

# ASUSTeK Computer Inc

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## Class II Change Letter

Date: 2016/4/7

FEDERAL COMMUNICATIONS COMMISSION  
Authorization and Evaluation Division  
7435 Oakland Mills Road  
Columbia, MD 21046  
U.S.A.

To whom it may concern,

Request for Class II Permissive Change  
FCC ID: MSQ-RTAC87U / Grant Date: 06/30/2014

Pursuant to CFR 2.1043, ASUSTeK Computer Inc hereby requests a Class II Permissive Change.

The model name shall be same as before.

Modification:

Updating test rule of 5GHz band 4 to "15.407 (b)(4)(ii) of New Rules (ET Docket No. 13-49; FCC 16-24)" from "Old Rules".

The maximum conducted output power (average) remains the same for operation in UNII-3.

Adding EUT version Rev1.60. The difference between original EUT "Rev1.50" and new EUT "Rev1.60" as below:

| EUT version            | Description   |
|------------------------|---|
| Original EUT "Rev1.50" | Original  |
| New EUT "Rev1.60"      | 1. Adding a TVS (D1).<br>2. Adding a snubber circuit (C267, R266, R267).<br>3. Adding a snubber circuit (C266, R264, R265). |

Updating adapter 1 (model: AD883J20). The difference between original adapter 1 and new adapter 1 as below:

| Original adapter 1 | New adapter 1  |
|--------------------|----------------|
| Type: 010KLF BAH   | Type: 010K-3LF |

Updating adapter 2 (model: ADP-45BW B). The difference between original adapter 2 and new adapter 2 as below:

| Original adapter 2 |           |                   |                                      |
|--------------------|-----------|-------------------|--------------------------------------|
| Design No          | MFG TITLE | MFG PART          | DESCRIPTION                          |
| Q1                 | AUK       | SMK0760F          | FET 600V 7A 1.2ohm TO-220F-3P        |
| Q1                 | ST        | STP6NK60ZFP       | FET 600V 6A 1.2ohm TO-220FP-3P       |
| Q1                 | TOSHIBA   | TK10A60DR(STA4,X) | FET 600V 10A 750mohm TO-220SIS-3P    |
| D101               | ST        | STPS20S100CT      | DIO SBD 20A 100V TO-220AB-3P C.C.    |
| D101               | ST        | STPS20SM100ST     | DIO SBD 20A 100V TO-220AB-3P         |
| D101               | ST        | STPS30SM100ST     | DIO SBD 30A 100V TO-220AB-3P         |
| IC31               | ON        | DAP022ASN65T1G    | IC ASIC PWM CURRENT MODE TSOP-6P SMD |
| IC131              | TI        | TL432BIDBZR       | IC VOL REF ADJ 2.495V 100mA 0.5%     |
| IC131              | NXP       | TL431BMFDT        | IC VOL REF ADJ 2.495V 100mA 0.5%     |

