

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, MD 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

Telephone: (+852) 60962240

E-mail: alzhaio@gl-inet.com