



Richard Crookes Constructions

The Art Gallery of NSW
Sydney Modern Development

Noise and Vibration Monitoring Results
Report April

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Document Control

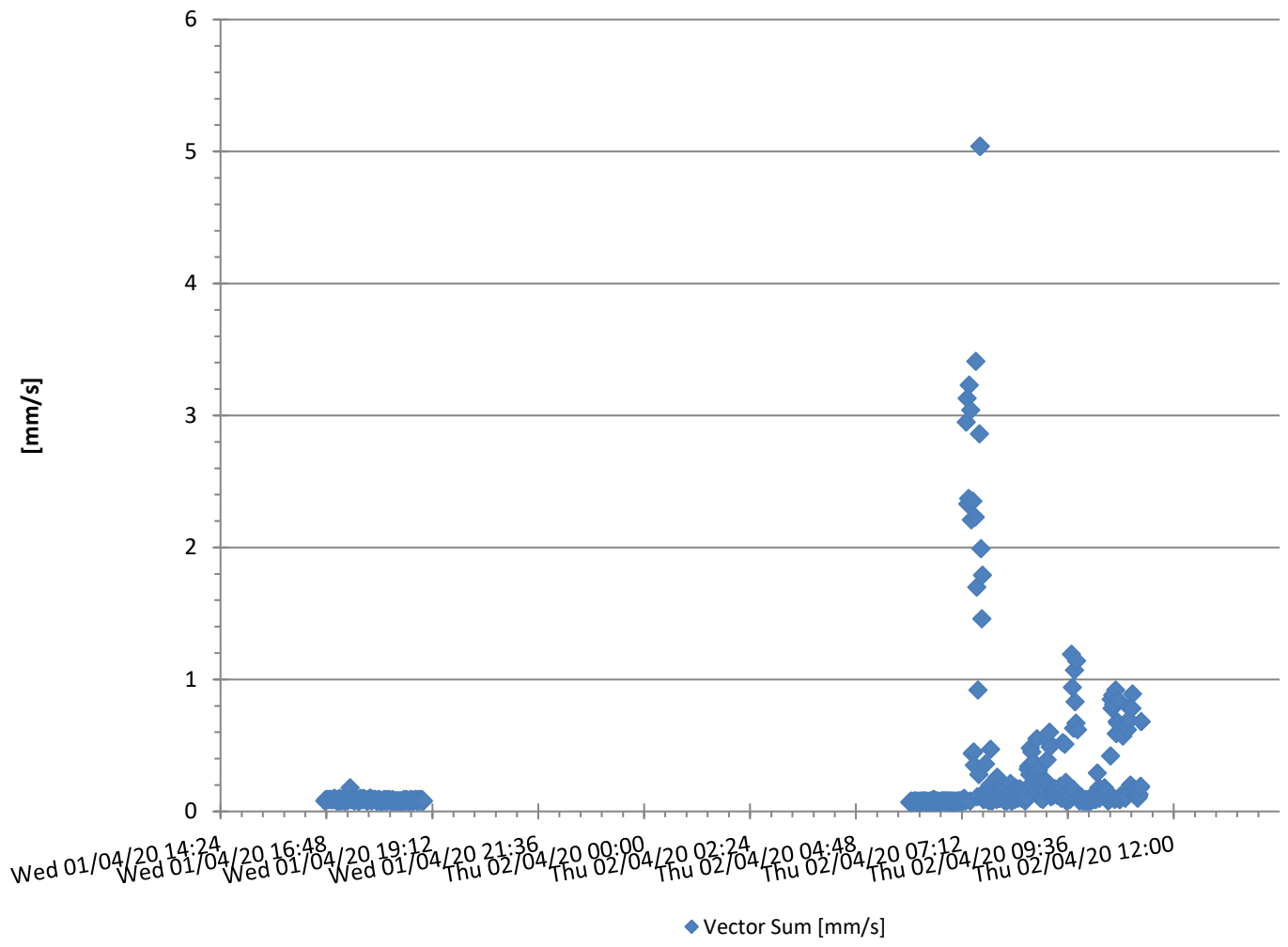
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Project Number	19078
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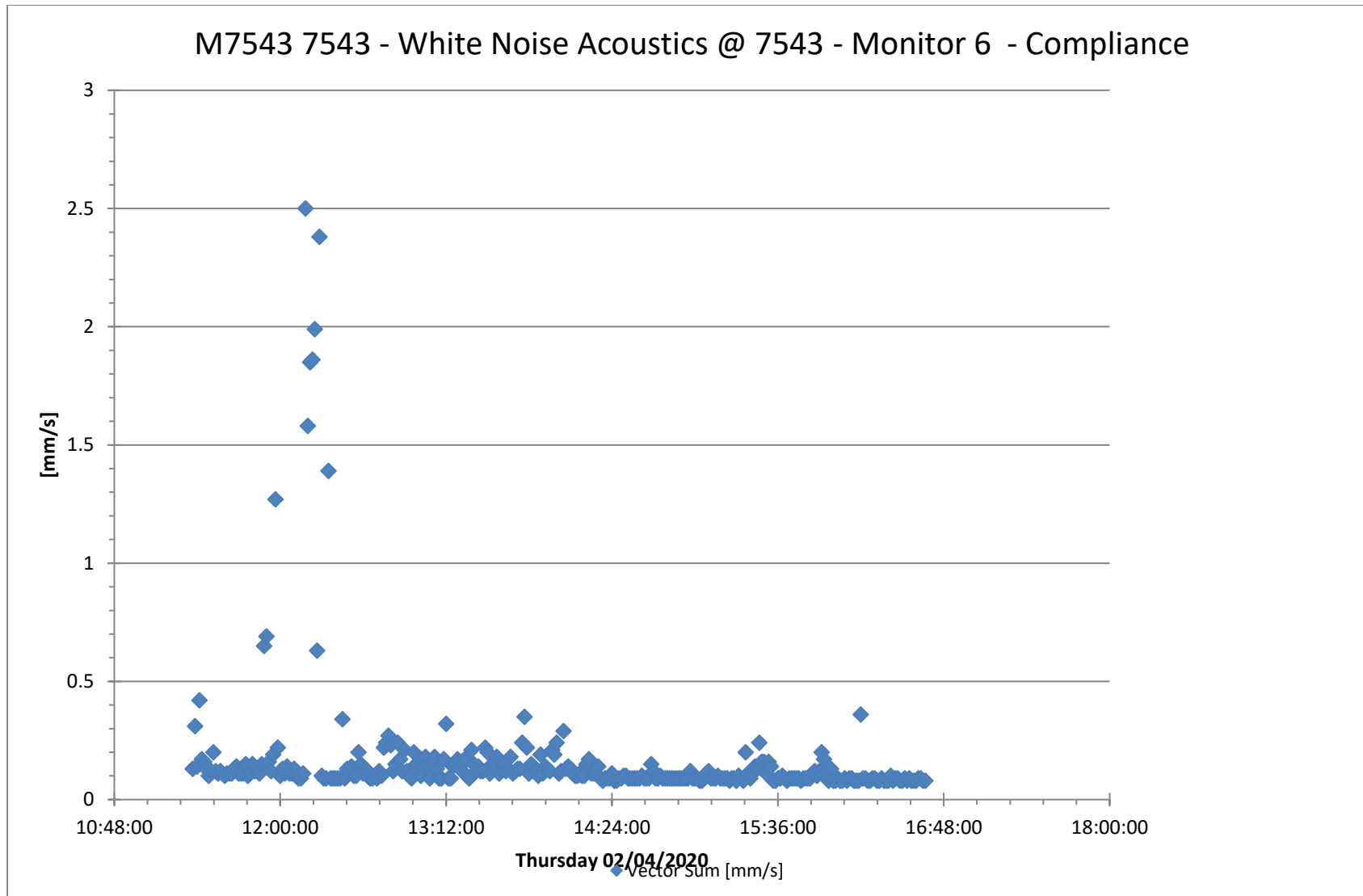
Revision	Date	Reference Number	Drafted By	Approved By
0	2/04/2020	19078_200505_Monitoring Results_April_BW_R0	BW	BW



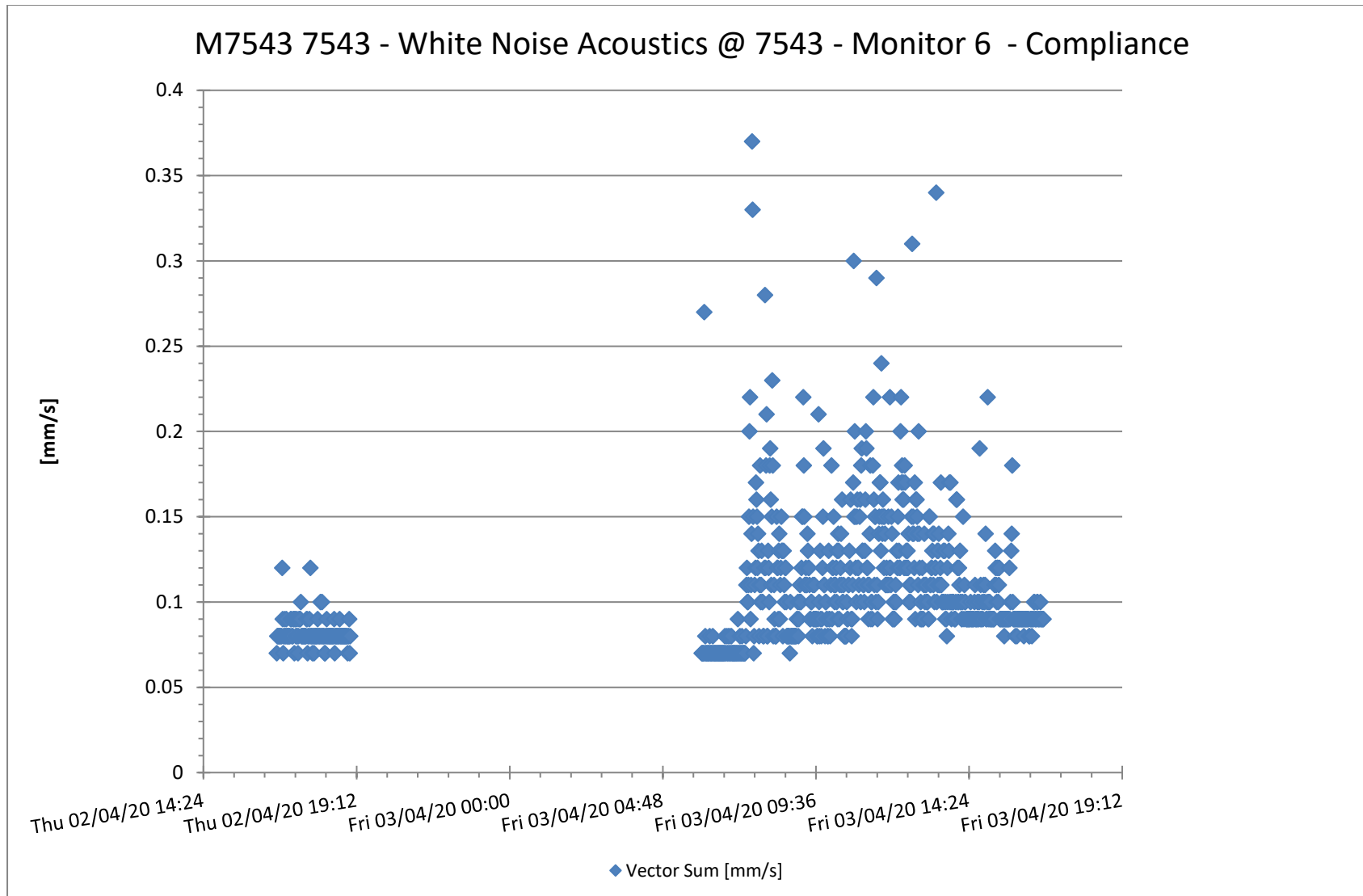
8 Appendix B – Logger Location 1 – Monitor 7543

