

GOLFZON (CHINA) LIMITED

Add: B1, Building 1, Zhongyuan Science and Technology Building, No. 53 Xiaoying North Road, Chaoyang District, Beijing, PRC China

Date: 2025-12-27

FCC ID: 2BTES-GZC-RFID-25

Dear Sir/Madam,

We, **GOLFZON (CHINA) LIMITED** Hereby declares that Pseudorandom Algorithm in our current UHF RFID products in the frequency range from 902-928 MHz fulfils the requirements of FCC 47 CFR15.247:

The algorithm has the following characteristics in order to fulfil these requirements:

- 51 channels are used
- the channels are equally spaced 500kHz
- all channels are equally used in pseudo random pattern
- a 500 kHz guard interval is unused at the band edges
- the lowest channel is 902.500 MHz
- the highest channel is 927.500 MHz
- $fN/\text{kHz} = 902500 + (N-1)*500$ with N from 1 to 51

The pseudorandom algorithm is implemented in firmware. It is based on a proven pseudo random number generator compliant with NIST FIPS 140-2 and was verified by numeric tests and channel measurements.

Sincerely,

Fengji Cheng

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