

List 95

Overseas shipping and PayPal handled through Ed Cole, KL7UW

ALL Prices do not include shipping. CONUS shipping is \$10.30 - \$20+/- (up to for quantity) priority mail insured.

All profits going towards CERTAIN (Rene's and other) EME DXpedition donation of free preamps. Please keep it in mind that I am not a business, I am just an experimenter.

Most of the preamps now come with a printed plot out done directly from my Agilent N8973B / N4000A system showing gain and NF.

BroadBand: new and improved. Various frequency ranges now. See below.

These are used as second stage inside the shack to lower the overall system noise Figure. They are also used as Reference NF and Gain “standards” for comparison and checking your equipment. Also, they make a very good emergency spare unit. and have a High OIP3. The NF across the band varies from .4 to .6 and gain varies from 26dB to 16dB Separate listed by numbers BB1 - BB8.

I have the honor to announce that now KEYSIGHT uses one (now 2 in 2 different divisions) of my broadband preamps in their NF cal lab in Roseville to test NS's and NF meters on very low NF's

Numbers are BB#

Current list of all Broad Band preamps available (List 2):

BroadBand (50Mhz to 1500Mhz, and others listed below), new and improved.

These are used as second stage inside the shack to lower the overall system noise Figure. They are also used as Reference NF and Gain “standards” for comparison and

checking your equipment. Also, they make a very good emergency spare unit and have a High OIP3.

BB1- 10 Mhz to 3.0Ghz, N fm Conn, High OIP3, nf below 3.0to 2Ghz, 17dB Gain +/- to 1.5Ghz falling to 10dB +/- at 3Ghz. \$75 + Shipping (2 available)

BB2- 10 Mhz to 1.5Ghz, N fm Conn, High OIP3, nf below 1.0 (below .5 to 500M) to 2Ghz, 25dB Gain +/- to 1.5Ghz falling to 16dB +/- at 1,5Ghz., usable to 2.5Ghz \$70 + Shipping

BB3- 50 Mhz to 1.5Ghz, SMA fm Conn, High OIP3, nf below 1.0 (below .5 to 1300M) to 1.5Ghz, 25 +/-dB Gain +/- to 10dB at 1.5Ghz \$65 + Shipping (have 1 available)

BB4- 50Mhz to 1.5Ghz, N fm conn, 2 stage With leveling circuit, nf below 1.0 (below .5 to 1000M) to 1.5Ghz, 25 +/-dB Gain +/- to 21dB at 1.5Ghz \$100 + Shipping (Have 4 available)

The numbers listed do not reflect the uncertainties of the equipment used to measure the NF and Gain and are just for comparison. For those that are AR the NF for each is .5dB+/- .5dB and the Gain is 30dB+/- 30dB. tolerances shown to reflect errors and uncertainties.

All 144, 432, 1296 are measured now with a circulator to minimize uncertainties. Also, all were measured on the same instrument (Keysight N8973B/ N4000A Just back from fresh Keysight Cal), but naturally all the numbers are usable for relative comparison only.

Thanks for looking,
Pete WA2ODO

Following numbers are just #

50MHz:

#1 .099dBnf / 25.514dBg, narrow BW, N conn, \$85

#2 .122dBnf / 23.845dBg, narrow BW, N conn, \$75

#3 .133dBnf / 26.494dBg, narrow BW, N conn, \$75

#4 .155dBnf / 26.540dBg, narrow BW, N conn, \$70

144MHz:

#5 SOLD

#6 SOLD

#7 SOLD

#8 SOLD

#9 .101dBnf / 26.464dBg, N conn. \$95

#10 .086dBnf / 26.181dBg, N conn. \$120

#11 .098dBnf / 25.984dBg, N conn. \$100

#12 .088dBnf / 27.020dBg, N conn. \$120

#13 .097dBnf / 25.250dBg, N conn. \$100

#14 .102dBnf / 27.312dBg, N conn. \$95

#15 .107dBnf / 27.311dBg, N conn. \$95

#16 .125dBnf / 26.632dBg, N conn. \$85

#17 SOLD

#18 SOLD

#19 SOLD

#20 SOLD

222MHz:

#21 .174dBnf / 24.459dBg, N conn. \$85

432MHz (new Design):

#22 SOLD

#23 SOLD

#24 .295dBnf / 29.978dBg, N conn. \$85

#25 .298dBnf / 28.437dBg, N conn. \$85

#26 .30dBnf / 26.58dBg, N conn, \$80

#27 .31dBnf / 26.17dBg, N conn, \$80

#28 .33dBnf / 27.38dBg, N conn, \$80

#29 .34dBnf / 30.85dBg, N conn. \$75

#30 .358dBnf / 25.009dBg, N conn. \$75

#31 SOLD

902/3 MHz:

#32 SOLD

1296MHz (Super new design):

#33 .136dBnf / 30.467dBg, N conn, Dual Stage, High OIP3, \$125

#34 .136dBnf / 31.101dBg, N conn, Dual Stage, High OIP3, \$125

#35 .140dBnf / 31.011dBg, SMA conn, Dual Stage, High OIP3, \$125

#36 SOLD

#37 SOLD

#38 .201dBnf / 34.002dBg, SMA conn, Dual Stage, High OIP3, \$95

#39 .207dBnf / 36.423dBg, SMA conn, Dual Stage, High OIP3, \$95

#40 .260dBnf / 36.060dBg, SMA conn, Dual Stage, High OIP3, \$95

#41 .258dBnf / 31.672dBg, SMA conn, Dual Stage, High OIP3, \$95

2304MHz:

#42 .281dBnf / 17.020dBg, precision N conn, \$95

#43 SOLD

#44 SOLD

#45 .439dBnf / 31.992dBg, precision N conn, Dual Stage, High OIP3, \$85

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Also, all were measured on the same instrument (NEW and most recent model Agilent N8973b / N4000A Just back from fresh Agilent Cal) , but naturally all the numbers are usable for relative comparison only.

**Thanks for looking,
Pete WA2ODO**

NOTE FROM KL7UW:

SOLD means item has been spoken for but not yet paid

SOLD means item has been paid and ordered

SOLD means item was sold by Pete-WA2ODO and is not being handled by KL7UW