
From: Sae Hagino Intertek **Sent:** Tuesday, June 07, 2011 7:44 AM
To: PCTEST TCB/CB
Subject: RE: Additional Follow-Up Questions Regarding FCC ID: K44371310
Dear Mr. Czumak,

Thank you for your email.

We will wait for your response regarding the 16K0F3E emission.
Based on a response from FCC we may apply for notice of change.
For this product, please issue the grant without the 16K0F3E emission.

Could you please let us know whether the revised manual, which I sent you yesterday, is acceptable or not?

Best regards,

Sae Hagino

Global Market Access Program
Intertek Commercial & Electrical
2-3-18 Namamugi Tsurumi-ku,

From: PCTEST TCB/CB
Sent: Tuesday, June 07, 2011 12:18 AM
To: Sae Hagino Intertek
Subject: RE: Additional Follow-Up Questions Regarding FCC ID: K44371310

Dear Ms. Hagino,

Thank you for your email. Regarding your additional question (In general, does FCC accept the 16K0F3E emission?), I am asking the FCC this question, and will inform you of their response. Please let us know if you prefer that we issue the grant now, without the 16K0F3E emission, or if you wish that we hold off issuing the grant until the FCC responds, in case you want to add the 16K0F3E emission.

Sincerely,
Gregory Czumak
Senior Certification Engineer

From: Sae Hagino Intertek
Sent: Monday, June 06, 2011 6:26 AM
To: PCTEST TCB/CB
Subject: RE: Additional Follow-Up Questions Regarding FCC ID: K44371310

Dear Mr. Czumak,

Thank you for your response.
Please refer to the additional comments below:

1. Thank you for your email. Regarding your question in response to question #1, if you decide to only permit fixed-mount installations for the EUT, and eliminate the option of installing it in a vehicle, then you may remove the "Mandatory Safety Instruction" from the user's manual, however, if you do so, then you should add the following [statement](#) to the first Note in the CAUTION box on p. 2 of the manual:

This repeater is intended for use as a fixed base station with the antenna located outdoors on the rooftop or on an antenna tower. [RF Exposure compliance must be addressed at the time of installation and licensing.](#)

If you choose to do this, please inform us, and submit a revised user's manual. Please note that this is acceptable for your IC authorization as well.

<Response> The client decided to permit both fixed-mount installations and installations in vehicles. Please see the attached revised user manual. "Except U.S.A and Canada" is added to the CAUTION on page 2.

3. Please note that the FCC has agreed that all of the emission designators proposed for the EUT are acceptable under 90.203(j)(4).

<Question> Do you mean FCC has accepted 16K0F3E as well?

<PCTEST Resposne> Regarding your question (Do you mean FCC has accepted 16K0F3E as well?), the test report clearly indicates, on p. 2, that the 16K0F3E emission is for IC only, and not for U.S. usage. The FCC only agreed to the other narrower emissions (11K0, 8K30 and 4K00).

<Additional question> In general, does FCC accept the 16K0F3E emission?

Best regards,
Sae Hagino
Global Market Access Program
Intertek Commercial & Electrical

From: PCTEST TCB/CB
Sent: Friday, June 03, 2011 11:29 PM
To: Sae Hagino Intertek
Subject: RE: Additional Follow-Up Questions Regarding FCC ID: K44371310

Dear Ms. Hagino,

Thank you for your email. Regarding your question (Do you mean FCC has accepted 16K0F3E as well?), the test report clearly indicates, on p. 2, that the 16K0F3E emission is for IC only, and not for U.S. usage. The FCC only agreed to the other narrower emissions (11K0, 8K30 and 4K00).

The item indicated above must be submitted before processing can continue on the above referenced application.

Sincerely,
Gregory Czumak
Senior Certification Engineer

From: Sae Hagino Intertek **Sent:** Friday, June 03, 2011 4:44 AM
To: PCTEST TCB/CB
Subject: RE: Additional Follow-Up Questions Regarding FCC ID: K44371310

Dear Mr. Czumak,

Please refer to the comments below to your questions:

1. Thank you for your email. Regarding your question in response to question #1, if you decide to only permit fixed-mount installations for the EUT, and eliminate the option of installing it in a vehicle, then you may remove the "Mandatory Safety Instruction" from the user's manual, however, if you do so, then you should add the following [statement](#) to the first Note in the CAUTION box on p. 2 of the manual:

This repeater is intended for use as a fixed base station with the antenna located outdoors on the rooftop or on an antenna tower. [RF Exposure compliance must be addressed at the time of installation and licensing.](#)

If you choose to do this, please inform us, and submit a revised user's manual. Please note that this is acceptable for your IC authorization as well.

