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Your inquiry has been submitted to the Laboratory Division of the FCC Office of Engineering and Technology. You will receive a response within two business days. Please be sure to retain the inquiry tracking number displayed for future reference and questions concerning the status of this inquiry.

Inquiry Tracking Number: 380447

Date of Submission:

Subject: PERMIT BUT ASK application

Question: Gentlemen,

Related Sites

[Equipment Authorization System \(EAS\)](#)

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I have a 15.239 "Permit But Ask" application I am processing. (ATCB4625)

Product description / Operation: MP3 Player with flash memory. MP3s are downloaded to the device from a computer via a USB port. The device is then plugged into a cigarette lighter in a vehicle and then transmits the audio to a FM receiver on a selectable channel between 106.7 and 107.9 MHz. (see attached photos)

Installation: The device is plugged into the vehicle cigarette lighter

Test procedure: Unit was tested in a chamber using an audio (music) MP3 file that produced the widest possible BW (Verified by lab)

Tuning Range: The lab has verified that the device will NOT tune outside of the range 88 - 108MHz

Bandwidth: The lab has verified that they device was tested with the maximum audio input level to produce the widest possible BW

Looking forward to your reply,

David

Subject: PERMIT BUT ASK application

Question:

---Reply from Customer on 03/12/2007---

KDB Inquiry: 380447 Gentlemen, I received your reply Re this PBA application. The PEAK, AVG and QP radiated emissions data shown in the report is BELOW the AVG limit. However your reply (copied below) indicates an emission level ABOVE the limit. (as high as 58 dBuV). FCC REPLY: "The data is quasi peak measurements indicate that the radiated emissions are 58 dBuv. The limit is 48 dBuv. The tables indicate that the device radiated emissions are below the limit. I would like to see an average measurement graph that shows that this device is below the limit instead of a table indicating that it is below the limit as proof. When this is done, I would like it placed in the test report as an appendix." Are you referring to the BW plots when referencing that 58dBuV level? If so, please keep in mind that the BW is a measurement of the BW and not necessarily performed in a test setup that would be appropriate for a radiated emissions measurement (Ex: measured on a bench with a near field probe), as such, it does not seem it should be evaluated against radiated emissions criteria. There appears to be nothing in the radiated emissions section of the report that would indicate a failing result. Please clarify your above reply. Thanks David

Subject: PERMIT BUT ASK application

Question:

---Reply from Customer on 03/17/2007---

The lab has provided plots fo the radiated emissions at the end fo the attached test report. Please note the use of a AVG detector and the maximum measured level of 44.26 dBuV. PLMK ASAP if this is OK TO GRANT. - Thanks Guys , David

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