

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WL9XFJ

(Call Sign)

XT FX MO

(Class of Station)

0518-EX-ST-2017

(File Number)

NAME Google Inc.

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Transmission of broadband data from racecars to transportable/fixed base stations located at racetrack facilities in connection with four NASCAR automobile racing events.

Station Locations

- (1) Bristol, TN - NL 36-30-57; WL 82-15-25; MOBILE: Transportable FX, within 3 km, centered around NL 36-30-57; WL 82-15-25
- (2) Brooklyn, MI - NL 42-04-01; WL 84-14-27; MOBILE: Transportable FX, within 3 km, centered around NL 42-04-01; WL 84-14-27
- (3) Darlington, SC - NL 34-17-43; WL 79-54-21; MOBILE: Transportable FX, within 3 km, centered around NL 34-17-43; WL 79-54-21
- (4) Richmond, VA - NL 37-35-33; WL 77-25-10; MOBILE: Transportable FX, within 3 km, centered around NL 37-35-33; WL 77-25-10
- (5) MOBILE: Bristol, TN, within 3 km, centered around NL 36-30-57; WL 82-15-25
- (6) MOBILE: Brooklyn, MI, within 3 km, centered around NL 42-04-01; WL 84-14-27
- (7) MOBILE: Darlington, SC, within 3 km, centered around NL 34-17-43; WL 79-54-21
- (8) MOBILE: Richmond, VA, within 3 km, centered around NL 37-35-33; WL 77-25-10

This authorization effective May 28, 2017 and
will expire 3:00 A.M. EST November 25, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Bristol, TN - NL 36-30-57; WL 82-15-25; MOBILE: Transportable FX, within 3 km, centered around NL 36-30-57; WL 82-15-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400-3600 MHz	FX	80M0W7D	0.976 kW (ERP)	
3400-3600 MHz	FX	10M0W7D	0.122 kW (ERP)	
3400-3600 MHz	FX	20M0W7D	0.244 kW (ERP)	
3400-3600 MHz	FX	40M0W7D	0.487 kW (ERP)	

Brooklyn, MI - NL 42-04-01; WL 84-14-27; MOBILE: Transportable FX, within 3 km, centered around NL 42-04-01; WL 84-14-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400-3600 MHz	FX	10M0W7D	0.122 kW (ERP)	
3400-3600 MHz	FX	20M0W7D	0.244 kW (ERP)	
3400-3600 MHz	FX	40M0W7D	0.487 kW (ERP)	
3400-3600 MHz	FX	80M0W7D	0.976 kW (ERP)	

Frequency Information

Darlington, SC - NL 34-17-43; WL 79-54-21; MOBILE: Transportable FX, within 3 km, centered around NL 34-17-43; WL 79-5

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400-3600 MHz	FX	10M0W7D	0.122 kW (ERP)	
3400-3600 MHz	FX	20M0W7D	0.244 kW (ERP)	
3400-3600 MHz	FX	40M0W7D	0.487 kW (ERP)	
3400-3600 MHz	FX	80M0W7D	0.976 kW (ERP)	

Richmond, VA - NL 37-35-33; WL 77-25-10; MOBILE: Transportable FX, within 3 km, centered around NL 37-35-33; WL 77-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400-3600 MHz	FX	10M0W7D	0.122 kW (ERP)	
3400-3600 MHz	FX	20M0W7D	0.244 kW (ERP)	
3400-3600 MHz	FX	40M0W7D	0.487 kW (ERP)	
3400-3600 MHz	FX	80M0W7D	0.976 kW (ERP)	

Frequency Information

MOBILE: Bristol, TN, within 3 km, centered around NL 36-30-57; WL 82-15-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400-3600 MHz	MO	80M0F9W	0.0098 kW (ERP)	
3400-3600 MHz	MO	10M0F9W	0.0012 kW (ERP)	
3400-3600 MHz	MO	20M0F9W	0.0024 kW (ERP)	
3400-3600 MHz	MO	40M0F9W	0.0049 kW (ERP)	

MOBILE: Brooklyn, MI, within 3 km, centered around NL 42-04-01; WL 84-14-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400-3600 MHz	MO	10M0F9W	0.0012 kW (ERP)	
3400-3600 MHz	MO	20M0F9W	0.0024 kW (ERP)	
3400-3600 MHz	MO	40M0F9W	0.0049 kW (ERP)	
3400-3600 MHz	MO	80M0F9W	0.0098 kW (ERP)	

Frequency Information

MOBILE: Darlington, SC, within 3 km, centered around NL 34-17-43; WL 79-54-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400-3600 MHz	MO	10M0F9W	0.0012 kW (ERP)	
3400-3600 MHz	MO	20M0F9W	0.0024 kW (ERP)	
3400-3600 MHz	MO	40M0F9W	0.0049 kW (ERP)	
3400-3600 MHz	MO	80M0F9W	0.0098 kW (ERP)	

MOBILE: Richmond, VA, within 3 km, centered around NL 37-35-33; WL 77-25-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400-3600 MHz	MO	10M0F9W	0.0012 kW (ERP)	
3400-3600 MHz	MO	20M0F9W	0.0024 kW (ERP)	
3400-3600 MHz	MO	40M0F9W	0.0049 kW (ERP)	
3400-3600 MHz	MO	80M0F9W	0.0098 kW (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.