



August 24, 2021

Federal Communications
Commission Authorization and
Evaluation Division 7435 Oakland
Mills Road, Columbia, MD 21046

**FCC Class II Permissive Change for FCC ID : A3LAX210D
(Original Grant date : 08/24/2021)**

Dear Examiner,

This application is preparing for Class II Permissive Change that adding a certified module (Model Name : AX210D2W, FCC ID : A3LAX210D) into a new Laptop Computer (Model Name: NP935QDC, Brand : Samsung)

The major change filed under this application is :

Change #1 : As described in the Operational Description, Changes to the application of power table depending on the LCD angle of the laptop.

Change #2 : Adds new antennas that meet FCC Part 15 equivalent-type. The antenna information is listed as below.

Antenna	Type	Manufacturer	Frequency	Peak Gain (dBi)
WLAN ANT1 (Main)	FPCB	Galtronics	2400 – 2500 MHz	-1.12
			5150 – 5350 MHz	2.38
			5470 – 5725 MHz	2.39
			5725 – 5850 MHz	1.75
			5925 – 6425 MHz	3.32
			6425 – 6525 MHz	3.32
			6525 – 6875 MHz	3.42
			6875 – 7125 MHz	3.46
WLAN ANT2 (Aux)	FPCB	Galtronics	2400 – 2500 MHz	2.27
			5150 – 5350 MHz	1.93
			5470 – 5725 MHz	2.73
			5725 – 5850 MHz	2.73
			5925 – 6425 MHz	1.55
			6425 – 6525 MHz	1.34
			6525 – 6875 MHz	0.59
			6875 – 7125 MHz	-1.40



Licensed Module (FCC ID : A3LH111U935QDC)

Antenna	Type	Manufacturer	Frequency	Peak Gain (dBi)
WWAN ANT 1 (Main)	FPCB	Galtronics	WCDMA B2, LTE B25/2, NR n2 (1850 – 1910 MHz)	-0.92
			WCDMA B4, LTE B66/4, NR n66 (1710 – 1755 MHz)	-0.41
			LTE B7 (2500 – 2570 MHz)	-0.24
			LTE B41, NR n41 (2496 – 2690 MHz)	-0.24
WWAN ANT 2 (Aux)	FPCB	Galtronics	WCDMA B5, LTE B5, NR n5 (824 – 849 MHz)	-0.6
			LTE B12 (699 – 716 MHz)	-1.25
			LTE B13 (777 - 787MHz)	-0.84
			LTE B14 (788 – 798 MHz)	-1.11
			LTE B71, NR n71 (663 – 698 MHz)	-1.91
WWAN ANT 3 (MIMO2)	FPCB	Galtronics	NR n77 (3300 – 4200 MHz)	1.71
WWAN ANT 4 (MIMO1)	FPCB	Galtronics	Only Receive	N/A

SAR testing and RF spot check was performed to demonstrate RF compliance
For Bluetooth, spot check was performed and emission level does not have any degradation.

Sincerely Yours,

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