

3G Wireless

Application for Special Temporary Authority

File No. 1232-EX-ST-2016

Narrative Explanation of Operation and Frequency Coordination Exhibit

The purpose of this experimental authorization (STA) is to test a digital data telemetry system that will be used in connection with NASCAR automobile racing events, under the supervision of 3G Wireless, a video production company. This test, at the Virginia International Speedway race track in Alton, Virginia from August 26 through 28, 2016 at the Michelin GT IMSA car race will deploy and permit evaluation of the operation of a new system for race-vehicle-to-pit-crew data concerning the race vehicle over short ranges during the race. This STA is identical to that granted by the Commission to 3G Wireless at Watkins Glen Raceway in New York and the Elkhart Lake Raceway in Wisconsin recently. See, WK9XAT, File No. 0825-EX-ST-2016 and WK9XEM, 1105-EX-ST-2016.

The dates of the test will be August 26 through 28, 2016 inclusive. The location will be at the Virginia International Raceway there. The street address is 1245 Pine Tree Road, Alton, VA 24520. The coordinates of the track are 36°33'42"N Latitude and 79°12'17"W Longitude. Required are multiple, 8 MHz channel bandwidths and low-power transmissions using omnidirectional antennas.

Proposed is the use of the band 470-488 MHz for this test. The ultimate deployment of this telemetry system, should the tests produce positive results, will not be in this frequency band but this segment in particular is useful for test purposes only.

Low power spectral density operation in the band 470-488 MHz should not conflict with any land mobile, television broadcast or broadcast auxiliary assignment or allocation. Nevertheless, all operation will be coordinated in advance with the Society of Broadcast Engineers' regional coordinator relative to BAS and broadcast facilities in the band.

Should any interference be reported, the tests will cease immediately unless and until the interference is resolved to the satisfaction of the complainant incumbent licensee. The on-site "stop buzzer" contact is Mr. Greg Robinson, whose e-mail and telephone contact information is as follows: 410.969.3501 and GregR@3gwireless.tv.

Additional information can be obtained from the communications counsel for 3G Wireless:

Christopher D. Imlay
Booth, Freret & Imlay, LLC
14356 Cape May Road
Silver Spring, Maryland 20904-6011
(301) 384-5525 telephone