

3G Wireless

Application for Special Temporary Authority

File No. 1105-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 Elkhart Lake race track in Wisconsin from August 4 through 7, 2016 at the Road America 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. See, WK9XAT, File No. 0825-EX-ST-2016.

The dates of the test will be August 4 through 7, 2016 inclusive. The location will be at the International Raceway there. The street address is N7390 State Hwy 67, Plymouth, WI 53073. The coordinates of the track are 43°47'51"N Latitude and 87°59'38"W Longitude. Required are multiple, 8 MHz channel bandwidths and low-power transmissions using omnidirectional antennas.

Proposed is the use of the band 470-512 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 470-512 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:

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