

**< TP-Link Corporation Limited >**  
**<Room 901, 9/F. , New East Ocean Centre, 9 Science Museum Road,**  
**Tsim Sha Tsui, Kowloon, Hong Kong>**

**Date:2022-09-21**

**FCC ID: 2AXJ4S500**

**Model Number: Tapo S500**

To:

Federal Communication

Commission Authorization and

Evaluation Division 7435 Oakland

Mills Road

Columbia, MD 21048

To Whom It May Concern,

We TP-Link Corporation Limited declare the following:

Model: Tapo S500

FCC ID: 2AXJ4S500 and FCC ID: 2AXJ4KS200 product changes are as follows:

The worst cases of power and radiated emissions above 1GHz have been re-evaluated by sample of FCC ID: 2AXJ4S500, model name: Tapo S500. Meanwhile, the other test data were reissue from the FCC ID: 2AXJ4KS200, model name: KS200. The test data of power and radiated emissions above 1GHz please see the Appendix A and Appendix B (test report) . Model difference(s):

- a. Changed the main chip to RTL8710CF from RTL8720CM.
- b. Deleted the LDO, peripheral one resistor and three capacitors. (LDO is defined as a low dropout linear regulator. Generally speaking, it is a voltage conversion chip that converts high voltage to low voltage, such as 5V to 3.3V or 1.8V, etc. )
- c. Deleted the flash and its surrounding resistance and capacitance devices.
- d. Removed LE function through software.

For this reason, model Tapo S500 (with FCC ID: 2AXJ4S500) will reuse some test data as following of model KS200 (with FCC ID: 2AXJ4KS200, granted on 07/26/2022) for both FCC certification;

Test Item	Re-use test data from original test report number
AC POWER LINE CONDUCTED EMISSIONS	BTL-FCCP-2-2205C096 APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS
RADIATED EMISSION - 9 KHZ TO 30 MHZ	BTL-FCCP-2-2205C096 APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ
RADIATED EMISSION - 30 MHZ TO 1000 MHZ	BTL-FCCP-2-2205C096 APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ
RADIATED EMISSION- ABOVE 1000 MHZ	BTL-FCCP-2-2205C096 APPENDIX D - RADIATED EMISSION- ABOVE 1000 MHZ
BANDWIDTH	BTL-FCCP-2-2205C096 APPENDIX E - BANDWIDTH

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MAXIMUM AVERAGE OUTPUT POWER	BTL-FCCP-2-2205C096 APPENDIX F - MAXIMUM AVERAGE OUTPUT POWER
CONDUCTED SPURIOUS EMISSION	BTL-FCCP-2-2205C096 APPENDIX G - CONDUCTED SPURIOUS EMISSIONS
POWER SPECTRAL DENSITY	BTL-FCCP-2-2205C096 APPENDIX H - POWER SPECTRAL DENSITY

We declare, that TP-Link Corporation Limited takes full responsibility that the test data of the old FCC ID (FCC ID: 2AXJ4KS200, granted on 07/26/2022) represents compliance for the new FCC ID (FCC ID: 2AXJ4S500).

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Date: 2022-09-21

City: Hong Kong

Name: Sarah Wang

Function: Regulatory Compliance Manager

*Sarah Wang*

Signature: