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 Authorization and Evaluation Division
 Equipment Authorization Branch
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Cover Letter – Class II Permissive Change Request

31 January 2024

We, **Robert Bosch GmbH**, herewith apply for a class II permissive change on our existing filing:

FCC ID: 2AUXS-AIVI2SBXM
Originally Granted 12/24/2021

Reason is to add new antennas to the existing filing.

The transmitter in the original application was certified with Metal Plate Antenna as follows:

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	N/A	VPMASF-10849-AF	Metal Plate Antenna	-0.42dBi for 2.4GHz 0.83dBi For 5.15~5.25GHz 1.45dBi For 5.25~5.35GHz 2.44dBi For 5.47~5.725GHz 0.29dBi For 5.725~5.825GHz
2	MITSUBISHI ELECTRIC CORPORATION	DU-7NW233AL-SAMPLE1	Metal Plate Antenna	0.94dBi for 2.4GHz -4.39dBi For 5.15~5.25GHz -4.75dBi For 5.25~5.35GHz 1.90dBi For 5.47~5.725GHz 2.32dBi For 5.725~5.825GHz
3	Faurecia Clarion Electronics CO., LTD.	ZM-8100	Metal Plate Antenna	-1.91dBi for 2.4GHz -4.11dBi For 5.15~5.25GHz -4.17dBi For 5.25~5.35GHz -2.35dBi For 5.47~5.725GHz -2.16dBi For 5.725~5.825GHz

This C2PC is to add four additional antennas for WLAN which type is same as original grant.

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	NISSEI ELECTRIC	28090 HS00A	Metal Plate Antenna	-0.94 dBi for 5150~5250 MHz 1.68 dBi for 5250~5350 MHz 0.10 dBi for 5470~5725 MHz -0.51 dBi for 5725~5850 MHz
2	INPAQ TECHNOLOGY	28091 7LA0A	Metal Plate Antenna	-3.71 dBi for 5150~5250 MHz -1.48 dBi for 5250~5350 MHz -0.40 dBi for 5470~5725 MHz -1.57 dBi for 5725~5850 MHz
3	NISSEI ELECTRIC	28090 9HF0A/B	Metal Plate Antenna	-5.42 dBi for 5150~5250 MHz -2.26 dBi for 5250~5350 MHz -4.12 dBi for 5470~5725 MHz -3.97 dBi for 5725~5850 MHz
4	Harada Industry	VPPASF-10849-ZA	Metal Plate Antenna	2.28 dBi for 5150~5250 MHz 1.75 dBi for 5250~5350 MHz 2.18 dBi for 5470~5725 MHz 0.12 dBi for 5725~5850 MHz

Each antenna has been evaluated and only the worst case (higher gain antenna) is presented in the report.

Sincerely

Signature
i.V. Dirk Zamow
Grantee Main Contact
Robert Bosch GmbH