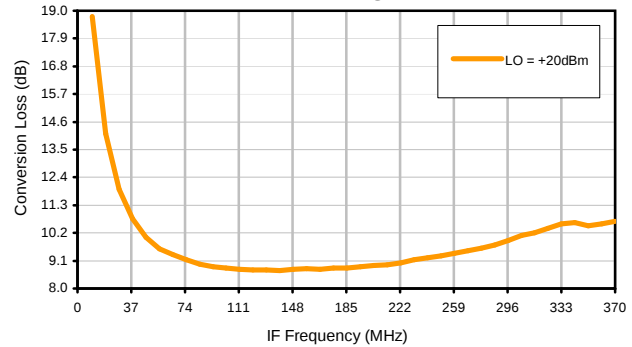
Conversion Loss vs. IF @ RF=600.5MHz



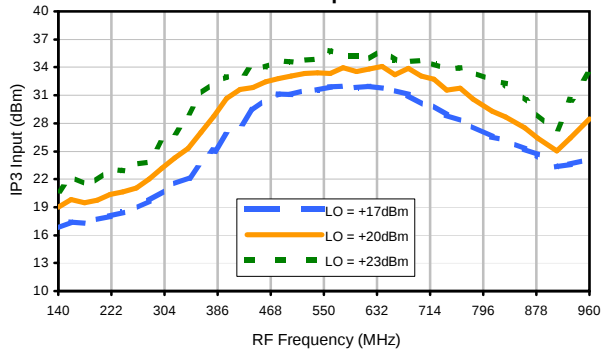
Conversion Loss vs. IF @ RF=490.4MHz



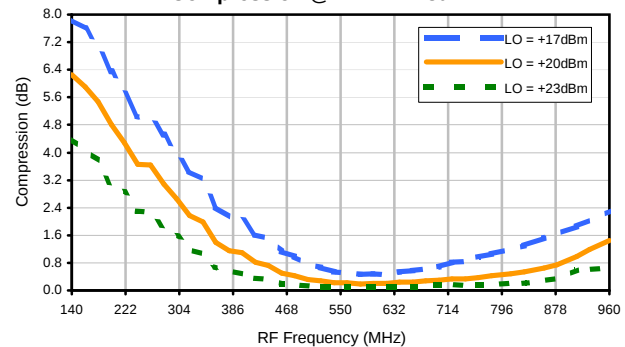
Conversion Loss vs. IF @ RF=710.6MHz



IP3 Input

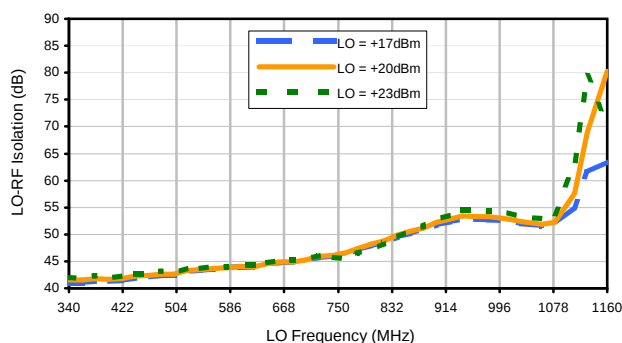


Compression @ RF IN=+23dBm

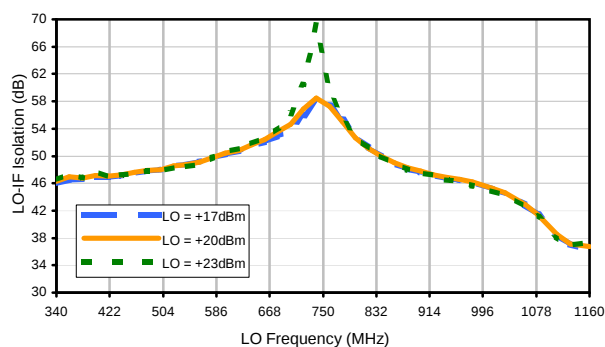


Typical Performance Curves

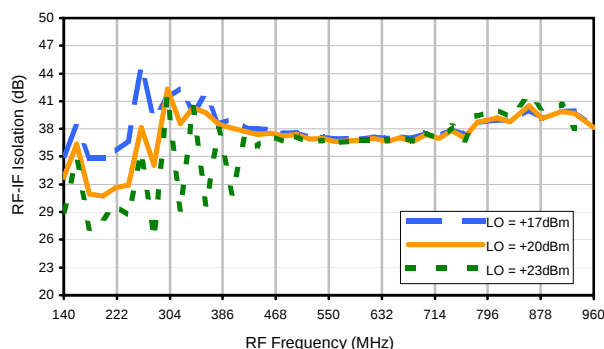
LO-RF Isolation



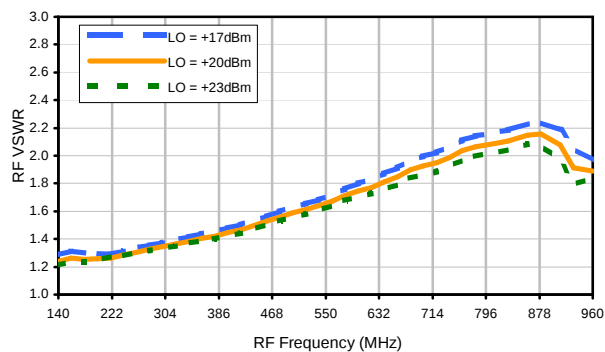
LO-IF Isolation



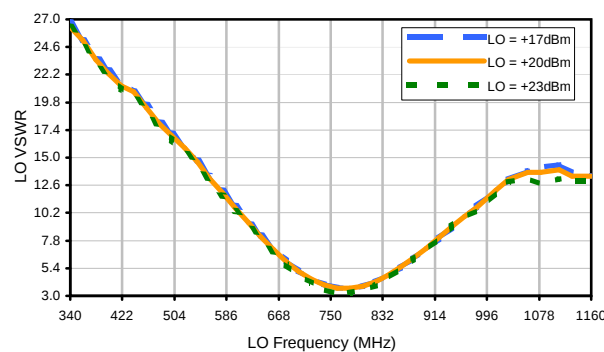
RF-IF Isolation



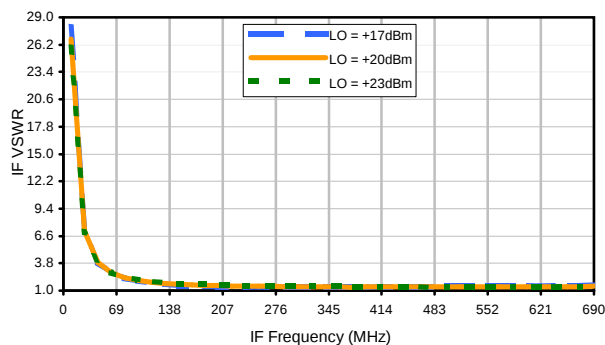
RF VSWR



LO VSWR



IF VSWR



Harmonics Tables

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	24	34	35	22	34	31	35	52	39	43
1	-	28	+0	38	15	46	31	39	39	42	49	46
2	62	68	54	54	68	58	61	66	66	64	>82	70
3	>90	15	38	+0	28	3	53	20	43	33	42	39
4	>90	35	34	24	+8	24	34	35	22	34	31	35
5	>90	20	53	3	28	+0	38	15	46	31	39	39
6	>90	66	61	58	68	54	54	68	58	61	66	66
