



14 April 2022

Introduction:

Intel is a world leader in computing innovation. The company designs and builds the essential technologies that serve as the foundation for the world's computing devices. Intel also offers a portfolio of wireless communications solutions to connect a broad range of devices. Hardware and software products by Intel and its subsidiaries power the majority of the world's data centers, connect hundreds of millions of cellular handsets and help secure and protect computers, mobile devices and corporate and government IT systems. Intel technologies are also inside intelligent systems, such as automobiles, automated factories and medical devices.

Purpose of Station Temporary Authority:

Intel's research and development teams have been designing new radio technologies for the next generation of 5G wireless devices. The proposed Special Temporary Authorization is for a demonstration and testing in Grapevine, Texas from May 7 – 15th 2022.

Proposed Location:

Grapevine, Texas
Gaylord Texan Resort & Convention Center
1502 Gaylord Trail
Grapevine, TX 76051
Centered around: 32°57'17"N, 97°03'52"W, radius of 700 meters

"Stop Buzzer" Contact

stopbuzzer@intel.com
John A. Hammond
503-264-8726

Proposed Transmitter & Antenna Parameters:

Site Details					Transmitter Emission					
Location	Station Type	Latitude	Longitude	AGL meters	Antenna Type:	Antenna Gain dBi	Maximum ERP dBm	Frequency MHz	Bandwidth MHz	Emission Designator MW7W
Grapevine, Texas 700 m radius	FX to MO	32°57'17"N	97°3'52"W	NTE 30	omni	3.8	21.85 dBm	4800 - 4900	100	98M3D7W
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Geographical Area of Grapevine, Texas Site:
700 meter radius centered around NL 32°57'17", WL 97°03'52"

