



## **RDP Technical Services**

96 Cook Street Auburn Maine, 04210

April 15, 2021

Bob Bittner  
Blue Jey Broadcasting\  
PO Box 308  
Bath, Maine 04530

Dear Bob,

We have completed the installation of the new FM antenna, tune up and test of the WLVP directional Antenna system for WLVP AM. Prior to installing the new FM antenna on Tower #1, we took initial benchmark readings of the input and output impedances of Tower #1. Tower #1 already had an unused 8 Foot STL Microwave Grid antenna with cable on the tower. Also a partial proof and check of Monitoring Points was performed as part of these benchmark readings.

The FM Antenna replaced the STL Microwave Antenna in the tower. The same 7/8" line was used and a new FM Isocoupler replaced the Microwave Iscoupler. After the installation of the FM antenna, Tower # 1 was measured and there was virtually no change in the Input and output Impedances. Since this is within the 2% tolerance allowed by the FCC, we consider this as acceptable.

We did not have to make any changes other than the seasonal changes to the Antenna Phase, Power Ratio, and Common Point impedance. The Antenna Phase, Power Ratios and Common Point impedance as well and the Common Point Current readings are the same as the last licensed values. Further more we measured the Monitoring Points for WLVP and found them to still be with in the licensed values.

I conclude that the installation of the FM antenna system has not effected or changed the operation of WLVP and WLVP will not have to file with the Commission for any changes to AM license.

I certify that these readings and calculations are correct. I have a number of filings on record with the FCC as a matter of record.

Respectfully,

Robert D Perry, Jr  
RDP Technical Services