

## **Kymeta Delivers Sustained Industry-First Performance Levels in Successful Live Flat Panel Satellite Demonstration During Monaco Yacht Show – Demonstrates Readiness for Q2 2017 Launch**

*Kymeta continues track record of successful satellite connectivity with metamaterials-based technology – adding world record antenna combining and gain to the company's list of successes.*

**REDMOND, Washington – October 12, 2016** – Today Kymeta, the company delivering the promise of global, mobile connectivity, announced performance results of a week-long live demonstration at the Monaco Yacht Show. The company realized impressive data rates of 65 Mbps down and 6 Mbps up. Kymeta also demonstrated an unprecedented 2.9 dB additional gain when combining two Kymeta® mTenna<sup>u7</sup> antenna subsystem modules (ASMs). Having already demonstrated mobile satellite tracking and logging over 50,000 kilometers of connected driving ([Kymeta Connected Across America](#)), this achievement represents another major milestone for the company, which is poised to begin pilot production in December 2016.

The demonstration was a stunning example of what will be possible beginning in Q2 2017. Kymeta mTenna<sup>u7</sup> ASMs simultaneously received eight live Panasonic multicast eXTV channels, performed multiple live Skype video sessions, multiple HD and Ultra HD Netflix video sessions, and provided Wi-Fi access to an average of 80 users at any one time, during the show. The demonstration also confirmed the low-power consumption of the Kymeta mTenna® technology, drawing only 12 watts of power per ASM.

“We are laying a strong foundation for our maritime market launch and it is exciting to share these results with our partners and customers,” said Håkan Olsson, vice president of Maritime, Kymeta. “As a result of the successful demonstrations in Monaco, maritime prototype testing will commence on various vessel types in December and continue in early 2017 through commercial availability in Q2 2017.”

**The Impressive Results** – Achieved using just two combined Kymeta mTenna<sup>u7</sup> ASMs which are less than 6cm thick:

- **Data rates of 65 Mbps down and 6 Mbps up:** Connected to Panasonic’s satellite network, Kymeta consistently delivered more than 12 times the Netflix recommended speeds for HD streaming.
- **Kymeta combiner providing 2.9 dB additional Rx gain:** Combining two Kymeta mTenna ASMs provided unsurpassed 2.9 dB additional Rx gain. The combiner is designed to support combining of up to 64 antennas.
- **Ability to multi-task high-bandwidth applications:** Kymeta’s antennas showcased the ability to handle multiple high-bandwidth applications at once by receiving eight live TV channels, multiple Skype sessions, multiple Netflix video streaming sessions in HD and more than 80 Wi-Fi users, simultaneously.
- **mTenna technology requires only 12 watts of power, per ASM:** The metamaterials-based satellite mTenna<sup>u7</sup> ASM draws power levels similar to that of an LED light bulb.
- **Hand-carry ease:** All equipment was hand-carried by individual employees and required no costly equipment to life and place system components.
- **Ease of set up:** Connection to the satellite was established each day in a fraction of the time it takes to install and set up a traditional gimballed antenna.

### **Partner Ecosystem Supports Pre-Orders**

Beyond Kymeta mTenna performance, the company and its partners including Panasonic, iDirect, Intelsat, Intellian and e3, form the ecosystem that will support the mTenna technology deployment.

“Several of the world’s most iconic yachts have now signed up for Kymeta mTenna technology as a direct result of the successful demonstration in Monaco, with many other commitments from superyacht owners and designers expected to take place over the next few months. We are excited to begin pilot production in December 2016 and launch commercially in 2017,” said Olsson.

Kymeta has built an ecosystem of partners to deliver the mTenna technology to the maritime industry.

- Intelsat is a primary satellite provider partner for satellite bandwidth.

- The Monaco demonstration leveraged the Panasonic satellite network for high-speed internet access and highlighted Panasonic's eXTV service.
- Kymeta partnered with iDirect by using an iDirect 9350 modem during the show.
- Intellian is a key maritime integration partner for the Kymeta mTenna technology.
- e3 Systems, a leading yacht communications specialist, is already working with a number of owners and management companies to bring the Kymeta mTenna technology to the yacht market including taking many on-site orders as a result of the successful demonstration.

"Several shipyards and top marquee yacht designers approached us interested in being the first to integrate Kymeta's flat-panel antennas into their new builds. We have taken pre-orders during the show which will allow yacht owners, captains and management companies to secure early delivery of Kymeta solutions," said Roger Horner, managing director, e3 Systems.

#### **Interested? Let us Know:**

Pilot production for the Kymeta mTenna<sup>u7</sup> begins December 2016 with planned commercial availability of Kymeta mTenna<sup>u7</sup> flat panel ASMs in Q2, 2017. Yacht owners and maritime technology administrators interested in trials or deployment can learn more at <http://www.kymetacorp.com/nodomes>.

#### **More Information**

- [Explore the future of superyacht design](#)
- Watch a video of a superyacht before and after [Kymeta mTenna technology](#)
- Get more information about [Kymeta superyacht solutions](#)
- Learn more about [Kymeta's maritime mTenna<sup>u7</sup> ASM](#)
- Find out more information on [Kymeta](#) and [read our latest news](#)
- Follow us on [Twitter](#), [LinkedIn](#) and [Instagram](#)

#### **About Kymeta Corporation**

Kymeta delivers on what connectivity is meant to be – secure, available, universal and global. Kymeta is removing barriers by providing an innovative means of leveraging satellite network capacity for high bandwidth communication access while on the move. The company's first product, a software-enabled metamaterials-based electronic beamforming antenna for satellite communications, will keep boats, planes, cars and more connected.

The company has been awarded the 2016 Seattle Business Silver Tech Impact Award for Emerging Technology, the 2016 AHEAD Innovators Award, which were closely preceded by the Frost & Sullivan 2016 New Product Innovation Award. The company has also been recognized as a CNBC Disruptor for two consecutive years, a FiReStarter by Strategic News Network and a top 50 MIT Technology Review Disruptive Company. Kymeta has formed significant partnerships with industry leaders including Toyota, Intelsat, Panasonic, Inmarsat, Airbus Defence & Space, Sharp, Intellian, O3b and more. If it moves, Kymeta will keep it connected. Anywhere. The company is based in Redmond, Washington and operates on a worldwide basis. For more information, please visit [www.kymetacorp.com](http://www.kymetacorp.com).

#### **Business Inquiries for Kymeta:**

Lisa Dreher  
 Director of Marketing  
 Kymeta Corporation  
 +1 425.658.8724  
[ldreher@kymetacorp.com](mailto:ldreher@kymetacorp.com)

#### **Media Inquiries for Kymeta:**

Aaron Grabein  
 WE Communications

+1 512.527.7022

[agrabein@we-worldwide.com](mailto:agrabein@we-worldwide.com)