

TCB

GRANT OF EQUIPMENT  
AUTHORIZATION

TCB

Certification  
Issued Under the Authority of the  
Federal Communications Commission  
By:

cetecom advanced GmbH  
Untertuerkheimer Strasse 6-10  
Saarbruecken, 66117  
Germany

Date of Grant: 08/27/2025

Application Dated: 08/27/2025

**Continental Automotive Technologies GmbH****Heinrich-Hertz-Str. 45****Villingen-Schwenningen, 78052****Germany****Attention: Marion Gruener , Dr.****NOT TRANSFERABLE**

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is  
VALID ONLY for the equipment identified hereon for use under the Commission's  
Rules and Regulations listed below.

FCC IDENTIFIER: 2AJW5CIBCCU3

Name of Grantee: Continental Automotive Technologies  
GmbH

Equipment Class: PCS Licensed Transmitter

Notes: Connectivity Device

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
	22H	826.4 - 846.6	0.06166	0.001681994 PM	4M11F9W
	24E	1852.4 - 1907.6	0.22909	0.002218085 PM	4M11F9W
	27	1712.4 - 1752.6	0.40738	0.003013161 PM	4M11F9W
	24E	1850.0 - 1910.0	0.2512	0.001994681 PM	8M96G7D
	24E	1850.0 - 1910.0	0.20417	0.001824468 PM	2M70W7D
	24E	1850.0 - 1910.0	0.23988	0.001994681 PM	17M9G7D
	24E	1850.0 - 1910.0	0.19055	0.001824468 PM	17M9W7D
	27	1710.0 - 1755.0	0.26303	0.001050505 PM	17M9G7D
	27	1710.0 - 1755.0	0.21878	0.001056277 PM	17M9W7D
	22H	824.0 - 849.0	0.05248	0.001601913 PM	8M96G7D
	22H	824.0 - 849.0	0.04365	0.001996414 PM	1M10W7D
	22H	824.0 - 849.0	0.04169	0.001996414 PM	8M96W7D
	27	2500.0 - 2570.0	0.51286	0.001838264 PM	8M99G7D
	27	2500.0 - 2570.0	0.42658	0.001964497 PM	8M99W7D
	27	2500.0 - 2570.0	0.48978	0.001838264 PM	17M9G7D
	27	2500.0 - 2570.0	0.41687	0.001964497 PM	18M0W7D
	27	699.0 - 716.0	0.05888	0.003053004 PM	2M70G7D
	27	699.0 - 716.0	0.05012	0.002869258 PM	1M09W7D
	27	699.0 - 716.0	0.05754	0.003053004 PM	8M98G7D
	27	699.0 - 716.0	0.04677	0.002869258 PM	8M96W7D
	27	777.0 - 787.0	0.05754	0.00258312 PM	8M97G7D
	27	777.0 - 787.0	0.04467	0.002774936 PM	4M51W7D

<b>27</b>	<b>777.0 - 787.0</b>	<b>0.04266</b>	<b>0.002774936 PM</b>	<b>8M96W7D</b>
<b>27</b>	<b>704.0 - 716.0</b>	<b>0.05248</b>	<b>0.002676056 PM</b>	<b>8M97G7D</b>
<b>27</b>	<b>704.0 - 716.0</b>	<b>0.03981</b>	<b>0.001816901 PM</b>	<b>8M94W7D</b>
<b>24E</b>	<b>1850.0 - 1915.0</b>	<b>0.23442</b>	<b>0.001413015 PM</b>	<b>13M4G7D</b>
<b>24E</b>	<b>1850.0 - 1915.0</b>	<b>0.19498</b>	<b>0.001205843 PM</b>	<b>13M5W7D</b>
<b>24E</b>	<b>1850.0 - 1915.0</b>	<b>0.22909</b>	<b>0.001413015 PM</b>	<b>17M9G7D</b>
<b>24E</b>	<b>1850.0 - 1915.0</b>	<b>0.19055</b>	<b>0.001205843 PM</b>	<b>17M9W7D</b>
<b>27</b>	<b>2500.0 - 2690.0</b>	<b>0.32359</b>	<b>0.002059391 PM</b>	<b>18M0G7D</b>
<b>27</b>	<b>2500.0 - 2690.0</b>	<b>0.26915</b>	<b>0.002406479 PM</b>	<b>8M99W7D</b>
<b>27</b>	<b>2500.0 - 2690.0</b>	<b>0.26303</b>	<b>0.002406479 PM</b>	<b>17M9W7D</b>
<b>27</b>	<b>1710.0 - 1780.0</b>	<b>0.30903</b>	<b>0.001575931 PM</b>	<b>17M9G7D</b>
<b>27</b>	<b>1710.0 - 1780.0</b>	<b>0.24547</b>	<b>0.001575931 PM</b>	<b>8M96W7D</b>
<b>27</b>	<b>1710.0 - 1780.0</b>	<b>0.23988</b>	<b>0.001575931 PM</b>	<b>17M9W7D</b>
<b>22H</b>	<b>824.0 - 849.0</b>	<b>0.04571</b>	<b>0.003751508 PM</b>	<b>13M4G7D</b>
<b>22H</b>	<b>824.0 - 849.0</b>	<b>0.03981</b>	<b>0.002748815 PM</b>	<b>13M4W7D</b>
<b>90</b>	<b>814.0 - 824.0</b>	<b>0.04365</b>	<b>0.001465201 PM</b>	<b>8M96G7D</b>
<b>90</b>	<b>814.0 - 824.0</b>	<b>0.03388</b>	<b>0.000879121 PM</b>	<b>2M70W7D</b>
<b>90</b>	<b>814.0 - 824.0</b>	<b>0.03311</b>	<b>0.000879121 PM</b>	<b>8M95W7D</b>

Output power listed is average E.R.P. for < 1 GHz band and average E.I.R.P. for > 1 Ghz bands. The device incorporates one transmitter(WCN3950 chip) with LTE, WCDMA, WLAN 2.4 GHz, WLAN 5 GHz, Bluetooth Classic and Bluetooth Low Energy and a second transmitter(AW611 chip) with Bluetooth Classic and Bluetooth Low Energy. This device supports bandwidths of 1.4/3/5/10/15/20 MHz for LTE Bands 2, 4, 25 and 66, bandwidths of 1.4/3/5/10 MHz for LTE Bands 5 and 12, bandwidths of 5/10/15/20 MHz for LTE Bands 7 and 41, bandwidths of 1.4/3/5/10/15 MHz for LTE Band 26, and bandwidths of 5/10 MHz for LTE Bands 13 and 17. This device has been tested with 20 mm distance to the phantom and meets FCC RF exposure guidelines. The highest reported SAR values for extremities, body-worn and simultaneous transmission SAR exposure conditions are 0.57 W/kg, 0.92 W/kg and 0.962 W/kg, respectively.

## **For FCC Approval**

The data has been uploaded to the FCC database and a certificate has been issued.

The FCC grant(s) are with immediate effect and are published on the FCC website at <https://apps.fcc.gov/oetcf/eas/reports/GenericSearch.cfm>

Please be aware that the FCC reserves the right to review any TCB grant within 30 days.

### **Info:**

Please be advised that the grantee shall make provisions to have production samples available for at least one year after the last production date and that the grantee may be requested to submit the equipment for post-market surveillance testing. These samples may be requested, at any time, by either the TCB or the FCC.