



Date: July 30, 2020

to:	from:
Federal Communications Commission Equipment Authorization Branch 7435 Oakland Mills Rd. Columbia MD 21046	Harman Becker Automotive Systems GmbH Becker-Göring Str. 16 76307 Karlsbad Germany

Ref: Leverage of use of the RF exposure from NTG7 PREMIUM

Type of equipment:	Automotive Infotainment System
Brand name:	Mercedes-Benz
Model:	NTG7 PREMIUM
FCC ID	T8GNTG7PRE-US

To whom it may concern,

We hereby attest that we have updated the information related to the antennas distances, affected to the NTG7 PREMIUM. User Manual has been updated with this information:

All NTG7 HU products (NTG7 MID, NTG7 HIGH, NTG7 PREMIUM and NTG7 PREMIUMPLUS) will be installed into specific carlines using three transmitting antennas. For all carlines, antennas will be installed into three specific locations resulting in a distance much greater than 20 cm between them.

According to this information, each car passenger will only have one specific antenna near its seat:

- “Pin2/Ext.Antenna” will be installed always at a distance greater than 20 cm from any car passenger for all carlines. This antenna is used only for MIMO 2G4.
- “Pin3/Co-pilot” antenna will be installed at distances between 13.17 cm and more than 20 cm to the closest car passenger depending on the carline model. This antenna is used for SISO 5G and Bluetooth.
- “Pin4/Pilot” antennas will be installed at distances between 17.125 cm and more than 20 cm to the closest car passenger depending on the carline model. This antenna is used for SISO 2G4 and MIMO 2G4.

An RF exposure assessment has been delivered to back up the SAR exclusion of the unit.

The RF exposure has been addressed to the model NTG7 PREMIUMPLUS, however due to the similarities with the rest of NTG7 HU variants, this RF Exposure is also applicable to the device under certification here. There is a declaration behind this statement that has been provided additionally.



Sincerely,

By:	Simon Voegele	PA 
Title:	Regulatory Compliance Expert	
Company:	Harman Becker Automotive Systems GmbH	
Telephone:	+49 7248 71 3667	
e-mail:	simon.voegele@harman.com	