

**Circuit of the Americas, LLC
STA Application – Weather Radar
File No. 0550-EX-ST-2022
Narrative and Frequency Coordination Exhibit
Miami Gardens, Florida Formula One Grand Prix Automobile Race
May 1, 2022 through May 8, 2022**

This application proposes the use of the frequency band 9405-9415 MHz in the Miami Gardens, Florida area for the operation of a temporary fixed weather radar in support of the Miami Grand Prix Formula One automobile race event at the Miami International Autodrome Race Track located on the grounds of the Hard Rock Stadium Complex in Miami Gardens, Florida. The weather information at the track is of critical importance to the race teams, as it determines the tires used and other race car equipment and tactics during the races. The Radar is a Selex Rainscanner RS-90 unit intended for short-range, high resolution rain detection. **This is similar equipment with similar operating parameters approved for the past 8 years' Formula One Races at Circuit of the Americas Race Track in Austin, Texas. See, WH9XBM, File No. 0960-EX-ST-2013; WH9XYW, 0912-EX-ST-2014; WJ9XCI, File No. 1059-EX-ST-2015, WK9XIK, File No. 1261-EX-ST-2016, WL9XWT, File No. 1423-EX-ST-2017, WN9XJZ, File No. 1584-EX-ST-2018; WP9XLT, File No. 1887-EX-ST-2019 and 1544-EX-ST-2021. There was no race during 2020 due to Covid-19. No interference was reported from any of the last eight years' short-term use of this portable radar equipment at this event.** The radar utilizes a 60 megahertz occupied bandwidth at a power level of 25 watts.

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

Event Frequency Coordinators will be on site during the race and channel monitoring and on-site frequency coordination will insure against any interference. Given the location of this event, it is anticipated that no interference will be caused to any government or non-government operations. Upon receipt of any complaint of interference from a licensed user, government user or otherwise, operation pursuant to this STA will cease immediately, and will not resume unless and until the interference complaint is resolved satisfactorily to the licensee or government entity.

Communications on site should be directed to Mr. Mike Hamilton will be the Stop Buzzer contact on-site, who can be reached at +44 (0) 7720 598986. Other communications can be directed to the office of counsel for Formula One Management, Limited, who is willing to serve as an alternate Stop Buzzer contact, as follows:

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