

STATEMENT

To: Federal Communications Commission
Innovation, Science and Economic Development Canada

We 'ESPRESSIF SYSTEMS (SHANGHAI) CO., LTD' hereby declare that the antenna used in our 2.4GHz Wi-Fi & BT IoT module (with FCC ID 2AC7Z-ESPS3WROOM1U and IC 21098-ESPS3WROOMU) is equivalent to the antenna used in the smart lawn mower charging station (with FCC ID 2BAQQNOVABOT002 and IC 30447-NOVABOT002) manufactured by our customer (Shenzhen LYF Intelligence Co., Ltd.)

Approved antenna	
Parameter	Value
Part Number	TFPD05H08750011
Radiation type	Omnidirectional
Connector Type	IPEX-1
Polarization	Vertical
Gain	2.17dBi
Nominal Impedance	50Ω
S.W.R.	<2.5
Equivalent antenna	
Parameter	Value
Part Number	TX2400-FPC-5015
Antenna type	Omnidirectional
Connector Type	IPEX-1
Polarization	Linear- Vertical
Gain	0.6dBi
Nominal Impedance	50Ω
S.W.R.	≤1.5

Sincerely,

Name: *Jue*
Company Name: ESPRESSIF SYSTEM(SHANGHAI) CO., LTD
Date: 26.10.2023