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Federal Communications Commission
Office of Engineering Technology
445 12th Street SW
Washington, DC 20554

Dear Sir,

This letter will serve to address FCC correspondence letter 32366 and 32424 regarding the type certification for the Elettronika TXUP3500 broadcast transmitter. The associated FCC ID number is PHLTXUP3500.

Specifically, the correspondence letter identified above seeks additional information on how the transmitter is configured regarding whether integral components are the same for both frequency ranges of the proposed grant frequencies.

As the technical consultant for Elettronika, they have authorized me to provide information which should help resolve this question. It is my technical opinion that only one set of test data needs to be submitted for both frequency ranges 470-608 MHz and 614-806 MHz based upon the design of the unit.

The design of the unit is such that the transmitter works over the entire 470-806 MHz with no change of parts. The only frequency dependent parts within the transmitter are the channel filter in the exciter and transmitter final bandpass filter.

The exciter filter is a passive device and consists of one item that is tuned per operating channel.

Likewise the transmitter final bandpass filter is a passive device and is the same block of material but it is tuned to the desired operating channel.

The performance obtained at any test frequency within the entire range of 470-806 MHz will be representative of each transmitter shipped.

If there are any clarifications needed or you have any questions please give me a call at the number above.

Sincerely,

Greg Best
President

Cc Maria Quintero, Elettronika America