

CP Communications

STA Application 1251-EX-STA-2020

Frequency Coordination Explanation for 600MHz and 700MHz Request

September 07, 2020 – February 08, 2021

This application proposes the use of unused 600 and 700MHz spectrum for wireless microphone equipment in support of the televised broadcast and internet streamed coverage of National Football League (NFL) games and related events/activities in and around the NFL stadiums for the 2020 season.

Applicant is a television microwave and communications production company which provides video, audio and communications equipment and services for broadcast, satellite broadcast and cablecast of sporting and other events. Applicant has certain LTTS, BAS and private wireless licenses for this purpose. However, the extensive Part 74(H) spectrum utilization at this event by both the game production itself and the broadcast entities necessitates making coordinated, temporary use of additional spectrum in unused portions of the 600 and 700MHz bands. The proposed spectrum consists of;

600MHz Block A,	617-622 / 663-668 MHz
600MHz Block G,	647-653 / 693-698 MHz
600MHz Guard bands,	616-617 / 652-653 MHz
Upper 700MHz Block A,	757-758 / 787-788 MHz
Upper 700MHz Block B,	775-776 MHz

Additionally, applicant seeks to use a higher transmit power level, 50mW ERP, in 614-616 MHz and the 653-663 MHz duplex gap as there is no active adjacent services in the 600MHz A and G blocks. This will ensure sufficient performance about a large outdoor service area without causing interference. Antenna heights will be below 2m AGL.

All licensees within 50km about each stadium venue are being contacted in an attempt to obtain consent prior to operations.

To mitigate potential interference to adjacent channel licensees, occupied channel bandwidth will not exceed requested band limits.



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

Loren Sherman

CP Communications, LLC

248.521.5428

Secondary stop-buzzer and contact regarding this application:

Henry Cohen

CP Communications, LLC

1401 Front St.

Yorktown, NY 10598

800.762.4254 office

HPRFRequest@cpcomms.com

Providing solutions for audio and video communications

www.cpcomms.com

800-762-4254

sales@cpcomms.com