



July 6, 2018

Subject: FCC 15.247, RSS-247, and RSS-Gen Class 2 PERMISSIVE CHANGE for Neptune Technology, Inc. FCC ID: P2SL900M2 and IC: 4171B-L900M2

The purpose of this report is to file a Class 2 Permissive Change to add a Neptune Technology Group Wire Antenna (R900) as an option to the original certification. No hardware or software changes were required. The EUT is identical to the originally submitted EUT except for the addition of the following new antenna.

MANUFACTURER	TYPE OF ANTENNA	MODEL	GAIN dB _i	TYPE OF CONNECTOR
Neptune Technology Group	Monopole	R900 Wire Antenna	2.15	None

The new antenna and reports are for the Neptune Proprietary Standard only:

Mode 1- SURF (OOK modulation)

Mode 2- Enhanced fixed network

Mode 3- Enhanced mobile network uplink/downlink (GFSK, Data log Retrieval)

Note: Radios with LoRa will not be using this antenna configuration.

There has been no increase in the output power, no RF exposure conditions changed, 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.

This change is for the following

The previous FCC and IC Certifications associated with this equipment are:

FCC Original Certification – Grant Date: 2018-02-26

IC Original Certification – Approval Date: 2018-02-28

Best Regards,

Sandi McEnery
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