| IC131                | DIODES      | AS431ANTR-G1         | IC VOL REF ADJ 2.5V 100mA 0.5% SOT-23-3P |
|----------------------|-------------|----------------------|--|
| IC32                 | EVERLIGHT   | EL816M(Y)(D)-VG      | PHOTO TR 50mA 80V DIP-4P 150%-300%       |
| IC32                 | SHARP       | PC123Y92F20F         | PHOTO TR 50mA 70V DIP-4P 160%-300%       |
| IC32                 | Renesas     | PS2561DL1-1Y-V-A(G)  | EOL PHOTO TR 40mA 80V DIP-4P 150%-300%   |
| CX1                  | EUROPTRONIC | MPX2224K30B15LXD20   | CAP X2 MP PC 305VAC 0.22uF K S15         |
| CX1                  | OKAYA       | LE224-MX-30-C3.2     | CAP X2 MP PC 300VAC 0.22uF K S15         |
| CX1                  | HUA         | MKP-224K0275AB115S-G | CAP X2 MP PC 275VAC 0.22uF K S15         |
| FL1                  | DELTA       | HFV-MP13202          | LINE FILTER T14 14mH MIN                 |
| FL101                | DELTA       | LFV-MP13303          | LINE FILTER T10 17uH MIN                 |
| T1                   | DELTA       | MV-MP13167           | TRANSFORMER MAIN RM10 1mH +/-5%          |
| C1                   | NICHICON    | UPT2G680MHD3         | CAP AL 400V 68uF M 16*25 P7.5            |
| C1                   | NCC         | EKMG401ELL680ML25S   | CAP AL 400V 68uF M 16*25 P7.5            |
| C1                   | L-Tec       | TYJ2GM680K25O        | CAP AL 400V 68uF M 16*25 P7.5            |
| CY1                  | MURATA      | DE1B3KX221KNHAN99F   | CAP Y1/X1 CD 250VAC 220pF K B TP V110    |
| CY1                  | TDK         | CD70-B2GA221KYVK     | CAP Y1/X1 CD 250VAC 220pF K B TP V110    |
| CY1                  | WALSIN      | YP0AH221K061DASDAB   | CAP Y1/X1 CD 250VAC 220pF K B TP V110    |
| <b>New adapter 2</b> |             |                      |  |
| Design No            | MFG TITLE   | MFG PART             | DESCRIPTION                              |
| Q1                   | TOSHIBA     | TK10A60DR(STA4,X)    | FET 600V 10A 750mohm TO-220SIS-3P        |
| Q1                   | FUJI        | FMV11N60ES           | FET 600V 11A 750mohm TO-220F-3P          |
| D101                 | ST          | STPS20S100CT         | DIO SBD 20A 100V TO-220AB-3P C.C.        |
| D101                 | ST          | STPS20H100CT         | DIO SBD 20A 100V TO-220AB-3P C.C.        |
| D101                 | ST          | STPS30H100CT         | DIO SBD 30A 100V TO-220AB-3P C.C.        |
| IC31                 | NeoEnergy   | DAP022AT             | IC ASIC PWM CURRENT MODE SOT-26-6P SMD   |
| IC131                | LITE-ON     | LA431OCRPA           | IC REGU ADJ 2.495V 100mA 0.4% SOT-23R-3P |
| IC131                | TJ          | TL432BIDBZR          | IC VOL REF ADJ 2.495V 100mA 0.5%         |
| IC131                | NXP         | TL431BMFDT           | IC VOL REF ADJ 2.495V 100mA 0.5%         |
| IC32                 | EVERLIGHT   | EL816M(Y)(D)-VG      | PHOTO TR 50mA 80V DIP-4P 150%-300%       |
| IC32                 | SHARP       | PC123Y92F20F         | PHOTO TR 50mA 70V DIP-4P 160%-300%       |
| IC32                 | TOSHIBA     | TLP785F(D4-GRH,F     | PHOTO TR 60mA 80V DIP-4P 150%-300%       |
| CX1                  | HUA         | MKP-334K0275AB115S-G | CAP X2 MP PC 275VAC 0.33uF K S15         |
| CX1                  | HUA         | MKP-334K0275AB115S-P | CAP X2 MP PC 275VAC 0.33uF K S15         |
| CX1                  | EUROPTRONIC | MPX2334K30B15LXD31   | CAP X2 MP PC 305VAC 0.33uF K S15         |
| FL1                  | DELTA       | HFV-MP15027          | LINE FILTER T16 12.7mH MIN               |
| FL101                | DELTA       | LFV-MP13171          | LINE FILTER T6 1.55uH MIN                |
| T1                   | DELTA       | MV-MP15037           | TRANSFORMER MAIN RM10 1000uH +/-5%       |
| C1                   | NCC         | EKMG401ELL680ML25S   | CAP AL 400V 68uF M 16*25 P7.5            |
| CY1                  | MURATA      | DE1B3KX221KNHAN99F   | CAP Y1/X1 CD 250VAC 220pF K B TP V110    |
| CY1                  | WALSIN      | YP0AH221K061DASDAB   | CAP Y1/X1 CD 250VAC 220pF K B TP V110    |

There is no change in existing RF relevant portion.

There is no any software that can be modified by end-user.

Sincerely,

Applicant's company name : ASUSTeK Computer Inc

Applicant's company address : 4F, No. 150, Li-Te Rd., Peitou, Taipei 112, Taiwan

Signature

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A handwritten signature in black ink, appearing to read 'Jackson Yen', is written over a horizontal line. The signature is fluid and cursive.

Name and Job Title

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Jackson Yen / Associate Vice President

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