

TECHNICAL SUMMARY
REQUEST FOR SPECIAL TEMPORARY AUTHORITY (STA)
TELEVISION STATION WNYA (STA)
PITTSFIELD, MASSACHUSETTS
CHANNEL 7 23 KW 412 M HAAT

1. The instant request is for Special Temporary Authority (STA) for WNYA, Pittsfield, MA, which is licensed for operation on Channel 13.* WNYA holds a construction permit for operation for its Incentive Auction repack facility, which is for repack in Phase 10 on Channel 7. The WNYA Channel-7 repack facility is authorized to operate with a non-directional effective radiated power (ERP) of 23 kW with an antenna height above average terrain (HAAT) of 437.2 m.† The WNYA repack facility is to share its transmitting antenna with the WXXA-TV facility, which will be migrating from Channel 7 to Channel 8 also in repack Phase 10.‡

2. It has now been determined that the WXXA-TV Channel-8 repack facility will utilize most of the available power handling capacity of the existing transmitting antenna planned for the WNYA repack facility. Therefore, the instant request for Special Temporary Authority is for WNYA to complete its Phase 10 transition temporarily utilizing the existing WNYT (Channel 12) transmitting antenna, which is also located on the same tower as the authorized WNYA repack facility.§

3. Specifically, the WNYA STA facility will operate on Channel 7 using the WNYT main transmitting antenna with a nominal ERP of 23 kW. Since the WNYT transmitting antenna is mounted at a height 23 m lower than the authorized WNYA antenna, and there is no change in the antenna azimuth pattern (non-directional), the proposed STA noise-limited service contour will not exceed that of the authorized WNYA authorized construction permit repack facility.

4. It is noted that since there is no change to the existing antennas or antenna structure, there will be no change in the overall height of the existing structure.

* See FCC File No. BLCDDT-20090619AD.

† See FCC File No. 0000078439.

‡ See FCC File No. 0000034860.

§ The tower structure is identified by FCC Antenna Structure Registration Number 1231728 and it has an overall height above ground level of 152.1 m.

5. Repack Phase 10 started on May 2, 2020 and it will end on July 3, 2020.

Therefore, the instant STA facility will be required in time for until the completion of Phase 10.