



Testing Tomorrow's Technology

July 6, 2018

Subject: FCC 15.247, RSS-247, and RSS-Gen Class 2 PERMISSIVE CHANGE for Neptune Technology, Inc. FCC ID: P2SR900M and IC: 4171B-R900M

The purpose of this report is to file a Class 2 Permissive Change to add a Higher Gain Pit Antenna as an option to the original certifications. No hardware or software changes were required. The EUT is identical to the originally submitted EUT except for the addition of the new Pit Antenna.

New Antenna details:

REPORT REFERENCE	MANUFACTURER	TYPE OF ANTENNA	MODEL	GAIN dB _i	TYPE OF CONNECTOR
Antenna	Neptune	High Gain Pit Antenna	R900 (13586-000)	1.2	F (75 Ohm)

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.

Additionally, the original IC Application was for RSS 210; it is now updated to RSS 247.

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

FCC Original Certification – Grant Date: 2013-08-23
FCC Class 2 Permissive Change – Grant Date: 2014-05-20

IC Original Certification – Approval Date: 2013-08-29
IC Permissive Change – Approval Date: 2014-05-23

Best Regards,

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