

Responses to FCC issues:

1. The test lab identified design changes during FSK tests necessary for EMC compliance. Aside from parametric changes (center frequency and power setting backoff), please explain how the hardware changes (adding aluminum tapes to connector, PCB board and the front housing case, which are not exactly practical for production) are implemented in the final design.

Response to 1.) Copper tape is aligned with screw holes and RF connector holes at the factory which provides a consistent implementation.(see attached picture)

2. Please ask the applicant to attest that this FCC ID device will not operate in the 2.4 GHz or UNII channels (5150-5250, 5250-5350, 5470-5725 MHz) without a Class II Permissive Change application. No test data are presented for those bands and yet there are suggestions in the user's manual, schematics and operational description of UNII operations.

Response to 2.) This device is a software defined radio and in the future class 3 permissive changes will be filed before allowing operation in any other band.

The Software that will be available at launch will be just for the 5725MHz to 5850MHz ISM band. Cambium Networks Attests The device will not operate in any other band. It is Region Locked For US radios and cannot be unlocked.

3. For this Class A Part 15 device, we could not find Part 15.19(a)(3) and 15.105 compliance statements in the two user's manuals.

Response to 3.) page 94+ updated planning guide

5. Please elaborate how region code "lockdown" is implemented? In addition to the FCC/US region, how many other region codes are there? If the configuration control is based on "sold in the US," how are exceptions (non-US versions shipped/sold in the US) handled?

Response to 5.) Via a signed feature key which is 128byte (triple des encrypted) For US Radio there are no other available regions , they are NOT selectable. For Non US radios there are 9 Regions , but only US Radios are shipped to the US. Exceptions are not shipped to US customers.

6. Dual transmit ports are employed in OFDM mode, MPE calculation should take into account the power from both antennas. Antenna correlation or polarization is irrelevant in RF exposure.

Response to 6.) Updated in attached guide Please see the enclosed updated PMP 450 Planning Guide which includes a slight update to the "P" variable in the power compliance margin and separation table. The "P" variable (maximum transmit power)