



30 December 2019

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 network 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, connecting hundreds of millions of consumers, 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 advancing new radio standards and technologies for the next generations of wireless devices. Modification to WK2XJV Experimental License is requested for testing and demonstrations.

Proposed Modification:

Intel Santa Clara Only, all other conditions remain the same for both sites.

2200 Mission College Blvd

Santa Clara, CA 95054

Centered around: 37°23' 10" N, 121°57' 53" W, radius of 800 meters.

From: 4.5-4.99 GHz

To: 4.4-4.99 GHz

Details					Transmitter Emission					
Location	Station Type	Latitude	Longitude	AGL meters	Antenna Type:	Antenna Gain dBi	Maximum ERP dBm	Frequency GHz	Bandwidth MHz	Emission Designator MW7W
Santa Clara	MO to MO	37°23' 10" N	121°57' 53" W	NTE 32	Omni & Patch	7 dBi & 23 dBi	27.85 & 52.85	4.4 – 4.99 4.4 – 4.99	20 40 60 80 100 200 400	20MW7W 40MW7W 60MW7W 80MW7W 100MW7W 200MW7W 400MW7W

Geographical Area of Santa Clara, California Site

800 meter radius centered around NL 37-23-10; WL 121-57-53

