

In-service Date : 2024-05-15

Application Summary

Applicant Address

Company Name	TP-LINK CORPORATION PTE. LTD
Administrative Contact	--
Certification Letter Contact	--
Agent	--

Canadian Representative

Account Number	9803A
Company Name	TP-LINK Canada Inc
Country	CAN

Application

Certification/Registration Number	31152 - EAP615GPW
Category	Radio
Device Type	Finished product (radio/terminal/dual)
Desired Listing Date	2024-05-15 06:30
Web Transaction ID	--

Model(s)

Radio Model 1

Equipment Type	Transmitter
Hardware Version Identification Number (HVIN)	EAP615GP-Wall
Firmware Version Identification Number (FVIN)	--
Product Marketing Name (PMN)	AX1800 Wall Plate Wi-Fi 6 GPON Access Point
Host Marketing Name (HMN)	--
Equipment Description	AX1800 Wall Plate Wi-Fi 6 GPON Access Point
Wireless Lab Company Number	4428B
Is specific absorption rate (SAR) evaluation applicable?	No
Is RF exposure evaluation applicable?	No
Is nerve stimulation (NS) exposure evaluation applicable?	No
Is localized Power Density above 6 GHz applicable?	No
Is Hearing Aid Compatibility (HAC) applicable?	No

Emission(s)

Emission 1

Radio Standard Specification (RSS)	RSS247 Non-DFS
Issue	3
Technology	Wifi 1 (802.11b)
Band Class	--
Frequency Range (min. or single frequency) [MHz]	2412
Frequency Range (max.) [MHz]	2462
RF Power (min) [W]	0.1897
RF Power (maximum) [W]	0.1932
Field Strength	--
Unit	--
Distance	--
Measurement Method	99%
Radio Type	Digital
Measured Bandwidth [kHz]	12880
Emission Classification	12M9G1D
Transmitter Spurious (worst case)	53.81
Unit	dBuV
Distance	3m

Emission 2

Radio Standard Specification (RSS)	RSS247 Non-DFS
Issue	3
Technology	Wifi 3 (802.11g)
Band Class	--
Frequency Range (min. or single frequency) [MHz]	2412
Frequency Range (max.) [MHz]	2462
RF Power (min) [W]	0.1122
RF Power (maximum) [W]	0.2004
Field Strength	--
Unit	--
Distance	--
Measurement Method	99%
Radio Type	Digital
Measured Bandwidth [kHz]	17040
Emission Classification	17M0D1D
Transmitter Spurious (worst case)	53.81
Unit	dBuV
Distance	3m

Emission 3

Radio Standard Specification (RSS)	RSS247 Non-DFS
Issue	3
Technology	Wifi 4 (802.11n)
Band Class	--
Frequency Range (min. or single frequency) [MHz]	2412
Frequency Range (max.) [MHz]	2462
RF Power (min) [W]	0.0989

RF Power (maximum) [W]	0.1928
Field Strength	--
Unit	--
Distance	--
Measurement Method	99%
Radio Type	Digital
Measured Bandwidth [kHz]	17840
Emission Classification	17M8D1D
Transmitter Spurious (worst case)	53.81
Unit	dBuV
Distance	3m

Emission 4

Radio Standard Specification (RSS)	RSS247 Non-DFS
Issue	3
Technology	Wifi 6 (802.11ax)
Band Class	--
Frequency Range (min. or single frequency) [MHz]	2412
Frequency Range (max.) [MHz]	2462
RF Power (min) [W]	0.1054
RF Power (maximum) [W]	0.1986
Field Strength	--
Unit	--
Distance	--
Measurement Method	99%
Radio Type	Digital
Measured Bandwidth [kHz]	19200
Emission Classification	19M2D1D
Transmitter Spurious (worst case)	53.81
Unit	dBuV
Distance	3m

Emission 5

Radio Standard Specification (RSS)	RSS247 Non-DFS
Issue	3
Technology	Wifi 4 (802.11n)
Band Class	--
Frequency Range (min. or single frequency) [MHz]	2422
Frequency Range (max.) [MHz]	2452
RF Power (min) [W]	0.0747
RF Power (maximum) [W]	0.1047
Field Strength	--
Unit	--
Distance	--
Measurement Method	99%
Radio Type	Digital
Measured Bandwidth [kHz]	36640

Emission Classification	36M6D1D
Transmitter Spurious (worst case)	53.81
Unit	dBuV
Distance	3m

