

From: Mike Kuo
Sent: Tuesday, July 08, 2003 12:46 AM
To: 'Ting'; Mike Kuo
Cc: C&C Lab - Eric; Lucy
Subject: RE: BenQ Corporation, FCC ID: JVPH1322, Assessment NO.: AN03T2976

Hi Ting:

Question #18: Revised tune up procedure is not acceptable. In this revised tune up procedure, no factory target value was provided but only provided a statement. Please note: Tune up procedure normally is considered as confidential document. Tune up procedure is a necessary document for FCC and TCB to verify the factory setting for the licensed transmitter. Without having the information on the factory setting, the reviewer will not be able to verify the max. output power for each power setting. Please provide tune up procedures with factory setting information.

Question #19 : Please confirm Part list is not a confidential document.

Best Regards

Mike Kuo

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

From: Ting [mailto:ting@ccclab.com.tw]
Sent: Sunday, July 06, 2003 10:06 PM
To: Mike Kuo
Cc: C&C Lab - Eric; Lucy
Subject: Fw: BenQ Corporation, FCC ID: JVPH1322, Assessment NO.: AN03T2976

Hi Mike,

Answer #1: Please refer attached is Schematic.

Answer #2: Please refer attached is Tune up Procedure.

Answer #3: Please refer attached is Parts list.

Answer #4: Please find the revised Confidentiality Letter.

Answer #5~17: Please refer attached is CCS's Question for SAR-00679 Report.

Thank you!

Ting

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> -----Original Message-----

> From: Compliance Certification Services [mailto:MKuo@ccsemc.com]

> Sent: Wednesday, June 25, 2003 1:07 AM

> Subject: BenQ Corporation, FCC ID: JVPH1322, Assessment NO.: AN03T2976

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> Administrative Review :

> Question #1: Please provide a clear copy of schematic diagram. The schematic diagram submitted can not show the component values clearly.

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> Question #2: Tune up procedure : The tune up procedure submitted only address SAR test mode. Tune up procedure shall be the factory setting of RF characteristic.

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> Question #3: Please provide Parts list.

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> Question #4: Test mode setup method is one of item to be requested as confidential document. The test mode setup is fully described in the page 16 of 72 of SAR test report. SAR test report can not be granted as confidential document. Please review your request for confidentiality letter.

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> Technical Review - Part 24 portion :

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> Question #5: Band edge Vs Block edge:Block Edge requirements: In the past, FCC will accept the Band edge requirement which means the EUT can only be tuned to lowest channel and highest channel to show the bandedge compliance. Based upon TCB training, FCC now request Part 22 and 24 to show Block edge requirement.

> Pt 22/24 EMC block edge issue

> * Part 22.901(d)2 and 24.238(a) require compliance at all block edges

> * Use of 1 MHz RBW is problematic at 1 MHz outside block edge

> * FCC 02-229 and 02-247 allows use of 1 % RBW in conjunction with integration techniques for out of band measurements

> Demonstration of compliance at all block edges is requested

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> Please provide block edge measurement to comply with 24.238(a) for all block edge.

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> SAR/ RF exposure review :

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> Question #6: Please provide a clear copy of SAR data plots. It is very difficult to review all the detail information based upon the quality of image.

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> Question #7: SAR System performance check with head liquid : Per page 15 of 72 of SAR test report, the 1900MHz liquid parameter for head is used for 1800MHz head System validation tests. Please explain why 1900MHz liquid parameter is used for 1800MHz system validation.

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> Question #8: SAR System perform check with body liquid: per page 15 of 72 of SAR test report, the 1800MHz body parameter does not match with page 15 of 72 information. Please explain.

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> Question #9: Appendix B of SAR test data: By comparing channel 25 , channel 600 and channel 1175 which measured at the same day but the liquid parameter are different. Please explain.

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> Question #10 : Appendix B of SAR test data : there are three sets of liquid parameter were used : 1.40297/39.7664; 1.4343/39.62; and 1.46214/39.4806. Please explain when liquid was calibrated. Why three sets of liquid parameter were used for different channel and the relation of these liquid parameter in comparing to page 15 of 72 of SAR test report.

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> Question #11: The conversion factor used based upon the probe calibration
> file is for 1800MHz. Please explain why 1800MHz factor was used for 1900MHz
> measurement. Based upon OET 65 supplement C, 1900MHz factor shall be used.
>
> Question #12: Multiple peak displayed on Right tilted channel 25, 600 and
> 1175. Please provide second peak readings per OET 65 supplement C
> requirements.
>
> Question #13: Multiple peak displayed on Left titled channel 25, 600 and
> 1175. Please provide second peak readings per OET 65 supplement C
> requirements.
>
> Question #14: Please explain why the liquid parameter for body are different
> for all body worn measurement.
>
> Question #15: Per the test setup photos, when measure the body worn SAR, the
> cellular phone cover is opened. When the device is used for body worn
> operation, the cellular phone cover shall be closed. Please redo body worn
> SAR with cover closed.
>
> Question #16: The separation distance used during body worn SAR measurement
> is 1.5cm (page 20 of 72) but the user manual mentioned 1cm separation
> distance is required. Please explain.
>
> Question #17 : Body worn warning statement contains in the user manual does
> not provide clear instruction for the user to follow. Based upon the
> statement, only tested body worn accessories can be used with the cellular
> phone. However, no body worn accessory was provided during the tests.
>
> Best Regards
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> Mike Kuo
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> The items indicated above must be submitted before processing can continue
> on the above referenced application. Failure to provide the requested
> information within 60 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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