



Sep. 12, 2018

Federal Communications Commission
 Authorization and Evaluation Division
 1435 Oakland Mills Road Columbia,
 MD 21046

SUBJECT: Class II Permissive Charge for FCC ID: **MG3-2236B**

The product, Wi-Fi Dongle, has been granted by FCC dated 06/05/2018, FCC ID: **MG3-2236B**. Now we, UNIVERSAL ELECTRONICS INC, would like to modify the authorized equipment for below changes:

- Changed the antenna matching circuit
- Antenna gain changed:

		C2PC		Original
5G	Antenna Gain	Chain 0	5150-5250MHz: 4.26 dBi	1.5 dBi
			5250-5350MHz:4.5 dBi	
			5470-5725MHz: 4.56 dBi	
			5725-5850MHz: 4.84 dBi	
		Chain 1	5150-5250MHz: 4.26 dBi	1.5 dBi
			5250-5350MHz:4.5 dBi	
			5470-5725MHz: 4.56 dBi	
			5725-5850MHz: 4.84 dBi	
Directional Gain	7.27 dBi	4.51 dBi		
	7.51 dBi			
	7.57 dBi			
	7.85 dBi			
2.4 G	Antenna Gain	Chain 0	-1.65 dBi	1.5 dBi
		Chain 1	-1.65 dBi	1.5 dBi
	Directional Gain	1.36 dBi		

- R1 changed from NC to 3nH, C1 changed from NC to 3nH, L1 changed from 0R to 0.7pF
- R54 changed from NC to 3nH, C95 changed from NC to 3nH, L1 changed from 0R to 0.7pF
- The location of R1, C1, L1, R54, C95, L1 changed



As verified with test lab (Shenzhen UnionTrust Quality and Technology Co., Ltd.), the output power for new product didn't increase which could meet FCC's requirements.

We would like to certify the additional of certified FCC ID: **MG3-2236B** as a Class II Permissive Change in this device.

Thank you for your attention in this matter.

A handwritten signature in blue ink, which appears to read 'Jesse Mendez', is written over a red circular stamp. The stamp contains the text 'UNIVERSAL ELECTRONICS' around the perimeter and 'JEM' in the center.

UNIVERSAL ELECTRONICS INC
Contact person: Jesse Mendez