M7543 7543 - White Noise Acoustics @ 7543 - Monitor 6 - Compliance

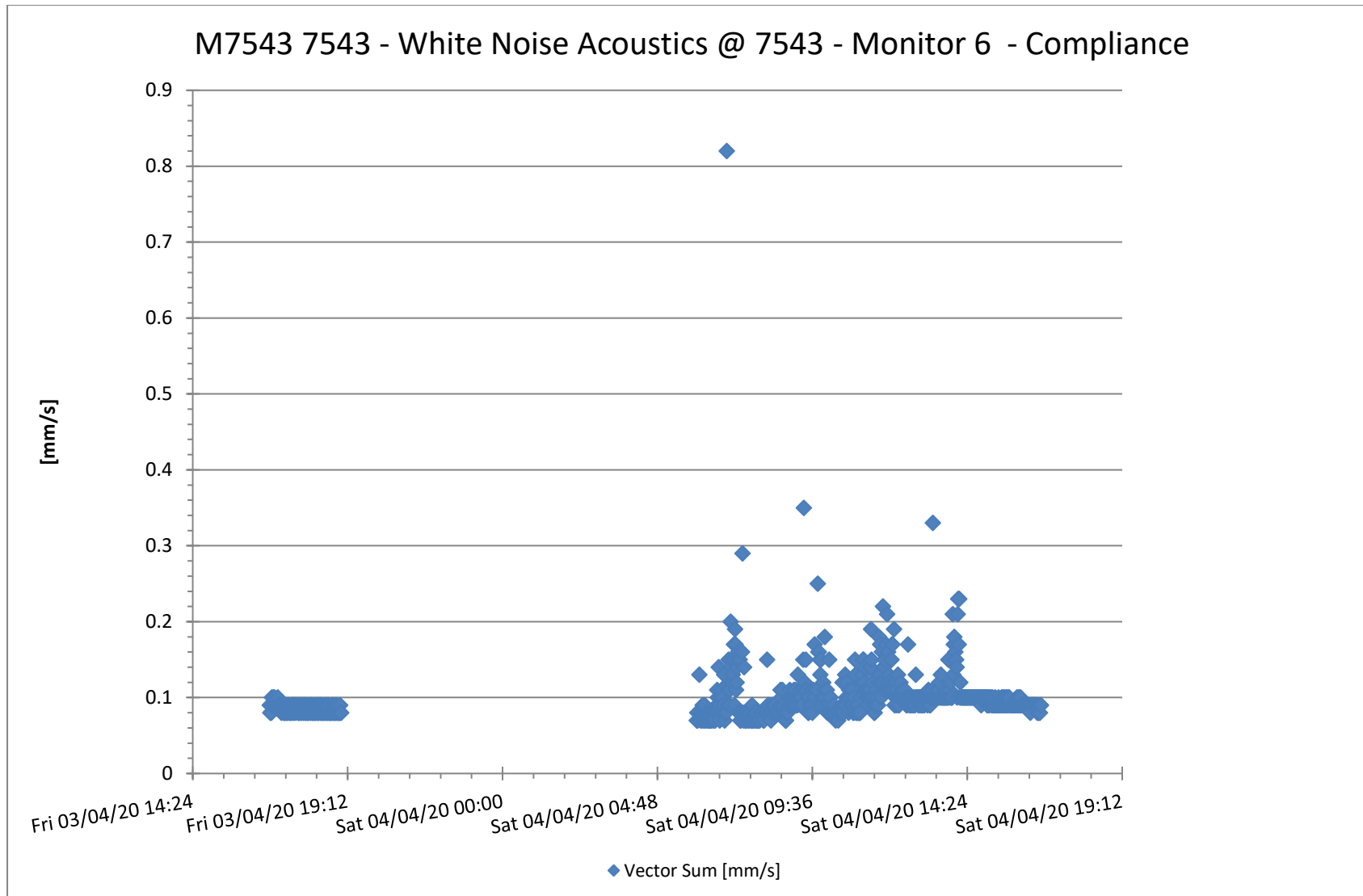




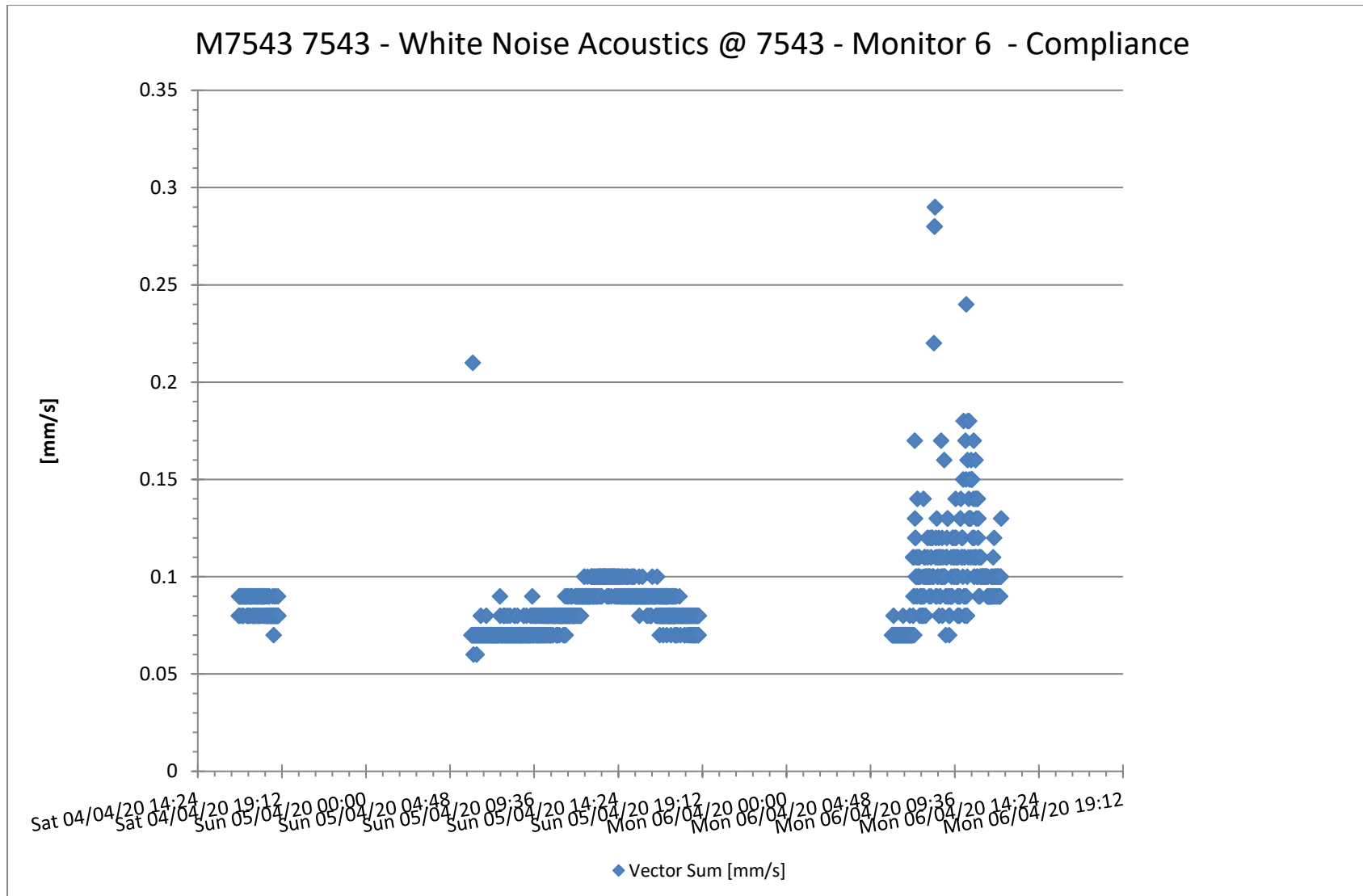
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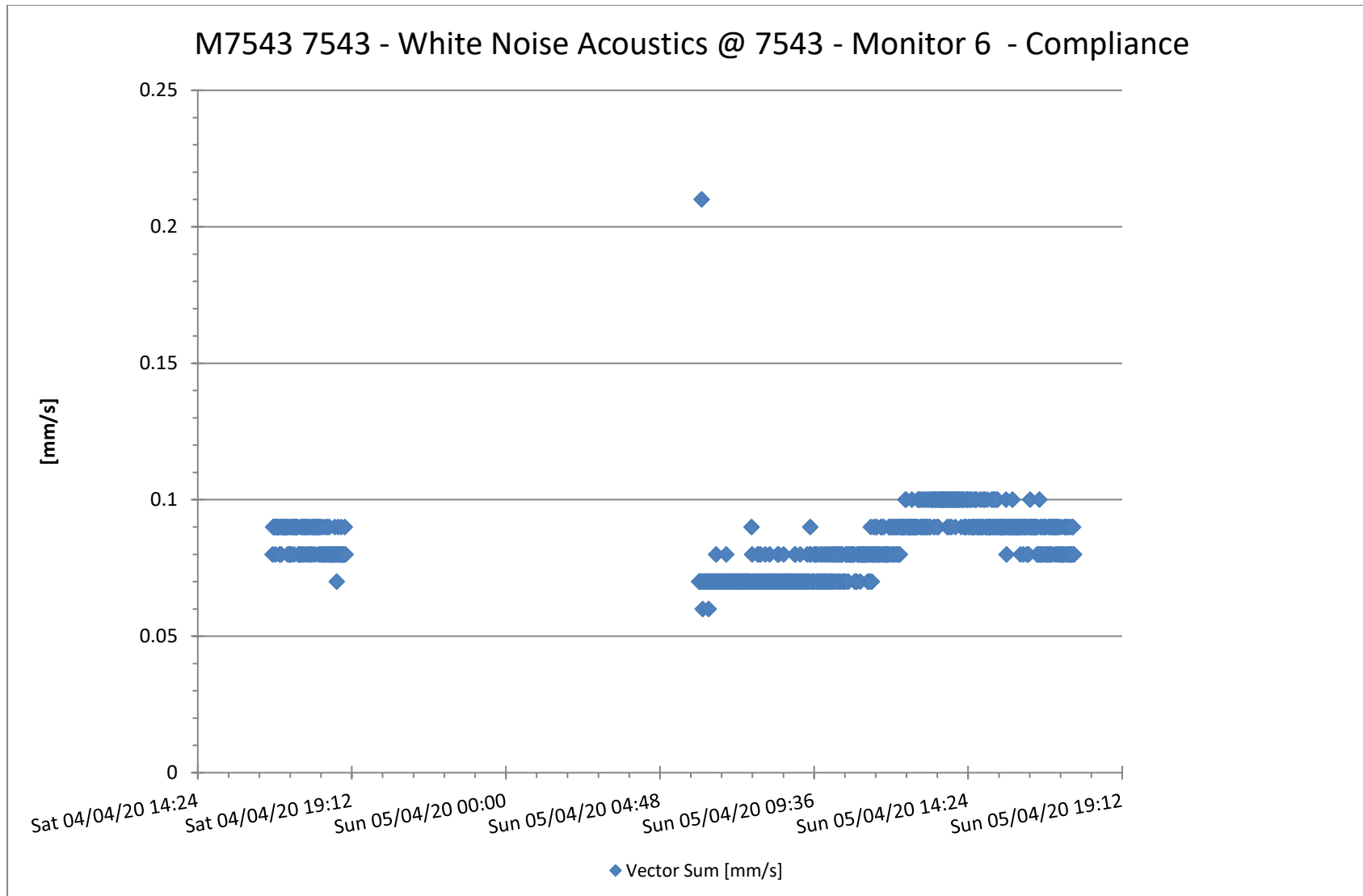
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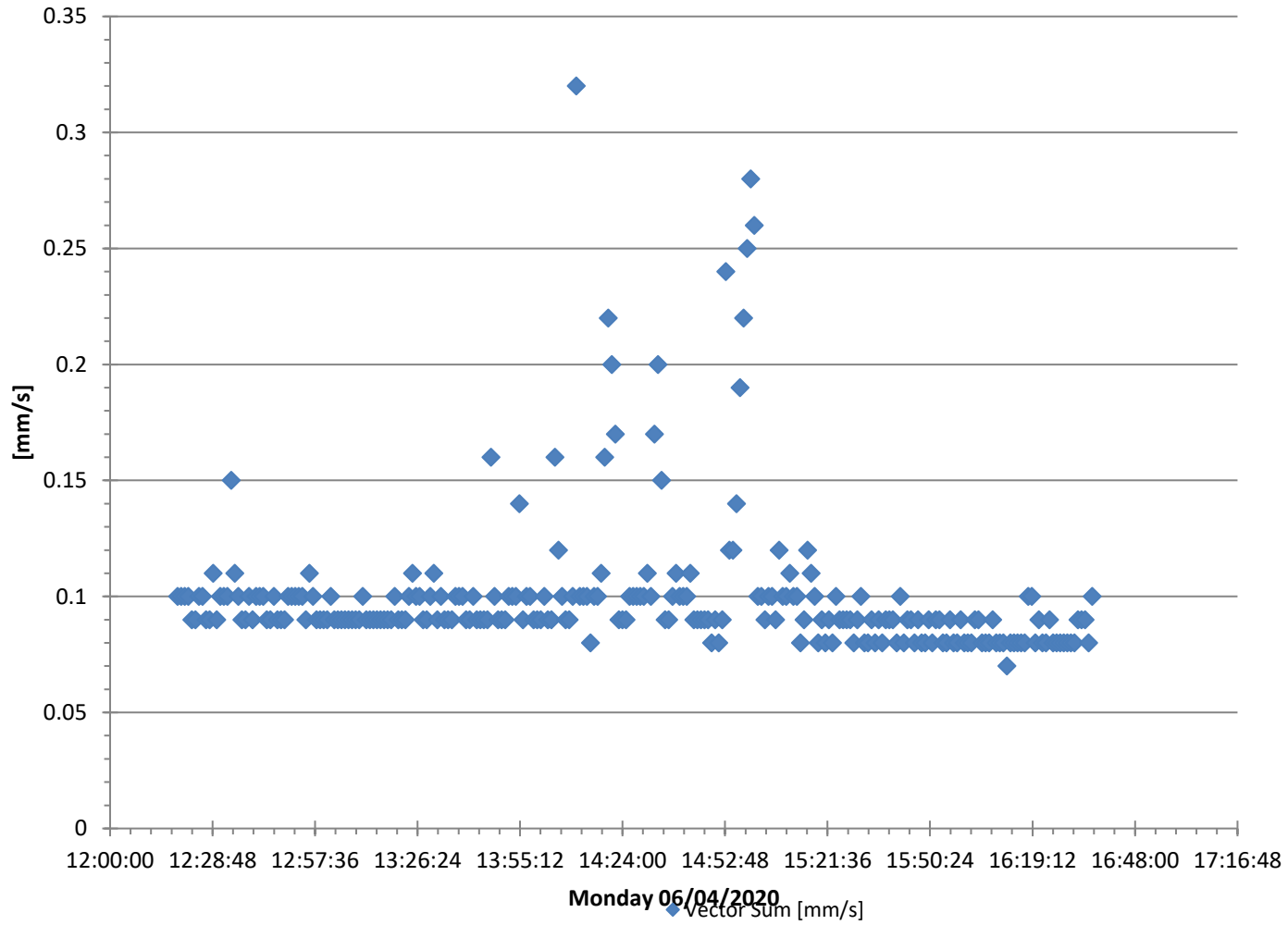
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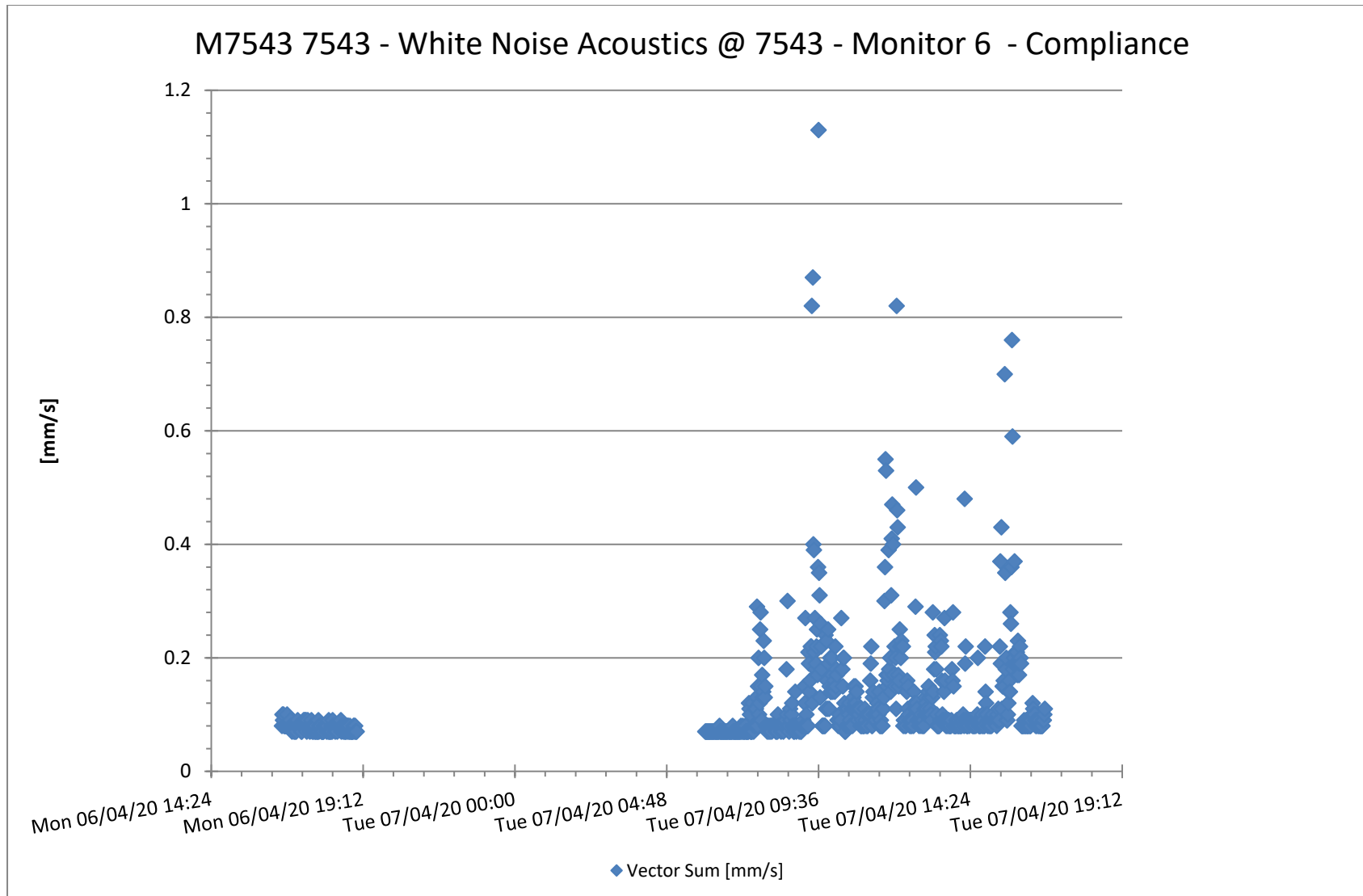
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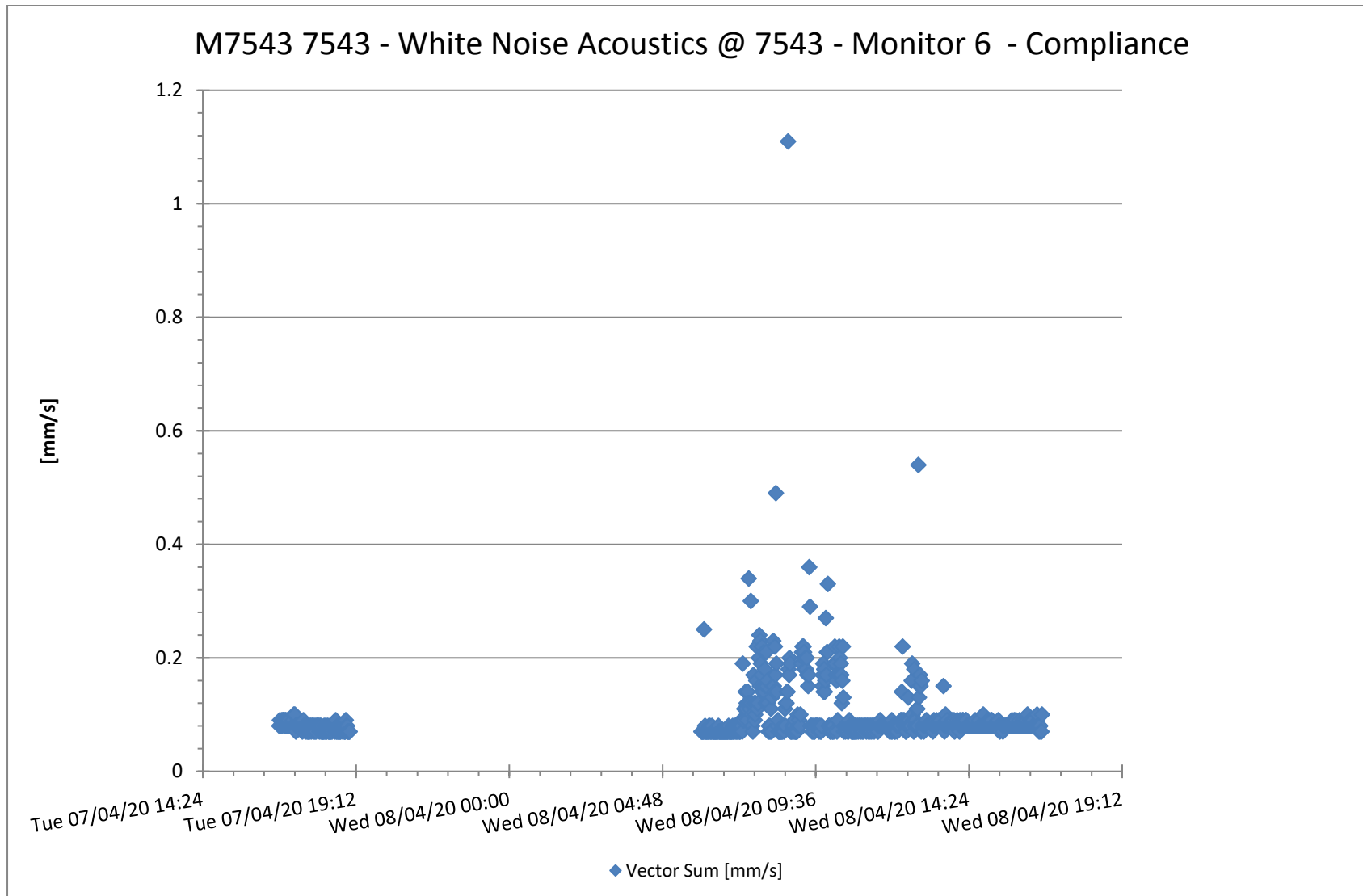
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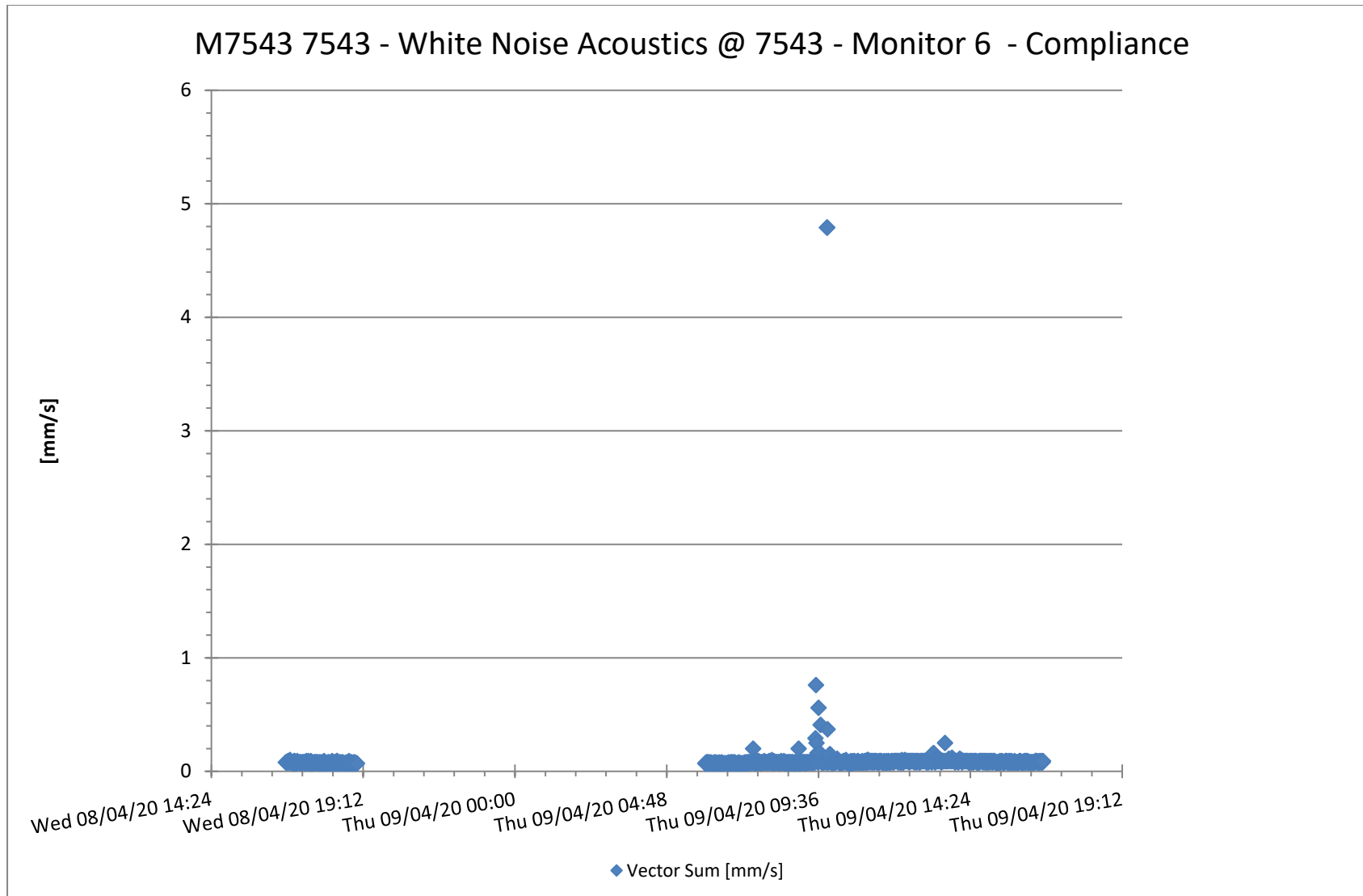
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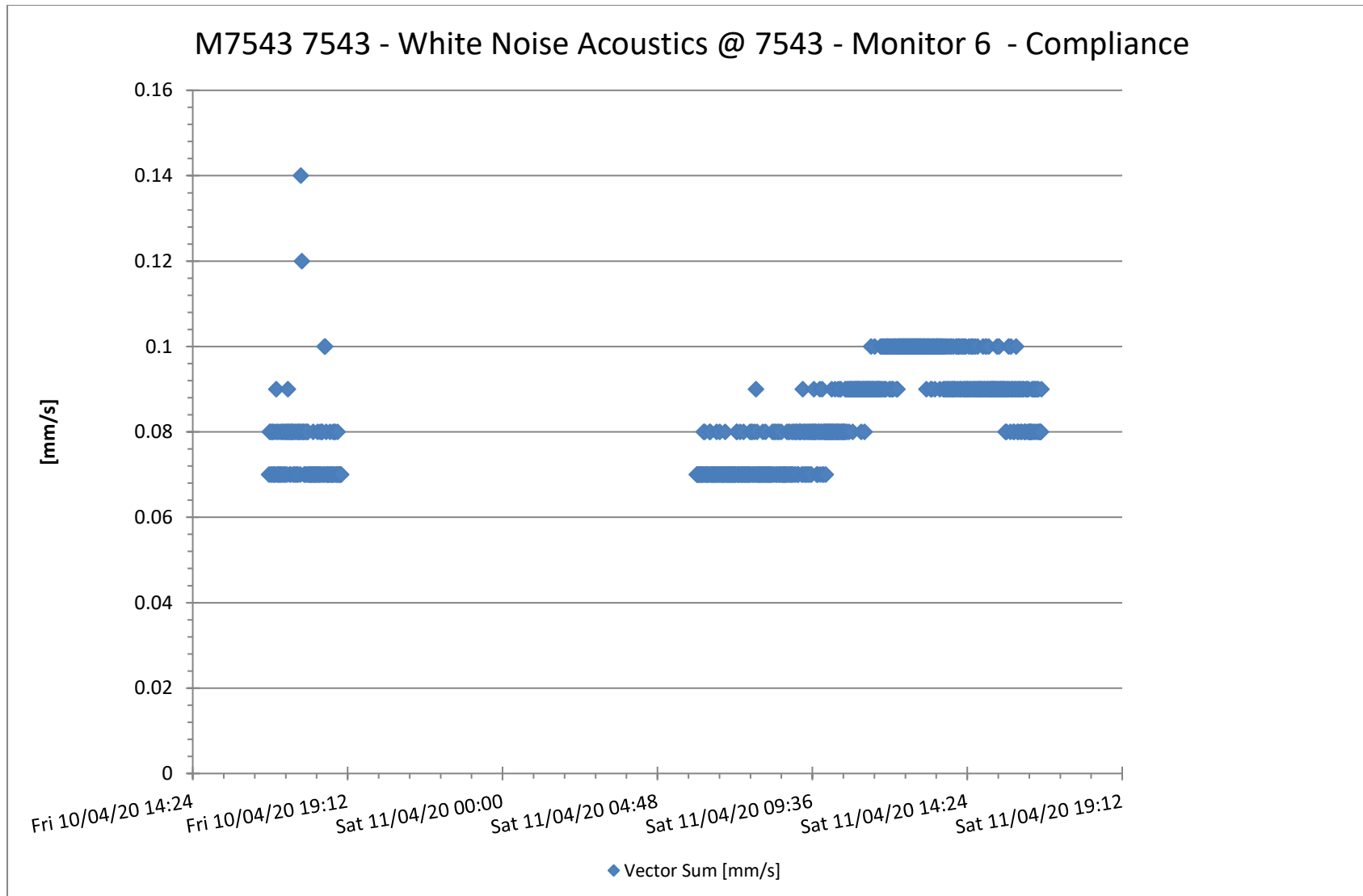
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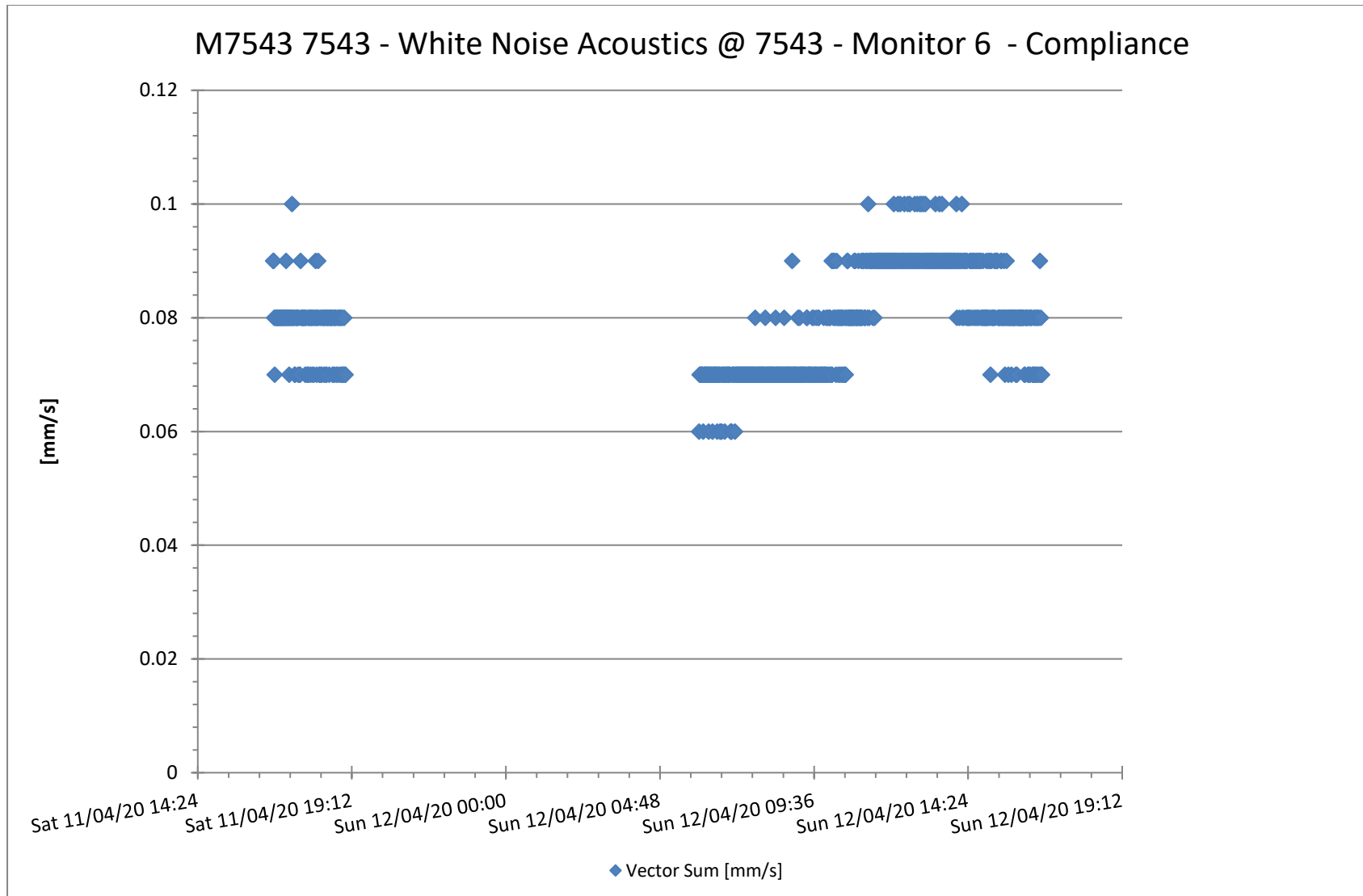
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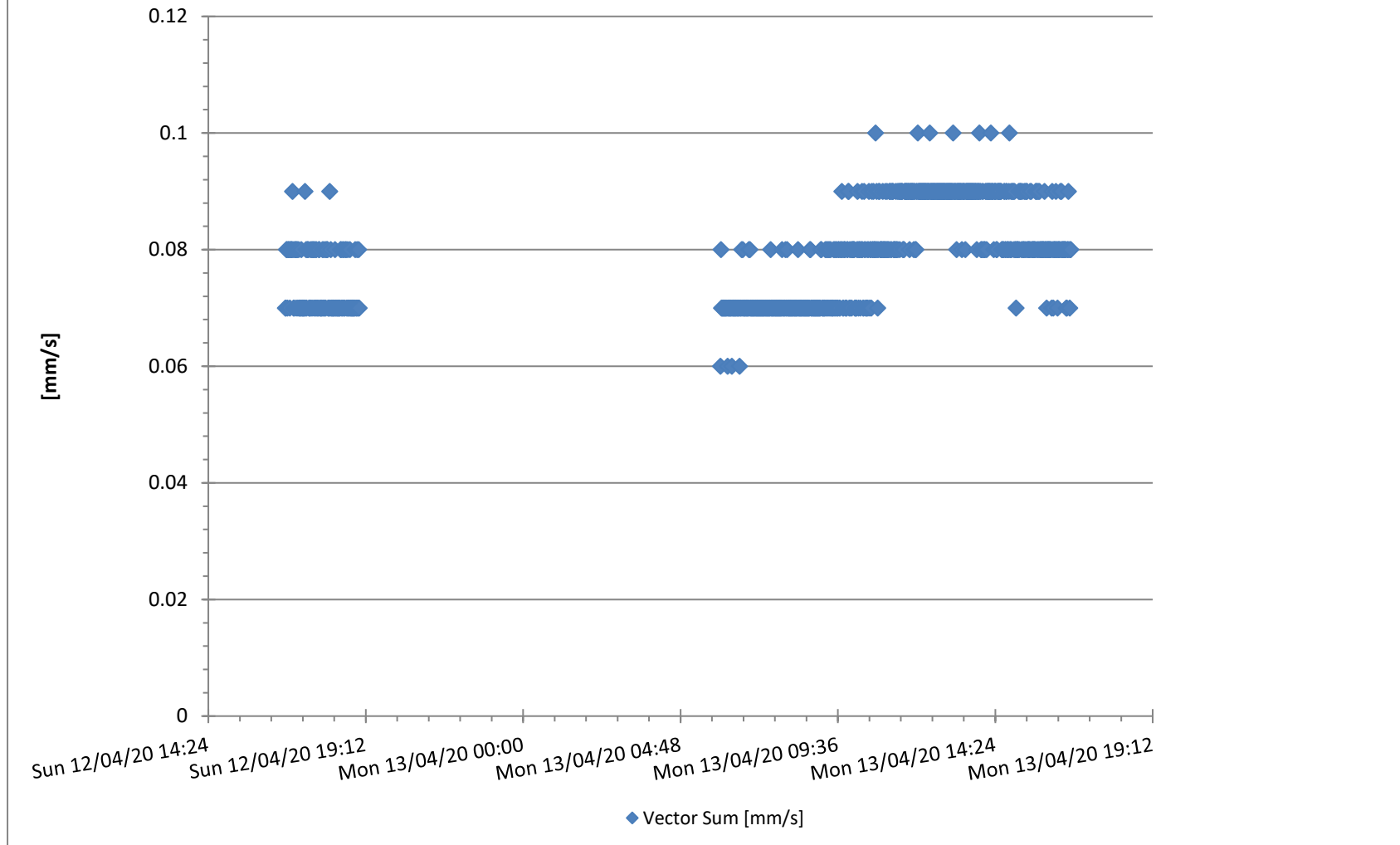
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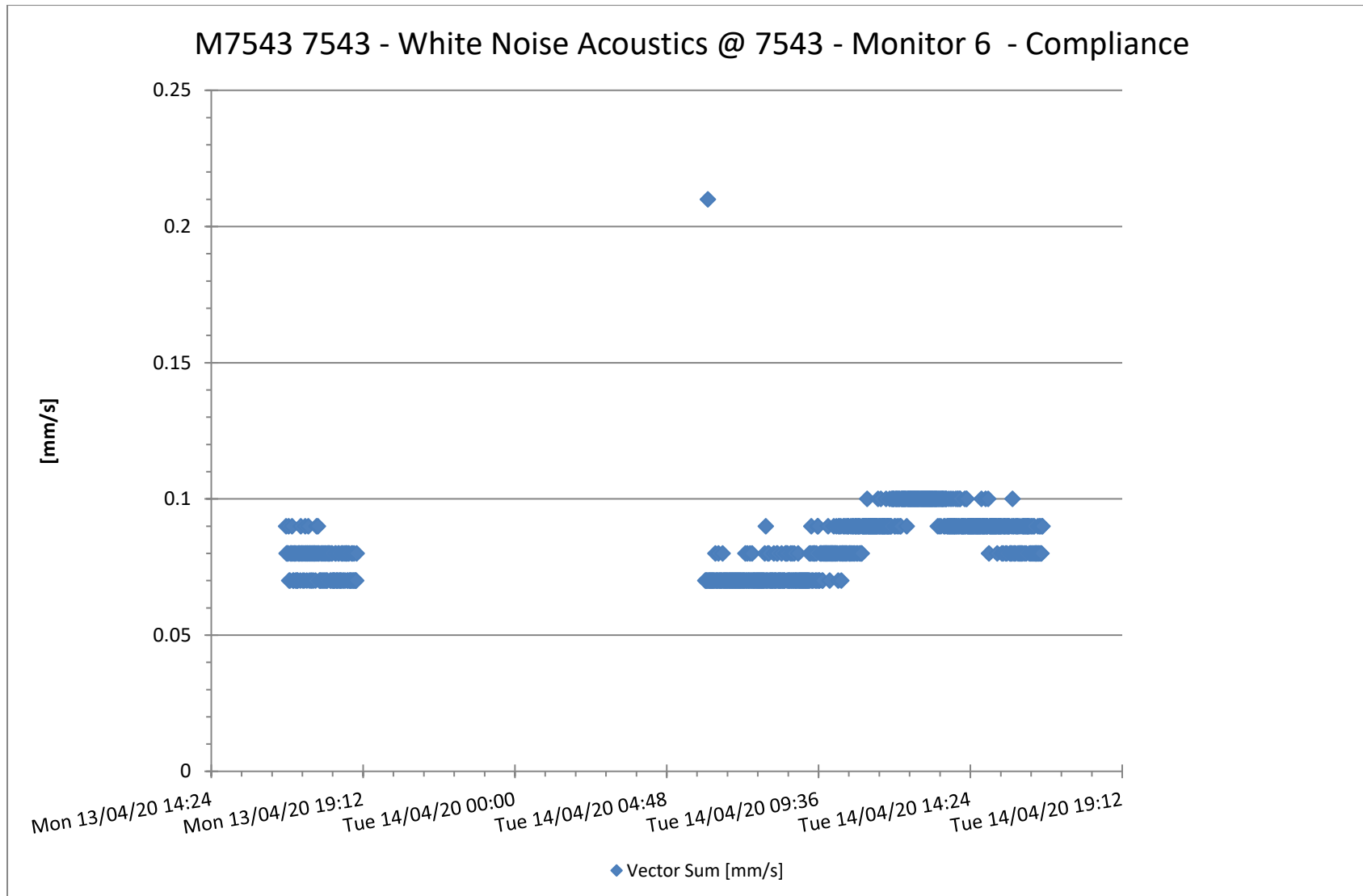
