

**Date :** 2006. 11. 20.

**Ref. No :**

**To :** Application Examiner / Reviewing Engineer  
FCC Laboratory  
7435 Oakland Mills Road  
Columbia, MD 21046

**CC :**

**Subject :** Class II Permissive Change on FCC ID: S3HDVP-NW50

Applicant: KI RYUNG ELECTRONICS CO., LTD., FCC ID: S3HDVP-NW50

Our above client, KI RYUNG ELECTRONICS CO., LTD., is submitting a Class II Permissive Change as per 47 CFR Part 2.1043 for FCC ID: S3HDVP-NW50.

The modification and/or changed items are as follows.

1. Delete Speaker connector's Ferrite Cores.
2. Delete Servo Board's Copper plate.
3. Attach 2 Core(CU1330B) to DC Power line. For reduce connector's radiation.
4. Attach a Core(CU0530G) to 4P connector. For reduce connector's radiation.
5. Attach a Core(CU0903B) to 15P connector. For reduce connector's radiation.
6. Attach 2 Gaskets(71TS FK-5-4-10-15) to Video Port and Audio Port. For GND Stability
7. Attach Gasket (71TS FK-5-4-25-15) and Gasket(71TS FK-5-4-60-15) to Amp PCB's Chassis.  
For GND Stability
8. Attach a Core(CU0530G) to 15P Cable closely to Amp. . For reduce connector's radiation.
9. Solder 2 Finger(EXF-0022) to Amp PCB both side. For GND Stability.
10. Add Cap chips C202, C203(1nF) to each OSC in Main PCB. For reduce EMI element.
11. Add Res chip R266(33R) to SPDIF line in Main PCB. For reduce EMI element.
12. Change Res Chip R73, R83, R93, R95(33ohm) to Bead6, Bead8, Bead9, Bead10(SBK160808T-221Y) in Main PCB. For reduce connector's radiation.
13. Add FB3, FB4, FB5, FB6(SBK160808T-121Y) in Amp PCB. For reduce 12p connector's radiation.
14. Add FB7, FB8, FB9(SBK160808T-301Y) in Amp PCB. For reduce 12p connector's radiation.
15. Add Diode D2(RLS4148) and Cap chip C24(1nF) to OSC Power in Amp PCB. For reduce EMI element.
16. Delete Surge diodes Z401, Z402, Z403, Z404, Z501, Z502, Z503, Z504, Z601, Z602, Z603, Z604(P6SMBJ33CA) in Amp PCB. For reduce EMI element.

17. Separate Power part GND and Amp part GND in Amp PCB. And connect GND by Res Chips R12, R13, R14, R15, R16, R17, R18, R19. For separate EMI noise.
18. Cover Servo Board's SDRAM part with shield plate. For cover EMI radiation from SDRAM part
19. Use Servo Board Rev.F(it is updated by outside order for EMI)

We have included radiated/conducted emission test result and photos for the product.

If you have any questions or concerns, feel free to contact me.

Best regards,



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