

**Circuit of the Americas, LLC**  
**STA Application – Microwave Channels**  
**1061-EX-ST-2015**  
**Frequency Coordination Exhibit**  
**Austin, Texas Formula One American Grand Prix Automobile Race**  
**October 21, 2015 through October 25, 2015**

This application proposes the use of certain microwave bands in the Austin, Texas 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 American Grand Prix Formula One automobile race event and for testing prior to the event within and immediately surrounding the Circuit of the Americas Race Track. 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 identical event in past years. See, WF9XYQ, File No. 0724-EX-ST-2012; WG9XAH, File No. 0789-EX-ST-2013, and WH9XYP, File No. 0911-EX-ST-2014. No interference was reported at any of the prior events whatsoever. This application adds several microwave bands not requested nor used heretofore however for onboard RF cameras and short range video transmitters and lap marker beacons using very low power and very wide bandwidths for a low power spectral density.**

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 initially received in 2012 in 0724-EX-ST-2012, Circuit of the Americas will notch out the following frequency bands pursuant to this STA:

- a. 1370-1390 MHz
- b. 1400-1427 MHz
- c. 5350-5470 MHz
- d. 5600-5675 MHz
- e. 5705-5740 MHz
- f. 5777-5800 MHz
- g. 5850-5925 MHz

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 investigated and monitored by Clear Call Communications, Inc. of Dallas, Texas and found to be unoccupied in the vicinity of Austin, Texas and in the immediate area of the Race course. Clear Call Communications 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 Austin Texas 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. Keller McCrary, Clear Call Communications, Inc. at 1-214-533-3700. Mr. McCrary will be the Stop Buzzer contact on-site.** Other communications can be directed to the office of counsel for Circuit of the Americas, LLC:

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