Emission 6

Radio Standard Specification (RSS)	RSS247 Non-DFS
Issue	3
Technology	Wifi 6 (802.11ax)
Band Class	--
Frequency Range (min. or single frequency) [MHz]	2422
Frequency Range (max.) [MHz]	2452
RF Power (min) [W]	0.0753
RF Power (maximum) [W]	0.0964
Field Strength	--
Unit	--
Distance	--
Measurement Method	99%
Radio Type	Digital
Measured Bandwidth [kHz]	38080
Emission Classification	38M1D1D
Transmitter Spurious (worst case)	53.81
Unit	dBuV
Distance	3m

Emission 7

Radio Standard Specification (RSS)	RSS247 Non-DFS
Issue	3
Technology	Wifi 2 (802.11a)
Band Class	--
Frequency Range (min. or single frequency) [MHz]	5180
Frequency Range (max.) [MHz]	5240
RF Power (min) [W]	0.0434
RF Power (maximum) [W]	0.0442
Field Strength	--
Unit	--
Distance	--
Measurement Method	99%
Radio Type	Digital
Measured Bandwidth [kHz]	17100
Emission Classification	17M1D1D
Transmitter Spurious (worst case)	53.9
Unit	dBuV
Distance	3m

Emission 8

Radio Standard Specification (RSS)	RSS247 Non-DFS
Issue	3
Technology	Wifi 4 (802.11n)
Band Class	--
Frequency Range (min. or single frequency) [MHz]	5180
Frequency Range (max.) [MHz]	5240
RF Power (min) [W]	0.0446
RF Power (maximum) [W]	0.0824
Field Strength	--
Unit	--
Distance	--
Measurement Method	99%
Radio Type	Digital
Measured Bandwidth [kHz]	17800
Emission Classification	17M8D1D
Transmitter Spurious (worst case)	53.9
Unit	dBuV
Distance	3m

Emission 9

Radio Standard Specification (RSS)	RSS247 Non-DFS
Issue	3
Technology	Wifi 5 (802.11ac)
Band Class	--
Frequency Range (min. or single frequency) [MHz]	5180
Frequency Range (max.) [MHz]	5240
RF Power (min) [W]	0.0446
RF Power (maximum) [W]	0.0824
Field Strength	--
Unit	--
Distance	--
Measurement Method	99%
Radio Type	Digital
Measured Bandwidth [kHz]	17800
Emission Classification	17M8D1D
Transmitter Spurious (worst case)	53.9
Unit	dBuV
Distance	3m

Emission 10

Radio Standard Specification (RSS)	RSS247 Non-DFS
Issue	3
Technology	Wifi 6 (802.11ax)
Band Class	--
Frequency Range (min. or single frequency) [MHz]	5180
Frequency Range (max.) [MHz]	5240
RF Power (min) [W]	0.0419

RF Power (maximum) [W]	0.0813
Field Strength	--
Unit	--
Distance	--
Measurement Method	99%
Radio Type	Digital
Measured Bandwidth [kHz]	19300
Emission Classification	19M3D1D
Transmitter Spurious (worst case)	53.9
Unit	dBuV
Distance	3m

Emission 11

Radio Standard Specification (RSS)	RSS247 Non-DFS
Issue	3
Technology	Wifi 4 (802.11n)
Band Class	--
Frequency Range (min. or single frequency) [MHz]	5190
Frequency Range (max.) [MHz]	5230
RF Power (min) [W]	0.0822
RF Power (maximum) [W]	0.1514
Field Strength	--
Unit	--
Distance	--
Measurement Method	99%
Radio Type	Digital
Measured Bandwidth [kHz]	36400
Emission Classification	36M4D1D
Transmitter Spurious (worst case)	53.9
Unit	dBuV
Distance	3m

Emission 12

Radio Standard Specification (RSS)	RSS247 Non-DFS
Issue	3
Technology	Wifi 5 (802.11ac)
Band Class	--
Frequency Range (min. or single frequency) [MHz]	5190
Frequency Range (max.) [MHz]	5230
RF Power (min) [W]	0.0822
RF Power (maximum) [W]	0.1514
Field Strength	--
Unit	--
Distance	--
Measurement Method	99%
Radio Type	Digital
Measured Bandwidth [kHz]	36400

Emission Classification	36M4D1D
Transmitter Spurious (worst case)	53.9
Unit	dBuV
Distance	3m

Emission 13

Radio Standard Specification (RSS)	RSS247 Non-DFS
Issue	3
Technology	Wifi 6 (802.11ax)
Band Class	--
Frequency Range (min. or single frequency) [MHz]	5190
Frequency Range (max.) [MHz]	5230
RF Power (min) [W]	0.0419
RF Power (maximum) [W]	0.0813
Field Strength	--
Unit	--
Distance	--
Measurement Method	99%
Radio Type	Digital
Measured Bandwidth [kHz]	38000
Emission Classification	38M0D1D
Transmitter Spurious (worst case)	53.9
Unit	dBuV
Distance	3m

