



**Intel Corporation**  
2200 Mission College Blvd.  
Santa Clara, CA 95054-1549

9-Aug-16

## **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 research and development teams have been designing new radio technologies for the next generation broad band wireless devices. Over the air testing is required to validate the designs, characterize propagation impact, and verify overall performances, and will start with in building tests. We have received authorization from the carrier to utilize their spectrum for these tests, and will not connect to their network. All testing will be conducted indoors, on Intel campus.

## **Locations:**

Intel Jones Farm Campus  
2111 NE 25<sup>th</sup> Avenue, JF2-15  
Hillsboro, OR 97124

Centered at SW corner of building JF3: 45°32'35" N, 122°57'41" W, radius of 250 meters, indoors only.

Intel Santa Clara Campus  
2200 Mission College Blvd  
Santa Clara, CA 95054

Centered on the campus: 37°23'10" N, 121°57'53" W, radius of 500 meters, indoors only.

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## Transmitter & Antenna Parameters:

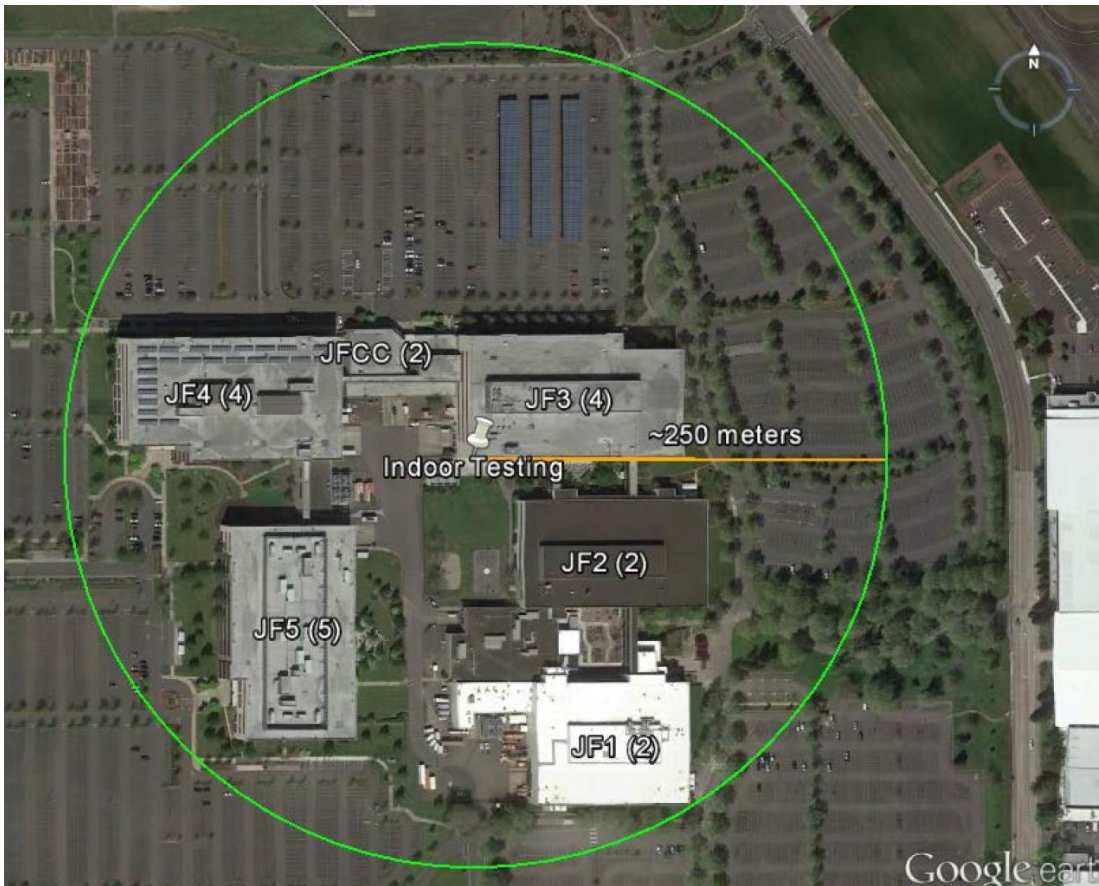
Site Details					Antenna					Transmitter Emission		
Location	Station Type	Latitude (dd mm ss.ss)	Longitude (dd mm ss.ss)	AGL (m)	Type	3-dB Beam Width	H-Gain (dBi)	V-Gain (dBi)	EIRP (dBm)	Frequency (MHz)	Bandwidth	Designator
Within 250 m radius of inside corner of building JF2 (2111 NE 25 <sup>th</sup> Ave, Hillsboro, OR.), Indoors with the intended coverage area of the campus inside buildings only	BS – to - MO	45°32'35" N	122°57'41" W	Not to exceed 35m	directional	160°	5	5	26	2594 – 2614	20 MHz	20M0D7D
Within 500 m radius of inside of building SC3 (2200 Mission College Blvd, Santa Clara, CA.), Indoors with the intended coverage area of the campus inside buildings only	BS – to - MO	37°23'10" N	121°57'53" W	Not to exceed 35m	directional	160°	5	5	26	2594 – 2614	20 MHz	20M0D7D

