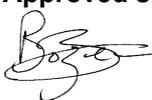


<b>Issued to: -</b>	D-TACQ Solutions Ltd International House Stanley Blvd Hamilton International Park Blantyre G72 0BN	<b>Order No.</b>  DPO-230612-01
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<b>Electromagnetic Compatibility Test/s were performed on the apparatus as detailed: -</b>			
<b>Description</b>	Data acquisition system comprising of a carrier with a number of peripheral DAC, ADC and i/o devices held in carrier slots within the system enclosure.		
<b>Type number</b>	ACQ2106		
<b>Serial Number/s</b>	133		
<b>Configuration/ Mode of Operation</b>	Loopback configuration tests DACs and ADCs for any degradation in the signal from input data (from Laptop PC to carrier) transmitted to the DAC outputs which are connected to the ADC inputs. ADC output data is subsequently transmitted via the carrier back to the laptop PC for display using CS-Studio.		
<b>Date received</b>	30 <sup>th</sup> June 2023	<b>Date Tested</b>	30 <sup>th</sup> June 2023 – 10 <sup>th</sup> July 2023
<b>Specification/s</b>	47CFR Part 15	Sub Part B Unintentional Radiators	
<p><b>The apparatus to which this certificate relates was tested against the above specifications. Full results are retained on file at Eurofins E&amp;E UK Ltd, Grangemouth laboratory. The apparatus was found to be compliant to the above specifications subject to the following conditions:</b></p> <p><b>UKAS Accreditation</b>                  Tests marked "Not UKAS Accredited" in this certificate are not included in the UKAS Accreditation Schedule for our laboratory. Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation.</p> <p><b>EUT Submitted</b>                  These results apply only to the particular EUT submitted, in the configuration used and in the mode of operation tested.</p>			

<b>Certificate No: -</b>	G6590TC1	<b>Job No: -</b>	G4031-1	<b>Date: -</b>	21 <sup>st</sup> July 2023	<b>Page 1 of 4</b>
<b>PDF copy</b>	X					

<b>Tested by: -</b>	 P Rosa, Senior Test Engineer	<b>Approved signatory: -</b>	 Dr D. Bozec, Laboratories Director
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EMC FORM 044 Issue 36





Note - The Decision Rule is applied on the basis of the following:

- EMC testing - CISPR16-4-2 and/or EN61000-4-x (TR61000-1-6)

These standards provide guidance on how to calculate and apply measurement uncertainty whilst providing maximum uncertainties allowance. In all cases due consideration will be given to JCGM 106:2012, ILAC-G8:09/2019 and LAB 48.

This laboratory has demonstrated by calibrating its equipment and facilities, and calculating its own uncertainties, that it complies with the above requirements and therefore no allowance of uncertainties has been given to the tolerances.

Where a result is considered marginal in respect of its proximity to the limit line, for example, the customer would be made aware of situation so that they can make an informed decision on how to proceed.

**Opinions/Interpretations/Additional information**

None

-----End of Certificate-----

Certificate No: -	G6590TC1	Job No: -	G4031-1	Date: -	21 <sup>st</sup> July 2023	Page 3 of 4
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## Appendix 1

### Uncertainty of measurement

<b>MEASUREMENT UNCERTAINTIES</b>
<b>Conducted emissions</b>
Power ports The reported uncertainty of measurement $y \pm U$ , where expanded uncertainty $U$ is based on a standard uncertainty multiplied by a coverage factor of $k=2$ , providing a level of confidence of approximately 95 % is +/- 3.44dB for the frequency range from 150kHz to 30MHz
<b>Radiated emissions</b>
The reported uncertainty of measurement $y \pm U$ , where expanded uncertainty $U$ is based on a standard uncertainty multiplied by a coverage factor of $k=2$ , providing a level of confidence of approximately 95% is +/- 4.9dB for the frequency range 30MHz to 1GHz +/- 5.22dB for the frequency range from 1GHz to 6GHz