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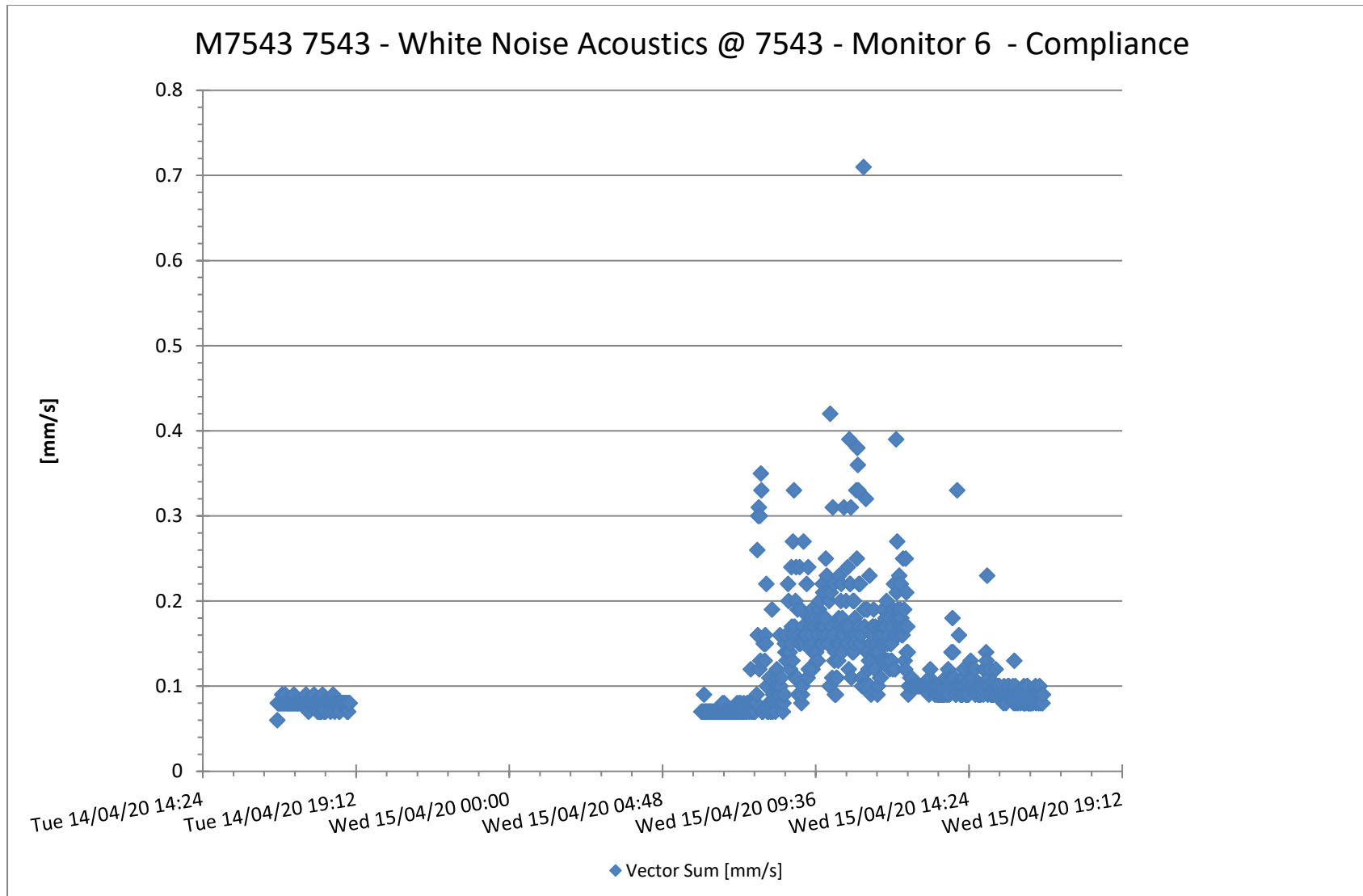
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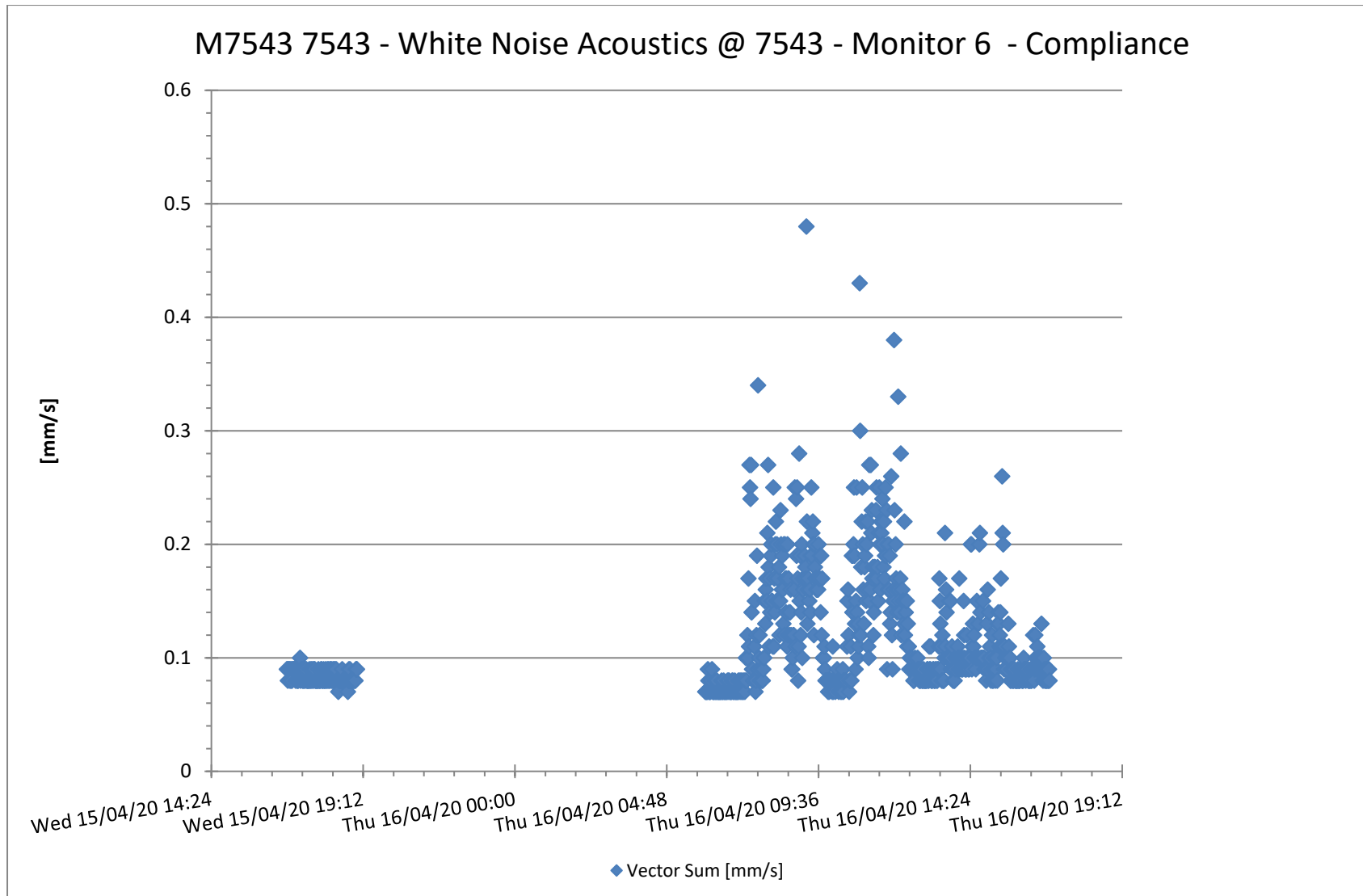
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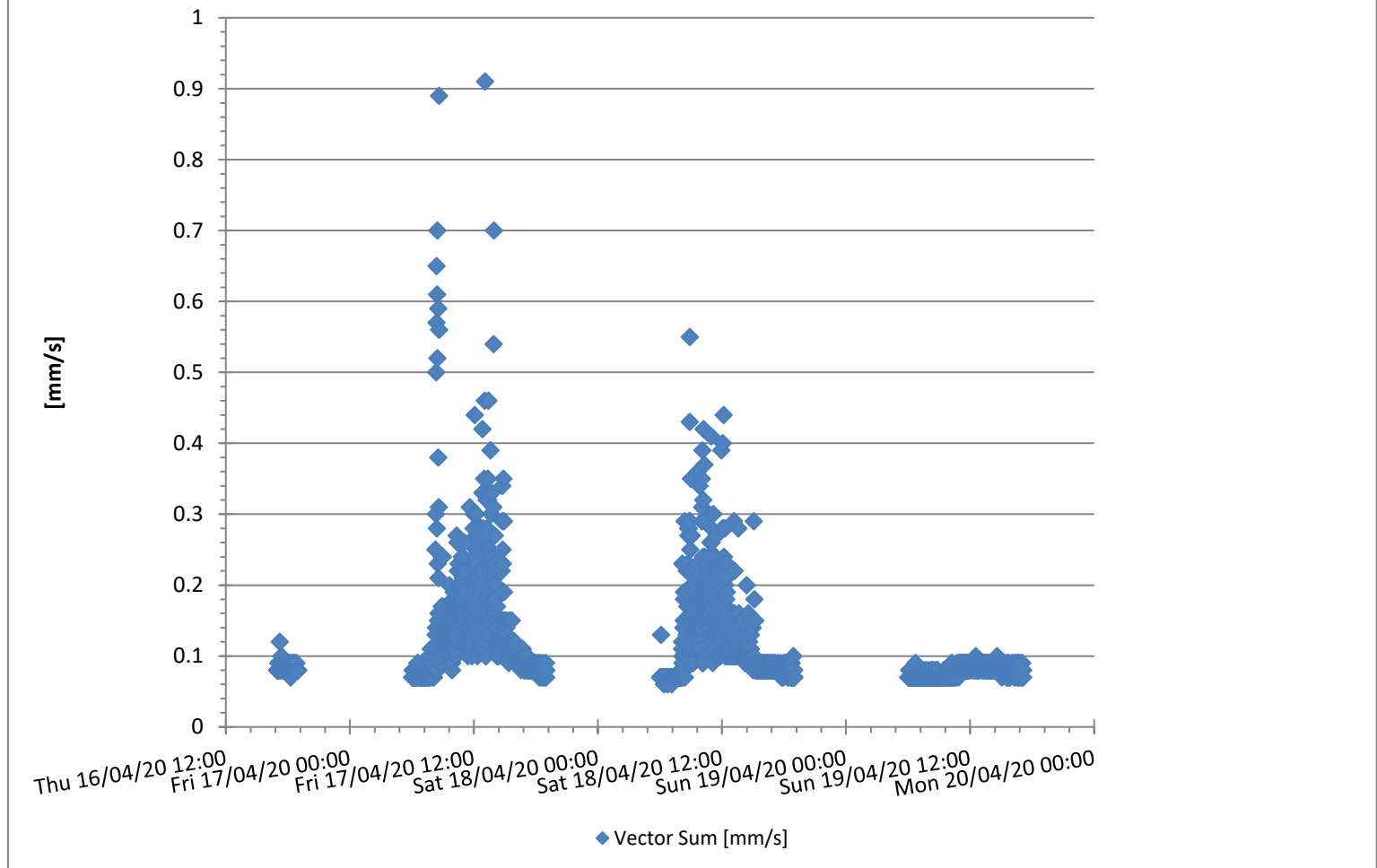
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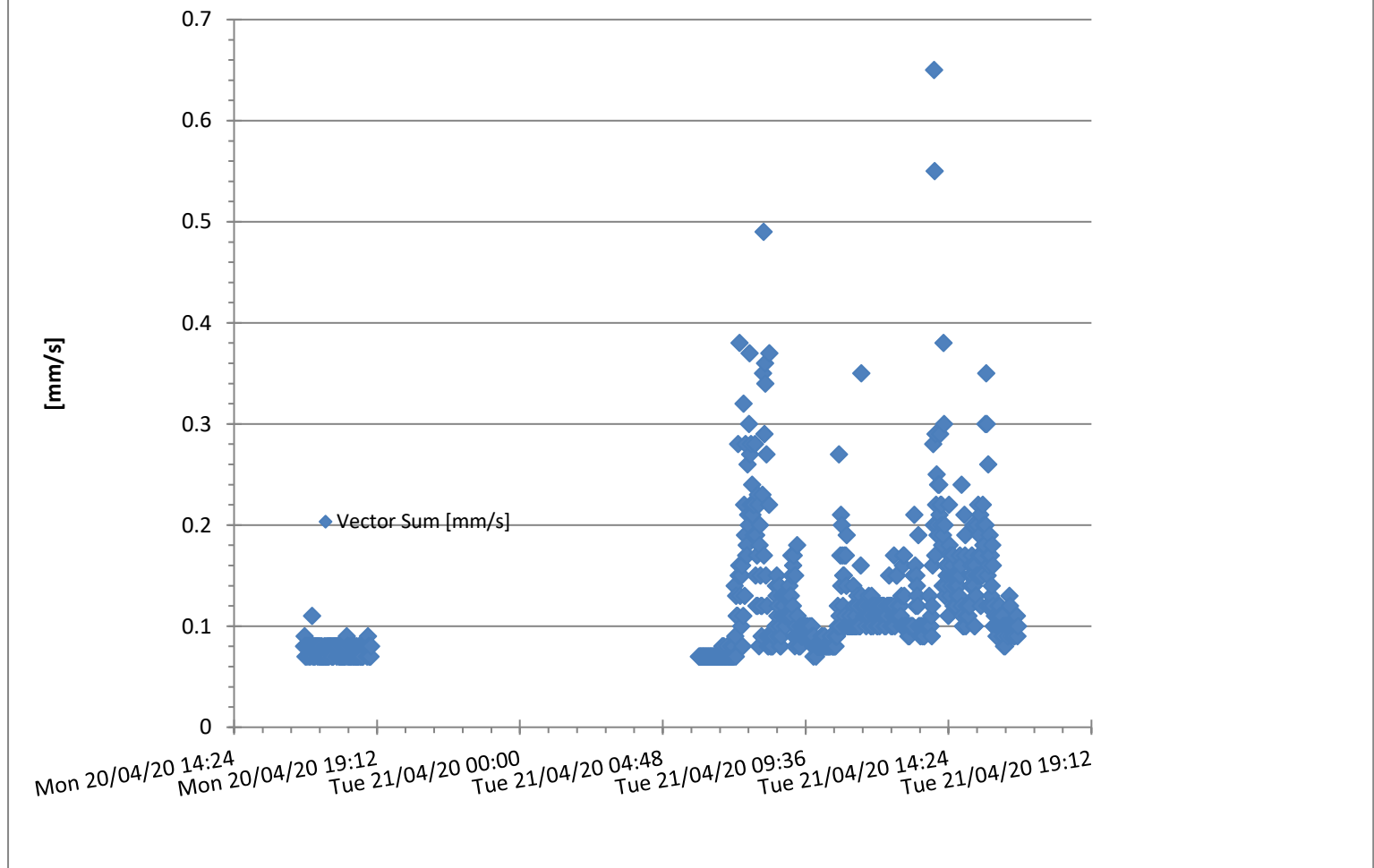
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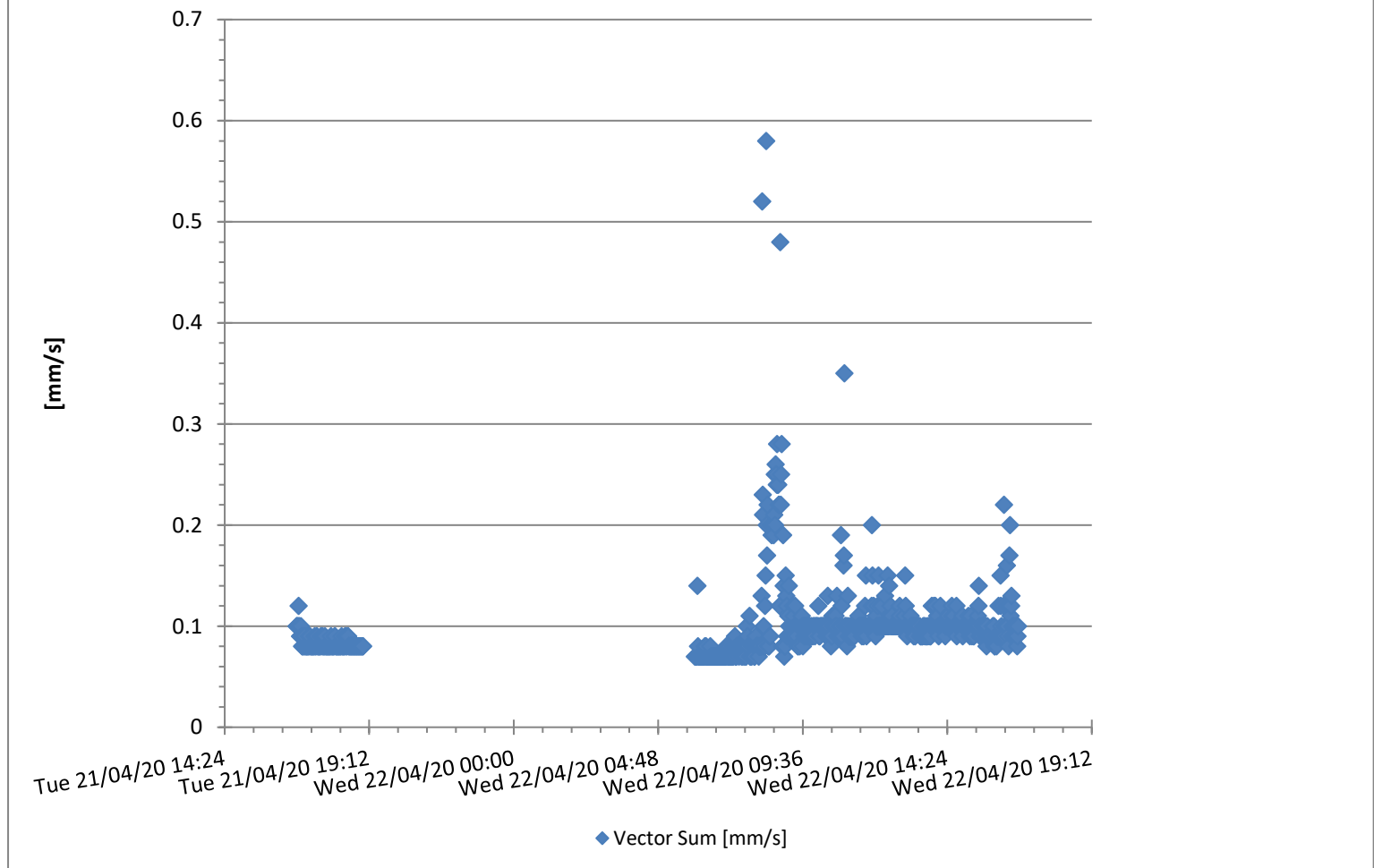
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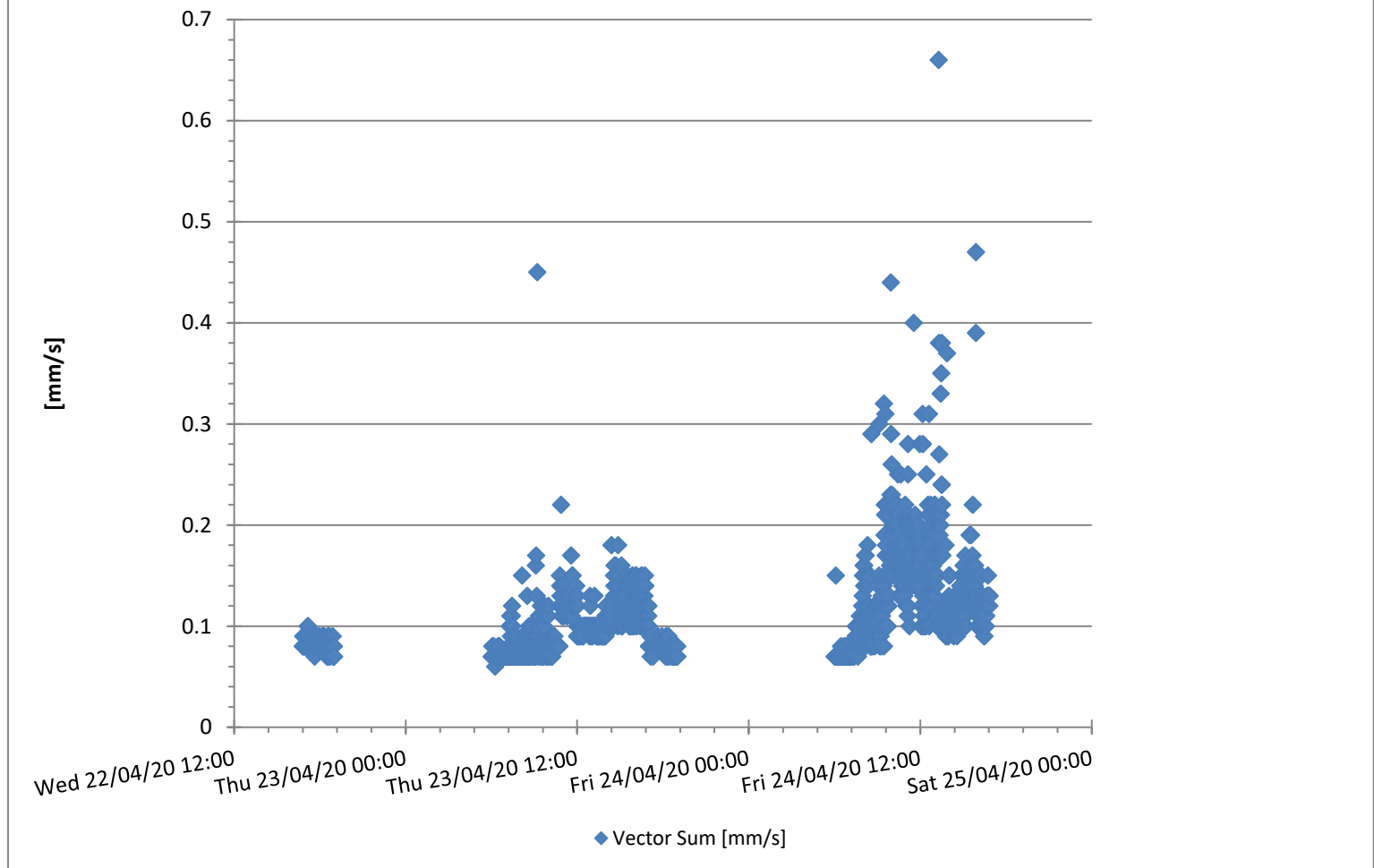
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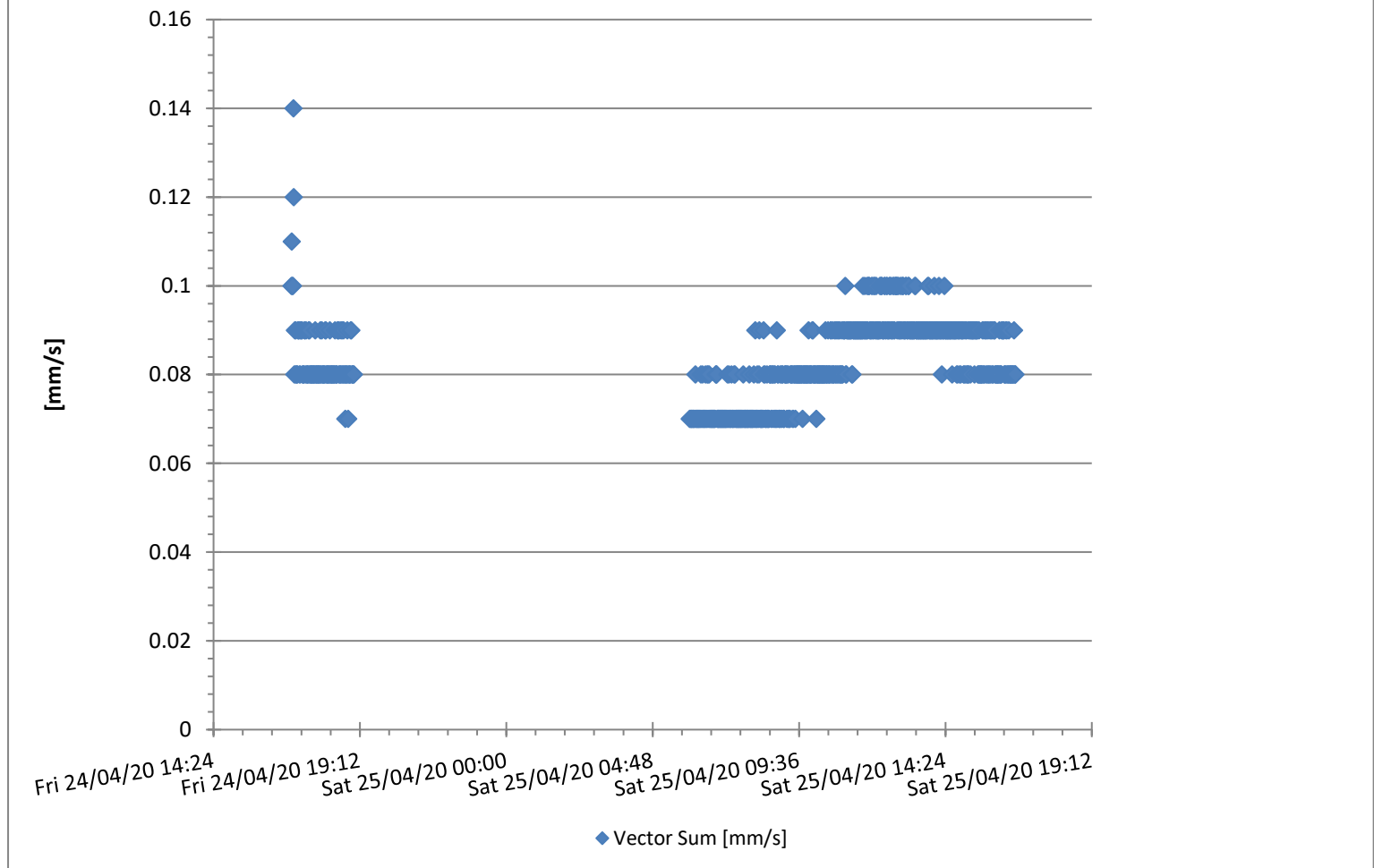
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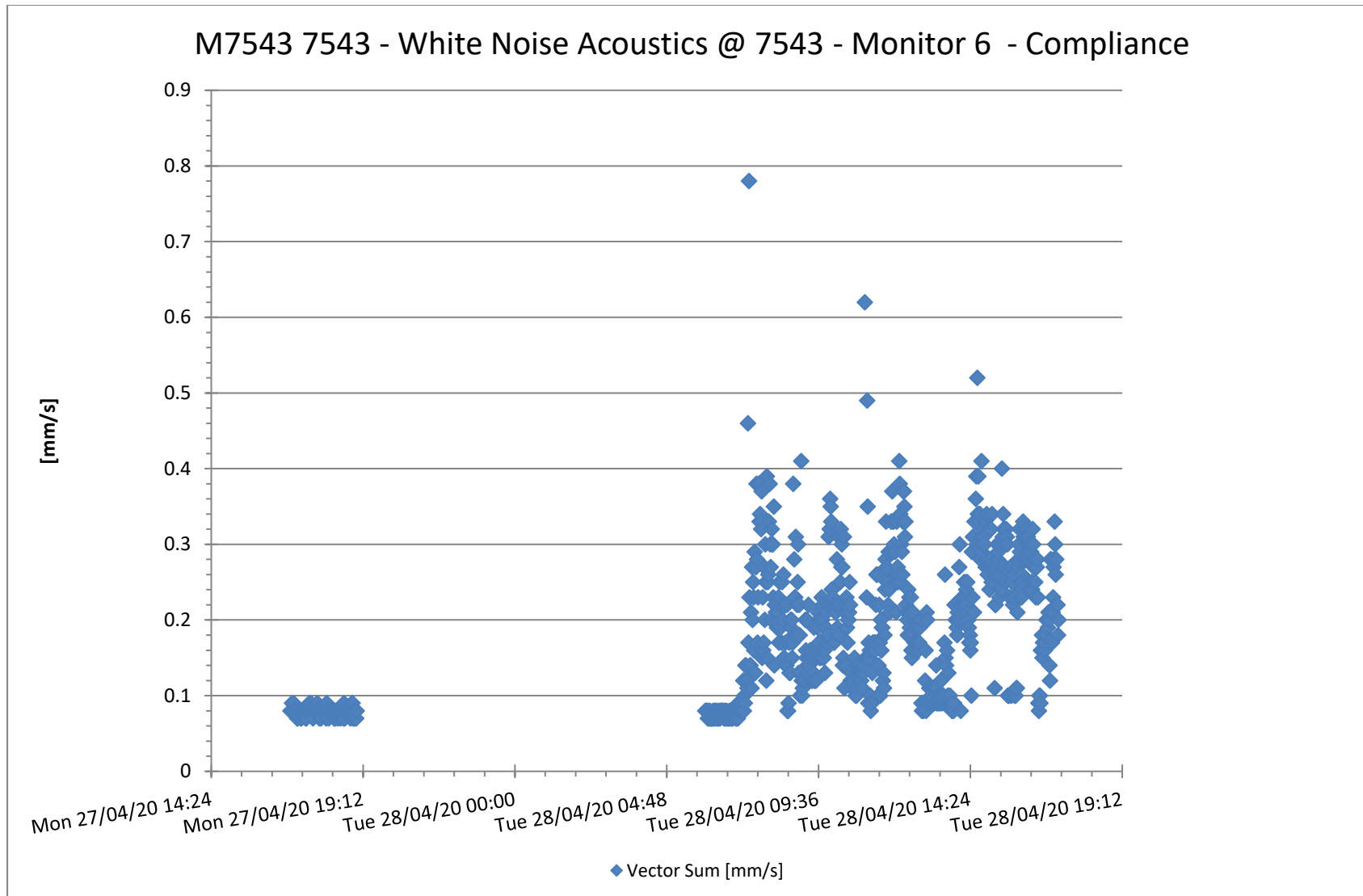
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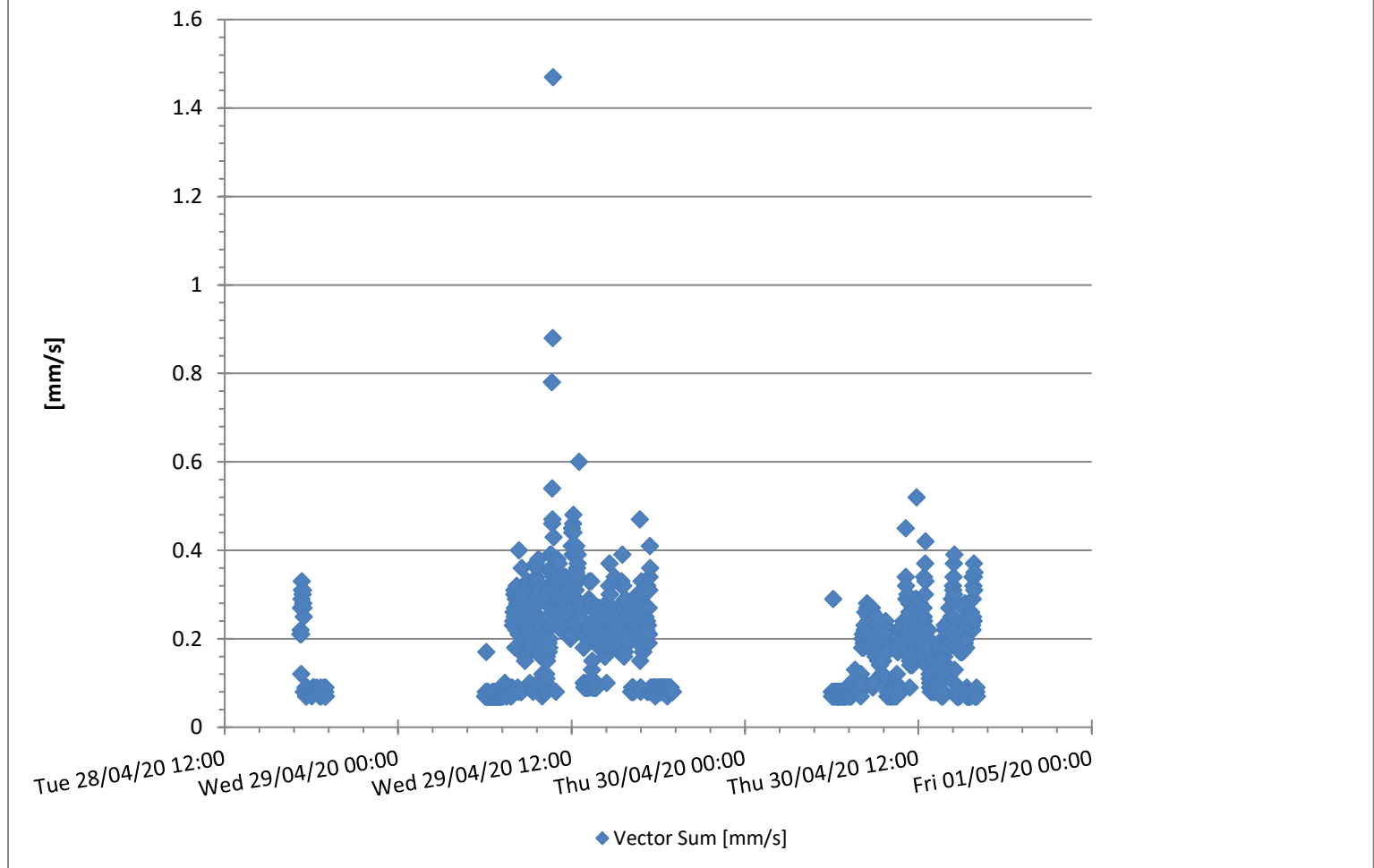
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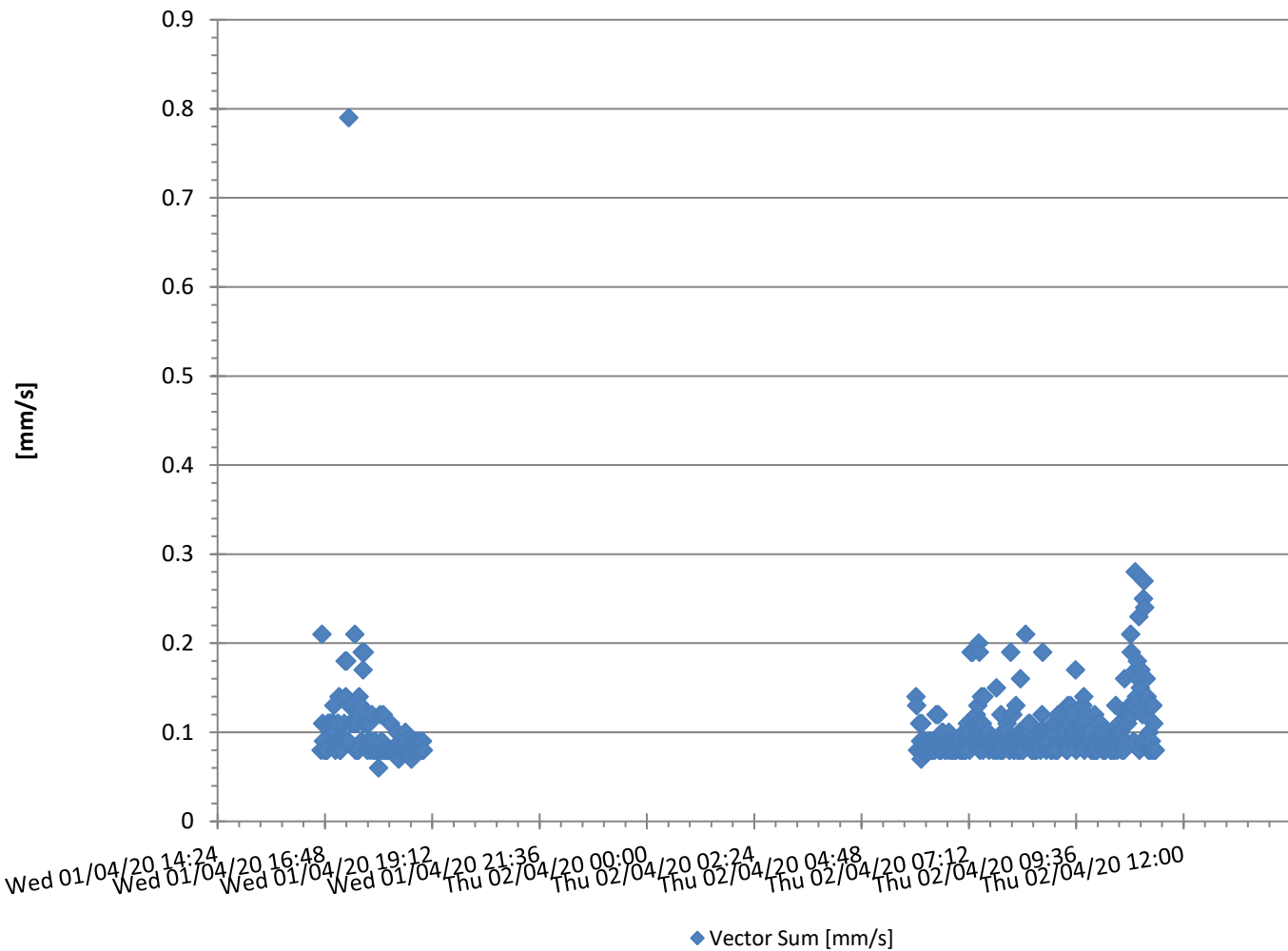


