

**Before the
Federal Communications Commission
Washington, DC 20554**

In the Matter of)	
)	
Kymeta Corporation Application for Special)	File No. SES-STA-2017____-____
Temporary Authority for 60 Days to Operate)	Call Sign: E170070
Up to 25 Ku-Band Transmit/Receive Vehicle)	
Mounted Earth Stations (VMESs”) and Up to)	
5 Ku-Band Transmit/Receive Earth Stations)	
on Vessels (“ESVs”))	

APPLICATION FOR SPECIAL TEMPORARY AUTHORITY

Kymeta Corporation (“Kymeta”), pursuant to Section 25.120(b)(3) of the Commission’s Rules, 47 C.F.R. §25.120(b)(3), respectfully requests that the Commission grant it special temporary authority (“STA”) for a period of 60 days, beginning July 1, 2017, to permit the operation of up to 25 Ku-band transmit/receive vehicle mounted earth stations (“VMES”) and up to 5 Ku-band transmit/receive earth stations on vessels (“ESV”) during the pendency of Kymeta’s application for blanket authorization to operate 5,000 Ku-band VMESs and 1,000 ESVs. *See* File No. SES-LIC-20170223-00195, as amended on June 14, 2017 (the “Application”).

Kymeta seeks this STA so that it can commence limited commercial trials of its innovative 70 centimeter KyWay1 satellite earth station terminal (the “Terminal”), which incorporates a next-generation flat panel antenna that uses software and metamaterials technology to electronically and dynamically steer the antenna beam from a flat thin film transistor (“TFT”) panel to track the target satellite.

Kymeta will conduct operations under the STA on a non-interference basis only. Further, Kymeta acknowledges that grant of the STA, and operations under the STA, will be without prejudice to the Commission's consideration of Kymeta's application for blanket authorization.

The Terminal complies with all relevant provisions of Sections 25.222 and 25.226 of the Commission's Rules. Kymeta has provided a detailed description of the Terminal, together with detailed exhibits demonstrating compliance with the Commission's Rules, in the Application.

The Terminal will operate with a maximum input power of 8 watts, and a maximum EIRP of 43 dBW.

Kymeta requests that the Commission expeditiously grant this application for special temporary authority.

Respectfully submitted,

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June 14, 2017