7	>90	39	31	46	15	38	+0	28	3	53	20	43
8	>90	31	34	22	35	34	24	+8	24	34	35	22
9	>90	42	33	43	20	53	3	28	+0	38	15	46
10	>90	>82	65	66	66	61	58	68	54	54	67	58
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 600 MHz; 0.00 dBm.
LO IN: 800 MHz; +20.00 dBm
IF OUT: 200 MHz; -8 dBm

RF HARMONICS ORDER

	(-dBm)	(-dBc)										
0	-	-	31	54	46	30	44	40	45	56	48	52
1	-	28	+0	38	15	45	31	39	40	42	51	46
2	42	57	45	45	57	48	51	57	57	55	87	61
3	66	15	38	+0	28	3	52	20	42	33	42	40
4	>90	46	55	31	2	31	55	46	30	44	39	45
5	>90	20	52	3	28	+0	38	15	45	31	39	39
6	>90	57	51	48	57	45	45	57	48	51	57	57
7	>90	39	31	45	15	38	+0	28	3	52	20	42
8	>90	39	44	30	46	55	31	2	31	55	46	30
9	>90	42	33	42	20	53	3	28	+0	38	15	45
10	>90	87	55	57	57	51	48	57	45	45	57	48
	RF CAL	0	1	2	3	4	5	6	7	8	9	10

LO HARMONICS ORDER

Test conditions:

RF IN: 600 MHz; 10.00 dBm.
LO IN: 800 MHz; +20.00 dBm
IF OUT: 200 MHz; 2.02 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

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