

Date: May 16, 2023

Federal Communications Commission
7435 Oakland Mills Road
Columbia MD 21046

Requesting Class II permissive change

To Whom It May Concern:

The purpose of this letter is to request a Class II Permissive change for
FCC ID: **N6C-PCEAX**, Original grant date: April 21, 2022

The major change filed under this application is :

1. Evaluation has been done to ensure compliance of EMC and RF exposure.
2. The hardware design of this transmitter that may affect compliance is remained unchanged in this permissive change application.
3. The security mechanism according to section II of KDB 594280 D02 is remained unchanged as it reported to the FCC at the initial certification.
4. 802.11 UNII reduce band 1 & band 2 power via software.
5. Adding new antenna(s), please refer antenna report for details.

Sincerely,

(Signature)



Name: **Yoshinori Nakai**

Title: **General Manager**

On behalf of: **Silex Technology, Inc.**

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Date: May 16, 2023

Annex

Adding new antenna(s) with same antenna type and lower gain as below,

QCA Original antenna

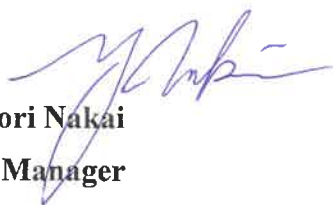
Antenna Type	Supplier	Antenna Part No.	Freq.	Peak Antenna Gain (dBi)
Monopole	HONGBO	260-25084	2.4GHz	3.22
			5.150-5.250 GHz	3.35
			5.250-5.350 GHz	3.42
			5.470-5.725 GHz	4.77
			5.725-5.850 GHz	4.72
			5.850-5.895 GHz	4.71
			5.925-6.425 GHz	4.75
			6.425-6.525 GHz	4.29
			6.525-6.875 GHz	4.81
			6.875-7.125 GHz	4.74

Additional antennas

Antenna Type	Supplier	Antenna Part No.	Freq. (MHz)	Peak Antenna Gain (dBi)
Monopole	TAOGLAS	GW.05.0153	2.4GHz	0.37
			5.150-5.250 GHz	1.69
			5.250-5.350 GHz	1.92
			5.470-5.725 GHz	2.18
			5.725-5.850 GHz	2.43
			5.850-5.895 GHz	2.07
			5.925-6.425 GHz	3.09
			6.425-6.525 GHz	2.94
			6.525-6.875 GHz	2.55
			6.875-7.125 GHz	2.48
Monopole	TE connectivity	2118907-8	2.4GHz	2.31
			5.150-5.250 GHz	1.44
			5.250-5.350 GHz	2.09
			5.470-5.725 GHz	2.81
			5.725-5.850 GHz	1.71
			5.850-5.895 GHz	2.27
			5.925-6.425 GHz	2.99
			6.425-6.525 GHz	2.7
			6.525-6.875 GHz	3.23
			6.875-7.125 GHz	2.02

Sincerely,

(Signature)



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