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31 July 2018

EMC and Radio test data explanation summary according KDB 484596 D01

Ladies and gentlemen,

FCC-ID: YBN-AIVIH61L0
IC: 9595A-AIVIH61L0

Introduction

FCC ID YBN-AIVIH61L0 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- AIVIH61L0.

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-SZ1870190-602 FCC&IC DSS test report-AIVIH61L0 |
| | | Test Cases for spot check | Comments |
| | | <ul style="list-style-type: none"> - Transmitter Peak Output power conducted - Transmitter Peak Output power radiated - General field strength emissions + restricted bands | <ul style="list-style-type: none"> - only tested for worst case data rate of reference |
| DTS | 15.247 | 2.412GHz - 2.462GHz | - BL-SZ1870190-604 FCC&IC DTS test report_WLAN-AIVIH61L0 |
| | | Test Cases for spot check | Comments |
| | | <ul style="list-style-type: none"> - Transmitter Peak Output power conducted - Out-Of-Band RF-Emission, Band Edge Compliance - General field strength emissions + restricted bands | <ul style="list-style-type: none"> - only tested for worst case modulation of reference |
| NII | 15.407 | 5.150GHz - 5.850GHz | <ul style="list-style-type: none"> - BL-SZ1870190-606 FCC&IC NII test report-AIVIH61L0 - BL-SZ1870190-608 DFS test report-AIVIH61L0 |
| | | Test Cases for spot check | Comments |
| | | <ul style="list-style-type: none"> - Output power conducted - Maximum EIRP power - General field strength emissions | <ul style="list-style-type: none"> - only tested for worst case modulation of reference |



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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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