



CP Communications

STA Application 0328-EX-ST-2021

Frequency Coordination Explanation for 600MHz and 700MHz Request

April 04-12, 2021 inclusive

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 WWE's Wrestlemania and related events/activities at Raymond James Stadium.

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 the various venues by numerous production and broadcast elements necessitates making coordinated temporary use of additional spectrum in unused portions of the 600 and 700MHz bands for LPAS operations. The proposed spectrum consists of;

600MHz Block A;	617-622 / 663-668 MHz
600MHz Block G;	647-652 / 693-698 MHz
600MHz Guard bands;	616-617 / 652-653 MHz
700MHz Lower Block D;	716-722 MHz
700MHz Lower Block E;	722-728 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, 100mW ERP, in 614-617 MHz and the 652-663 MHz duplex gap as there is no active adjacent services in 600MHz A and G blocks. This will ensure sufficient performance within the confines of the stadium structure without causing interference. Antenna heights will be below 2m AGL.

All 600 MHz and 700 MHz licensees of the proposed bands within the proposed area of operations and extending 10km beyond are being contacted in an attempt to obtain consent prior to operations.

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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:**

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Secondary stop-buzzer and contact regarding this application:

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