Emission 14

Radio Standard Specification (RSS)	RSS247 Non-DFS
Issue	3
Technology	Wifi 6 (802.11ax)
Band Class	--
Frequency Range (min. or single frequency) [MHz]	5210
Frequency Range (max.) [MHz]	5210
RF Power (min) [W]	0.0984
RF Power (maximum) [W]	0.1778
Field Strength	--
Unit	--
Distance	--
Measurement Method	99%
Radio Type	Digital
Measured Bandwidth [kHz]	79200
Emission Classification	79M2D1D
Transmitter Spurious (worst case)	53.9
Unit	dBuV
Distance	3m

Emission 15

Radio Standard Specification (RSS)	RSS247 Non-DFS
Issue	3
Technology	Wifi 6 (802.11ax)
Band Class	--
Frequency Range (min. or single frequency) [MHz]	5210
Frequency Range (max.) [MHz]	5210
RF Power (min) [W]	0.0991
RF Power (maximum) [W]	0.1866
Field Strength	--
Unit	--
Distance	--
Measurement Method	99%
Radio Type	Digital
Measured Bandwidth [kHz]	78800
Emission Classification	78M8D1D
Transmitter Spurious (worst case)	53.9
Unit	dBuV
Distance	3m

Emission 16

Radio Standard Specification (RSS)	RSS247 Non-DFS
Issue	3
Technology	Wifi 2 (802.11a)
Band Class	--
Frequency Range (min. or single frequency) [MHz]	5745
Frequency Range (max.) [MHz]	5825
RF Power (min) [W]	0.1914
RF Power (maximum) [W]	0.2056
Field Strength	--
Unit	--
Distance	--
Measurement Method	99%
Radio Type	Digital
Measured Bandwidth [kHz]	17200
Emission Classification	17M2D1D
Transmitter Spurious (worst case)	53.9
Unit	dBuV
Distance	3m

Emission 17

Radio Standard Specification (RSS)	RSS247 Non-DFS
Issue	3
Technology	Wifi 4 (802.11n)
Band Class	--
Frequency Range (min. or single frequency) [MHz]	5745
Frequency Range (max.) [MHz]	5825
RF Power (min) [W]	0.166

RF Power (maximum) [W]	0.2004
Field Strength	--
Unit	--
Distance	--
Measurement Method	99%
Radio Type	Digital
Measured Bandwidth [kHz]	18200
Emission Classification	18M2D1D
Transmitter Spurious (worst case)	53.9
Unit	dBuV
Distance	3m

Emission 18

Radio Standard Specification (RSS)	RSS247 Non-DFS
Issue	3
Technology	Wifi 5 (802.11ac)
Band Class	--
Frequency Range (min. or single frequency) [MHz]	5745
Frequency Range (max.) [MHz]	5825
RF Power (min) [W]	0.166
RF Power (maximum) [W]	0.2004
Field Strength	--
Unit	--
Distance	--
Measurement Method	99%
Radio Type	Digital
Measured Bandwidth [kHz]	18200
Emission Classification	18M2D1D
Transmitter Spurious (worst case)	53.9
Unit	dBuV
Distance	3m

Emission 19

Radio Standard Specification (RSS)	RSS247 Non-DFS
Issue	3
Technology	Wifi 6 (802.11ax)
Band Class	--
Frequency Range (min. or single frequency) [MHz]	5745
Frequency Range (max.) [MHz]	5825
RF Power (min) [W]	0.1675
RF Power (maximum) [W]	0.1995
Field Strength	--
Unit	--
Distance	--
Measurement Method	99%
Radio Type	Digital
Measured Bandwidth [kHz]	19500

Emission Classification	19M5D1D
Transmitter Spurious (worst case)	53.9
Unit	dBuV
Distance	3m

Emission 20

Radio Standard Specification (RSS)	RSS247 Non-DFS
Issue	3
Technology	Wifi 4 (802.11n)
Band Class	--
Frequency Range (min. or single frequency) [MHz]	5755
Frequency Range (max.) [MHz]	5795
RF Power (min) [W]	0.1778
RF Power (maximum) [W]	0.1892
Field Strength	--
Unit	--
Distance	--
Measurement Method	99%
Radio Type	Digital
Measured Bandwidth [kHz]	37200
Emission Classification	37M2D1D
Transmitter Spurious (worst case)	53.9
Unit	dBuV
Distance	3m

