

BZ5MXI1503U  
Application for FCC Certification  
2000 Watt Digital Television Translator

**Schematics/ Tune-up Procedure/Active Devices:**

**Schematics:**

Schematics for each of the assemblies may be found as figures in their respective PUBs.

**Tuneup Procedure:**

The specific tuneup and alignment procedure for the transmitter can be found in the operations and service manuals. Specifically, general information can be found in PUB13-10R1; ***“Operations and Maintenance Manual”***, and more specific information for calibration can be found in PUB12-30R1; ***“MXi Amplifier Controller board”***.

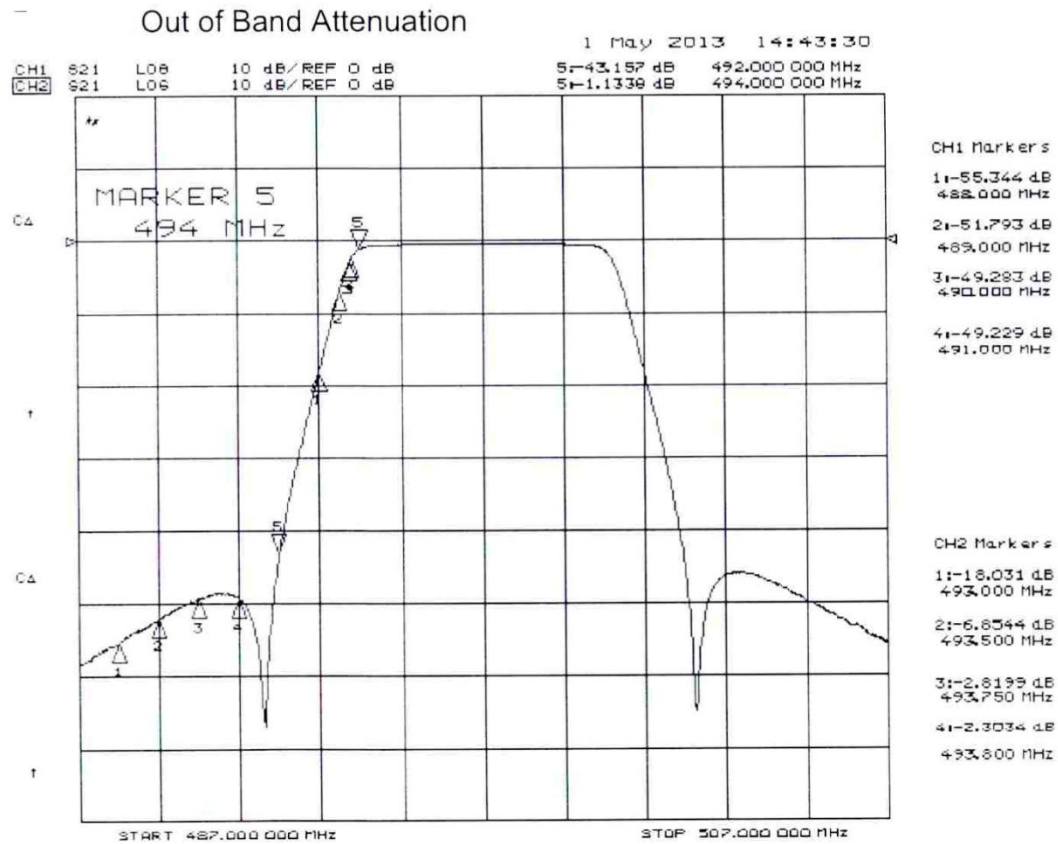
The output filter must be retuned or replaced with a new filter tuned as per the frequency response sweeps attached, and if the new channel is in the ranges 22-24, 32-36 or 38, then a GPS Filter must be installed.

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**Parts List and Tune-up Procedure**

Mask Filter:

Bandpass Response (typical – shown for 497MHz  $f_c$ )



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## Parts List and Tune-up Procedure

Mask Filter:

Return loss (typical – shown for 497MHz  $f_c$ )

atsc stringent mask

