

Mike Kuo

From: Petruska, Steve [spetrusk@sharpsec.com]
Sent: January 20日 2004年 Tuesday 9:46 AM
To: Mike Kuo (mkuo@ccsemc.com)
Subject: RE: Sharp Corporation, FCC ID: APYHRO00033, AN04T3594



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Hi Mike,

Attached is our response to the comments that were issued regarding the subject FCC application. Please replace the previously submitted materials with these files. (Note that we are re-submitting the complete test report to avoid any confusion.)

A total of 17 files are attached (approx. 12MB).

We understand that this resolves each of the questions as described below. Upon your review of this material, please advise me if you have any further comments or need any additional information.

1) Confidentiality letter

We removed the user operation manual and added the Bluetooth theory of operation to the request.

2) TCB assessment fee

Sharp agrees that the TCB assessment fee will be based on a composite device consisting of a Bluetooth and Licensed Transmitter.

3) Bluetooth setup photo: attached.

4) Bluetooth Location: Identified in internal photo.

5) Photo with metal plate removed: attached.

6) ERP for GSM850: corrected.

7) Emission Designation: applied 99% power through bandwidth.

8) SAR Bluetooth Freq: corrected.

9) SAR Test Data: second peak SAR value included.

10) SAR Exhibits: Exhibit 5, 6, and 7 added.

Other) Due to the Emission Designation change, we are re-submitting the Model Description.

Best regards,

Steve Petruska
Sharp Electronics Corp.

-----Original Message-----

From: Mike Kuo [mailto:MKUO@CCSEMC.com]
Sent: Thursday, January 15, 2004 10:48 PM
To: 'Petruska, Steve'
Subject: FW: Sharp Corporation, FCC ID:APYHRO00033, AN04T3594

-----Original Message-----

From: CERTADM
Sent: Thursday, January 15, 2004 7:45 PM
To: Mike Kuo
Subject: Sharp Corporation, FCC ID:APYHRO00033, AN04T3594

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Question #1: Request for confidentiality letter listed operational manual as one of confidential document. Please note that operational manual will be sold with the device which can not be granted as confidential document. Please remove this item from the request letter and add Bluetooth theory of operation to the request.

Question #2: Based upon information submitted, this application consist of unlicensed radio (Bluetooth) and licensed radio (22/24 device). This application will be reviewed as composite device. Composite device will be reviewed under one FCC ID number for Bluetooth and licensed transmitter. TCB assessment fee will be charged based upon the rule part. Please confirm that you are agreed with above statement.

Question #3: Due the Bluetooth test report is protected, the test setup photo can not be extracted from the PDF file. Please provide Bluetooth EMC test setup photos for FCC upload requirements.

Question #4: Please identify the Bluetooth radio in the internal photos.

Question #5: Please take additional internal photos by removing the metal plate which covered the PC.

Question #6: Page 5 of Part 22/24 test report indicates the ERP for GSM850 is 3.09W which does not agree with measured data. Please explain.

Question #7: In the part 22/24 test report, the emission designator was justified with 26dB BW. Please note that emission designator is using necessary bandwidth not the 26dB BW. Normally necessary bandwidth is justified with Carson rule. In cases where Carson's Rule doesn'tt give accurate results, a justification is required, and a 99% bandwidth measurement is accepted. Please either provide your justification with carson rule or provide 99% BW measurement.

Question #8:Page 3 of SAR test report, the Bluetooth frequency is not correct. Please make necessary correction.

Question #9:SAR Test data (Exhibit 3), page 4/5/6 with multiple peak SAR distribution. Please provide second peak SAR value.

Question #10 : Please provide SAR exhibit 5, 6, and 7.

Best Regards

Mike Kuo

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.

