

April 29, 2019

**Ex Parte**

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

Re: *Unlicensed Use of the 6 GHz Band*, ET Docket No. 18-295

Dear Ms. Dortch:

On April 26, 2019, Dr. Henry Samueli, Chairman of the Board of Broadcom Inc.; Vijay Nagarajan, Vice President, Mobile Connectivity Division, Broadcom Inc.; John Emling, Head, Global Government Affairs, Broadcom Inc.; and Arjun Mody of S-3 Group met with Chairman Ajit Pai and his Legal Advisor Aaron Goldberger to explain Broadcom's enthusiastic support for the Commission's proposed framework for opening the 6 GHz band for unlicensed operations.

They noted that an FCC decision to open the full 6 GHz band to unlicensed technologies is critical to accelerating deployment of 5G services in the U.S. and extending 5G's reach beyond urban cores and into rural areas. They recommended that the Commission adjust the proposed framework in certain limited, but important, ways in order for the 6 GHz band to support all the benefits of Wi-Fi 6, and support 5G services in the near term. In particular, they emphasized the need for rules that allow low-power indoor operations throughout the band, and the importance of very-low-power portable operations.

They explained that because Europe is also exploring an unlicensed designation in the 6 GHz band, and because of the importance of these categories to operators and content providers, Broadcom has already made significant investments in 6 GHz Wi-Fi.

They closed by saying that with these changes, the Commission is likely to see significant launches of 6 GHz Wi-Fi products in 2020.

Sincerely,



Paul Margie  
*Counsel to Broadcom Inc.*

cc: meeting participants