

**Circuit of the Americas, LLC**  
**STA Application**  
**0789-EX-ST-2012**  
**Frequency Coordination Exhibit**  
**Austin, Texas Formula One American Grand Prix Automobile Race**  
**November 5, 2012 through November 22, 2012**

This additional STA application proposes the use of (1) three, 1 MHz bandwidth channels within the band 308-327 MHz and (2) the bands 2180-2290 MHz in the Austin, Texas area for communications and video production during the American Grand Prix Formula One automobile race event and for testing prior to the event. Other STA applications pertaining to this same automobile racing event are 0723-EX-ST-2012 and 0724-EX-ST-2012. The latter application was granted on September 21, 2012.

The three channels in the band 308-327 MHz would be utilized during the race event for GPS-based data transmissions of safety information between the race cars and the pit crews -- to verify the functionality of certain safety devices and systems in the race cars. These devices, deployed by European race teams, are not frequency agile except within this band. The specific frequencies requested, if available, would ideally be centered at 309.00 MHz, 314.85 MHz and 326.00 MHz. However, any three, 1-MHz channels in that band would be acceptable.

The above frequencies have been investigated and monitored by Clear Call Communications, Inc. of Dallas, Texas and have been found to be unoccupied in the immediate area.

As to the band 2180-2290 MHz, this band would be used for very low power (100 mW), short-range video transmissions from the race cars to the video production truck. The RF cameras on certain of the vehicles are installed in Europe and the cars brought to the United States for this one race, so it is not possible to retune the transmitters significantly beyond this frequency range. Therefore, certain of the in-car cameras, to be functional at this televised event, require the use of these additional frequencies track onboard the vehicles, using low-efficiency omnidirectional antennas.

Clear Call Communications will be on site during the race and 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 United States government operations. Upon receipt of any complaint of interference from any Commission licensee or government entity, operation pursuant to this STA will cease on the channel(s) complained about, and will not resume unless and until the interference complaint is resolved satisfactorily to the licensee.

**Communications on site and any reports of interference should be directed to Mr. Keller McCrary, Clear Call Communications, Inc. at 1-214-533-3700.**

Other communications can be directed to the office of counsel for Circuit of the Americas, LLC:

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