<Response> The client is still under consideration. Will update you later.

2. Regarding your response to question #2, please note that the Table on p. 5 of the revised test report also references 90.203(j)(3) – this should be changed to 90.203 (j)(4). Please revise.

<Response> The test report has been revised. "90.203(j)(4)" is added to the summary of test results on page 5. Please refer to the attached.

3. Please note that the FCC has agreed that all of the emission designators proposed for the EUT are acceptable under 90.203(j)(4).

<Question> Do you mean FCC has accepted 16K0F3E as well?

Please let me know if you have any questions.

Best regards,
Sae Hagino
Global Market Access Program
Intertek Commercial & Electrical

From: PCTEST TCB/CB **Sent:** Friday, June 03, 2011 3:40 AM
To: Sae Hagino Intertek
Subject: Additional Follow-Up Questions Regarding FCC ID: K44371310

Dear Ms. Hagino,

Please note the below additional questions regarding the above-referenced FCC ID:

1. Thank you for your email. Regarding your question in response to question #1, if you decide to only permit fixed-mount installations for the EUT, and eliminate the option of installing it in a vehicle, then you may remove the "Mandatory Safety Instruction" from the user's manual, however, if you do so, then you should add the following [statement](#) to the first Note in the CAUTION box on p. 2 of the manual:

This repeater is intended for use as a fixed base station with the antenna located outdoors on the rooftop or on an antenna tower. [RF Exposure compliance must be addressed at the time of installation and licensing.](#)

If you choose to do this, please inform us, and submit a revised user's manual.
Please note that this is acceptable for your IC authorization as well.

2. Regarding your response to question #2, please note that the Table on p. 5 of the revised test report also references 90.203(j)(3) – this should be changed to 90.203 (j)(4). Please revise.
3. Please note that the FCC has agreed that all of the emission designators proposed for the EUT are acceptable under 90.203(j)(4).

The item indicated above must be submitted before processing can continue on the above referenced application.

Sincerely,
Gregory Czumak
Senior Certification Engineer

From: Sae Hagino Intertek
Sent: Thursday, June 02, 2011 5:26 AM
To: PCTEST TCB/CB
Subject: RE: Follow-Up Questions Regarding FCC ID: K44371310

Dear Mr. Czumak,

Please see the responses below to your questions.

1. Thank you for your email. Regarding your response to question #1, if the EUT may also be installed in a vehicle, then please either remove the first note in the "CAUTION" box on p. 2 of the user's manual, which states that the EUT is intended for use as a fixed base station with the antenna mounted on a rooftop or tower, or else revise this note to also include vehicular installation.

<Question> If Kenwood decides not to install the EUT in a vehicle, is it ok to remove "Mandatory Safety Instruction"? If yes, does it apply to IC certification as well?

2. Regarding your response to question #2, please note that Section 90.203(j)(5) has not been waived. Rather, the FCC Order which you provided states that certain aspects of continuing 25 kHz channel operation in Part 90 have had their implementation date extended until January 1, 2013. However, 25 kHz channel operation is not relevant to the EUT, whose widest emission is 11K0 (less than the required 12.5 kHz), so Section 90.203(j)(5) remains applicable to the EUT. Therefore, please correct the Table on p. 5 of the test report, and provide a separate attestation explaining how the EUT complies with Section 90.203(j)(5), including the requirements for data transmission.

<Response> Please refer to the attached revised test report.

The test report number has been changed to "JT11040004R1" (2011.6.2)".

"90.203(j)(5)" has been added to the Summary of Test results on page 5.

As stated on page 65 of the test report, since "4K00F1E/ 4K00F1D" are included, we think the EUT complies with Section 90.203(j)(5).

