



June 24, 2015

Ms. Marlene Dortch  
Secretary  
Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20554

Re: Incentive Auction and TV White Spaces  
ET Docket No. 14-165; GN Docket No. 12-268; GN Docket No. 12-354; RM – 11745; ET  
Docket No. 14-14; AU Docket No. 14-252  
Oral Ex Parte Presentations

Dear Ms. Dortch:

On June 23, 2015, James Carlson, CEO of Carlson Wireless Technologies, Inc. (CWT) and Mark O'Connor, Board Member of CWT, met with Julius Knapp, Chief of the FCC's Office of Engineering and Technology (OET), Alan Stillwell and Ira Keltz of OET. We described our current progress on a Third Generation white spaces product that will deliver a significantly better feature set, including higher bandwidth, at a much lower price point, which should accelerate white spaces deployment in the U.S. and foreign markets. CWT also discussed its deployments in the U.S. and throughout the world. Currently, 300 CWT radios have been deployed in the U.S. and 1,200 have been deployed in foreign countries. Large customers serving rural America have also expressed interest in much greater orders for CWT white spaces radios following the upcoming FCC incentive auction.

Further, we described how CWT minimizes erroneous data entry into the white spaces databases by working with each of our customers' professional installers to input all information correctly, how we review independently the database information to troubleshoot for possible errors and work closely with other white spaces manufacturers to correct swiftly the few errors that we identify. Further, CWT has provided white spaces base stations and client radios to NAB and we continue to work with NAB on testing to continue to ensure no possible interference to TV broadcasters.

In addition, CWT met with Commissioner Ajit Pai and Brendan Carr, Commissioner Pai's legal advisor, to discuss CWT's deployment of white spaces equipment and its current progress on the Generation 3 product. CWT emphasized the importance of commencing the incentive auction quickly and completing it smoothly in order for potential customers and investors to confirm the availability of white spaces with a higher degree of certainty. CWT explained that larger customers serving underserved and unserved rural Americans have expressed great interest in our white spaces products subject to the spectrum available in markets after the conclusion of the incentive auction. We also

explained the importance of low-band as well as higher-band unlicensed spectrum, and how low-band spectrum permits broadband transmission to non-line-of sight customer locations that cannot be otherwise served by ISPs. CWT briefly described rural deployments of the town of Thurman, NY and Cal.net in rural California as examples of how white spaces broadband serves rural Americans where other broadband technologies cannot.

Pursuant to Section 1.1206 of the Commission's Rules, this letter is being filed electronically via the Electronic Comment Filing System in the above-captioned proceedings.

Respectfully submitted,

*/s/*

James Carlson

cc: Commissioner Ajit Pai  
Brendan Carr  
Julius Knapp  
Alan Stillwell  
Ira Keltz