Emission 21

Radio Standard Specification (RSS)	RSS247 Non-DFS
Issue	3
Technology	Wifi 5 (802.11ac)
Band Class	--
Frequency Range (min. or single frequency) [MHz]	5755
Frequency Range (max.) [MHz]	5795
RF Power (min) [W]	0.1778
RF Power (maximum) [W]	0.1892
Field Strength	--
Unit	--
Distance	--
Measurement Method	99%
Radio Type	Digital
Measured Bandwidth [kHz]	37200
Emission Classification	37M2D1D
Transmitter Spurious (worst case)	53.9
Unit	dBuV
Distance	3m

Emission 22

Radio Standard Specification (RSS)	RSS247 Non-DFS
Issue	3
Technology	Wifi 6 (802.11ax)
Band Class	--
Frequency Range (min. or single frequency) [MHz]	5755
Frequency Range (max.) [MHz]	5795
RF Power (min) [W]	0.177
RF Power (maximum) [W]	0.1941
Field Strength	--
Unit	--
Distance	--
Measurement Method	99%
Radio Type	Digital
Measured Bandwidth [kHz]	38600
Emission Classification	38M6D1D
Transmitter Spurious (worst case)	53.9
Unit	dBuV
Distance	3m

Emission 23

Radio Standard Specification (RSS)	RSS247 Non-DFS
Issue	3
Technology	Wifi 5 (802.11ac)
Band Class	--
Frequency Range (min. or single frequency) [MHz]	5775
Frequency Range (max.) [MHz]	5775
RF Power (min) [W]	0.195
RF Power (maximum) [W]	0.2104
Field Strength	--
Unit	--
Distance	--
Measurement Method	99%
Radio Type	Digital
Measured Bandwidth [kHz]	76800
Emission Classification	76M8D1D
Transmitter Spurious (worst case)	53.9
Unit	dBuV
Distance	3m

Emission 24

Radio Standard Specification (RSS)	RSS247 Non-DFS
Issue	3
Technology	Wifi 6 (802.11ax)
Band Class	--
Frequency Range (min. or single frequency) [MHz]	5775
Frequency Range (max.) [MHz]	5775
RF Power (min) [W]	0.1982

RF Power (maximum) [W]	0.2143
Field Strength	--
Unit	--
Distance	--
Measurement Method	99%
Radio Type	Digital
Measured Bandwidth [kHz]	77600
Emission Classification	77M6D1D
Transmitter Spurious (worst case)	53.9
Unit	dBuV
Distance	3m

Product Categories

Wireless Local Area Network Device (Indoor Only)

Attachment(s)

Attachment 1

File Name

[18. Internal Photos.pdf\(PDF Version, 2,051.539 KB, 5 pages\)PDF Readers](#)

Description Type	Photos - internal
Confidentiality Type	Not Confidential
Size	2.0 MB

Attachment 2

File Name

[14. Users Manual part2.pdf\(PDF Version, 544.606 KB, 10 pages\)PDF Readers](#)

Description Type	Product manual
Confidentiality Type	Not Confidential
Size	544.6 kB

Attachment 3

File Name

[8. ISED-Application-Form.pdf\(PDF Version, 249.503 KB, 3 pages\)PDF Readers](#)

Description Type	RSP-100 Annex A - Application
Confidentiality Type	Not Confidential
Size	249.5 kB

Attachment 4

File Name

[14. Users Manual part1.pdf\(PDF Version, 643.365 KB, 2 pages\)PDF Readers](#)

Description Type	Product manual
Confidentiality Type	Not Confidential
Size	643.4 kB

Attachment 5

File Name

[16. Block Diagram.pdf\(PDF Version, 1,039.335 KB, 3 pages\)PDF Readers](#)

Description Type	Block Diagram
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Confidentiality Type
Size

Long-Term Confidentiality
1.0 MB

Attachment 6

File Name

[21. RSP-100 Annex C cover letter.pdf\(PDF Version, 148.794 KB, 1 pages\)PDF Readers](#)

Description Type

Application Cover Letter

Confidentiality Type

Not Confidential

Size

148.8 kB

Attachment 7

File Name

[13. IC MPE BTL-ISED-3-2312G170 MPE R00.pdf\(PDF Version, 100.412 KB, 1 pages\)PDF Readers](#)

Description Type

RF Exposure Evaluation (> 20 cm)

Confidentiality Type

Not Confidential

Size

100.4 kB

Attachment 8

File Name

[17. Operation Description rev1.pdf\(PDF Version, 22.815 KB, 2 pages\)PDF Readers](#)

