



WiLine Networks, Inc.
San Mateo, CA

Explanatory Statement

Additional 3.65 GHz sector in Cupertino, under call sign WE2XGA

WiLine Networks, Inc. ("WiLine") wishes to add one more sector in the area of Cupertino to test the tolerance of adjacent channel congestion of radio operating in 3.65 GHz band.

The objective of this exercise is to find out how the subscriber units (SU) respond to the 2 Base Station Units (BSU), pointing in the same Azimuth angle, operating in the 2 adjacent channels. During this exercise, WiLine will monitor the typical RSL, the throughput, and modulation levels of the SU's.

At this time, we have a license for 2 sectors of 3.5 GHz Aperto Packet Wave 760 radio in Cupertino area. The Azimuth angles of these sectors are 348.0° M and 78.0° M respectively.

To enhance the utilization of the experimental equipments, WiLine intends to utilize additional radio, same as existing equipment, placing it adjacent to the existing radio, pointing it in the direction of 78.0° M sector, and observe the radio performance. We will also monitor performance for co-channel operation on alternate polarizations (V and H).