From: Neil Edwards <neil@mgigolf.com>
To: Tim Johnson <tjohnson@acbcert.com>
Subject: RE: FW: www.acbcert.com ATCB012369 | PY6-MGI002 | 9813A - NA7101 | | Model: NAVREMOTE

Hi Tim,

Please see our comments below regarding the attached two plots:

1. Pulse Period Image
The Pulse Period shows the delay between safety status transmissions, which is shown to be 2.470s on the lower section of the image, from one transmission to another as per our design documentation

The timing interval is actually 500ms/interval and not 100ms/interval as you thought it might be. Therefore the time between high voltage pulses is 5 intervals (2.5s), the oscilloscope measures this more accurately than our eye, and measures 2.47s [Prd(1)] instead of 2.5s which is what the timing was set for.

2. Pulse Width Image
The Pulse Width shows the safety status transmission period, which is shown to be 1.36ms on the lower section of the image. This is slightly shorter than the period that we specified however this only makes the timing better.

The timing interval is 1ms per interval and the high voltage pulse with is approximately 1.4 intervals in duration which is approximately 1.4ms. Again the oscilloscope measures this more accurately at 1.36ms [Wid(1)] which is ~2% below our specified target.

Please let me know if you need anything else and I'll send it through.

Kind regards...

Neil

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