



Date: 27-May-20

Subject: Intel Experimental License: 0853-EX-ST-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 5G development team have been designing 5G radio technologies to enhance edge performance. Over the air testing is required to validate the designs, characterize usage models and verify overall performance.



Location:

404 NW 10th Street
Portland, OR 97209

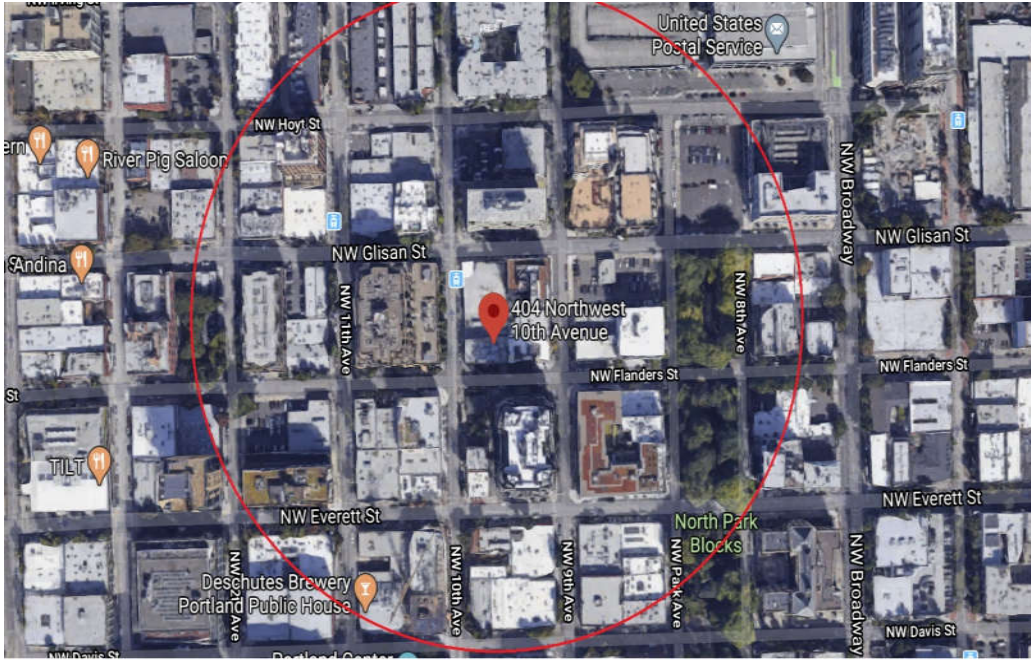
45°31'34" N / 122°40'51" W, radius of 0.5 km. The closest distance to an airport runway (PDX (Portland International Airport)) is approximately 8.8 km.

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 0.5 km radius of 404 NW 10 th Street Portland, OR 97209	MO	45°31'34" N	122°40'51" W	<6m	25 deg directional	0.61	27.85	1	30	27500-27900	100 MHz	100MW7D
Within 0.5 km radius of 404 NW 10 th Street Portland, OR 97209	FX	45°31'34" N	122°40'51" W	<6m	25 deg directional	0.61	27.85	1	30	27500-27900	100 MHz	100MW7D



Geographical Area of 404 NW 10th Street, Portland, Oregon



Equipment List:

Manufacturer	Model Number	Usage	No. Of Units	Experimental
Intel Corporation	mDR Relay	Mobile/fixed	1	Yes