



POINTRED Technologies Inc.

BROADBAND WIRELESS ACCESS SYSTEM

5.7 GHz Addendum

rev 1.0

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FCC Emission Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when equipment is operated in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Hazard Warning

To ensure compliance with FCC RF exposure requirements, this device must be professionally installed outdoors on a permanent structure with an antenna that is separated from all persons by a minimum of two (2) meters. Using higher gain antennas and types of antennas not covered under FCC certification of this product is not allowed. Installers of the radio and end users of the system must adhere to instructions provided in this manual.

FCC Information Regarding Installation

This transmitter may not be co-located or operating in conjunction with other transmitters or antennas separated by less than two (2) meters.

This product may be used with a number of different antennas in either point to point (p2p) or point to multipoint (p2mp) configurations. For the 5.7 ISM band, FCC Rule paragraph 15.247 allows a maximum EIRP of 36 dBm for point to multipoint operation. Point to point operation is allowed unlimited EIRP. The installer shall insure that the maximum power delivered to antennas is in keeping with the table below:

Antenna Description	Antenna Gain	Maximum Power Point to Multipoint (p2mp)	Maximum Power Point to Point (p2p)
Dish	28 dBi	8 dBm	23 dBm
Flat Panel	23 dBi	13 dBm	23 dBm
Flat Panel	21 dBi	15 dBm	23 dBm
Flat Panel	19 dBi	17 dBm	23 dBm
Sector	16 dBi	20 dBm	23 dBm

Safety



Warning: To avoid shock, do not open or attempt to service the unit or its associated power supply. This unit is not a user serviceable device.

Warning: Do not touch antennas when transmission is in progress. Possible adverse health affects can occur.

Warning: Explosive device proximity warning-do not operate your wireless network device near unshielded blasting caps or in an explosive environment unless the device has been modified to be especially qualified for such use.



Caution: This instrument transmits radio frequency energy during normal operation. Do not stand or work in close proximity for extended periods of time to avoid possible harmful exposure. The long-term health effects of exposure to radio frequency energy are not fully understood.

Caution: When performing antenna installation and grounding ensure that it presents no threat to people and property. Verify that the antenna mast is grounded properly and is protected from voltage surges and static charges. Observe all regional and national building and safety regulations.

Contacting PointRed Technologies for Information or Support

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