



Testing Tomorrow's Technology

September 30, 2022

Subject: FCC Part 15C Class 2 PERMISSIVE CHANGE for Neptune Technology Group Inc, Model R900, FCC ID: P2SR900CE, IC: 4171B-R900CE

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

Neptune Technology Group, Inc is adding an additional Pit Antenna.

Antenna Type: Pit Antenna (Proprietary Omni Directional design)

Antenna Gain: -0.8 dBi

Impedance: 50 ohm

Manufacturer: Taoglas

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

- Intentional Radiated emissions Part 15.247(d)/ RSS-247
- Spurious Radiated emissions Part 15.209/ RSS-Gen
- Output Power measurements (verification purpose)

No other hardware changes have been made to the original product. No 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.

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 for CFR 47, Part 15.207, 15.209, and 15.247 and RSS-247 and RSS-Gen.

See the test report and additional submittal exhibits for details.

Best Regards,

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