

**Radio City Productions, Inc.**  
**STA Application 0621-EX-STA-2020**  
**Frequency Coordination Explanation for 600MHz Request**  
**October 10, 2020 – January 08, 2021**

This application proposes the use of unused 600MHz spectrum for wireless microphone equipment in support of the theatrical production Radio City Music Hall Christmas Spectacular (2020) at Radio City Music Hall in New York City. The dates indicated are to allow for the [temporary] installation and testing of the proposed wireless microphone equipment, along with rehearsals and the show run.

Applicant is a television program producer and production company having been granted a BAS license for this purpose (WQWX658). However, the extensive Part 74(H) spectrum utilization by the production itself and within the immediate vicinity of Rockefeller Center, and the large number of active DTV stations in the New York market necessitates making coordinated, temporary use of additional unused spectrum in the 600MHz band. The proposed spectrum consists of;

614-622 MHz

632-668 MHz

678-698 MHz

All operations will be conducted indoors, within the confines of the venue's performance stage. Prior to commencement of operations, RF measurements of the proposed bands will be taken outside the venue to ensure spectrum is in fact unused by the incumbent licensees. Any band(s), or portions thereof, found to have active service(s) will be not be used and sufficient guard band will be employed in order to mitigate the detrimental effects of any out of band emissions. Occupied channel bandwidth will not exceed requested band limits.

Licensees of 600MHz Band 71 Blocks A, D, E, F, G within 50km about N40°45'35", W73°58'45" (Radio City Music Hall) are being contacted in an attempt to obtain consent prior to operations.

**\*\* Stop-buzzer contact for the duration of operations will be:**

**Tony Peugh**

**Director Show Systems Technology**

**MSG Productions, Radio City Music Hall**

**407.867.1712 mobile**

Secondary stop-buzzer and contact regarding this application is applicant's RF consultant:

Henry Cohen

CP Communications, LLC

1401 Front St.

Yorktown, NY 10598

800.762.4254 office

914.319.2848 mobile

[henry.cohen@cpcomms.com](mailto:henry.cohen@cpcomms.com)