

Lucy Tsai

From: Loh, Grace (Gunpo) [Grace.Loh@sgs.com]
Sent: Monday, June 22, 2009 10:30 PM
To: Lucy Tsai
Cc: Choi, SeonJoo (Gunpo); Kim, Raymond (Gunpo); Kim, Tim (Gunpo); Jo, Jenny (Gunpo); Ko, Duke (Gunpo); Jeong, Feel (Gunpo); Ham, Denny (Gunpo)
Subject: RE: SAMSUNG ELECTRONICS CO. LTD., FCC ID: A3LCL65, Assessment NO.: AN09T9315/AN09T9316, Notice#1
Attachments: Apply-2.zip

Dear Lucy,

Pls find attach to the revised documents.

Please review and let me know if you have any inquiry.

Thanks and regards,

Grace

From: Lucy Tsai [mailto:lucy.tsai@ccsemc.com]
Sent: Monday, June 22, 2009 12:17 PM
To: Loh, Grace (Gunpo)
Subject: FW: SAMSUNG ELECTRONICS CO. LTD., FCC ID: A3LCL65, Assessment NO.: AN09T9315/AN09T9316, Notice#1

Hi Grace,

Please address following issues.

Q#1: According to the user manual, the camera is able to connect to PC for data communication and it should also be considered as PC peripheral and FCC DOC or certification rule should be followed. If DOC rule is followed, please update the label to include FCC DOC logo. If certification rule is followed, please submit another filing with equipment code JBP as composite device.

→ Updated to FCC DOC logo.

Q#2: According to the internal photos, Bluetooth and WLAN are sharing the same antenna but there are no information if two transmitters can transmit simultaneously. Please clarify first.

If two transmitters can transmit at the same time, then you need to address RF exposure requirement, including co-location mode per KDB 447498. So please update the MPE calculation to include the technical justification of why SAR test is not required, including co-location SAR per KDB 447498.

→ Two transmitters can not transmit at the same time the same antenna. It's the handheld device.

Q#3: User manual should include related RF exposure statements.

→ This device is handheld operational only and please refer to updated user manual for the related statement.

Q#4: According to the operational description, WLAN is capable to operate from 2412MHz to 2462MHz which does not agree with filing. Please address.

→ Updated the operational description.

BT portion:

Q#5: According to the user manual, this is a Bluetooth 2.1+EDR and according to Bluetooth specification, it should have three different modulations: GFSK, DQPSK and 8DPSK. In the test report, GFSK was set to test but there is no information mentioned whether all three modulations were investigated and whether the worst case was in GFSK modulation. Please address.

→ Updated the only Bluetooth 2.0 in the user manual.
This device used only GFSK Modulation type.

WLAN portion:

Q#6: Normally the variant of output power of b and g mode should be 3–6 dB but according to the test report, the output powers of b and g mode are about 9dB difference. Please explain.

→ Reduced target power factor of 11g mode from 13 to 9 to pass the test item Spurious emission on restricted band.

Best Regards,
Lucy Tsai
CCS

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of the original e-mail date may result in application dismissal and forfeiture of the filing fee. Also, please note that partial responses increase processing time and should not be submitted. Any questions about the content of this correspondence should be directed to the e-mail address listed below the name of the sender.

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