Best regards,
Sae Hagino
Global Market Access Program
Intertek Commercial & Electrical

From: PCTEST TCB/CB
Sent: Thursday, June 02, 2011 8:38 AM
To: Sae Hagino Intertek
Subject: Follow-Up Questions Regarding FCC ID: K44371310

Dear Ms. Hagino,

Please note the below additional questions regarding the above-referenced FCC ID:

1. Thank you for your email. Regarding your response to question #1, if the EUT may also be installed in a vehicle, then please either remove the first note in the "CAUTION" box on p. 2 of the user's manual, which states that the EUT is intended for use as a fixed base station with the antenna mounted on a rooftop or tower, or else revise this note to also include vehicular installation.
2. Regarding your response to question #2, please note that Section 90.203(j)(5) has not been waived. Rather, the FCC Order which you provided states that certain aspects of continuing 25 kHz channel operation in Part 90 have had their implementation date extended until January 1, 2013. However, 25 kHz channel operation is not relevant to the EUT, whose widest emission is 11K0 (less than the required 12.5 kHz), so Section 90.203(j)(5) remains applicable to the EUT. Therefore, please correct the Table on p. 5 of the test report, and provide a separate attestation explaining how the EUT complies with Section 90.203(j)(5), including the requirements

for data transmission.

3. FYI: last week we sent an Inquiry to the FCC regarding the EUT's proposed emission bandwidths and the requirements of Section 90.203(j)(4) - we hope to receive their response soon.

The item indicated above must be submitted before processing can continue on the above referenced application.

Sincerely,
Gregory Czumak
Senior Certification Engineer

From: Sae Hagino Intertek
Sent: Tuesday, May 31, 2011 2:24 AM
To: PCTEST TCB/CB
Subject: RE: Questions Regarding FCC ID: K44371310

Dear Mr. Snyder

Please find the responses from the client below:

1. The RF Safety Info document, and p. 8 of the User's Manual, list "Vehicle Installation" as an option, however, the EUT is being authorized as a fixed transmitter, having fixed-mounted antennas on permanent structures, as is correctly noted on p. 2 of the user's manual, under "Caution". Please remove the "Vehicle Installation" option from the RF Safety Info document, and p. 8 of the User's Manual, and resubmit them.
<Response> This product might be installed in a vehicle, that is why we evaluated MPE and included the "Vehicle Installation" description in the user's manual.
2. Section 2 of the test report (p. 5) lists Section 90.203(j)(3) in the Table. Please note that, after January 1, 2011, Section (j)(5) takes effect, instead of (j)(3). In addition to correcting the Table on p.5, please provide a separate attestation explaining how the EUT complies with 90.203(j)(5), including the requirements for data transmission (this could, for example, be combined into one Attestation document together with the Justification for Extended Frequencies letter).
<Response> Based on the attached information, we understand that 90.203(j)(5) has been waived.

Please let me know if you have any questions.

Best regards,
Sae Hagino
Global Market Access Program
Intertek Commercial & Electrical

From: PCTEST TCB/CB

Sent: Saturday, May 28, 2011 6:06 AM
To: Sae Hagino Intertek
Subject: Questions Regarding FCC ID: K44371310

To: Ms. Sae Hagino/ Intertek Japan K.K.
From: Mr. Gregory Czumak / PCTEST TCB

RE: FCC ID: K44371310

Applicant: Kenwood Corporation

Correspondence Reference Number: K44Y110646
Confirmation Number: 1Y1105230646
Date of Original Email: May 27, 2011

Subject: Request for additional information

In regards to your recent TCB application referenced above, we kindly request that you provide the following additional information.

1. The RF Safety Info document, and p. 8 of the User's Manual, list "Vehicle Installation" as an option, however, the EUT is being authorized as a fixed transmitter, having fixed-mounted antennas on permanent structures, as is correctly noted on p. 2 of the user's manual, under "Caution". Please remove the "Vehicle Installation" option from the RF Safety Info document, and p. 8 of the User's Manual, and resubmit them.
2. Section 2 of the test report (p. 5) lists Section 90.203(j)(3) in the Table. Please note that, after January 1, 2011, Section (j)(5) takes effect, instead of (j)(3). In addition to correcting the Table on p.5, please provide a separate attestation explaining how the EUT complies with 90.203(j)(5), including the requirements for data transmission (this could, for example, be combined into one Attestation document together with the Justification for Extended Frequencies letter).

The item indicated above must be submitted before processing can continue on the above referenced application.

Sincerely,
Gregory Czumak
Senior Certification Engineer
Quality Manager



PCTEST TCB/CB

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