## **RE: Technical discussion #2 Artemis Biomedical /RPMC**

From Derek Roland <Derek@rpmclasers.com>

mike@artemisbiomedical.com <mike@artemisbiomedical.com>

Date 2021-07-27 10:57

Good morning, Mike,

То

As Ryan mentioned, I am the product manager for our pulsed lasers so I will be the one working with you regarding your interest in the Q-Tune laser.

To answer your question:

- 10Hz is the rep rate of the laser, so regardless of the wavelength you tune the laser for the rep rate will still be 10Hz.
- Regarding the switching time between wavelengths, it depends on the range of wavelengths you are trying to switch between. If you are trying switch in the range of say 410nm-710 is will be ~200ms. If you want to switch from say 410nm to 2300nm, it will be in the range of 500-1000ms.

I hope this helps. Please let me know if you have any questions and what more I can do to help. Have a nice day.

## **Derek Roland**

Product Manager

**RPMC** Lasers

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From: Ryan Warren <ryan@rpmclasers.com>
Sent: Monday, July 26, 2021 7:56 PM
To: mike@artemisbiomedical.com
Cc: Derek Roland <Derek@rpmclasers.com>
Subject: RE: Technical discussion #2 Artemis Biomedical /RPMC

Hi Mike,

Let me introduce you to my colleague Derek Roland. He manages the pulsed laser group here at RPMC for your region. Derek will be able to provide great support and knowledge on this Q-Tune and other pulsed devices you may need. I will still be your contact for any diode or component level solutions you may need.

Thank You,

Ryan Warren Account Manager RPMC Lasers Inc.

## P: 636.272.7227 x233 M: 314.439.6107 \*New Number

From: mike@artemisbiomedical.com <mike@artemisbiomedical.com>
Sent: Saturday, July 24, 2021 1:51 PM
To: Ryan Warren <ryan@rpmclasers.com>
Subject: Re: Technical discussion #2 Artemis Biomedical /RPMC

Hi Ryan,

I'd like to investigate the feasibility of using the Q-TUNE-E10 as an alternative to demo the Artemis device. The spec says on time is 10ns with max repetition rate of 10Hz, which results to very low duty cycle). Does this apply to pulsing at the same wavelength? What is the tuning time in changing wavelength.

Regarding Artemis, we ran into an issue while attempting to transfer IP to the Florida corporation. However, it's a matter of negotiation and should settle soon.

Best Regards,

Mike

2 of 2

1/18/2025, 2:00 PM