



February 11, 2020

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 network 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, connecting hundreds of millions of consumers, corporate and government IT systems. Intel technologies are also inside intelligent systems, such as automobiles, automated factories and medical devices.

Testing to be Performed

Intel's research and development teams have been advancing new radio standards and technologies for the next generations of wireless devices. An Experimental License is requested for testing and demonstrations.

Location:

Cleveland Clinic Florida

2950 Cleveland Clinic Boulevard

Weston, Florida 33331

Center point: 26°4' 57" N, 80°21' 54" W, 1 kilometer radius.

Proposed Transmitter & Antenna Parameters

Details					Transmitter Emission					
Location	Station Type	Latitude	Longitude	AGL meters	Antenna Type:	Antenna Gain dBi	Maximum ERP dBm	Frequency GHz	Bandwidth MHz	Emission Designator MW7W
Weston, FL	MO to MO	26°4' 57" N	80°21' 54" W	NTE 27	Omni & Patch	7 dBi	27.85	3.4 – 3.8	20	20MW7W
						23 dBi	41.85	3.4 – 3.8	40 60 80 100 200 400	40MW7W 60MW7W 80MW7W 100MW7W 200MW7W 400MW7W
Weston, FL	MO to MO	26°4' 57" N	80°21' 54" W	NTE 27	Omni & Patch	7 dBi & 23 dBi	27.85	4.4 – 4.99	20	20MW7W
							41.85	4.4 – 4.99	40 60 80 100 200 400	40MW7W 60MW7W 80MW7W 100MW7W 200MW7W 400MW7W

Geographical Area of Weston, Florida Site

1000 meter radius centered: NL 26-4-57, WL 80-21-54

