

Circuit of the Americas, LLC
STA Application – Microwave Channels
File No. 0553-EX-ST-2022
Frequency Coordination Exhibit
Miami, Florida Formula One Grand Prix Automobile Race
May 1, 2022 through May 8, 2022

This application proposes the use of certain microwave bands in the Miami Gardens, Florida area for terrestrial only, international and domestic video production operation and for data, video short-range, low power transmission and telemetry for racing cars and teams during the Miami Grand Prix Formula One automobile race event and for testing prior to the event within and immediately surrounding the Miami International Autodrome, part of the Hard Rock Stadium complex in Miami Gardens, Florida. An engineering analysis has shown that there should be no interference to any licensed user of any of the subject bands whatsoever. **This application is similar to prior applications granted by the Commission for the same event in past years at the circuit of the Americas Race Track in Austin, Texas. See, WF9XYQ, File No. 0724-EX-ST-2012; WG9XAH, File No. 0789-EX-ST-2013, and WH9XYP, File No. 0911-EX-ST-2014, WJ9XCH, File No. 1061-EX-ST-2015, WJ9XCH, File No. 1258-EX-ST-2016, WL9XWV, File No. 1425-EX-ST-2017, WN9XJY, File No. 1577-EX-ST-2018; WP9XME, File No. 1889-EX-ST-2019 and 1544-EX-ST-2021. There was no race in 2020 due to Covid-19. No interference was reported at any of the prior nine consecutive events whatsoever.**

Should any authorized user of the subject bands report interference during the proposed operations, operation on that channel will immediately cease and not resume unless and until the interference complaint is resolved.

Per the Commission's instruction received in 2019 in WP9XME, Circuit of the Americas will comply with all of the following conditions should this STA be granted:

Applicant is in the process of conducting prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator.

In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth in this application.

If any interference occurs, the applicant will immediately shut down operations on the victim channel or channels.

Applicant will coordinate with the affected Fixed Microwave Service licensees prior to operation in 2000-2110 MHz, 2390-2420.MHz, 6785-7125 MHz bands and at 7165 MHz.

Applicant shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.

The application also proposes the use of Amateur Radio frequencies for video production and for telemetry. The use of amateur allocations in this STA application at have been coordinated with the American Radio Relay League, Incorporated. Other channels to be utilized during the race event have been or will be prior to operation investigated and monitored by event frequency coordinators retained by Formula One Management Limited and found to be unoccupied in the vicinity of Miami, Florida and in the immediate area of the Race course. These Event Frequency Coordinators will be on site during the race and advance and real time channel monitoring and on-site frequency coordination will insure against any interference. Given the location of these events, it is anticipated that no interference will be caused to any Amateur Radio, government, fixed microwave or broadcast auxiliary operations. Use of broadcast auxiliary channels will be coordinated in advance with the Society of Broadcast Engineers' local frequency coordinator for the Miami, Florida market. Upon receipt of any complaint of interference from a licensed Amateur Radio user, government user, fixed microwave licensee or broadcast entity (or otherwise), operation pursuant to this STA will cease on the channel complained about immediately, and will not resume unless and until the interference complaint is resolved satisfactorily to the licensee.

Communications on site should be directed to Mr. Mike Hamilton at +44 (0) 7720 598986. Mr. Hamilton will be the Stop Buzzer contact on-site. Other communications can be directed to the office of communications counsel for Formula One Management, Limited, who is also willing to be a stop buzzer contact at the mobile number listed below:

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