

BZ5MXI1002U  
Application for FCC Certification  
1000 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 PUB11-018R0; *“Operations and Maintenance Manual”*, and more specific information for calibration can be found in PUB11-012R0; *“Dual Amplifier Control Board”*.

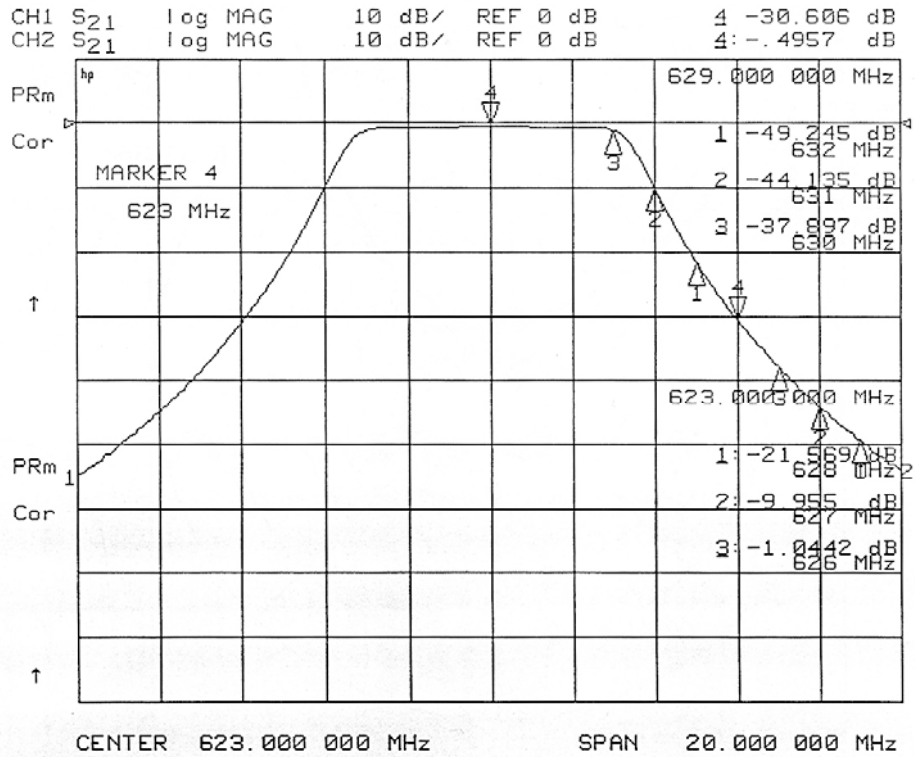
The output filter must be retuned as per the frequency response sweeps attached (note: two different tunings depending on the type of filter used):

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**Parts List and Tune-up Procedure**

Mask Filter:

Bandpass Response (typical – shown for 623MHz  $f_c$ )



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Parts List and Tune-up Procedure

Mask Filter:  
Return loss (typical – shown for 623MHz  $f_c$ )

