

Statement of compliance to Maximum Permissible Exposure (MPE)

Applicant : Pass & Seymour, Inc., d/b/a Legrand
301 Fulling Mill Rd, Suite G, Middletown, PA 17057, USA

Manufacturer : Pass & Seymour, Inc., d/b/a Legrand
301 Fulling Mill Rd, Suite G, Middletown, PA 17057, USA

Factory : Hangzhou Samko Electronics Co. Ltd.
No.8,Jiaqi Road,Xianlin Street,Yuhang District, Hangzhou, China.

Product Name : Wireless Zone Player

Type/Model : NV-P200

TEST RESULT : PASS

According to §2.1091, §2.1093 and §1.1307(b), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

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Prepared by:



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Approved by:



Daniel Zhao (Reviewer)

Power density (S) is calculated according to the formula:

$$S = PG / (4\pi R^2)$$

Where S = power density in mW/cm²

P = transmit power in mW

G = numeric gain of transmit antenna (numeric gain=Log-1(dB antenna gain/10))

R = distance (cm)

As we can see from the test report 180401196SHA-001 and FCC ID: RYK-WUBM273ACN:

The calculations in the table below use the highest gain of antenna for the EUT. These calculations represent worst case in terms of the exposure levels.

Mode	Frequency band	Max Power	Antenna Gain	R	S	Limits
	(MHz)	dBm	dBi	(cm)	(mW/cm ²)	(mW/cm ²)
Bluetooth	2400 -2483.5	3.67	2.00	20	0.0007	1
WiFi	2400 -2483.5	24.00	6.01	20	0.1995	1
	5150-5250	23.00	8.01	20	0.2512	1
	5725-5850					
	5150-5250					
	5470-5725					

Note: 1 mW/cm² from 1.310 Table 1

For the device supporting simultaneous transmission of WiFi and Bluetooth, according to KDB 447498 D01 General RF Exposure Guidance v06, the worst MPE = 0.2512 + 0.0007 = 0.2519 < 1

Appendix I

Definition below must be outlined in the User Manual:

To satisfy FCC RF exposure requirements, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation. To ensure compliance, operations at closer than this distance is not recommended.