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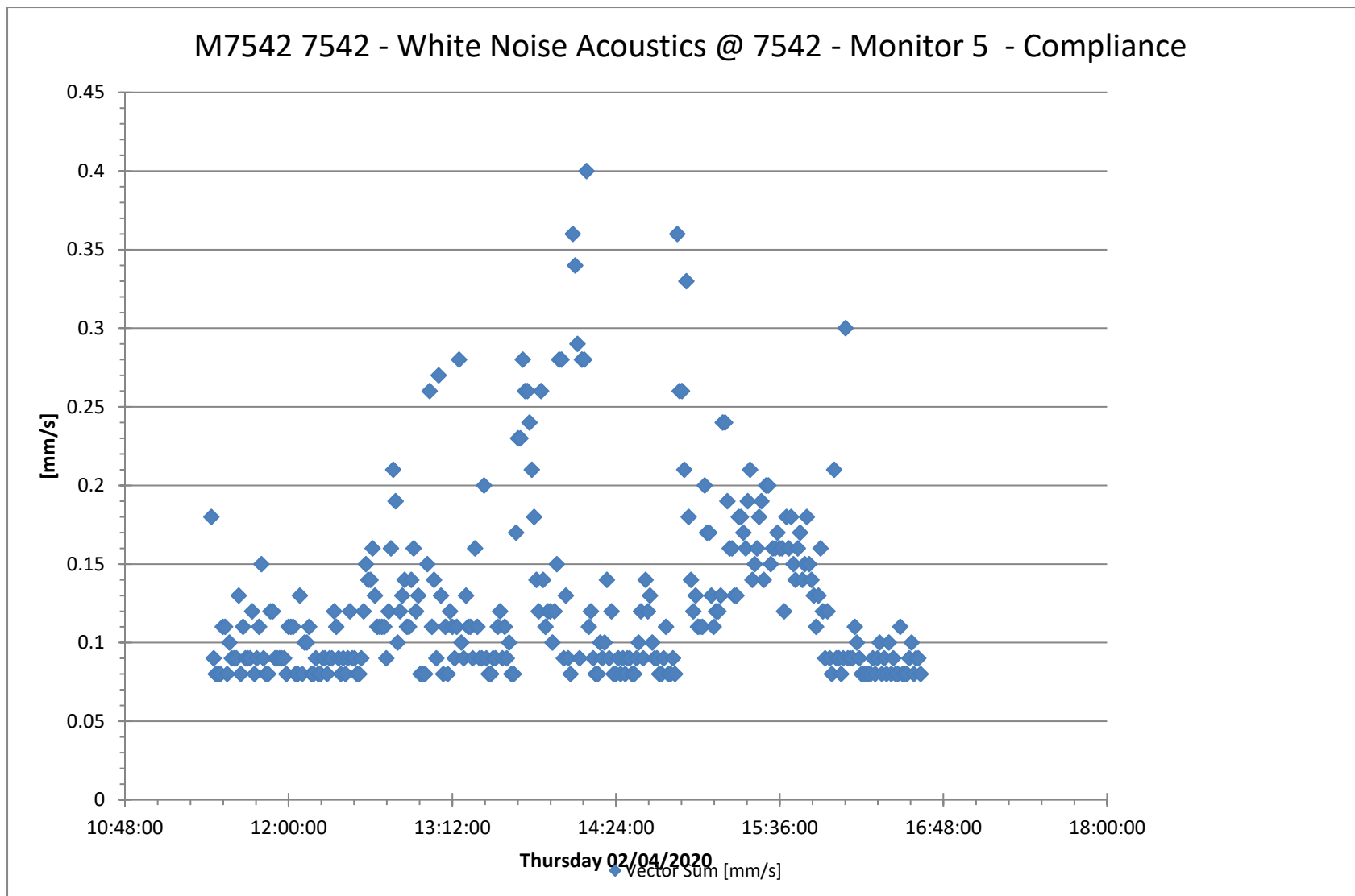