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## Geographical Area of Jones Farm, Hillsboro, Oregon Site



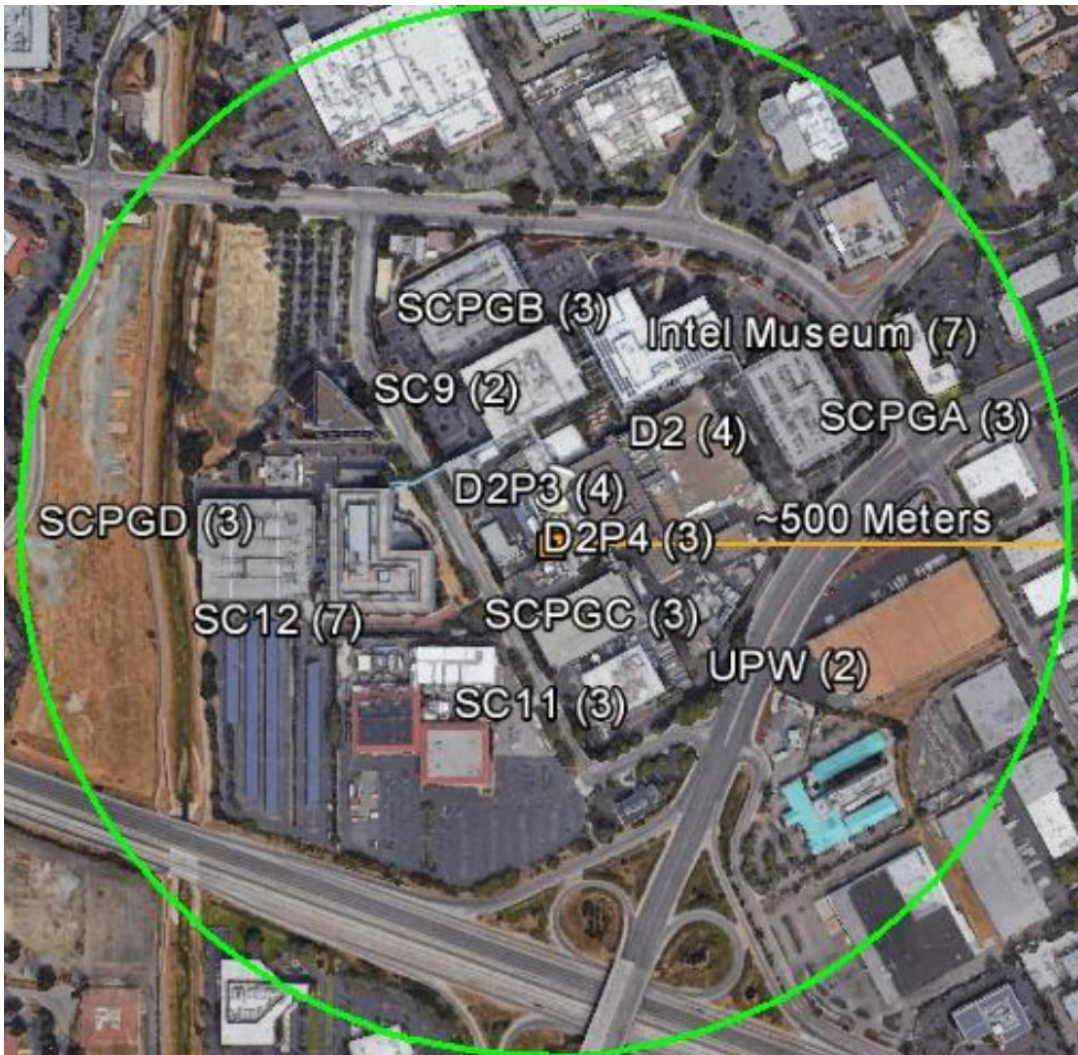
Numbers in parentheses = number of stories

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## Geographical Area of Santa Clara, California Site



Numbers in parentheses = number of stories

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