

FCC: The documents for the 3 filings for WBV-AP1130 are not consistent and need to be 'cleaned-up'. These include installation manuals and MPE reports, confidentiality terms, and requests.

Please supersede any outdated exhibit and anything that does not belong in the filings; make sure all filings have consistent user's manual. All manuals should be updated to clearly identify that the type-N connections require professional installation to satisfy FCC unique connection requirements.

→ Attached please find the updated user manual for the 3 filings for WBV-AP1130. The professional installation for type-N connections was added on page 7.

Only include one final version of the MPE report for each filing. Identify it as an updated MPE report for both originals and Class II. The power conditions for U-NII bands 1 and 4 in the original filing are higher than bands 2 and 3 in the Class II. As long as it is clearly identify at the beginning of the updated MPE report, one MPE report should work, which will also avoid confusion as the same identical info (except for one unnecessary MPE estimate) are in both MPE reports. Upload this updated MPE report to all three filings.

→ Attached please find the updated MPE report for all three filings. And the power condition information is added on page 4 "Information" no. 2.

In the power Table in Appendix B of the MPE report, clearly identify the configurations used in the MPE estimate calculations. As necessary, generate a similar Table for the 2.4 GHz configurations and do the same. Also identify in the tables the configurations corresponding to the maximum output power listed on line items of grants of equipment certification so that the highest conducted and EIRP conditions in each band can be clearly correlated accordingly with respect to the grants and MPE report.

→ The information below is included at page 4 of the MPE report. **Only the modes for panel antenna were listed at appendix B.** And because this panel antenna has 5GHz function only, 2.4GHz was not included in the table.

"Only Panel antenna was tested because the e.i.r.p exceeds 37dBm. Please refer to Appendix B for more detailed information about the modes selected for MPE measurement (they're highlighted in yellow). When the e.i.r.p of the modes exceeds 37dBm, MPE measurement is required. And If the e.i.r.p doesn't exceed 37dBm, MPE Calculation is applicable. So, for dipole and normal mode, MPE calculation is enough (please refer to section 2.3) but for BF and non-BF of panel, MPE measurement procedure applies (please refer to section 2.5)."

As for the maximum output power listed on the grants, 25.19 dBm (0.33W) is the highest power in 5GHz B1 and it's generated by ant. 2 which MPE calculation applies. So it's not listed on appendix B power table. 23.81 dBm (0.24W) is the highest power in 5GHz B2 and it's generated by ant. 2 which MPE calculation applies. So it's not listed on appendix B power table. 23.87 dBm (0.244W) is the highest power in 5GHz B3 and it's generated by ant. 2 which MPE calculation applies. So it's not listed on appendix B power table. 26.29 dBm (0.426W) is the highest power in 5GHz B4 and it's generated by ant. 2 which MPE calculation applies. So it's not listed on appendix B power table.

<u>Grant Notes</u>	<u>FCC Rule Parts</u>	<u>Frequency Range (MHZ)</u>	<u>Output Watts</u>	<u>Frequency Tolerance</u>	<u>Emission Designator</u>
38 CC MO	15E	5180.0 - 5240.0	0.33		
38 CC MO ND	15E	5260.0 - 5320.0	0.245		
38 CC MO ND	15E	5500.0 - 5720.0	0.244		
38 CC MO	15E	5745.0 - 5825.0	0.426		

Dipole mode and power were considered for MPE calculation. But MPE would be affected by power and antenna gain and the power and mode used in section 2.3 generated the worst case.

For the MPE report, do not use (band 1 + band 4) or (band 2 + band 3) in descriptions unless these bands transmit simultaneously.

→ Yes, the report was revised to use "5GHz UNII Band" in description, thank you!