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**EMC and Radio test data explanation summary according KDB 484596 D01**

Ladies and gentlemen,

**FCC-ID: YBN-AIVIH60A0**  
**IC: 9595A-AIVIH60A0**

**Introduction**

FCC ID YBN-AIVIH60A0 is referencing to FCC ID YBN-AIVIL42P0 with following equipment classes, rule parts and frequency bands:

Equipment Class	Rule Part	Frequency band
DSS	15.247	2.400GHz – 2.480GHz
DTS	15.247	2.412GHz to 2.462GHz
NII	15.407	5.150GHz to 5.850GHz

We, Robert Bosch Car Multimedia, take full responsibility that the test data referenced under chapter "Reference Section" within this explanation represents compliance for the new FCC ID YBN-AIVIH60A0.

**Explanation of differences**

- Positioning of the BT/WLAN2.4 and WLAN5 antennas
- Front plastic cover



**Spot Check Verification Data Section:**

Please refer to the following reports containing spot-check data

Equipment Class	Rule Part	Frequency band	Test Report Reference
DSS	15.247	2.400GHz – 2.480GHz	- BL-SZ1870190-601 FCC&IC DSS test report-AIVIH60A0
		Test Cases for spot check	Comments
		<ul style="list-style-type: none"> <li>- Transmitter Peak Output power conducted</li> <li>- Transmitter Peak Output power radiated</li> <li>- General field strength emissions + restricted bands</li> </ul>	<ul style="list-style-type: none"> <li>- only tested for worst case data rate of reference</li> </ul>
DTS	15.247	2.412GHz - 2.462GHz	- BL-SZ1870190-603 FCC&IC DTS test report_WLAN-AIVIH60A0
		Test Cases for spot check	Comments
		<ul style="list-style-type: none"> <li>- Transmitter Peak Output power conducted</li> <li>- Out-Of-Band RF-Emission, Band Edge Compliance</li> <li>- General field strength emissions + restricted bands</li> </ul>	<ul style="list-style-type: none"> <li>- only tested for worst case modulation of reference</li> </ul>
NII	15.407	5.150GHz - 5.850GHz	- BL-SZ1870190-605 FCC&IC NII test report-AIVIH60A0 - BL-SZ1870190-607 DFS test report-AIVIH60A0
		Test Cases for spot check	Comments
		<ul style="list-style-type: none"> <li>- Output power conducted</li> <li>- Maximum EIRP power</li> <li>- General field strength emissions</li> </ul>	<ul style="list-style-type: none"> <li>- only tested for worst case modulation of reference</li> </ul>



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		within restricted bands + Band-Edge compliance	
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**Reference Section**

Please refer to following data for cross-referencing

Rule Part	Frequency band	FCC ID	Test Report Cross Reference
15.247	2.400GHz – 2.480GHz	YBN-AIVIL42P0	- BTL-FCCP-1-1807C078 BT
15.247	2.412GHz - 2.462GHz	YBN-AIVIL42P0	- BTL-FCCP-2-1807C078 2.4G
15.407	5.150GHz - 5.850GHz	YBN-AIVIL42P0	- BTL-FCCP-3-1807C078_5G - BTL-FCCP-4-1807C078 Slave DFS

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(please refer to: PoA\_30-May\_up\_to\_18-August\_2018)

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