9 Appendix C –Logger Location 2 – Monitor M7542

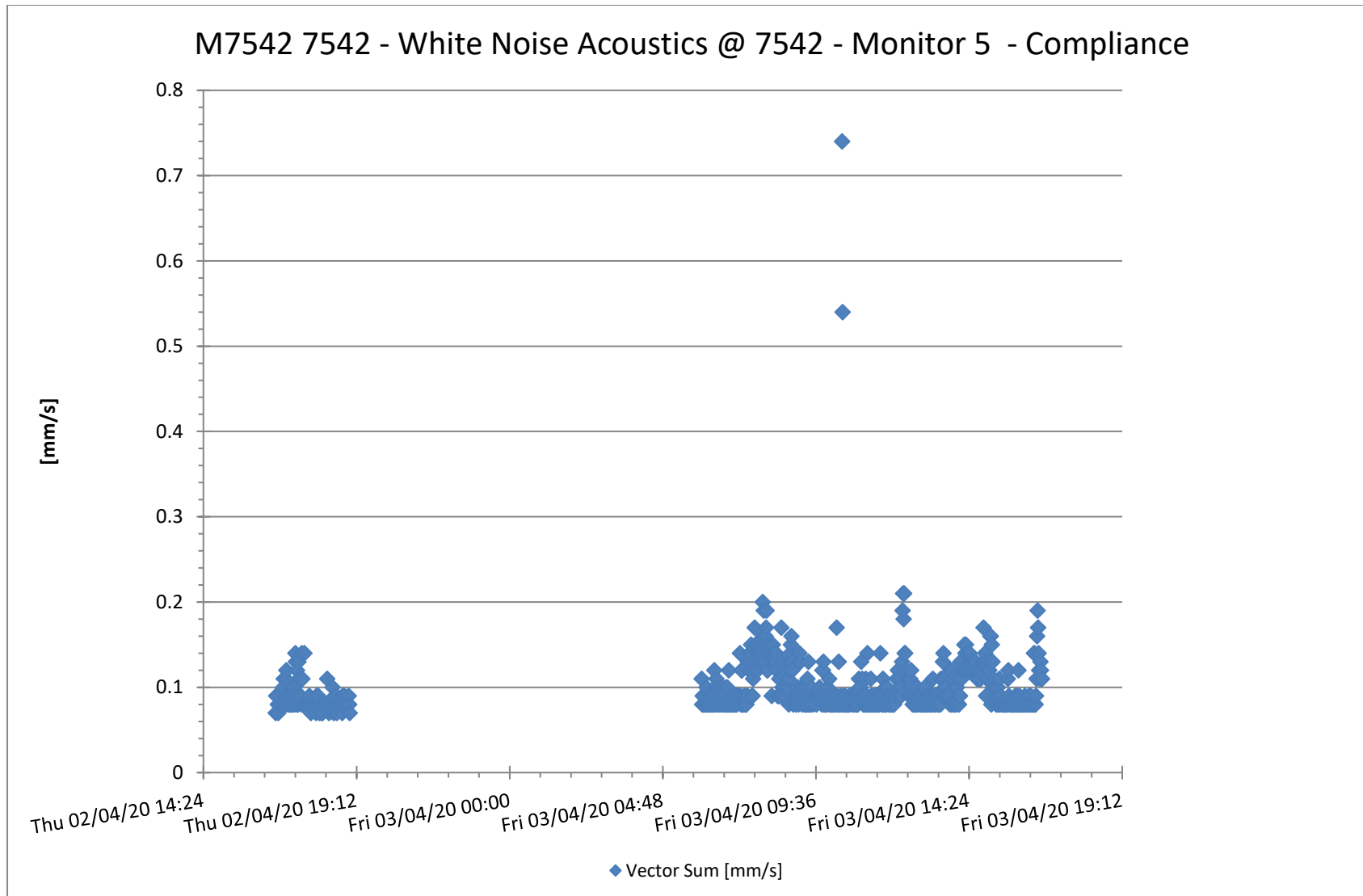
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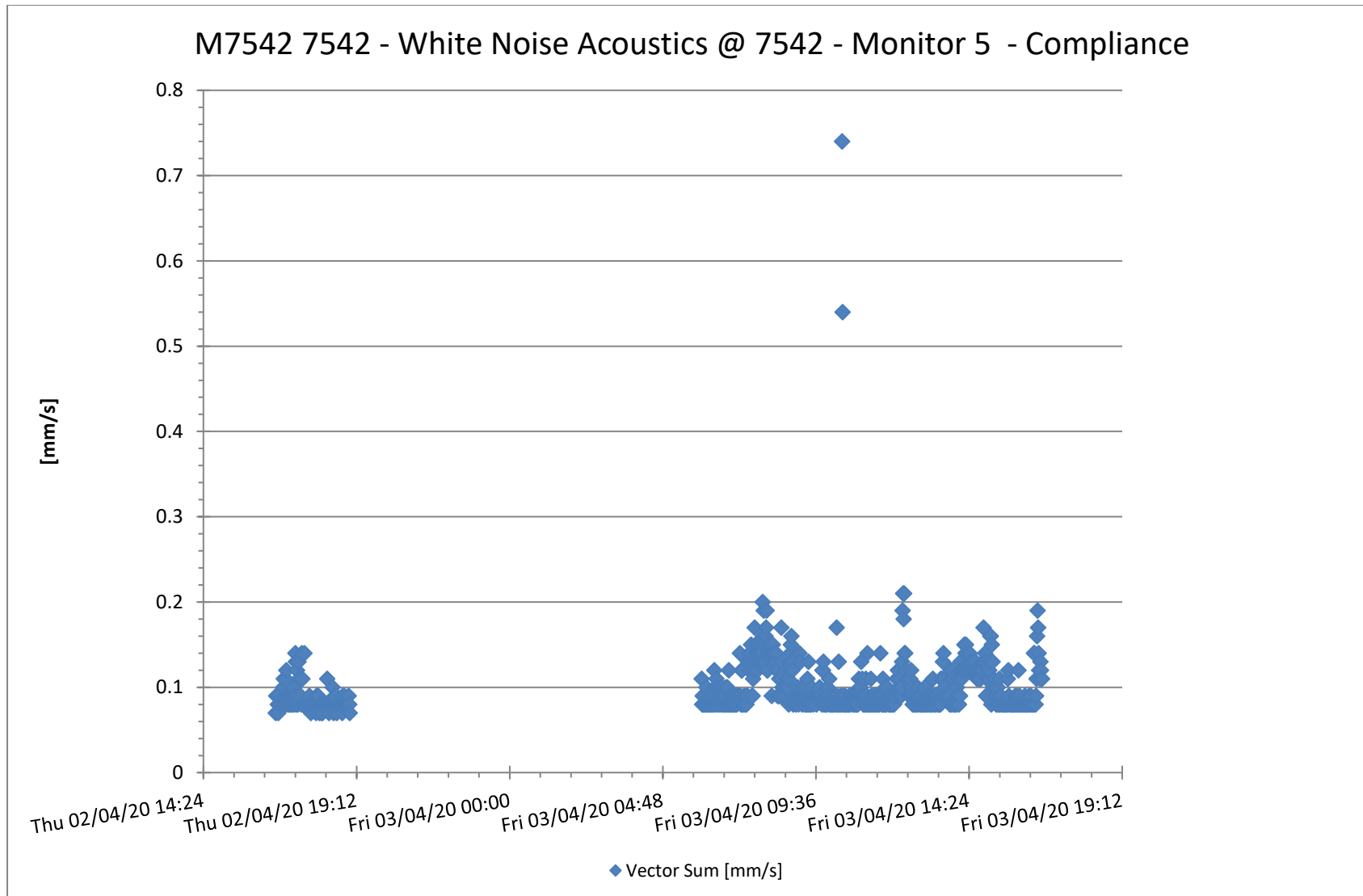
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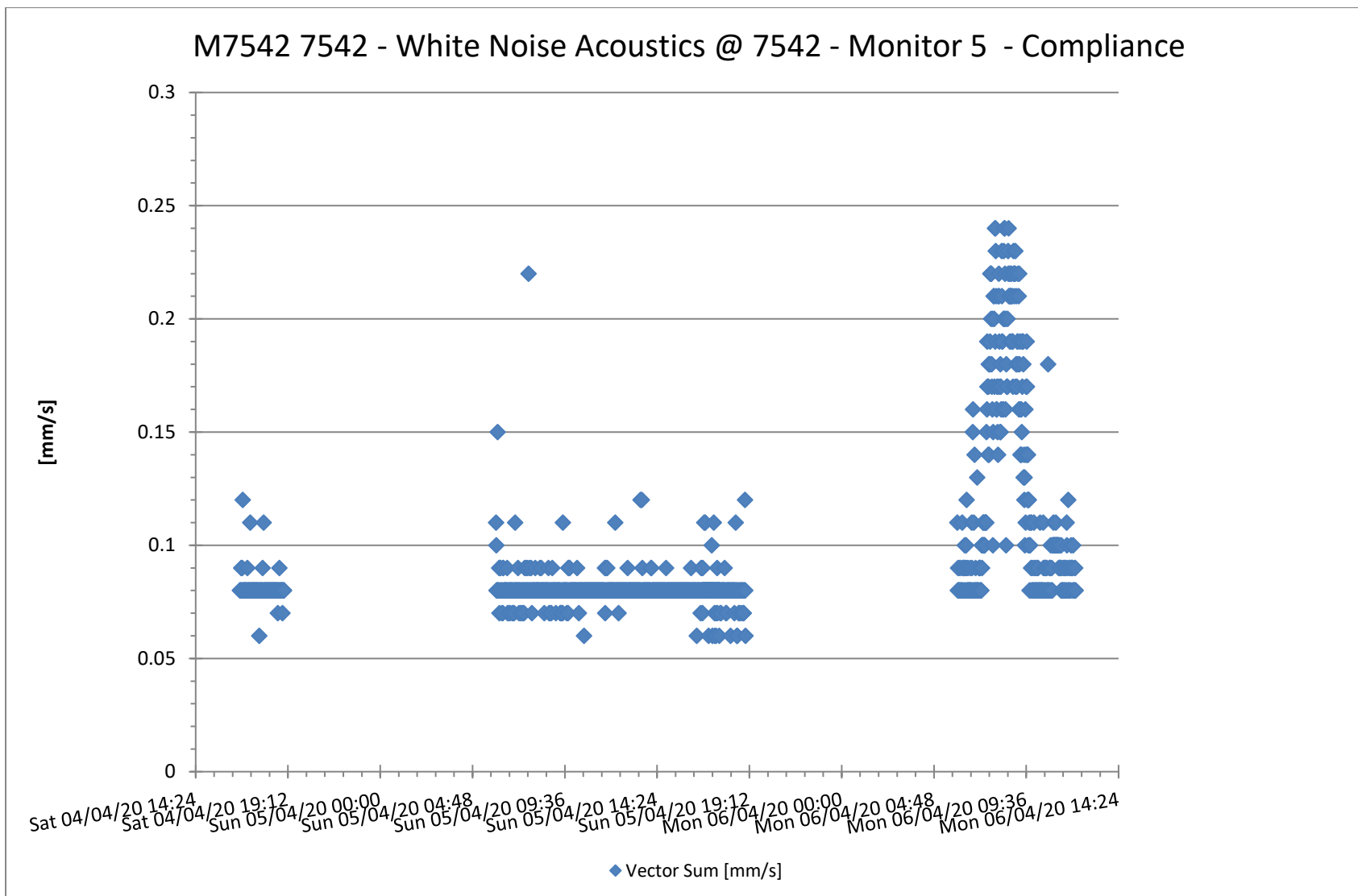
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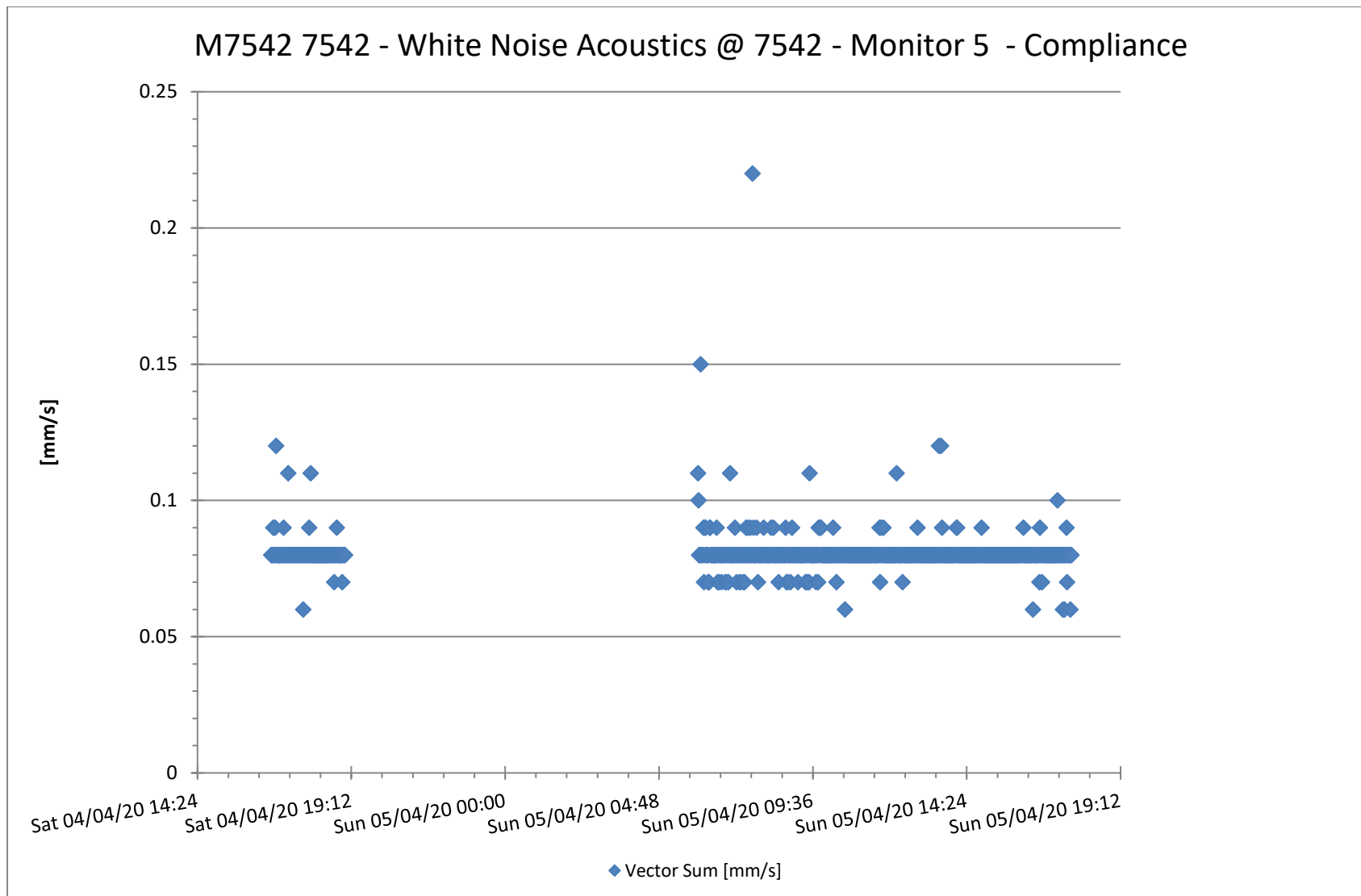
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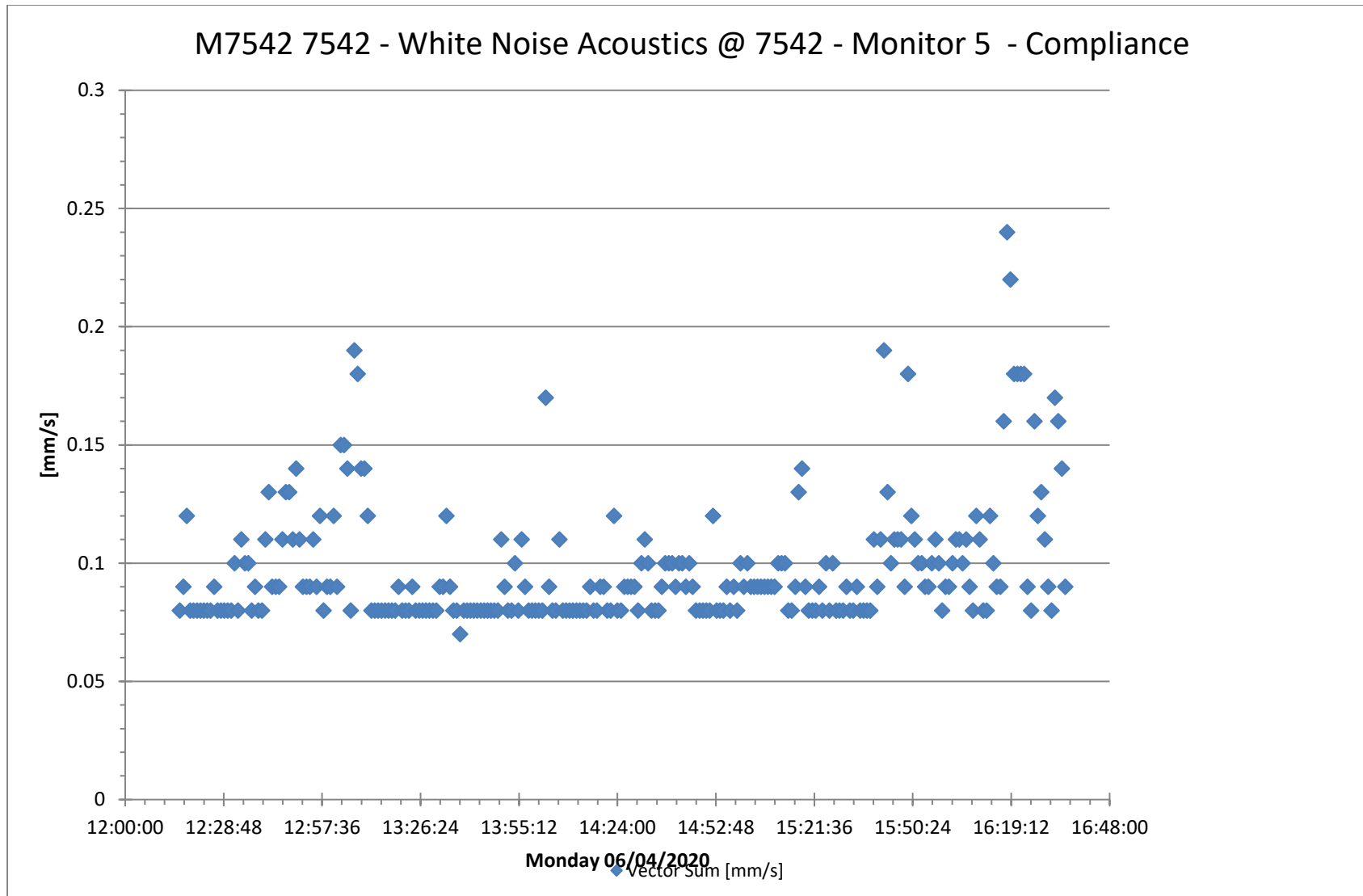
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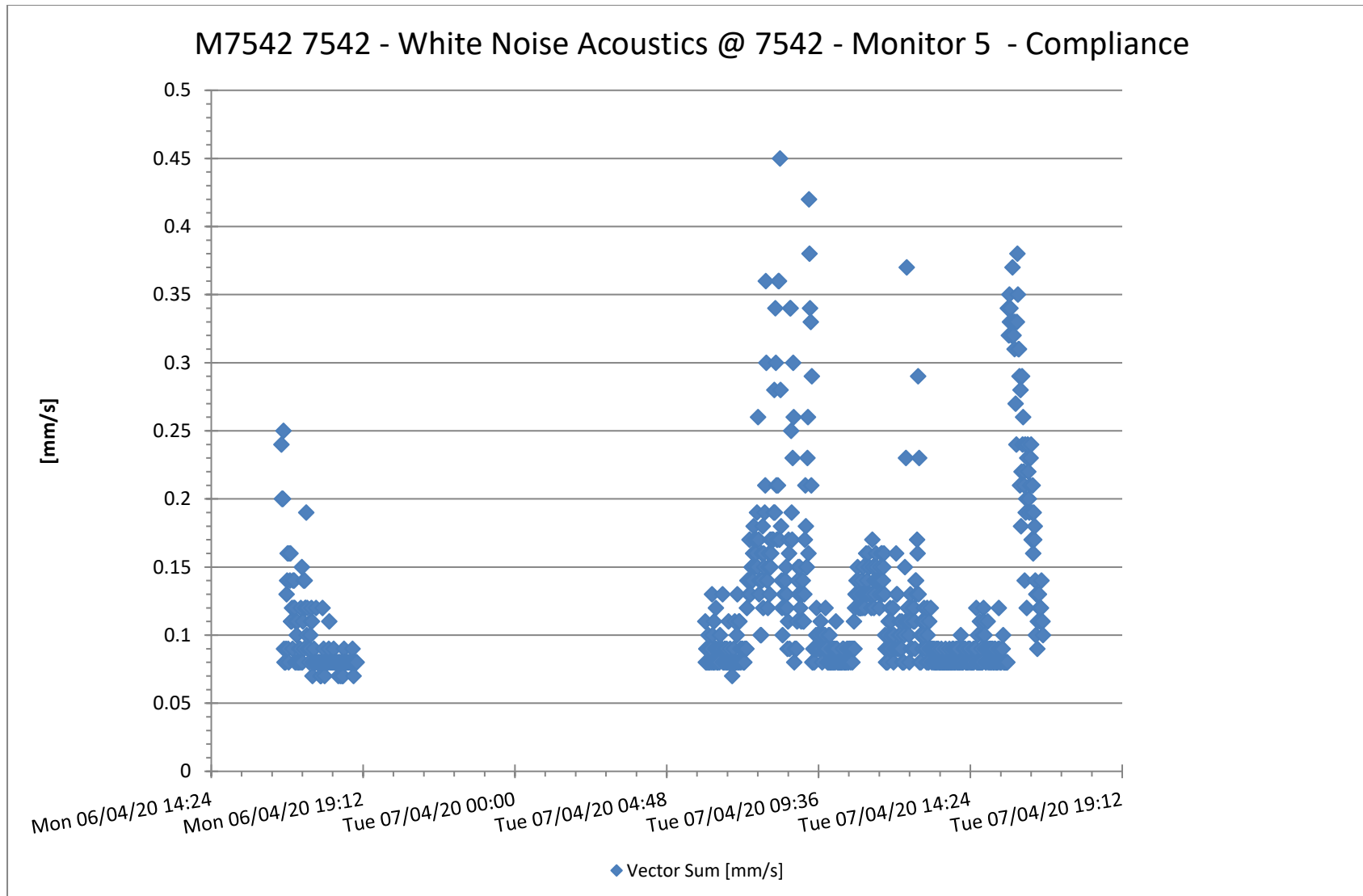
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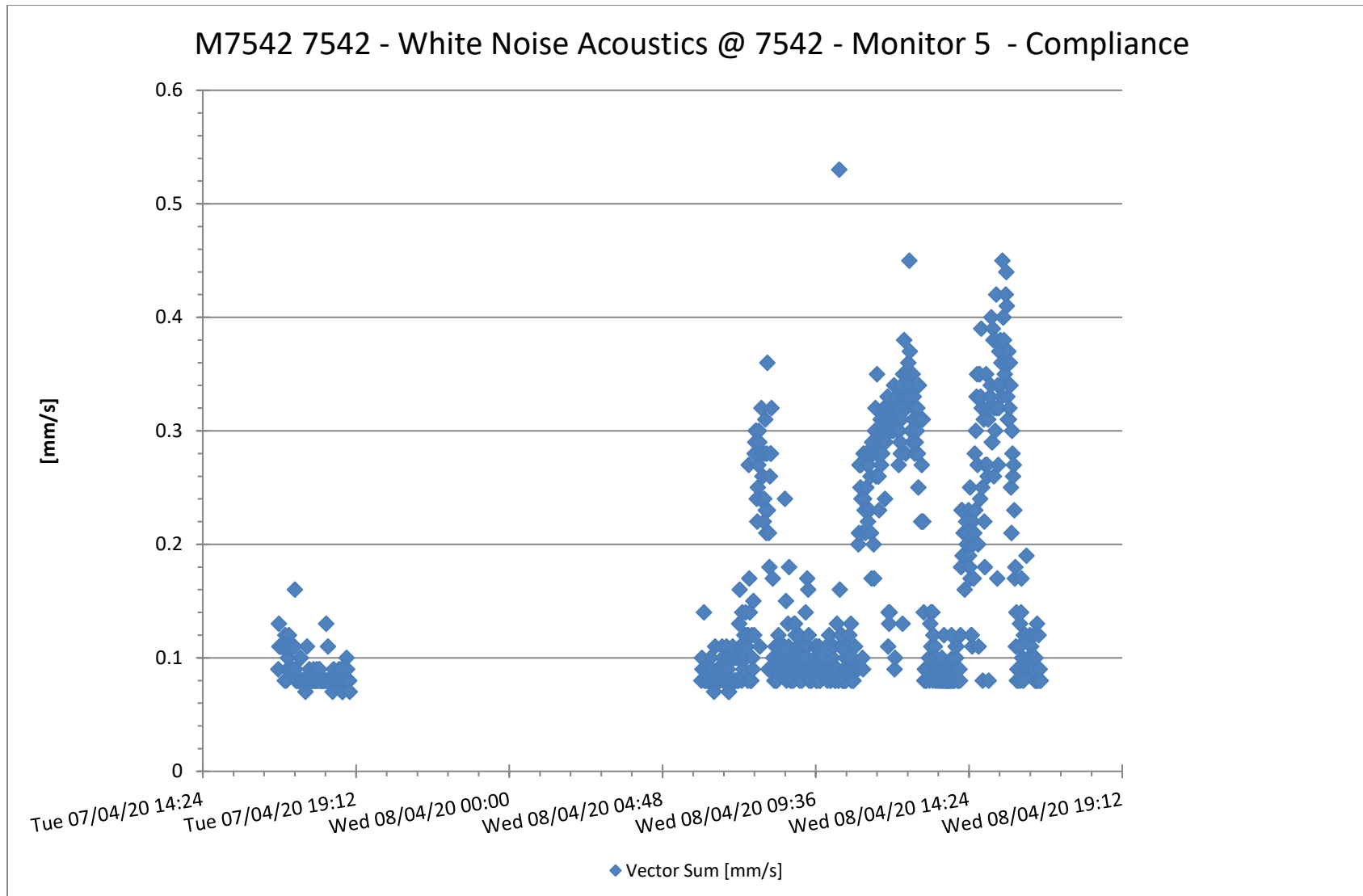
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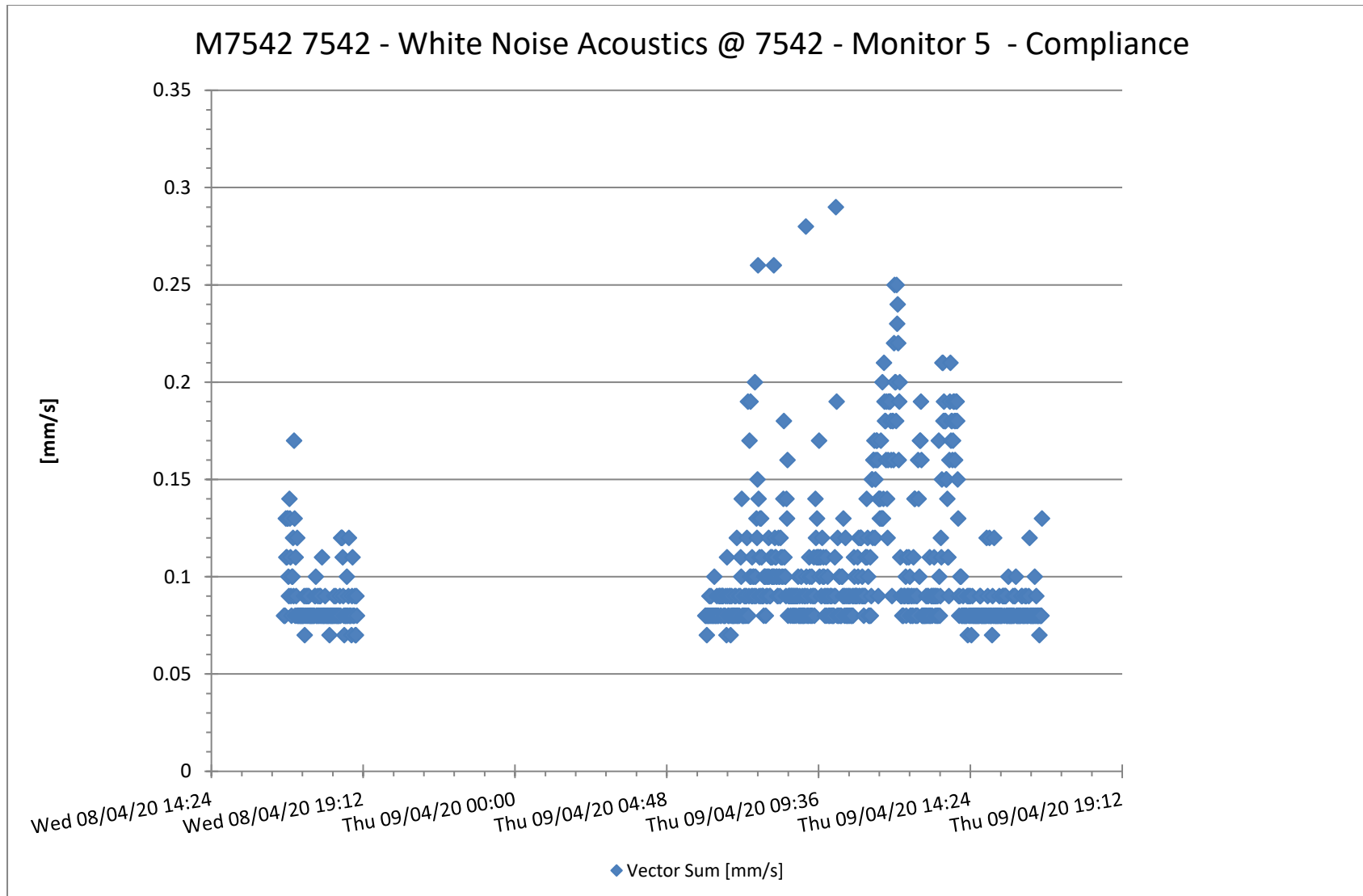
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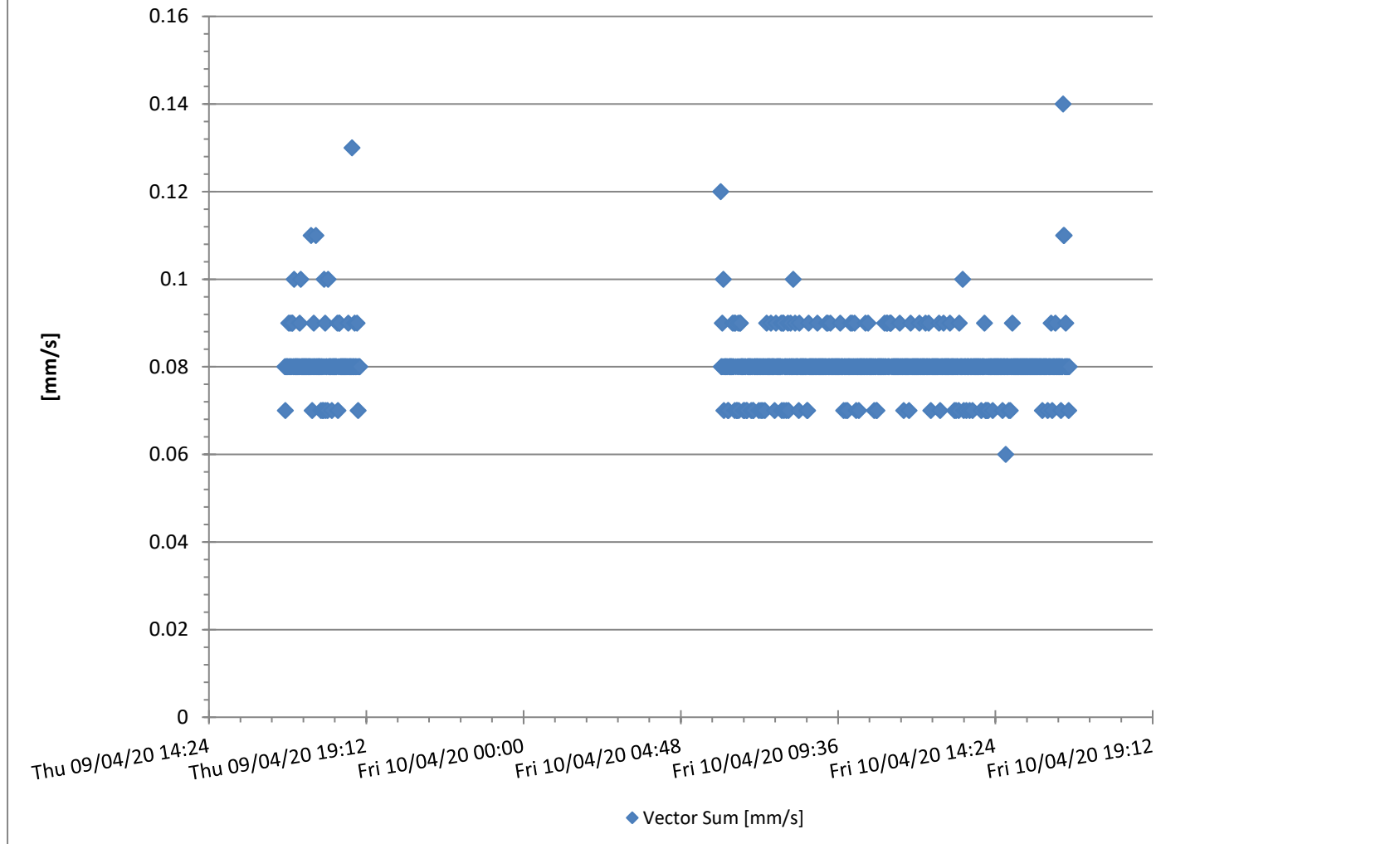
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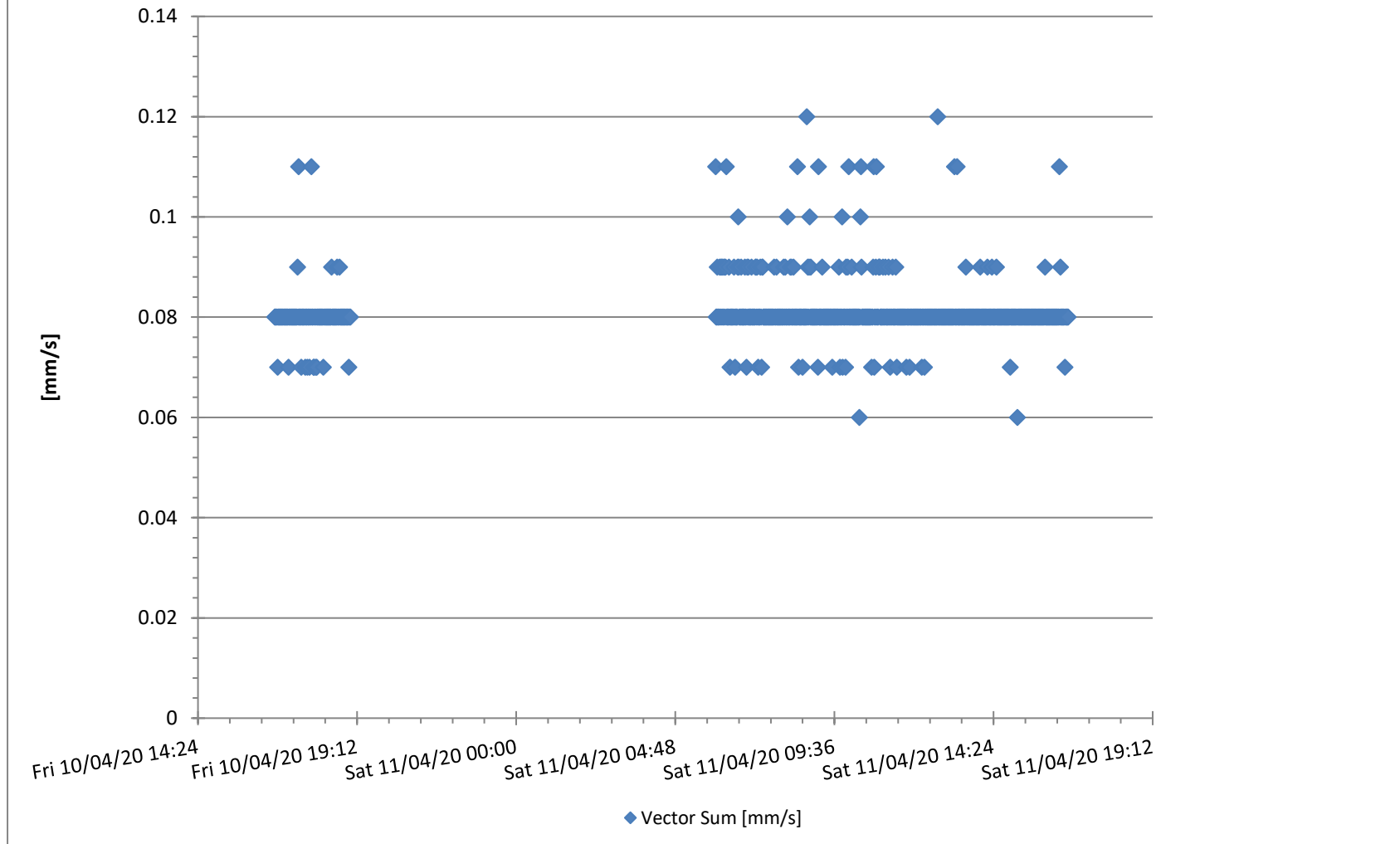
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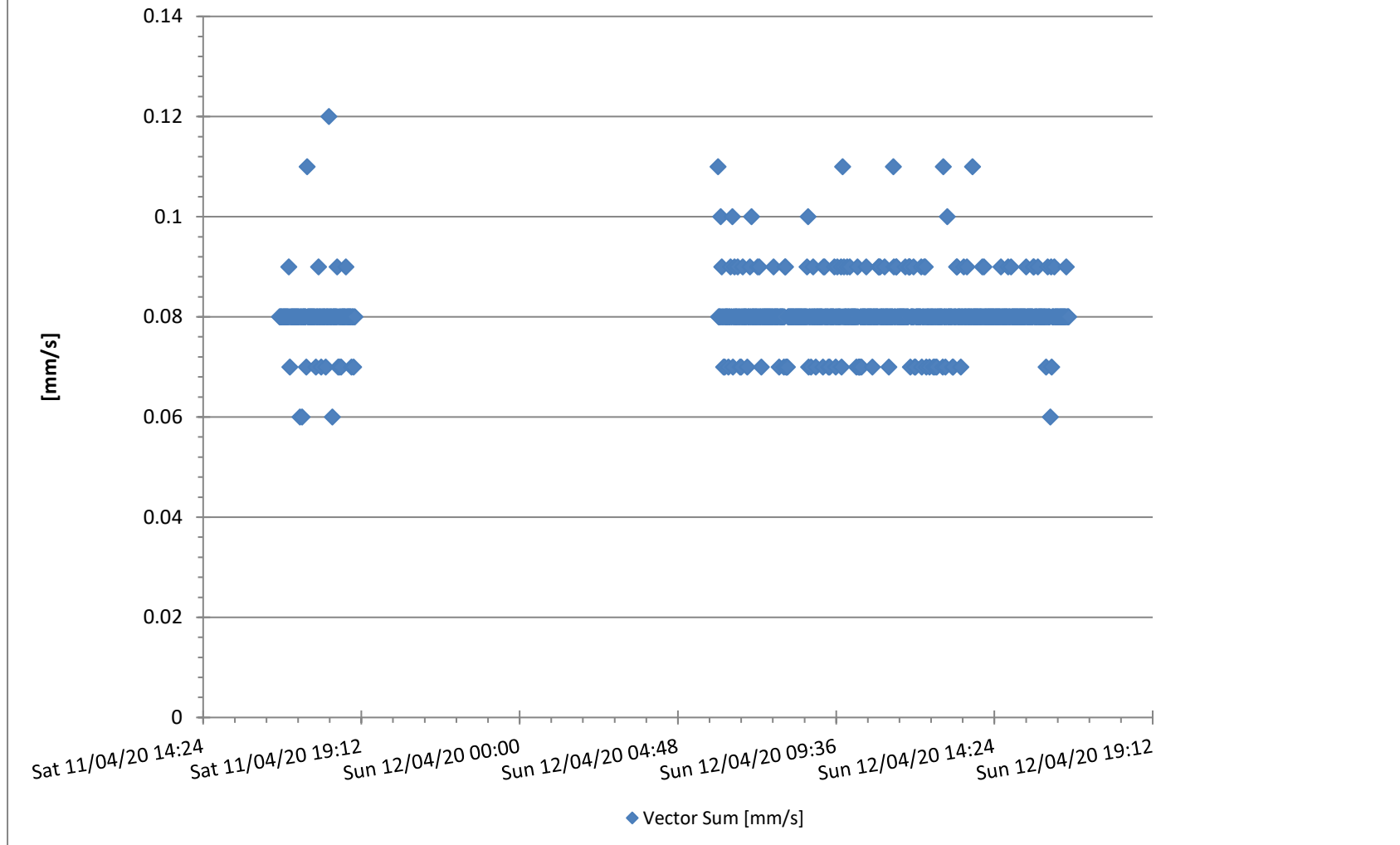
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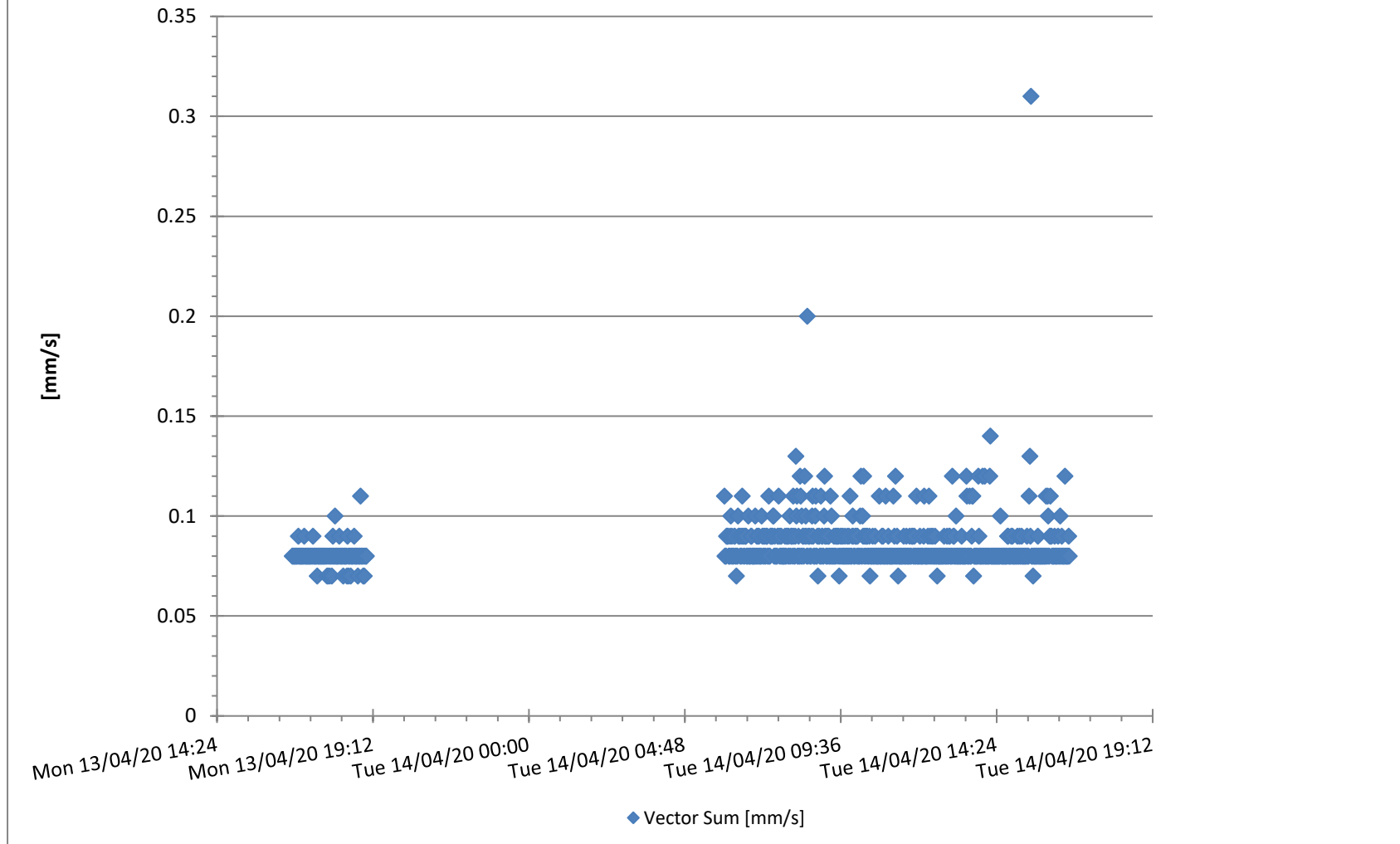
