

TV Microwaves Co.
STA Application
0417-EX-ST-2013
Frequency Coordination Exhibit and Narrative
Video Production of V8 Supercars Automobile Race
May 16-19, 2013

This STA application proposes the use of (1) two VHF channels within the band segment 161.60 to 161.78 MHz; (2) the band 450-451 MHz; (3) the band 2201-2249 MHz (five, 8 MHz channels); (4) the channels 2367 MHz (plus and minus 4 MHz) and 2384 MHz (plus and minus 4 MHz) and (5) the band 2450-2483.5 MHz in the Austin, Texas area for communications in support of, and for video production during the V8 Supercars automobile race event and for testing prior to the event during the period May 16 through 19, 2013.

The above frequencies have been investigated and monitored by TV Microwaves Co. of Los Angeles, CA and have been found to be unoccupied in the immediate area. The VHF and UHF frequencies are broadcast auxiliary channels that have been coordinated with the Society of Broadcast Engineers local market frequency coordinator

As to the band 2201-2249 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 Australia 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. The Commission has previously granted STAs for this band to Circuit of the Americas, LLC for use at this same track without any interference complaints during a prior Formula One racing event in 2012.

Application for coordination for the two, 8 MHz bandwidth channels in the 2360-2390 MHz band has been made to AFTRCC. Once coordination has been received, it will be filed as an amendment/attachment to this application.

Clear Call Communications of Dallas, Texas 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.

The “Stop Buzzer” contact on site and any reports of interference should be directed to Mr. Howard Fine, TV Microwaves Co., at 1-213-422-4220.

Other communications can be directed to the office of counsel for TV Microwaves Co.:

Christopher D. Imlay
Booth, Freret, Imlay & Tepper, P.C.
14356 Cape May Road
Silver Spring, MD 20904-6011
1-301-384-5525 telephone
bfitpc@aol.com