

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

In the Matter of)	
)	
Kymeta Corporation Application for Blanket)	File No. SES-MOD-2017____-____
License to Operate 5,000 Ku-Band)	File No. SES-LIC-20170223-00195
Transmit/Receive Vehicle Mounted Earth)	Call Sign: E170070
Stations (VMESs”), 1,000 Ku-Band)	
Transmit/Receive Earth Stations on Vessels)	
(“ESVs”) and 5,000 Ku-Band)	
Transmit/Receive Fixed Earth Stations)	

APPLICATION FOR MODIFICATION OF BLANKET LICENSE

Pursuant to Section 25.117 of the Commission’s Rules, Kymeta Corporation (“Kymeta”) files this application for modification of its blanket license to seek authority to operate at a maximum of 16 watts input power to the flange of the antenna. On August 24, 2017, the Commission granted Kymeta a blanket license to operate 5,000 Ku-band transmit/receive vehicle mounted earth stations (“VMES”), 1,000 Ku-band transmit/receive earth stations on vessels (“ESV”) and 5,000 Ku-band transmit/receive fixed earth stations operating in the Fixed Satellite Service. The Commission granted Kymeta authority to operate with a maximum of 8 watts input power.

This application for modification seeks authority to operate at a maximum of 16 watts input power to the flange of the antenna, and makes several corresponding changes on FCC Form 312 as follows:

E38: Total input power at antenna flange = 16.0 watts

E40: Total EIRP for all carriers (dBW) = 46.0 dBW

E48: Maximum EIRP per carrier (dBW): 46.0 dBW

E49: Maximum EIRP Density per carrier (dBW/4 kHz)

611k4G1D	1M20G1D	1M50G1D	2M00G1D	3M00G1D	3M48G1D	5M00G1D	6M96G1D
39.65	42.58	43.55	44.80	46.00	46.00	46.00	46.00

In addition, Kymeta submits as Exhibit A an RF Safety Analysis for operations at 16 watts input power.

Kymeta certifies that the remaining information in its blanket license remains the same.

Please contact the undersigned if additional information is needed.

Respectfully submitted,



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Counsel to Kymeta Corporation

October 27, 2017

TECHNICAL CERTIFICATION

I, Ryan A. Stevenson, hereby certify that I am:

- the technically qualified person responsible for the preparation of the technical information contained in this Application for Modification;
- that I am familiar with Part 25 of the Commission's Rules; and
- that I have either prepared or reviewed the technical information submitted in the Amendment and found it to be complete and accurate to the best of my knowledge and belief.

Signed: /s/ Ryan A. Stevenson

Dated: October 27, 2017

Ryan A. Stevenson
Vice President and Chief Scientist
Kymeta Corporation