Description Type

Description of Device

Confidentiality Type

Long-Term Confidentiality

Size

22.8 kB

Attachment 9

File Name

[19. External Photos.pdf\(PDF Version, 560.285 KB, 3 pages\)PDF Readers](#)

Description Type

Photos - external

Confidentiality Type

Not Confidential

Size

560.3 kB

Attachment 10

File Name

[31. IC Cover-Letter.pdf\(PDF Version, 50.304 KB, 1 pages\)PDF Readers](#)

Description Type

Application Cover Letter

Confidentiality Type

Not Confidential

Size

50.3 kB

Attachment 11

File Name

[4. ISED REL Letter.pdf\(PDF Version, 179.216 KB, 1 pages\)PDF Readers](#)

Description Type

Application Cover Letter

Confidentiality Type

Not Confidential

Size

179.2 kB

Attachment 12

File Name

[5. Canadian Representative Letter.pdf\(PDF Version, 34.543 KB, 1 pages\)PDF Readers](#)

Description Type

Canadian Representative Letter

Confidentiality Type

Not Confidential

Size

34.5 kB

Attachment 13

File Name

[9. Test-Report-Cover-Sheet rev2.pdf\(PDF Version, 563.97 KB, 4 pages\)PDF Readers](#)

Description Type	RSP-100 Annex B - Test Report Cover Sheet
Confidentiality Type	Not Confidential
Size	564.0 kB

Attachment 14

File Name

[15. Schematics.pdf\(PDF Version, 1,883.023 KB, 18 pages\)PDF Readers](#)

Description Type	Schematics
Confidentiality Type	Long-Term Confidentiality
Size	1.8 MB

Attachment 15

File Name

[12. Test Report BTL-ISED-2-2312G170 WLAN 5G Bnad 1 4 R02 rev2_part2.pdf\(PDF Version, 5,147.322 KB, 52 pages\)PDF Readers](#)

Description Type	Test Report
Confidentiality Type	Not Confidential
Size	5.0 MB

Attachment 16

File Name

[3. ISED Agent Authorization letter.pdf\(PDF Version, 150.259 KB, 1 pages\)PDF Readers](#)

Description Type	Agent/Authorization Agreement
Confidentiality Type	Not Confidential
Size	150.3 kB

Attachment 17

File Name

[12. Test Report BTL-ISED-1-2312G170 WLAN 2.4G R02 rev2_part2.pdf\(PDF Version, 5,292.871 KB, 13 pages\)PDF Readers](#)

Description Type	Test Report
Confidentiality Type	Not Confidential
Size	5.2 MB

Attachment 18

File Name

[12. Test Report BTL-ISED-1-2312G170 WLAN 2.4G R02 rev2_part3.pdf\(PDF Version, 2,120.204 KB, 5 pages\)PDF Readers](#)

Description Type	Test Report
Confidentiality Type	Not Confidential
Size	2.1 MB

Attachment 19

File Name

[11. IC WIFI Test Setup Photos.pdf\(PDF Version, 932.616 KB, 5 pages\)PDF Readers](#)

Description Type	Test Report
Confidentiality Type	Not Confidential

Size	932.6 kB
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Attachment 20

File Name

[7. ISED Confidentiality Request Letter.pdf\(PDF Version, 49.727 KB, 1 pages\)PDF Readers](#)

Description Type	Confidentiality Request
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Confidentiality Type	Not Confidential
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Size	49.7 kB
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Attachment 21

File Name

[12. Test Report BTL-ISED-1-2312G170_WLAN 2.4G R02 rev2_part1.pdf\(PDF Version, 5,438.425 KB, 127 pages\)PDF Readers](#)

Description Type	Test Report
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Confidentiality Type	Not Confidential
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Size	5.3 MB
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Attachment 22

File Name

[10. RSS-102 ANNEX C rev1.pdf\(PDF Version, 12.742 KB, 1 pages\)PDF Readers](#)

Description Type	RSS-102 Annex C - Declaration of RF Exposure Exemption
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Confidentiality Type	Not Confidential
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Size	12.7 kB
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Attachment 23

File Name

[22. Antenna Specification.pdf\(PDF Version, 768.01 KB, 7 pages\)PDF Readers](#)

Description Type	Test Report
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Confidentiality Type	Not Confidential
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Size	768.0 kB
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Attachment 24

File Name

[12. Test Report BTL-ISED-2-2312G170_WLAN 5G Bnad 1 4 R02 rev2_part1.pdf\(PDF Version, 5,496.516 KB, 117 pages\)PDF Readers](#)

Description Type	Test Report
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Confidentiality Type	Not Confidential
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Size	5.4 MB
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