

Date: September 7th, 2023

Class Permissive Change request letter

Manufacturer: Harman Becker Automotive Systems GmbH

Model: SA-N9001

FCC ID: T8GSAN9001

We, Harman Becker Automotive Systems GmbH., pursuant FCC §2.1043, hereby request the evaluation of a Class 2 Permissive Change as described below for the device mentioned above.

The change is only related to the fact that the part of band n77/78 has been added by software (no HW changes), and the FCC grant of the cellular module has been updated accordingly via a C2PC dated on 06/16/2023. No other changes to transmit power output, modulation or frequency have been made.

This limited C2PC for T8GSAN9001 is because:

- Integration of the module in the TCU: WAVE-11-HIGH-R2/ WAVE-11-HAF-R2: Radiated spurious have been carried out.
- RF exposure condition from mobile to portable (some specific antennas as described in the filing): SAR testing has been updated.
- Co-location with module with FCC ID: T8GSAN9000: Simultaneous TX evaluated was tested.

Since the initial testing (RF, EMC, SAR) was done considering the complete band, all the previous results included in the reports available remain valid and representative (there are no changes).

The module mentioned above is integrated together with the module SA-N9001 on a Telecommand Control Unit for vehicles (models: WAVE-11-HIGH-R2 & WAVE-11-HAF-R2), to provide connectivity to the vehicle and users. Both modules can transmit independently, and the output port depends on the frequency band.

All non-US bands will be inoperable when operated in the United States.

All the working modes and antennas distribution remains the same as before.

Yours sincerely,



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