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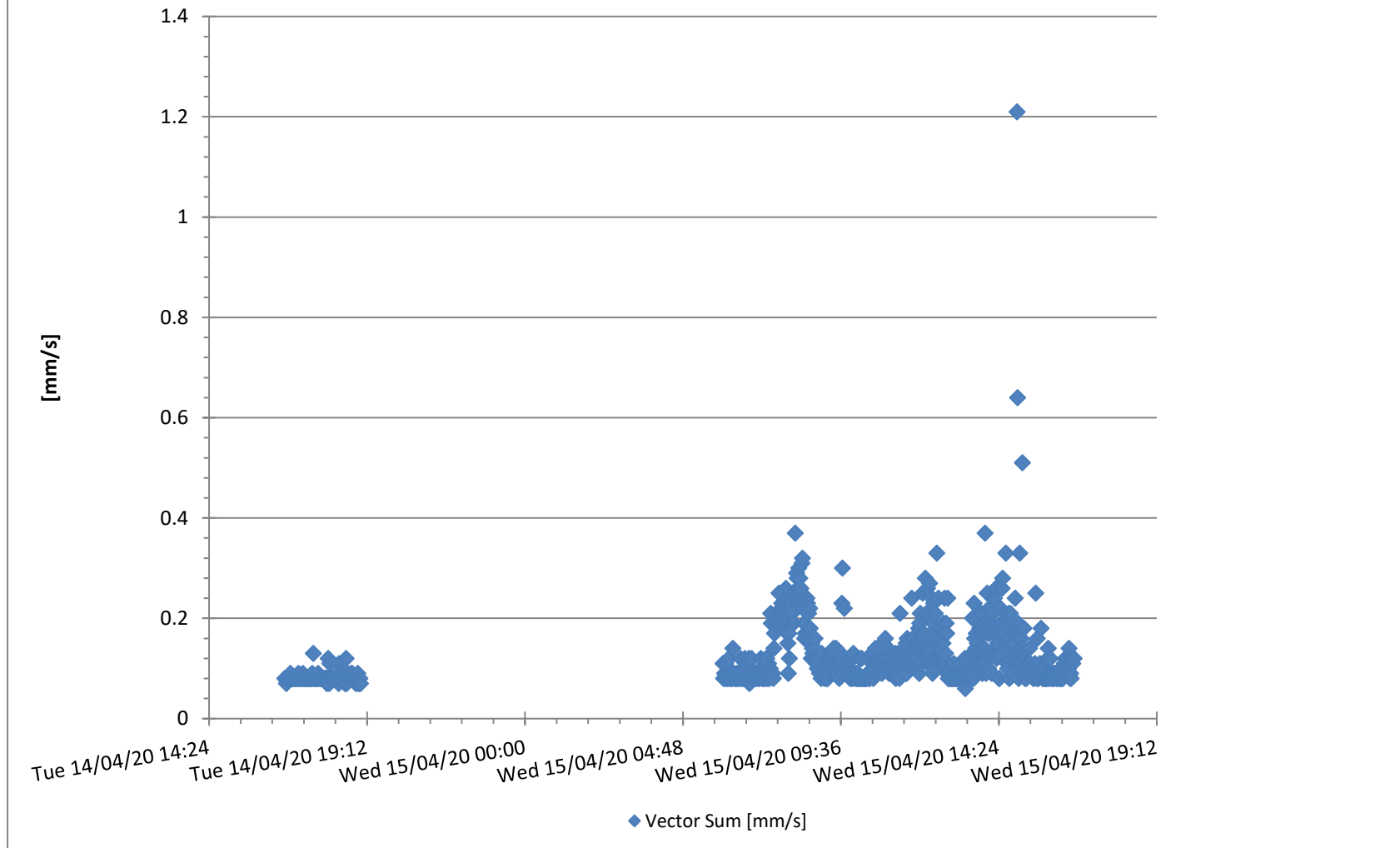
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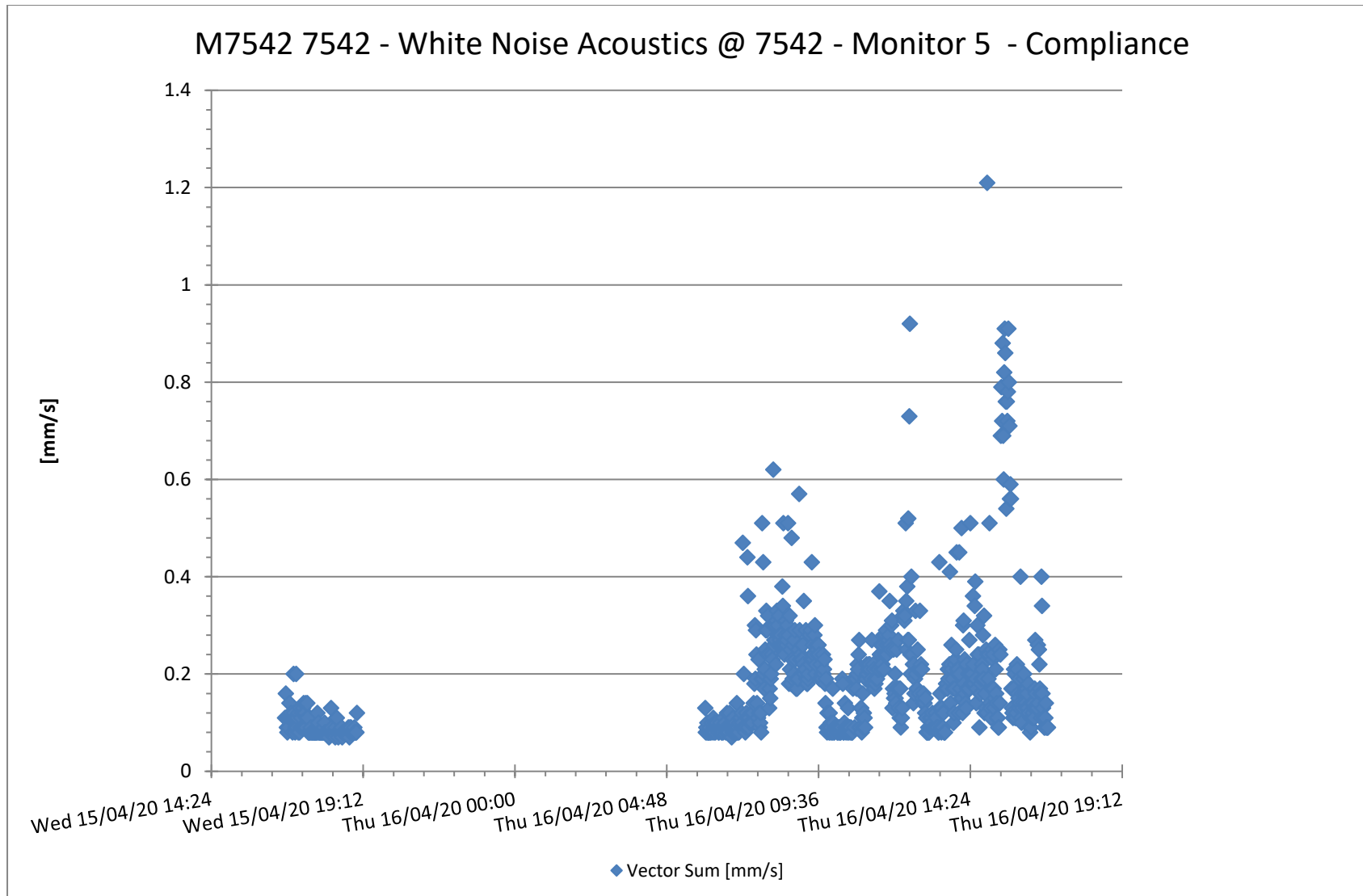
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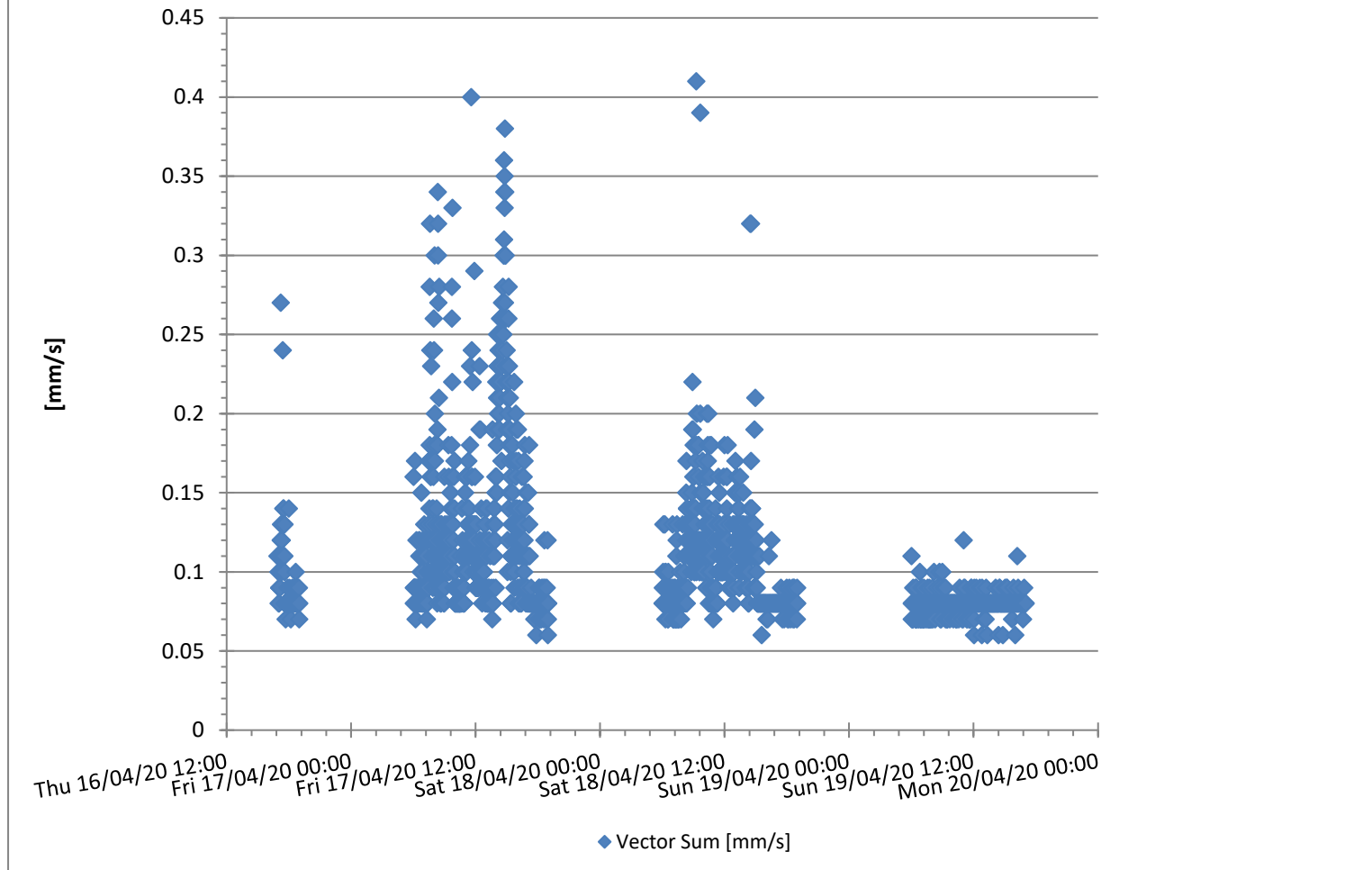
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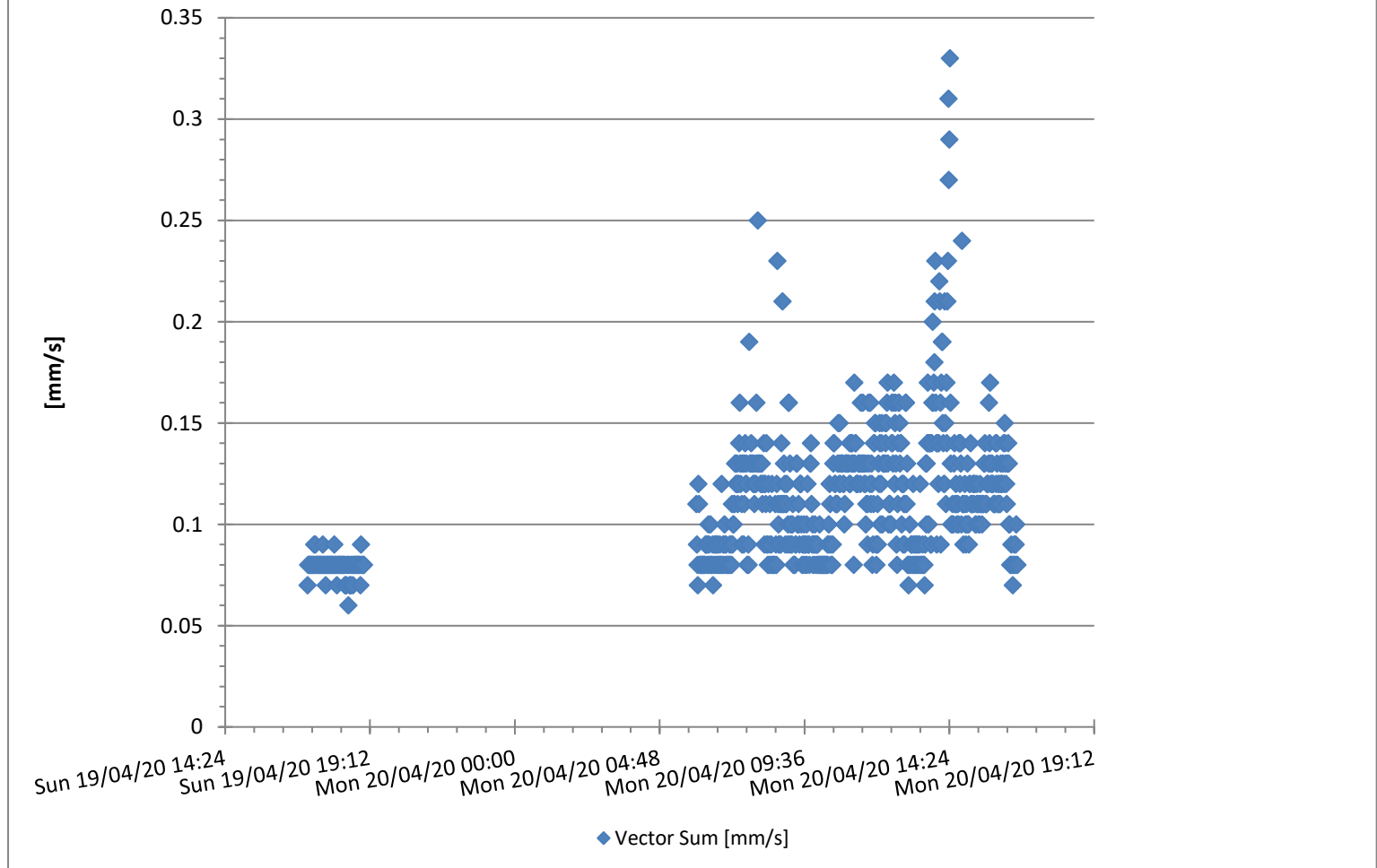
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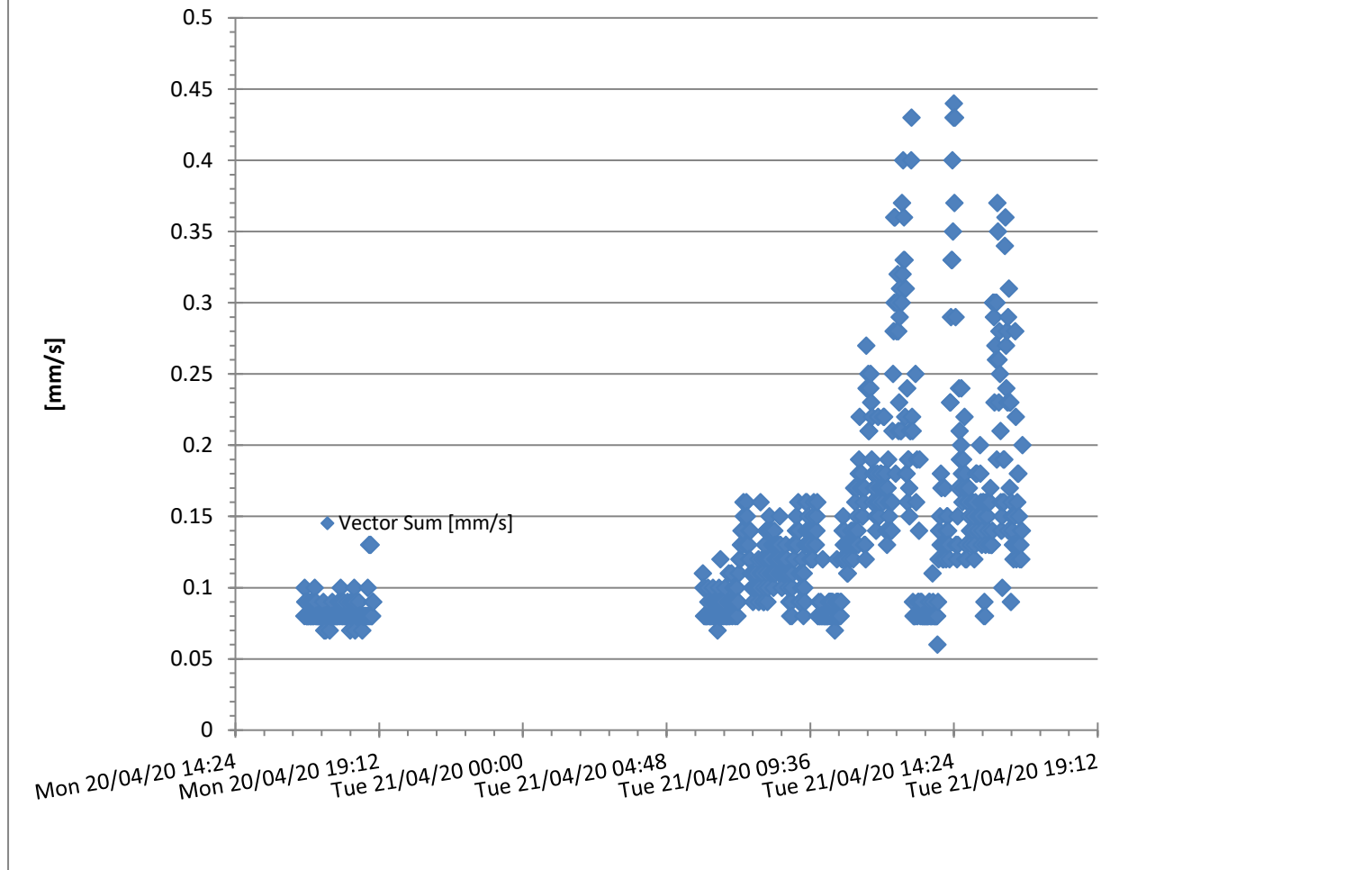
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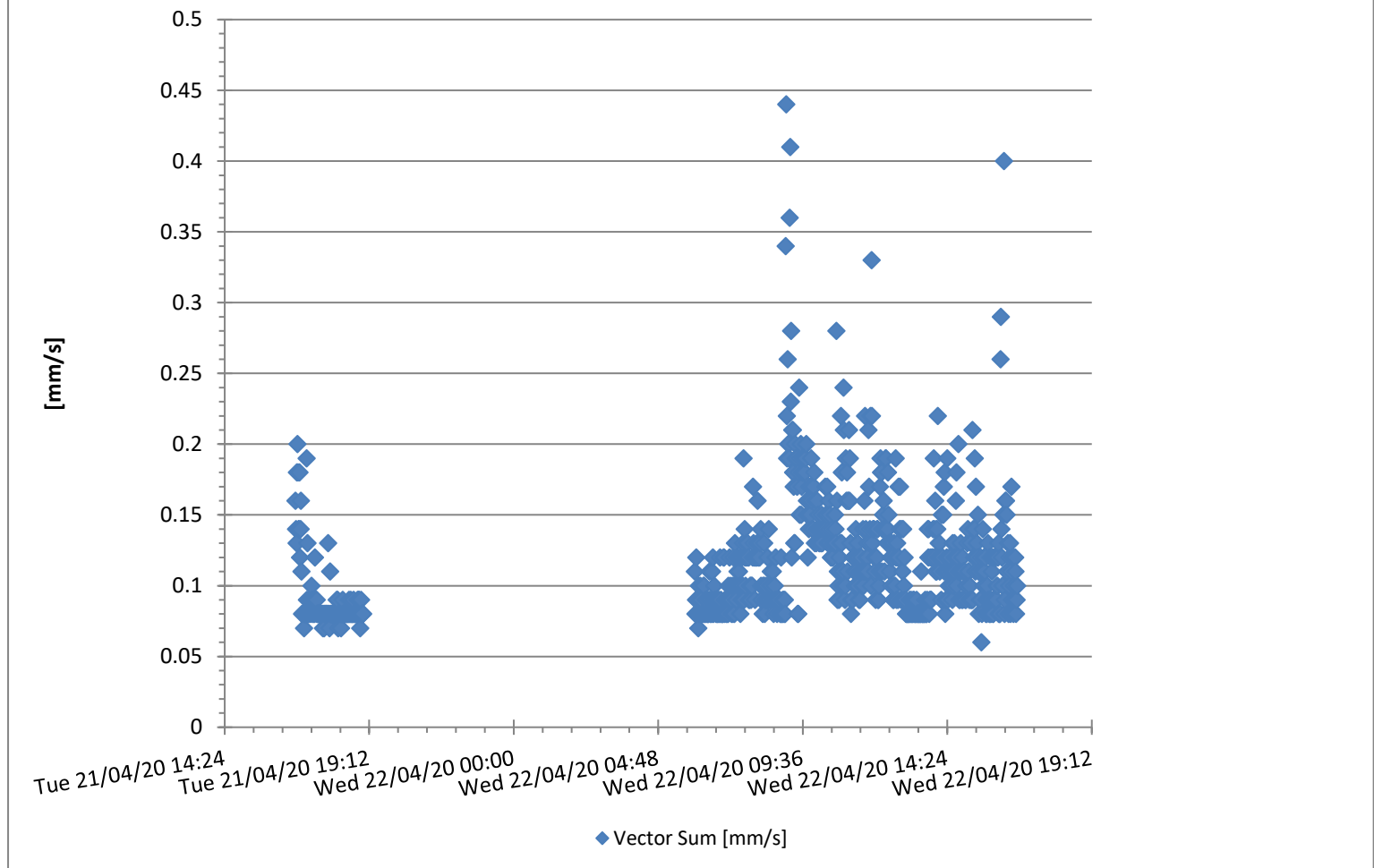
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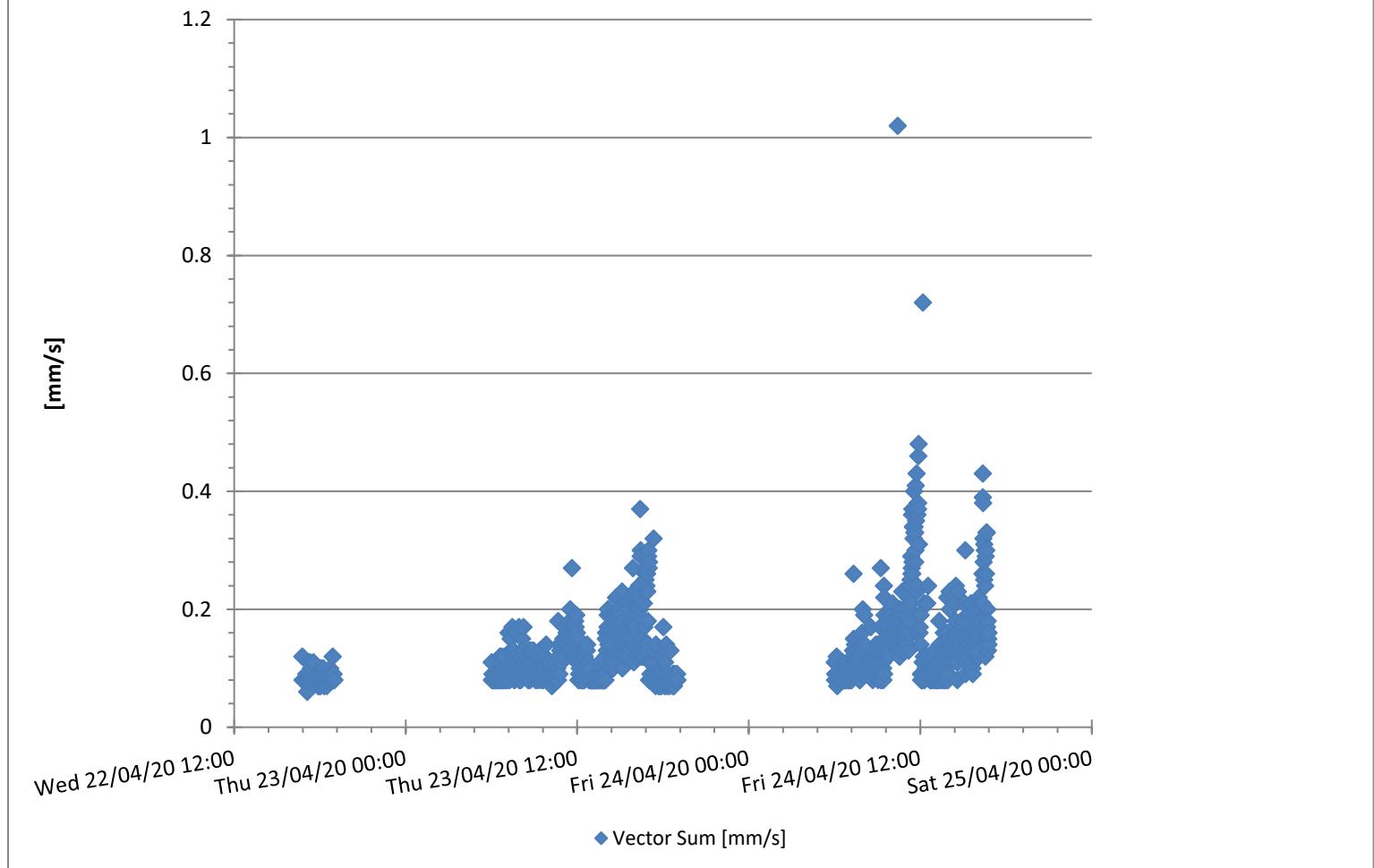
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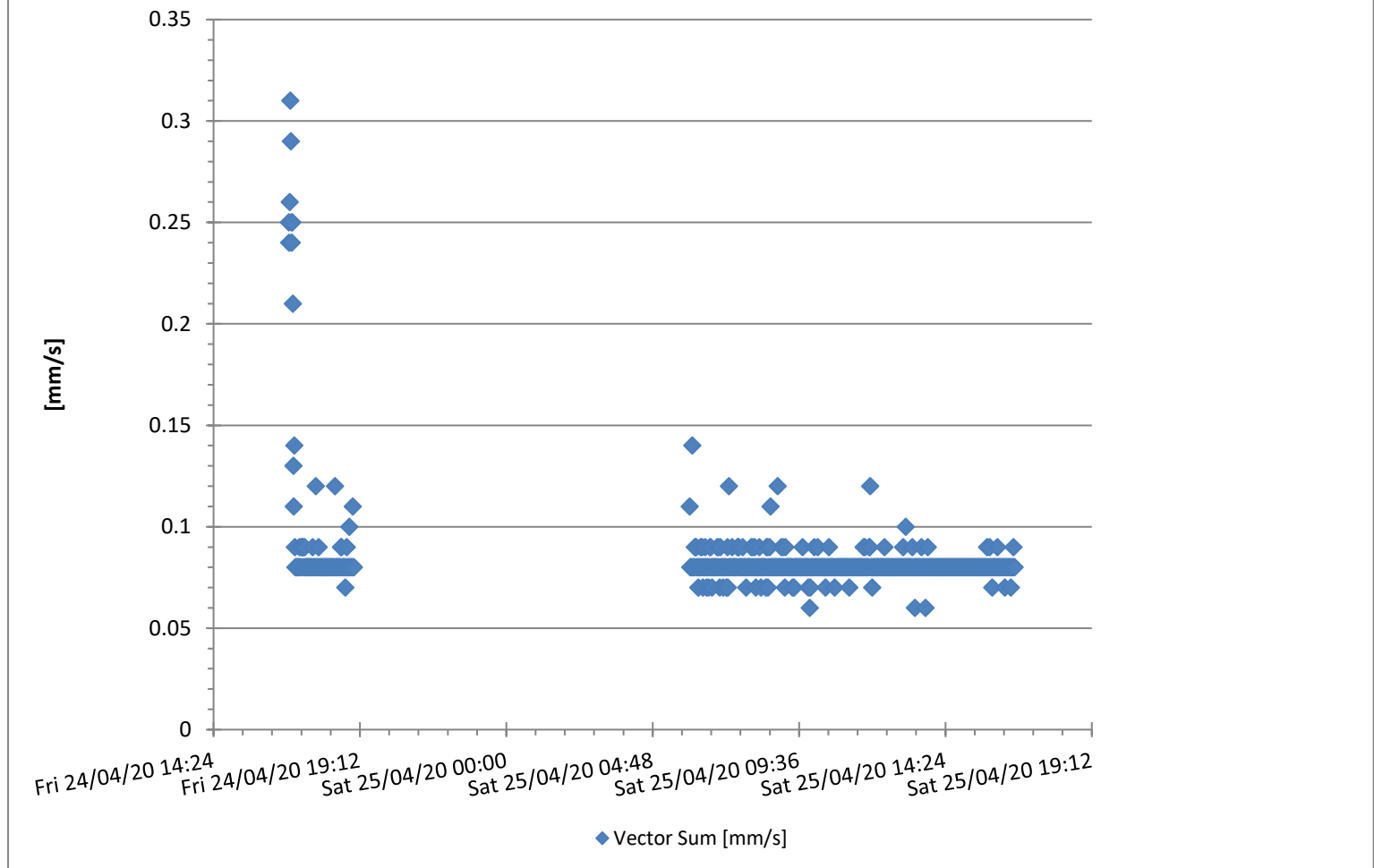
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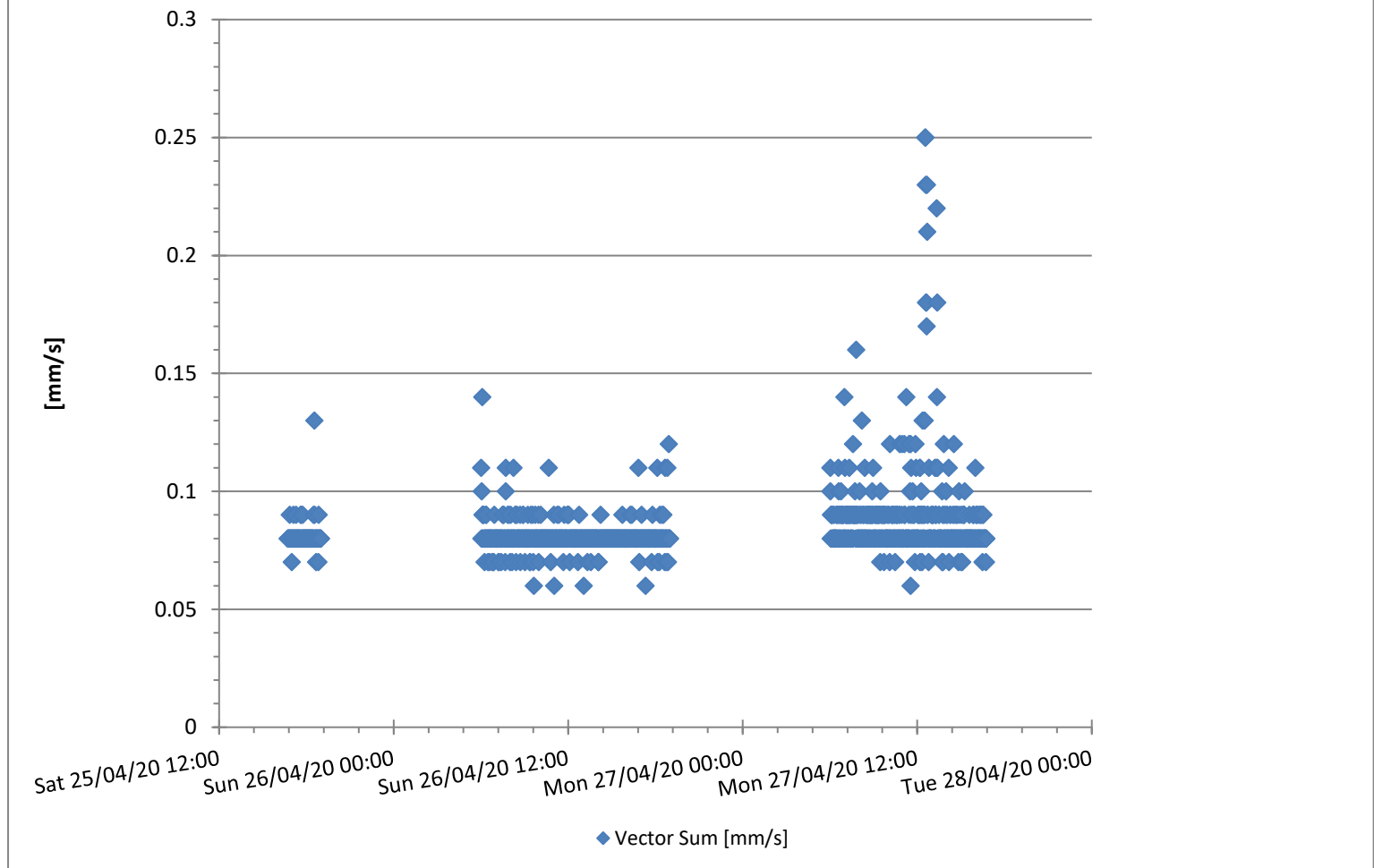
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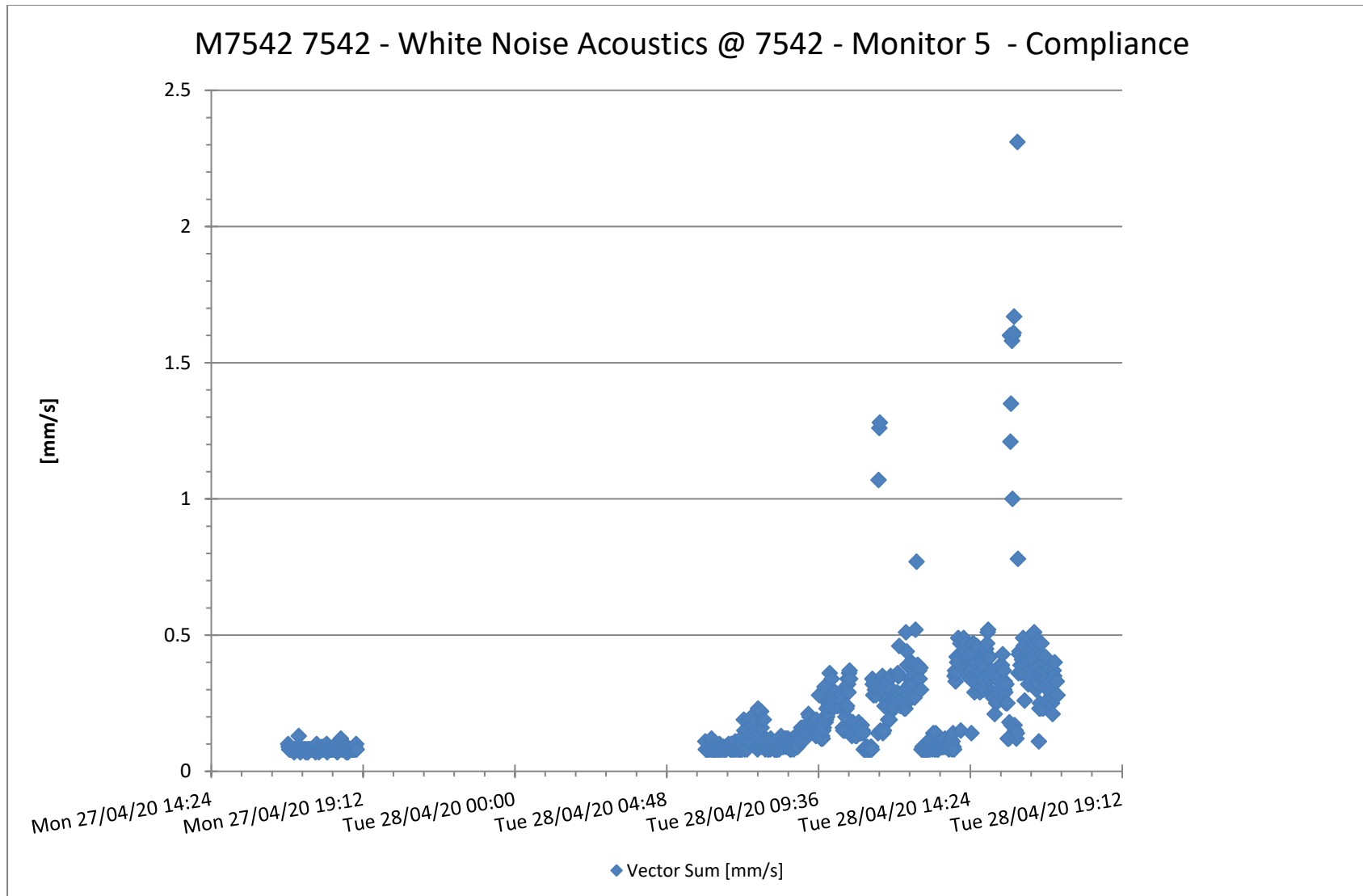
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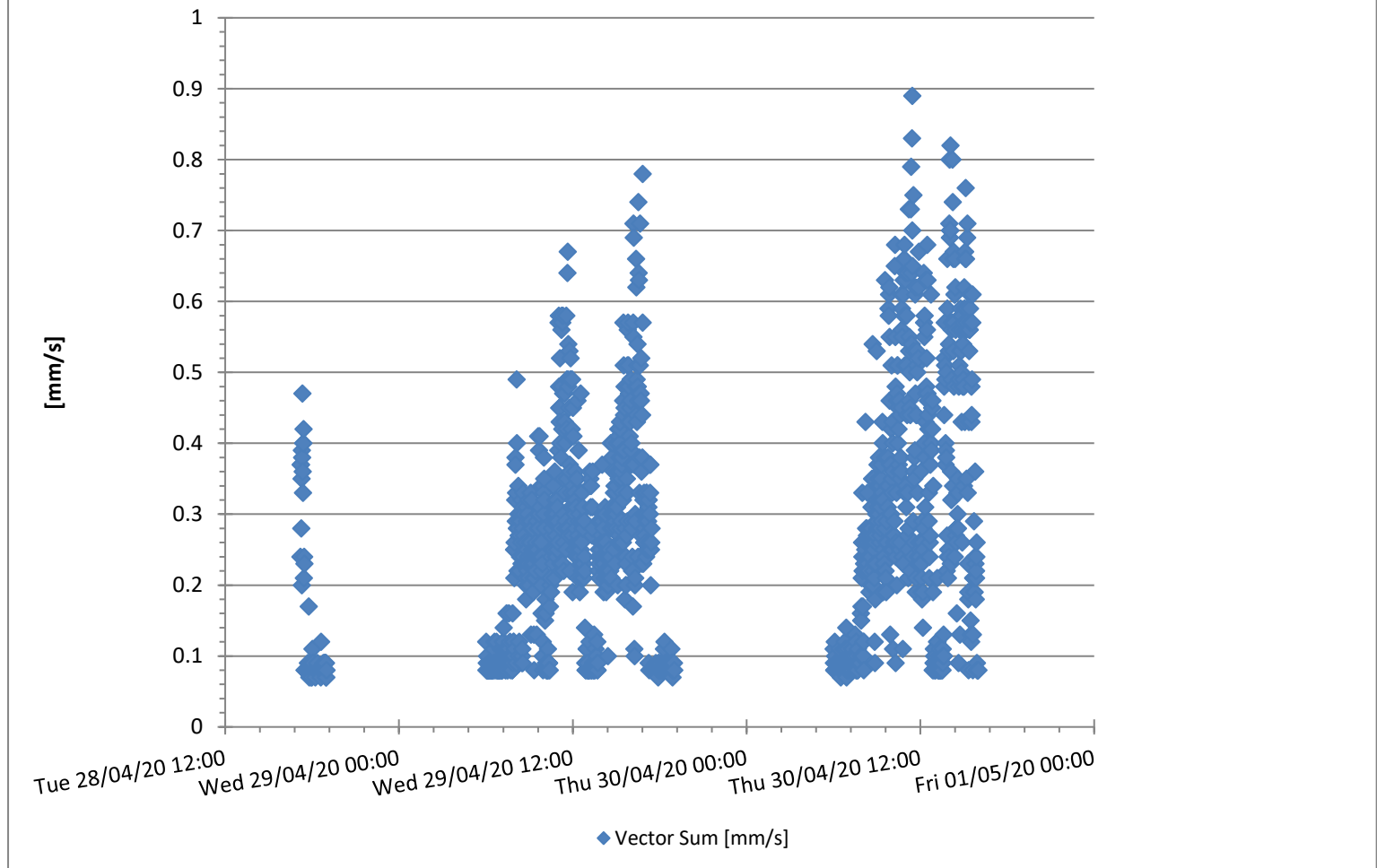
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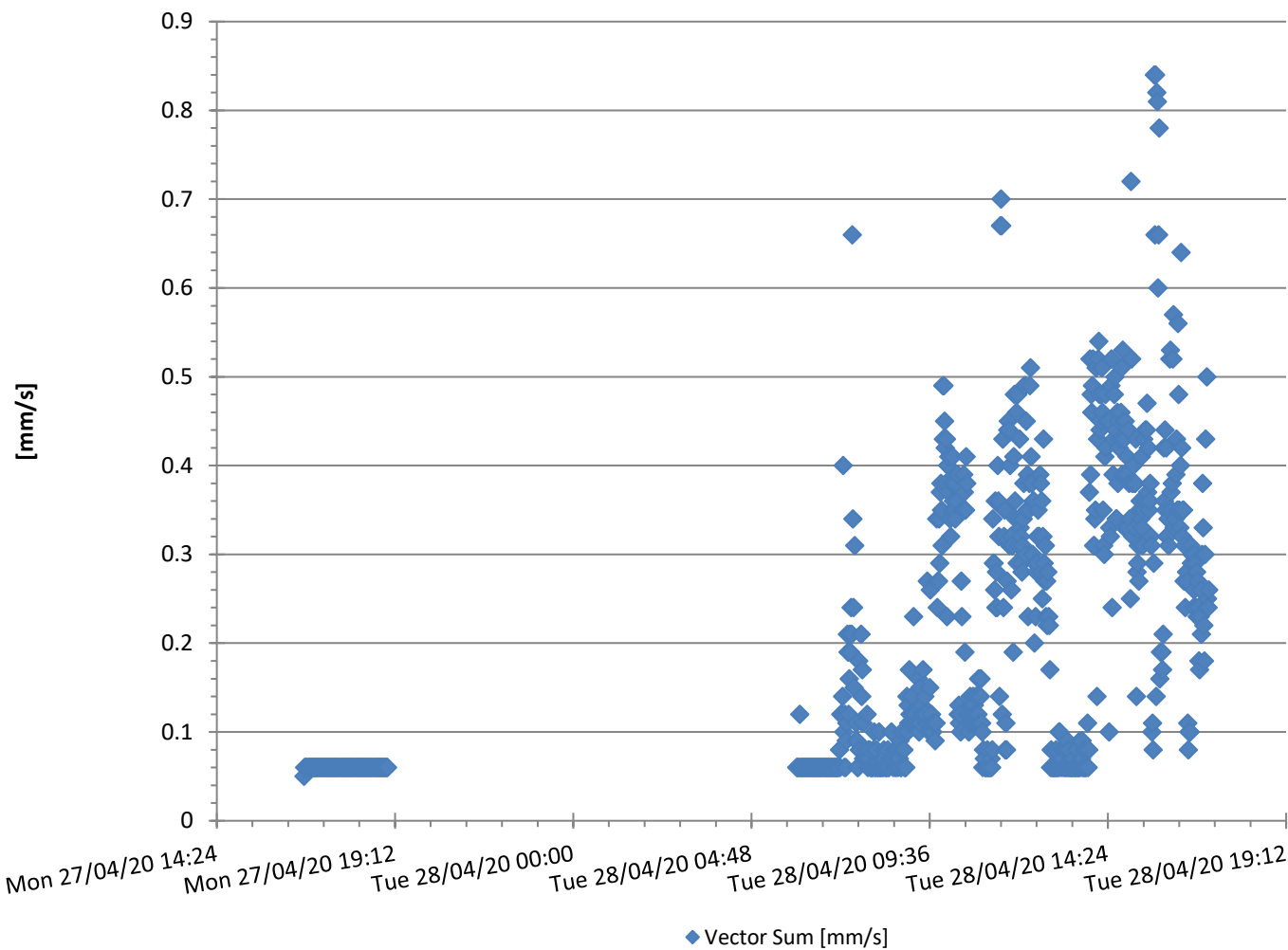


