

Compliance with Special Operating Conditions

The W244EC Construction Permit (File Number BNPFT-20180419ABV) contains four Special Operating Conditions. Tower Broadcasting complies with, or agrees to, the condition as follows:

1. Tower Broadcasting recognizes and will abide by the stipulation that this translator will be used to rebroadcast WEHH FIN 55271 Elmira Heights/Horseheads, NY in perpetuity.
2. Spurious Emissions Measurements have been done with the results of these measurements contained in Exhibit 1-A. These measurements were made with both translators operating at their fully licensed power.
3. Tower Broadcasting in coordination with other users of the site agrees to reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.
4. Form 350 is being filed prior to commencing program test operations.

Equipment Performance Measurements (FM)

Call Letters - W244EC **Community Of License** Corning, New York
Technician - Gordon Ichikawa **Date & Time** - 5/12/2021 Noon
Transmitter Make & Model - Crown FM30 Serial Number 095115
Exciter Make & Model - _____
Frequency - 96.7 MHz **Frequency Calibrated?** - _____
Analyzer Brand & Model - Agilent E4404B
Serial Number - MY45111278 **Source Of Analyzer** - GRI Telecom Inc.
Analyzer Calibration Date - 10/10/2019 **Other** _____
 * _____

Measurements

1) 120 kHz to 240 kHz from the carrier:

Below Level Of Unmodulated Carrier Below Level Of Unmodulated Carrier

Minus 120 kHz	-80	Plus 120 kHz	-80
Minus 180 kHz	-80	Plus 180 kHz	-80
Minus 240 kHz	-80	Plus 240 kHz	-80

Any point between 120 kHz and 240 kHz inclusive attenuated to a lower dB level of the unmodulated carrier than the 3 listed above: No

All points between 120 kHz and 240 kHz inclusive attenuated at least 25 dB below the level of the unmodulated carrier lower: Yes

2) 240 kHz to 600 kHz from the carrier:

Below Level Of Unmodulated Carrier Below Level Of Unmodulated Carrier

Minus 240 kHz	-85	Plus 240 kHz	-85
Minus 300 kHz	-85	Plus 300 kHz	-85
Minus 350 kHz	-85	Plus 350 kHz	-85
Minus 400 kHz	-85	Plus 400 kHz	-85
Minus 500 kHz	-85	Plus 500 kHz	-85
Minus 600 kHz	-85	Plus 600 kHz	-85

Any point between 240 kHz and 600 kHz inclusive attenuated to a lower dB level of the unmodulated carrier than the 6 listed above: No

All points between 240 kHz and 600 kHz inclusive attenuated at least 35 dB below the level of the unmodulated carrier: Yes

3) Greater than 600 kHz from the carrier:

Based on the formula in 73.317(d) and a TPO of 5W the minimum attenuation level is 80 dB.

Below level of Unmodulated carrier		Below level of Unmodulated carrier	
Minus 700 kHz	-82	Plus 700 kHz	-82
Minus 800 kHz	-82	Plus 800 kHz	-82
Minus 1 mHz	-82	Plus 1 mHz	-82
Minus 1.5 mHz	-82	Plus 1.5 mHz	-82
Minus 2 mHz	-82	Plus 2 mHz	-82
Minus 3 mHz	-82	Plus 3 mHz	-82
Minus 5 mHz	-82	Plus 5 mHz	-82
Minus 6 mHz	-82	Plus 6 mHz	-82

Any point greater than 600 kHz from the carrier attenuated to a lower dB level of the unmodulated carrier than the 8 listed above: No

All points greater than 600 kHz from the carrier attenuated at least -80 dB below the level of the unmodulated carrier: Yes

Comments: Checked 80 Mhz to 500 MHz. No spurious emissions noted.

All measurements made with combined transmitter in operation, W273AC 102.5 MHz operating a full licensed power.

4) Preemphasis set at: 75 Micro Seconds

Gordon Ichikawa
FCC License PG-1-11-20154
5/13/2021

