



November 21, 2017

Ex Parte

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

Re: Expanding Flexible Use in Mid-Band Spectrum Between 3.7 and 24 GHz, GN Docket
No. 17-183

Dear Ms. Dortch:

Earlier today, Ulf Pehrsson, Mark Racek, and Jared Carlson of Ericsson met with Commissioner Michael O'Rielly and emphasized the critical importance of mid-band spectrum and its particular role in meeting the booming demand for terrestrial broadband, including 5G service.

Consistent with our comments in this docket, Ericsson outlined licensed opportunities in the 3.7-4.2 GHz band using a variety of clearing options, including market-based mechanisms, while emphasizing the need for regulatory certainty.¹ There are a variety of options for clearing the band, and the Commission should consider all of them.

We also urged the Commission and NTIA to explore additional opportunities for mobile use allocations and more federal/non-federal shared bands in the frequencies between 7 and 24 GHz. We discussed unlicensed and licensed opportunities in the 5.925-6.425 GHz and 6.425-7.125 GHz bands, respectively, provided that unlicensed use is technology neutral and proven to protect incumbent fixed point-to-point operations from harmful interference. In addition, the Commission should consider the possible introduction of licensed mobile service in the 6.425-7.125 GHz band. Ericsson also supports Commission action to open the 7 and 8 GHz bands for shared non-federal fixed service use. This band could serve to support urban and suburban fixed service relocation from the upper half of the 6 GHz band, for instance. Ericsson also supports enhanced long haul backhaul service in the 6 GHz band.

Respectfully submitted,

/s/ Jared M. Carlson

Jared M. Carlson

Vice President,

Government Affairs and Public Policy

Ericsson

¹ See Comments of Ericsson, *Expanding Flexible Use in Mid-Band Spectrum Between 3.7 and 24 GHz*, GN Docket 17-183, Filed Oct. 2, 2017, at 7-9.