

# Request for Class II Permissive Change

GL Technologies (Hong Kong) Limited

FCC ID: [2AFIW-BE3600](#)

Date: 2025/04/18

To: Federal Communication Commission  
Equipment Authorization Branch  
7435 Oakland Mills Road  
Columbia, MID 21046

Please be notified that we, the undersigned, (**GL Technologies (Hong Kong) Limited**) declare that the reasons for this Class II permissive change are as below:

replaced chip QCN6422 with QCN6412. the same specifications:

## 2.4G WIFI

Operation Frequency:	2412MHz to 2462MHz, 2422MHz to 2452MHz
Modulation Type:	802.11b: DSSS (CCK, DQPSK, DBPSK), 802.11g/n: OFDM (64QAM, 16QAM, QPSK, BPSK) 802.11ax: OFDM/OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM) 802.11be: OFDM/OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM)
Channel Spacing:	5MHz
Number of Channels:	802.11b/g/n/ax/be(HT20): 11, 802.11n/ax/be (HT40):7

## 5G WIFI

Operation Frequency:	5150MHz to 5250MHz 5250MHz to 5350MHz 5470MHz to 5725MHz 5725MHz to 5850MHz
Modulation Type:	802.11a: OFDM (BPSK, QPSK, 16QAM, 64QAM)
	802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM)
	802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM)
	802.11ax: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM)
	802.11be: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM)
Channel Spacing:	20MHz: 802.11a/n(HT20)/ac(VHT20)/ax(HEW20)/ be(EHT20)
	40MHz: 802.11n(HT40)/ac(VHT40)/ax(HEW40)/ be(EHT40)
	80MHz: 802.11ac/ax/be(VHT80)/ax(HEW80)/ be(EHT80)
	160MHz: 802.11ax(HEW160)/ be(EHT160)

Above changes won't impact the protocol and RF performance for the original other frequency bands.  
The original certification date is: 03/25/2025.

Sincerely,

Print Name: Alfie Zhao

Title: General Manager

Signature:



On behalf of Company: GL Technologies (Hong Kong) Limited

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