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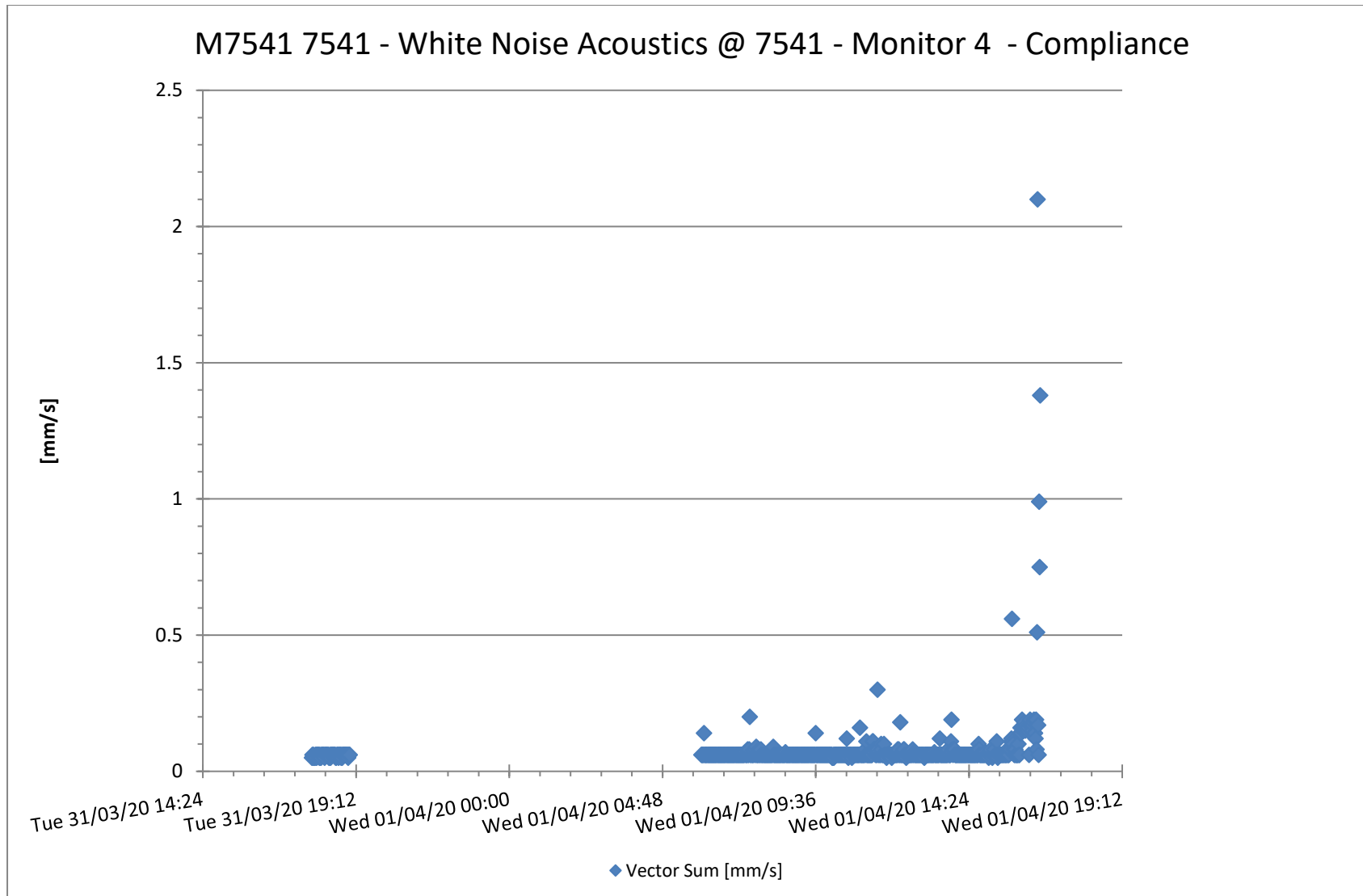


