

Mike Kuo

From: Shigeru Kinoshita [kinoshita-shigeru@jqa.jp]
Sent: July 19日 2004年 Monday 6:25 PM
To: Mike Kuo
Cc: Mika Kaneko; 岡田 真琴; 木下 茂
Subject: Re: CATEYE CO., LTD., FCC ID: ON5CC-HR200DW-TX, Assessment NO.: AN04T4058, Notice#1



TestReport.pdf



LoopAntenna.pdf

Dear Mike Kuo

The attached 2 files are shown as follows:

1. TestReport.PDF: Revised Test Report
2. LoopAntenna.PDF: Specification of the Loop Antenna used during the test.

> Question #1: In this TCB application, there are three devices included in
> this filing. Speed sensor transmitter, main unit receiver and Heart rate
> sensor transmitter. By reviewing these three devices, please be advised
> of
> the following regulatory compliance :
A.I confirmed that FCC ID :ON5CC-HR200DW-TX shall only be applied on the
speed sensor. Thank you
> Question #2: Please indicate which one of equipment is for antenna and
> provide the antenna description that was used during the tests . Page 4 of
> test report.

>
The antenna used during the test is shown as follows:

Test Instrument: Loop Antenna
Model No.: HFH2-Z2
Serial No.: 872096/25
Manufacturer: Rohde & Schwarz
Specification: Refer to LoopAntenna.PDF

> Question #3: Page 15 of test report indicated the operating frequency is 6
> kHz and 18 kHz. Please explain which transmitter is transmitting 18 kHz
> fundamental frequency. Please provide radiated test data for speed sensor
> with fundamental frequency of 25 kHz.

>
It is corrected on page 15 in the test report shown as follows:

1. Operating Frequency : 6kHz & 25kHz
2. The Transmitting frequency in the EUT : 6kHz, 25kHz

Best Regards
JAPAN QUALITY ASSURANCE ORGANIZATION(JQA)
KITA-KANSAI TESTING CENTER
TESTING DEPT. EMC DIV.
Shigeru Kinoshita
e-mail: kinoshita-shigeru@jqa.jp

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

From: "Mike Kuo" <MKUO@CCSEMC.com>
To: <kinoshita-shigeru@jqa.jp>
Cc: "Mika Kaneko" <MKaneko@CCSEMC.com>
Sent: Friday, July 16, 2004 6:30 AM
Subject: FW: CATEYE CO., LTD., FCC ID: ON5CC-HR200DW-TX, Assessment NO.: AN04T4058, Notice#1

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>
> -----Original Message-----
> From: Compliance Certification Services [mailto:MKuo@ccsemc.com]
> Sent: Thursday, July 15, 2004 2:11 PM
> To: mkuo@ccsemc.com

> Subject: CATEYE CO., LTD., FCC ID: ON5CC-HR200DW-TX, Assessment NO.:
> AN04T4058, Notice#1
>
>
> Question #1: In this TCB application, there are three devices included in
> this filing. Speed sensor transmitter, main unit receiver and Heart rate
> sensor transmitter. By reviewing these three devices, please be advised
> of
> the following regulatory compliance :
>
> 1. FCC ID :ON5CC-HR200DW-TX shall only be applied on the speed sensor.
FCC
> ID :ON5CC-HR200DW-TX does not cover equipment authorization for Main unit
> receiver and Heart Rate sensor transmitter.
>
> 2. Heart rate sensor transmitter is operating with fundamental frequency
> of
> 6kHz based upon operational description. FCC equipment authorization does
> not apply for transmitter with fundamental frequency less than 9kHz. (
> per
> section 15.3(o) and 15.3(u) of fcc rules).
>
> 3. Main unit receiver is operating with receiving range of 6 kHz. Per
> section 15.101 (b) of FCC rules, only receiver that operate (tune)
> within
> the frequency range of 30 -960MHz are subject to the equipment
> authorization
> procedures. In this case, the Main Unit's tuning range is less than 30MHz
> which equipment authorization does not apply.
>
> Question #2: Please indicate which one of equipment is for antenna and
> provide the antenna description that was used during the tests . Page 4 of
> test report.
>
> Question #3: Page 15 of test report indicated the operating frequency is 6
> kHz and 18 kHz. Please explain which transmitter is transmitting 18 kHz
> fundamental frequency. Please provide radiated test data for speed sensor
> with funduncy of 25 kHz.
>
> 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.