




Radio Port 210/220/230 Country/Region Approval Status

Country/Region	Module (J9001A)	Module (J9003A)	RP-210 (J9004A)	RP-220 (J9005A)	RP-230 (J9006A)	Comments
<b>Americas</b>						
Argentina						
Brazil						Indoor use only from 5150-5350 / 5725-5850 MHz
Canada						Indoor use only from 5150-5250 MHz
Chile						Indoor use only for all bands
Mexico						
Peru						Indoor use only from 5150-5250 MHz
United States						Indoor use only from 5150-5250 MHz
<b>Asia-Pacific</b>						
Australia						Indoor use only from 5150-5350 MHz
China						Internal antenna support only
Hong Kong						
India						Indoor use only from 5150-5350 / 5725-5850 MHz
Indonesia						2.4 GHz operation only (dual-band radios not permitted)
Japan						
Korea						Indoor use only from 5150-5350 MHz
Macau						Indoor use only 2400-2483.5 / 5725-5850 MHz
Malaysia						Indoor use only from 5150-5350 MHz
New Zealand						Indoor use only from 5150-5350 MHz
Pakistan						
Philippines						
Singapore						
Taiwan						
Thailand						
Vietnam						
<b>EMEA</b>						
Armenia						
Austria						Indoor use only from 5150-5350 MHz
Azerbaijan						
Belgium						Indoor use only from 5150-5350 MHz
Bulgaria						Indoor use only from 5150-5350 MHz
Croatia						Indoor use only from 5150-5350 MHz
Cyprus						Indoor use only from 5150-5350 MHz
Czech Republic						Indoor use only from 5150-5350 MHz
Denmark						Indoor use only from 5150-5350 MHz
Egypt						
Estonia						Indoor use only from 5150-5350 MHz
Finland						Indoor use only from 5150-5350 MHz
France						Indoor use only from 2454-2483.5 / 5150-5350 MHz
Georgia						
Germany						Indoor use only from 5150-5350 MHz
Greece						Indoor use only from 5150-5350 MHz
Hungary						Indoor use only from 5150-5350 MHz
Iceland						Indoor use only from 5150-5350 MHz
Ireland						Indoor use only from 5150-5350 MHz
Israel						Issue with 5 GHz operation
Italy						Indoor use only from 5150-5350 MHz
Jordan						Indoor use only from 5150-5250 MHz
Kazakhstan						Importer must apply for certification at time of shipment
Latvia						Indoor use only from 5150-5350 MHz
Lebanon						
Liechtenstein						Indoor use only from 5150-5350 MHz
Lithuania						Indoor use only from 5150-5350 MHz
Luxembourg						Indoor use only from 5150-5350 MHz
Malta						
Macedonia						
Mauritius						
Moldavia						
Morocco						Indoor use only from 5250-5350 MHz
Netherlands						Indoor use only from 5150-5350 MHz
Norway						Indoor use only from 5150-5350 MHz
Poland						Indoor use only from 5150-5350 MHz

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Portugal						Indoor use only from 5150-5350 MHz
Qatar						
Romania						Indoor use only from 5150-5250 MHz
Russia						Indoor use only from 5150-5350 MHz
Saudi Arabia						Indoor use only from 5150-5350 MHz
Serbia						
Slovakia						Indoor use only from 5150-5350 MHz
Slovenia						Indoor use only from 5150-5350 MHz
South Africa						Indoor use only from 5150-5350 MHz
Spain						Indoor use only from 5150-5350 MHz
Sweden						Indoor use only from 5150-5350 MHz
Switzerland						Indoor use only from 5150-5350 MHz
Tunisia						2.4 GHz operation only
Turkey						Indoor use only from 5150-5350 MHz
Ukraine						Indoor use only from 5150-5350 MHz
U.A.E.						
United Kingdom						Indoor use only from 5150-5350 MHz
Uzbekistan						

### KEY:

-  Radio Port approved for use in this country/region
-  Submittal is in process but not completed at this time. Shipments temporarily prohibited.
-  Radio Port not approved for use in this country/region

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RP-220 External Antenna Country/Region Approval Status

Country/Region	J8441A	J8444A	J8448B	J8997A	J8998A	J8999A	J9000A
<b>Americas</b>							
Argentina							
Brazil							
Canada							
Chile							
Mexico							
Peru							
United States							
<b>Asia-Pacific</b>							
Australia							
China							
Hong Kong							
India							
Indonesia							
Japan							
Korea							
Macau							
Malaysia							
New Zealand							
Pakistan							
Philippines							
Singapore							
Taiwan							
Thailand							
Vietnam							
<b>EMEA</b>							
Armenia							
Austria							
Azerbaijan							
Belgium							
Bulgaria							
Croatia							
Cyprus							
Czech Republic							
Denmark							
Egypt							
Estonia							
Finland							
France							
Georgia							
Germany							
Greece							
Hungary							
Iceland							
Ireland							
Israel							
Italy							
Jordan							
Kazakhstan							
Latvia							
Lebanon							
Liechtenstein							
Lithuania							
Luxembourg							
Malta							
Macedonia							

## RP-220 External Antenna Country/Region Approval Status

Country/Region	J8441A	J8444A	J8448B	J8997A	J8998A	J8999A	J9000A
Mauritius							
Moldavia							
Morocco							
Netherlands							
Norway							
Poland							
Portugal							
Qatar							
Romania							
Russia							
Saudi Arabia							
Serbia							
Slovakia							
Slovenia							
South Africa							
Spain							
Sweden							
Switzerland							
Tunisia							
Turkey							
Ukraine							
U.A.E.							
United Kingdom							
Uzbekistan							

### KEY:

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-  Submittal is in process but not completed at this time. Use of antenna temporarily prohibited.
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### NOTES:

- 1 RF Power setting of RP-220 must be set at or below maximum level recommended in RF Power Matrix when using external antennas. RF Power Matrix is accessible from PNB's Radio Port Manuals page at <http://www.hp.com/rnd/support/manuals/rports.htm> . Failure to adhere to the RF power levels listed in the matrix may result in non-compliant operation.
- 2 RP-220 not approved for use in China, Indonesia or Israel.

### ANTENNA DESCRIPTION:

- J8441A: 4.4 dBi Omni Dipole (2.4 GHz)
- J8444A: 7.4 dBi Omni Dipole (2.4 GHz)
- J8448B: 13.8 dBi Yagi (2.4 GHz)
- J8997A: 3/4 dBi Dual-Band Omni Panel (2.4/5 GHz)
- J8998A: 6.3 dBi Omni Dipole (5 GHz)
- J8999A: 6.9/7.7 dBi Dual-Band Directional Panel (2.4/5 GHz)
- J9000A: 13.3 dBi Directional Panel (5 GHz)

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