



3 August-2016

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.

Proposed Demonstration:

An Experimental Special Temporary Authority is requested for an indoor demonstration and test of wireless devices. The proposed experiment will be located inside a building within September 20th to October 4, 2016.

Location:

Indoors, radius of 200 meters from:
 37°19' 54"N
 122°01'49"W
 69 meters AMSL

Transmitter & Antenna Parameters:

The proposed experiment of Intel’s advanced technologies will consist of demonstration of one type of equipment indoors: 27.5 – 28.5 GHz: 4 units.

Transmitter & Antenna Parameters:

Site Details					Antenna					Transmitter Emission		
Location	Station Type	Latitude (dd mm ss.ss)	Longitude (dd mm ss.ss)	AGL (m)	Type	3dB Beam Width	H-Gain (dBi)	V-Gain (dBi)	ERP (mW)	Frequency (GHz)	Bandwidth (MHz)	Emission Designator
Indoors, within a 200 meter radius of center coordinates	MO – to – MO	37°19'54"N	122°01'49"W	13	Omni	n/a	3.5 to 14 dB maximum with beam-forming	n/a	2512	27.5 – 28.0	100	100MW7W

Geographical Area

