



Date: 23-Mar-20

Subject: Intel Experimental License: 0282-EX-CN-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 communications solutions to connect a broad range of devices. Hardware and software products by Intel and its subsidiaries power a 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 in automobiles, automated factories and medical devices.

Testing to be performed

Intel's Wi-Fi development team have been designing the next generation Wi-Fi radio technologies. Over the air testing is required to validate the designs, characterize usage models and verify overall performance.



Locations:

Intel Casper Campus

6200 NE Casper Court, Suite 100

Hillsboro, OR 97124

JF3: 45°33'53" N / 122°55'18" W, radius of 0.3 km. The closest distance to an airport runway (HIO (Portland-Hillsboro Airport)) is approximately 3 km.

Transmitter & Antenna Parameters:

Site Details					Antenna					Transmitter Emission		
Location	Station Type	Latitude (dd mm ss.ss)	Longitude (dd mm ss.ss)	AGL (m)	Type	ERP (W)	ERP (dBm)	EIRP (W)	EIRP (dBm)	Frequency (MHz)	Bandwidth	Designator
Within 0.3 km radius of Casper campus Hillsboro, OR 97124	MO	45°33'53" N	122°55'18" W	<6m	Omni	0.12	20.85	0.2	23	5925-7125	20 MHz	20M0W7D
Within 0.3 km radius of Casper campus Hillsboro, OR 97124	MO	45°33'53" N	122°55'18" W	<6m	Omni	0.12	20.85	0.2	23	5925-7125	40 MHz	40M0W7D
Within 0.3 km radius of Casper campus Hillsboro, OR 97124	MO	45°33'53" N	122°55'18" W	<6m	Omni	0.12	20.85	0.2	23	5925-7125	80 MHz	80M0W7D
Within 0.3 km radius of Casper campus Hillsboro, OR 97124	MO	45°33'53" N	122°55'18" W	<6m	Omni	0.12	20.85	0.2	23	5925-7125	160 MHz	160M0W7D



Geographical Area of Casper Campus, Hillsboro, Oregon Site



Equipment List:

Manufacturer	Model Number	Usage	No. Of Units	Experimental
Intel Corporation	Development Boards	mobile	20	Yes