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***Subject: Different Statement***

The objective of the manufacturer is to determine compliance with FCC rules of Antenna Requirements, conducted emission, and Spurious Radiated Emission for following permissive II change application.

The circuit and PCB of these units are identical to airPointPRO (FCC ID: AIRPOINTPRO) which is granted on 2002-04-30. The differences are as following:

1. The PCB is housed in a weatherproof NEMA 4 rated Plastic Housing and has a 13 dBi antenna connected integrally to one RF port. The second RF port is terminated on an N Type connector mounted on the cabinet through an internal RF cable which enables external antenna connection. In airPoint PRO both these ports were terminated on two SMA connectors mounted on the cabinet.
2. A resistor R 401 180 Ohms, 5%, 20 W, is connected between DC power supply input and ground.
3. Reset switch SW 201 is located inside powerShot provided.
4. 12 V Power supply is provided through Ethernet cable (POE, GND IN) instead of power Jack CN 203
5. RJ 45 connector CN 201 is removed from main PCB and placed inside a weatherproof connector and is joined to the main PCB by CAT 5 cable.

All the changes done are only in power and Ethernet connections. No changes in the radio portion of the circuit (please refer to revised schematics diagram and internal photos). In addition, the EUT is also seeking approval for the following internal antenna and external antennas:

**Internal Antenna:**

PACIFIC WIRELESS ANTENNAS:

1. PAWPM24-13a, 13 dBi Integral Panel Antenna

**External Antennas:**

PACIFIC WIRELESS ANTENNAS:

1. PMANT 15 15 dBi Parabolic Grid Antenna
2. PMANT 19 19 dBi Parabolic Grid Antenna
3. PMANT 21 21 dBi Parabolic Grid Antenna
4. PAWSA 24 – 12 12 dBi 90 Deg Sector Antenna
5. PAWSA 24 – 16 16.5 dBi 90 Deg Sector Antenna
6. PMANT 25 24 dBi Parabolic Grid Antenna

MAX RAD ANTENNA:

1. WISP24018PTNF – 18 dBi Panel Antenna



According to TCB training note for multiple antennas, test the highest gain of each type. Therefore only the following antennas were tested in this permissive change application.

PAWSA 24 – 16 16.5 dBi 90 Deg Sector Antenna  
PMANT 25 24 dBi Parabolic Grid Antenna  
WISP24018PTNF – 18 dBi Panel Antenna17

Thank you,