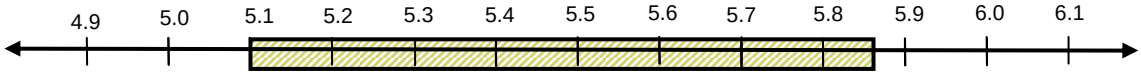
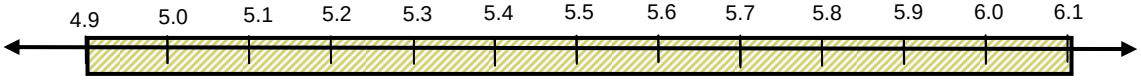
P2P Backhaul Products Comparison:

	Redline	Motorola	Proxim	Lohuis
Code	**AN50**	**200 Series**	**QuickBridge.11**	**P Series**
TX power (dBm)	20	18	20	Up to 28
RX Sensitivity (dBm)	-86	-89	-90	-94
5GHz Frequency	5.47-5.85	5.47 – 5.72	5.15-6.08	4.92-6.10
Channel Width	20	5/10	5/10/20	5/10/20/40
Channel Number	5	25	82	230+
Time Division Duplex	Yes	No	No	Yes
Multi Radio (Option)	No	No	No	Yes (Dual)
Integrated Antenna	23	17	23	Up to 28
POE	No	Yes	Yes	Yes
E1 Interface	No	No	No	External

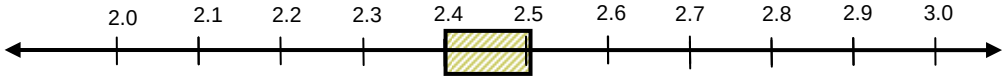
5.8 GHz Spectrum in Typical Hardware



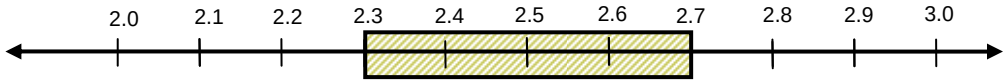
5.8 GHz Spectrum in LOHUIS Products



2.4 GHz Spectrum in Typical Hardware



2.4 GHz Spectrum in LOHUIS Products



LohuisNetworks

Voltlaan 408 – 2681 TV Monster – Netherlands
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Email : Info@lohuisnetworks.com
Website : www.lohuisnetworks.com

International Numbers:

Dubai :	+97142280111
United States:	+12123812983
United Kingdom:	+442033557669
France :	+33170612716
Italy:	+390662207084
Japan:	+81345506867
Argentina:	+541152391407
Brazil :	+552135219853
Pakistan:	+92217019804

Products Highlights:

- **LOHU 2327L:**
  - Wide Operational Frequency (2.3-2.7GHz)
  - TDD Technology Support.
  - 80+ None-overlapping Channels.
  - P2P/P2MP Solution.
  - Integrated 16dbi antenna.
  - 802.11af POE Support.
  - Easy to use Web GUI.
  - 5/10/20 Channel Width Support.
- **LOHU 5160L:**
  - Wide Operational Frequency (4.92-6.1GHz)
  - TDD Technology Support.
  - 230+ Configurable Channels.
  - P2P/P2MP Solution.
  - Integrated 22dbi antenna.
  - 802.11af POE Support.
  - Easy to use Web GUI.
  - 5/10/20/40 Channel Width Support.
  - Up to 108Mbps Physical Wireless Speed.
- **LOHU 5160P:**
  - Wide Operational Frequency (4.92-6.1GHz)
  - Powerful 266Mhz ARM Network CPU
  - TDD Technology Support.
  - Atheros XRange Technology Support.
  - Packet Aggregation Technology Support.
  - Multicast Optimization Technology Support.
  - High Radio Output Power 25dbm , Up to 28dbm (Optional)
  - 230+ Configurable Channels.
  - Pure P2P Backhauling Solution.
  - Integrated 22dbi antenna.
  - POE Support.
  - Easy to use Web GUI.
  - 5/10/20/40 Channel Width Support.
  - Up to 108Mbps Physical Wireless Speed.
  - RF Module Upgradeable.
- **LOHU 4961PX:**
  - Wide Operational Frequency (4.92-6.1GHz)
  - Powerful 266Mhz ARM Network CPU
  - TDD Technology Support.
  - Atheros XRange Technology Support.
  - Packet Aggregation Technology Support.

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- Multicast Optimization Technology Support.
- High Radio Output Power 600mw/28dbm.
- 230+ Configurable Channels.
- Pure P2P Backhauling Solution.
- External N Female Connector.
- POE Support.
- Easy to use Web GUI.
- 5/10/20/40 Channel Width Support.
- Up to 108Mbps Physical Wireless Speed.
- RF Module Upgradeable.

- LOHU Dual 5160P:

- Wide Operational Frequency (4.92-6.1GHz).
- Powerful 533Mhz ARM Network CPU
- Full Duplex Wireless Link Support.
- Dual Radio Bonding Technology (One For RX and One For TX).
- Dual Polarized 20dbi Integrated antenna.
- TDD Technology Support.
- Atheros XRange Technology Support.
- Packet Aggregation Technology Support.
- Multicast Optimization Technology Support.
- High Radio Output Power 300mw/25dbm (28dbm Optional).
- 230+ Configurable Channels.
- Pure P2P Backhauling Solution.
- POE Support.
- Easy to use Web GUI.
- 5/10/20/40 Channel Width Support.
- Up to 200Mbps Physical Wireless Speed.
- RF Module Upgradeable.

- LOHU 2425PX:

- Standard Frequency Range (2.412- 2.484 GHz).
- Powerful 266Mhz ARM Network CPU Can Handle Up to 100 Concurrent users.
- SuperG Technology Support.
- High Radio Output Power 600mw/28dbm , 1000mw/30dbm (Optional).
- WDS , Smart WDS and Repeater Modes .
- Outdoor and Outdoor to Indoor Hotspot coverage solution.
- 801.11af POE Support
- Easy to use Web GUI.
- Up to 108Mbps Physical Wireless Speed.
- RF Module Upgradeable.

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