

Letter of Agency

May 16, 2012  
PASA-12-F001

Federal Communications Commission  
Equipment Authorization Division  
7435 Oakland Mills Road  
Columbia, MD. 21046

To Whom It May Concern:

Panasonic Corporation of North America hereby authorizes Global Certification, UL LLC and/or UL CCS to act on our behalf in all matters relating to Certification approval for our Car Head Unit installed within our Car Radio, including signing of all documents relating to these matters. Any and all acts carried out by Global Certification on our behalf shall have the same effect as acts of our own.

Equipment Name: Car Head Unit, Model GA-130-COLR-NS Series <sup>1</sup>

FCC ID: ACJ-GA-130-COLR

Brief Product Description: Car Radio will contain built-in BT and WLAN transmitters and is marketed exclusively to automobile manufacturers. The car radio will contain product label that states: Contains: FCC ID: ACJ-GA-130-COLR

Equipment Classifications: Digital Transmission System for BT / Equipment Code DTS  
Spread Spectrum Transmitter for WLAN / Equipment Code DSS

FCC Rule Parts: FCC Part 15, Subpart C

BT Frequency Range: 2402 ~ 2480 MHz  
BT RF Output Power: 1.57 mW (1.97 dBm)  
BT Type Antenna: Inverted F Type with 4 dBi antenna gain  
BT Chip Tx Description: Cambridge WLAN Chip Tx  
Description: UniFi CSR6026B/CSR6027 WLCSP Single-Chip IEEE802.11b/g  
(Note, the employed firmware setting does not allow operation in 802.11n mode)

WLAN Frequency Range: 2402 ~ 2480 MHz  
WLAN RF Output Power: 260 mW (24.15 dBm)  
WLAN Type Antenna: Inverted F Type with 4 dBi antenna gain  
Silicon Radio's BlueCore 5 IC (Ver 2.5.0.5)

<sup>1</sup> Basic Model GA-130-COLR-NS may be marketed in three variation modes CCR, CNR and CNRR, which has no influence upon the this filing and approval of the subject two co-located transmitters.

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RF Exposure Evaluation: BT and WLAN single chips are mounted on car radio's main PWB and the car radio then get installed within host automobile. The automobile manufacturer will be advised that they must install the car radio in such a manner that guarantees spacing greater than 20cm to all person's body.<sup>2</sup>

Applicant & Grantee: Panasonic Corporation of North America  
One Panasonic Way, Secaucus, NJ 07094 USA

FRN Number: 0003762242

This authorization is valid for one year period or sooner if provided with written notice from the applicant. This application for the subject equipment has not been submitted to another TCB for certification.

We certify that we are not subject to denial of federal benefits that includes FCC benefits, pursuant to Section 5301 of the Anti-Drug Abuse ACT of 1988, U.S.C. 862. Further, no party, as defined in 47 CFR 1.2002(b), to the application is subject to denial of federal benefits, that includes FCC benefits.

Sincerely,

*Richard Mullen*

Richard Mullen  
Group Manager  
Product Safety & Compliance Division

Cc: Jason Hingerton / PASA

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<sup>2</sup> Possible Example: Car Radio contains BT and WWAN transmitter and has been approved for mobile operation to assure compliance with RF exposure requirements. This requires a minimum of 20 cm (8 inches) must be maintained between the car radio transmitter antenna and driver and passenger's body (excluding extremities of hands, wrist and feet) during wireless modes of operation.

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Request for Confidentiality

May 16, 2012  
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Federal Communications Commission  
Equipment Authorization Division  
7435 Oakland Mills Road  
Columbia, MD. 21046

Re: Request for Confidentiality for Car Head Unit, Model GA-130-COLR-NS Series  
FCC ID: ACJ-GA-130-COLR

To Whom It May Concern:

In accordance with provisions of Sections 0.457 and 0.459 of the Commission's Rules and Section 552(b)(4) of the Freedom of Information Act, we request permanent confidentiality for the below indicated exhibits. This transmitter is not user adjustable and does not have user tune-up procedure. These exhibits contain proprietary, confidential and/or trade secret materials, which would not be routinely made available for public inspection.

- Schematic Diagram
- Block Diagram
- Parts List
- Theory of Operation

In accordance with FCC Public DA 04-1705, we request forty-five day short-term confidentiality, starting from the issuance of equipment authorization date, for the below indicated exhibits. These exhibits contain pre-market information, which could give our competitors unfair advantage should this information be released before this product is actually introduced into the common marketplace.

- External Photographs
- Internal Photographs
- Test Setup Photographs and Test Setup Configuration
- User Manual.

The above materials contain trade secrets and proprietary information not customarily released to the general public. Since this design is a basis from which future technological products will evolve, the public disclosure of these materials can be harmful to the Applicant by providing unfair advantage and benefits to its competitors.

Thank you for your attention to this matter.

Sincerely,

*Richard Mullen*

Richard Mullen  
Group Manager  
Product Safety & Compliance Division

Letter to Agency to UL CCS

May 16, 2012  
PASA-12-F001

UL Compliance Certification Services  
Certification Division  
47173 Benicia Street  
Fremont, CA 94538, USA

Re: Car Head Unit, Model GA-130-COLR-NS Series  
FCC ID: ACJ-GA-130-COLR

To whom it may concern:

I, the undersigned, hereby authorize Ms. Claire Hoque / Application Examiner of Compliance Engineering Services, Inc., d.b.a. UL Compliance Certification Services and hereafter referred to as UL-CCS, to act on our behalf in all manners relating to application for equipment authorization, including signing of all documents relating to these matters. Any and all acts carried out by Ms. Claire Hoque of CCS on our behalf shall have the same effect as acts of our own.

I, the undersigned, hereby certify that we are not subject to a denial of federal benefits, that includes FCC benefits, pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. 853(a).

In authorizing UL-CCS as our agent, we still recognize that we are responsible to:

- a) comply with the relevant provisions of the certification program;
- b) make all necessary arrangements for the conduct of the evaluation, including provision for examining documentation and access to all areas, records (including internal audit reports) and personnel for the purposes of evaluation (e.g. testing, inspection, assessment, surveillance, reassessment) and resolution of complaints;
- c) make claims regarding certification only in respect of the scope for which certification has been granted;
- d) do not use our product certification in such a manner as to bring the Certification Division into disrepute and not make any statement regarding our product certification which the Certification Division may consider misleading or unauthorized;
- e) upon suspension or cancellation of certification, discontinue use of all advertising matter that contains any reference thereto and return any certification documents as required by the Certification Division;
- f) use certification only to indicate the products are certified as being in conformity with specified standards;
- g) endeavor to ensure that no certificate or report nor any part thereof is used in a misleading manner;
- h) ensure that any reference to our product certification in communication media such as documents, brochures or advertising, complies with the requirements of the Certification Division;

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- i) keep a record of all complaints made known to the us relating to the product's compliance with requirements of the relevant standard and to make these records available to the Certification Division when requested;
- j) take appropriate action with respect to such complaints and any deficiencies found in products or services that affect compliance with the requirements for certification;
- k) document the actions taken.

This authorization is valid for one year period or sooner if provided with written notice from the applicant.

Sincerely Yours,

*Richard Mullen*

Richard Mullen  
Group Manager, Product Safety & Compliance Division  
Panasonic Corporation of North America