TSP Calibration, Inc.

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Certificate of Calibration

Certificate No TSP-03262026-021

Gage ID	PEA-081083601
Gage S/N	081083601
Description	UT Flaw Detector
Operating Procedure:	CP-060812
Unit of Meas.	
Manufacturer	Olympus
Cal. Date	3/26/2026
Next Due	3/26/2027
Cal. Freq.	1.00 Years
Location	Lab

Environmental Conditions

Temperature	68 +/- 2 deg F
Humidity	20-55%

Approved	Yes
Customer Info.	Peak NDT

Certification Statement

TSP Calibration, Inc. calibration systems complies with the requirements of ISO 9001:2015. The equipment that is certified by this certificate has been calibrated by standards that have accuracy which is traceable to standards of the National Institute of Standards and Technology.

Findings

Additional document is attached.

AS FOUND: PASSED AS LEFT: PASSED

This calibration was performed in accordance with ASTM E317.

Standard used for calibration: IIW-Type1 Block Serial: 19348 Due Date: 06/17/27

IIW Type1 Block is traceable to NIST by the following numbers: 39671S, 42120P, 38986R

Calibrated By Taichi Daimo **Signature**  **Date:** 3/26/2026

APPROVED
By Kayla Myers at 2:18 pm, Apr 02, 2026

Control Procedure (CP-060812)

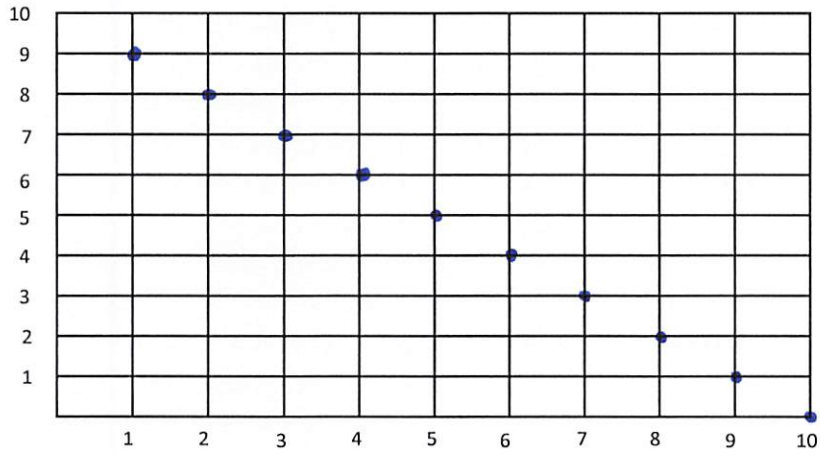
Calibration Work Sheet (WS-060812)

Manufacturer	Olympus	Model	Epoch LTC
Serial Number	081083601	Condition	Good

Control Block Serial Number: IIW-Type1 Block S/N: 19348

Control Block Due Date: 6/17/2027

Action Needed: Calibration

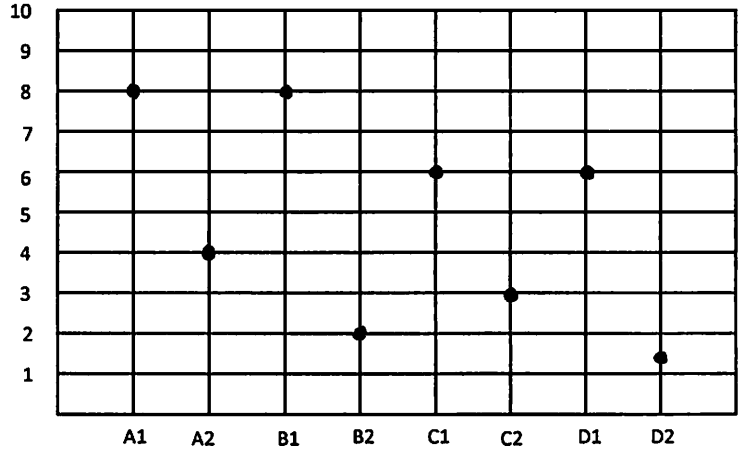


Peaks

Horizontal Linearity

Using a 10" screen range on a 1" precision block, balance the signals between the velocity and delay. Record / plot the position of each peak in reference to horizontal position on the screen of instrument.

Calibration Work Sheet (WS-060812)



Peaks

Vertical Linearity

Step A1 - Choose signal and adjust gain to achieve 80% Full Screen Height and plot.
Step A2 - Subract 6 dB's from original gain to obtain a 2 to 1 ratio and plot.
Step B1 - Choose signal and adjust gain to achieve 80% Full Screen Height and plot.
Step B2 - Subract 12 dB's from original gain to obtain a 4 to 1 ratio and plot.
Step C1 - Choose a signal and adjust gain to achieve 60% Full Screen Height and plot.
Step C2 - Subract 6 dB's from original gain to obtain a 2 to 1 ratio and plot.
Step D1 - Choose a signal and adjust gain to achieve 60% Full Screen Height and plot.
Step D2 - Subract 12 dB's from original gain to obtain a 4 to 1 ratio and plot.