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EMC and Radio test data explanation summary according KDB 484596 D01

Ladies and gentlemen,

FCC-ID: YBN-AIVIL42N0
IC: 9595A-AIVIL42N0

Introduction

FCC ID YBN-AIVIL42N0 is referencing to FCC ID YBN-AIVIP32R0 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-AIVIL42N0

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	BTL-FCCP-4-1808C227_BT_AIVIL42N0 MDG1810008
		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	BTL-FCCP-5-1808C227_2.4G_AIVIL42N0 MDG1810008
		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	BTL-FCCP-6-1808C227_5G_AIVIL42N0 MDG1810008
		Test Cases for spot check	Comments
		<ul style="list-style-type: none"> - Output power conducted - Maximum EIRP power - General field strength emissions within restricted bands + Band-Edge compliance 	<ul style="list-style-type: none"> - only tested for worst case modulation of reference

15 October 2018

Page 3 of 3

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-AIVIP32R0	- CETECOM_TR17-1-0065901T59a
15.247	2.412GHz - 2.462GHz	YBN-AIVIP32R0	- CETECOM_TR17-1-0065901T58a
15.407	5.150GHz - 5.850GHz	YBN-AIVIP32R0	- CETECOM_TR17-1-0065901T60a - 1-4552_17-01-03



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