



Testing Tomorrow's Technology

April 17, 2024

Subject: FCC Part 15C and RSS-247 Class 2 Permissive Change for Neptune Technology Group, Inc., Model R900, FCC ID: P2SR900CE and IC: 4171B-R900CE

The purpose of this report is to file for a Class II Permissive Change for the following reasons:

1. Neptune Technology Group, Inc is adding an additional Pit Antenna, internally referred to as the Plus Antenna. Here are the specs:

Antenna Type: Pit Antenna (Proprietary Omni Directional design)

Antenna Gain: 3.9 dBi

Impedance: 50 ohm

Manufacturer: Neptune Technology Group

Due to the changes above, the equipment was re-evaluated for continued compliance with Part 15.247, 15.209 and RSS-247 requirements. The following test were performed:

- Intentional Radiated emissions Part 15.247(d)/RSS-247
- Spurious Radiated emissions Part 15.209/RSS-247

No other hardware changes have been made to the original product nor were there any additional changes to the transmitter circuitry of the radio. The changes described in this filing result in the same RF characteristics as in the original filing and all other original test results continue to be representative of the equipment. There is no increase in the output power; however, the antenna gain has increased. Therefore, the RF Exposure condition changed and an updated MPE evaluation exhibit has been included in the report submittal. The device remains the same equipment class and there are no other changes to the device that indicate a need for a new FCC ID. The test report shows that the product continues to meet the applicable subpart of CFR 47, Part 15.207, 15.209, and 15.247. See the test report and additional submittal exhibits for details.

Date of most recent Grant and Certification:

FCC ID: P2SR900CE FCC Grant Issued: 2024-02-28

IC: 4171B-R900CE ISED Certificate Issued: 2024-03-02

Best Regards,

A handwritten signature in black ink, appearing to read 'George Yang', is written over a faint, illegible printed name.

George yang - Agent for Neptune Technology Group Inc.

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