

# ICE Cobotics (Guangdong) Company Limited

## Declaration concerning Antenna Specification

It is hereby declared that the product

Model No.: ICE1001-S4LC(Global),

FCC ID: 2AWHZ-ICE1001

fulfills the requirement in FCC test relating to the antenna type.

The device specified above confirms to the FCC recommendations for PIFA antenna type(s) described below:

Model No. of antenna: ICE-1001 ANT

Type of antenna: PIFA Antenna (One for WIFI, the other for LTE )

### **Gain of the antenna**

LTE Band 2: 2.81 dBi  
LTE Band 4: 3.89 dBi  
LTE Band 5: 0.22 dBi  
LTE Band 7: 1.70 dBi  
LTE Band 12: -1.38 dBi  
LTE Band 13: -1.18 dBi  
LTE Band 25: 2.81 dBi  
LTE Band 26: 0.22 dBi  
LTE Band 41: 1.70 dBi  
WIFI: 4.37 dBi

### **Frequency range:**

LTE Band 2: 1850.7 ~ 1909.3 MHz  
LTE Band 4: 1710.7 ~ 1754.3 MHz  
LTE Band 5: 824.7 ~ 848.3 MHz  
LTE Band 7: 2502.5 ~ 2567.5 MHz  
LTE Band 12: 699.7 ~ 715.3 MHz  
LTE Band 13: 779.5 ~ 784.5 MHz  
LTE Band 25: 1850.7 ~ 1914.3 MHz  
LTE Band 26: 824.7 ~ 848.3 MHz  
LTE Band 41: 2498.5 ~ 2687.5 MHz  
WIFI Band: 2412-2462 MHz

The mounting of the antenna is fixed to the radio module and no other antenna should be used.

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