

1. The applicant has a misinterpretation on controlled exposure environment. Please check 2.1091 of FCC Rules, OET Bulletin 65 and Supplement C for definition. The antennas should be installed to comply with uncontrolled/general population MPE limits for mobile transmitter operations as defined in 2.1091. Please revise installation/operating instructions accordingly. Exposure limits apply for continuous operation at full power, therefore, the note at the bottom of the antenna list/table does not apply. Since this is a mobile transmitter, a minimum separation distance of 20 cm is needed. The Omni antennas will need to satisfy 20 cm and the other high gain antennas will need to satisfy whatever distance greater than 20 cm, as determined.

[Revised exposure limits submitted to web site.](#)

2. If the 2 dBi monopole is not intended for the transmitter considered in this filing, please revise the manual with the correct information. Since this is a separate filing, information considered previously for other filings would not be applicable to this filing. Only Permissive Changes, with no change in FCC ID, may reference the original filing data. A copy of the revised manual should be submitted.

[The manual has been revised. Only the antennas included in the report are listed.](#)

3. We are only considering information in this filing, cannot mix separate filings. Please address the amplifier issue in the original correspondence.

[The model AMP2440-250/500 watt amps were used for this approval. They are included in the manual.](#)

4. O.K. if not affected by other issues that have not been addressed yet - amplifier, antennas etc.

[Manual has been revised.](#)

5. Just to confirm your answer, all antennas applicable for this filing will be professionally installed. Please clarify if this filing is for operation with the amplifier(s) only and if so, the transmitter and amplifier(s) will be considered as a single unit for purpose of RF exposure considerations. If the transmitter can be used in standalone mode without the amplifier, for this filing, the operating conditions and configurations for standalone mode for MPE compliance should also be addressed.

[This application is for the transmitter and amplifiers. The transmitter will not be used as a stand alone configuration under this application. Once again all antennas, in-conjunction with the amplifier and transmitter will be installed professionally.](#)

6. The manufacturer's procedure for setting transmitter output using an average power meter is incorrect. It would result in much higher output than allowed, therefore, become non-compliant with FCC rules. Please specify procedures used by professional installers for setting final output for the transmitter/antennas in the users manual. It is the manufacturer's responsibility to provide correct instructions for installers to complete the installation correctly.

[The revised procedure is attached in the users manual.](#)

7. The information contained in this filing should relate to products requesting for approval in this filing. Information that does not apply to products in this filing should be clearly identified in the appropriate documentation, such as in the users manual, to avoid misunderstanding by users. This transmitter will not be authorized as a portable transmitter, it need a minimum of 20 cm separation distance from users. PC cards and retractable antennas for portable transmitter operations are not allowed for this filing. Please revise or correct manual information accordingly.

[All other products not related to this application has been removed from the users manual. See users manual.](#)

8. We cannot consider antennas in a different filing and extend those for this one. Please confirm that all the antennas and associated operating conditions and configurations have been listed or included in this filing. Ones that are not included in this filing will not be authorized.

[Manual has been revised. See users manual.](#)

9. Whatever was previously approved for other transmitters under separately filings will not extend to this one. This filing must be complete by itself. Please address the original question - based on the antennas that will be used for this filing and the operating conditions and configurations for such antennas.

[The transmitter will not be used separately \(standalone\) under this application. It will only be installed professionally with the amplifiers model AMP2440-250/500 and antennas listed in Table 1 of the manual.](#)