



28 October 2015

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.

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 that is required to validate the designs, characterize propagation impact, and verify overall performances will start with in building tests during the first phase before being moved to an outdoor environment.

Location:

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

Centered between Intel building SC11 and the Intel Museum: 37°23'9.54"N, 121°57'52.64"W

Phase 1 – Indoors only

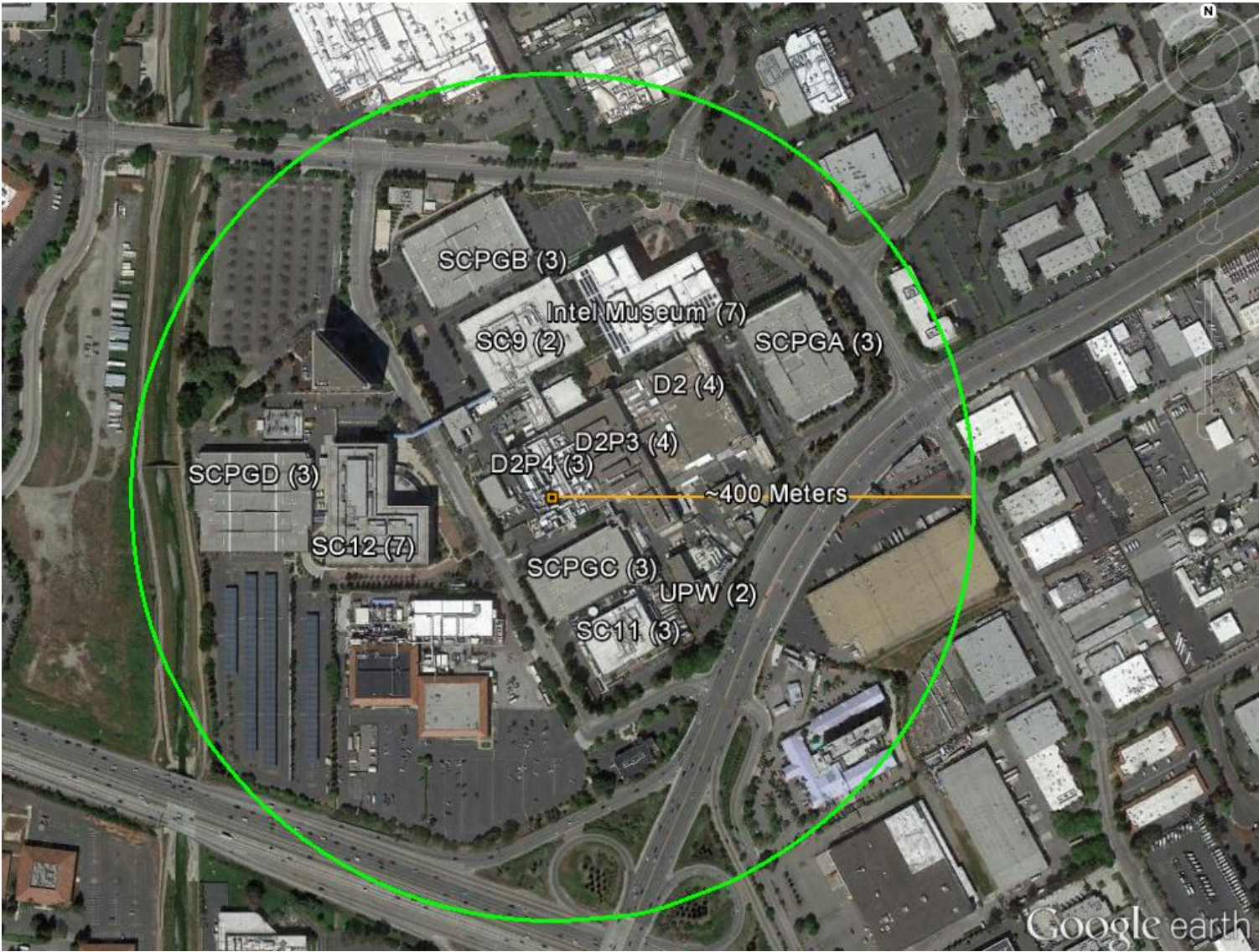
Phase 2 – Outdoors, covering a 400 meter radius from the mid-point of the above buildings.

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 (dB)	V-Gain (dB)	EIRP (dBm)	Frequency (MHz)	Bandwidth	Designator
Within a 400 meter radius mid-point between Building SC11 (2191 Laurelwood Road, Santa Clara CA 95054) and The Intel Museum (2200 Mission College Blvd Santa Clara, CA 95054) Either indoors or outdoors within the intended coverage area of campus.	MO – to – MO	37°23'9.54"N	121°57'52.64"W	Not to Exceed 32 m	Omni, beam-forming	n/a	3.5 to 14 dB maximum with beam-forming	3.5 to 14 dB maximum with beam-forming	34	3400 - 4200	100 MHz 200 MHz 300 MHz 400 MHz 500 MHz 600 MHz 700 MHz 800 MHz	100MW7W 200MW7W 300MW7W 400MW7W 500MW7W 600MW7W 700MW7W 800MW7W

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Geographical Area:



Bracket = number of stories

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