10 Appendix D –Logger Location 3 – Monitor M7541

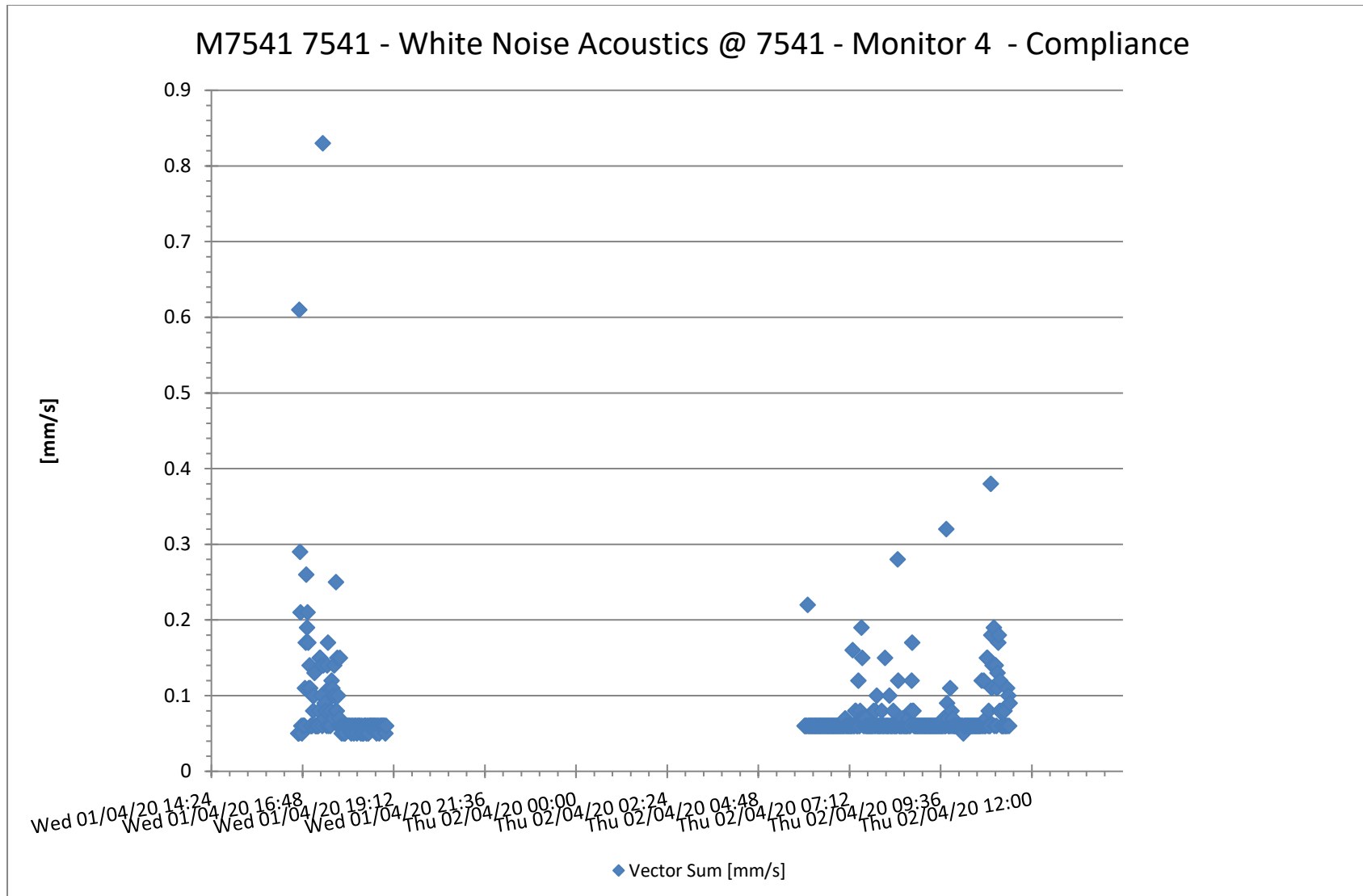
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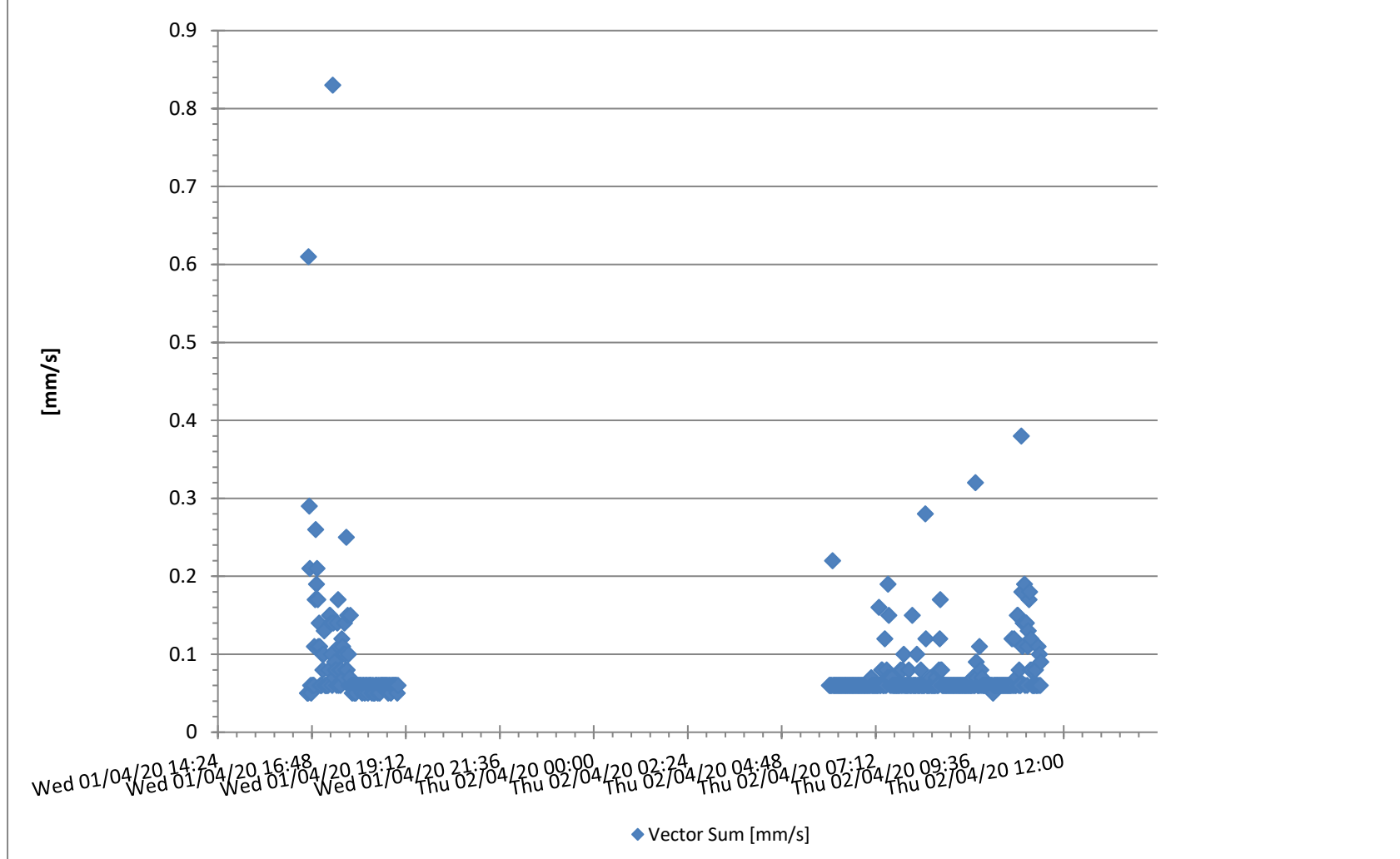
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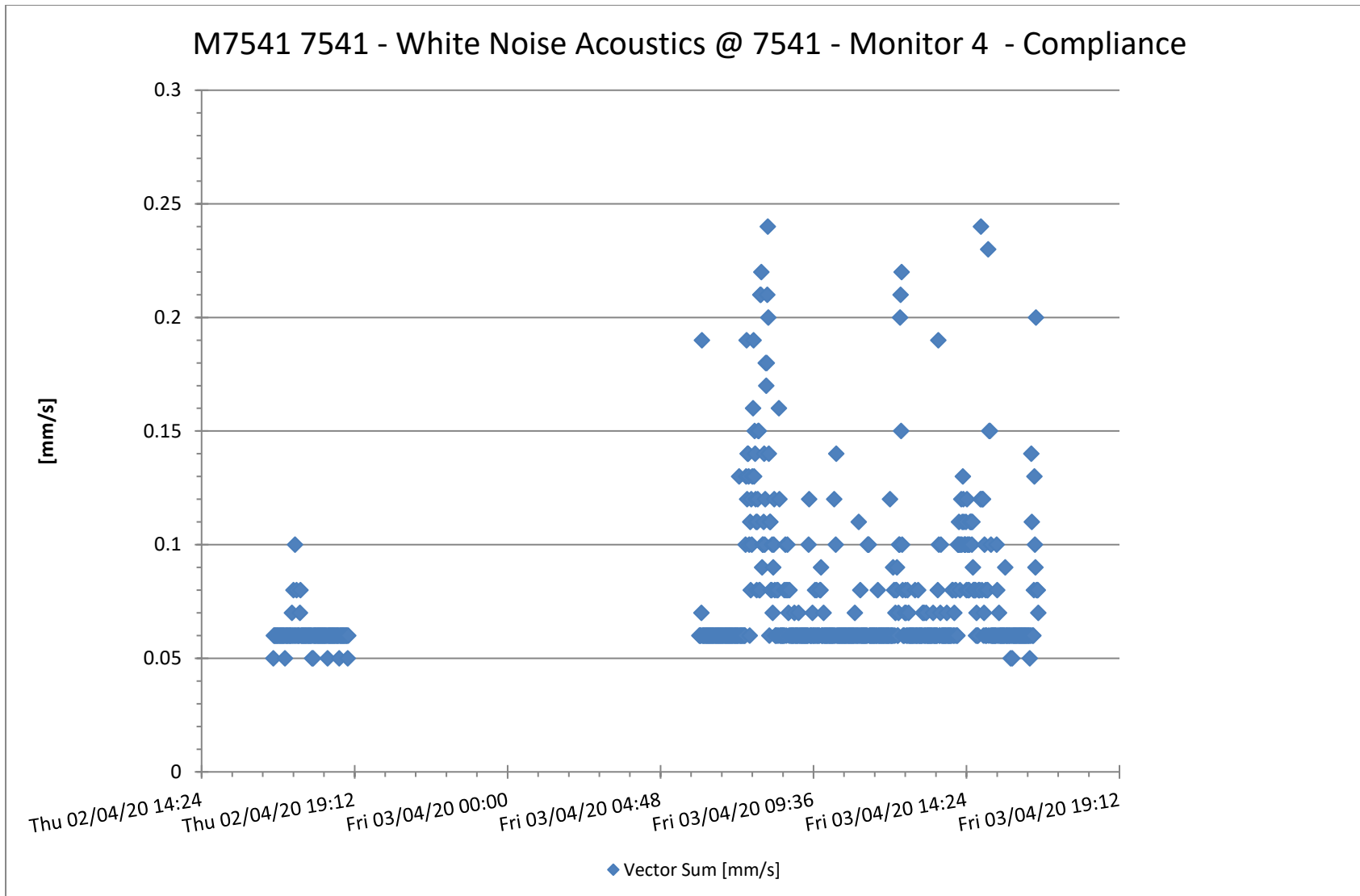


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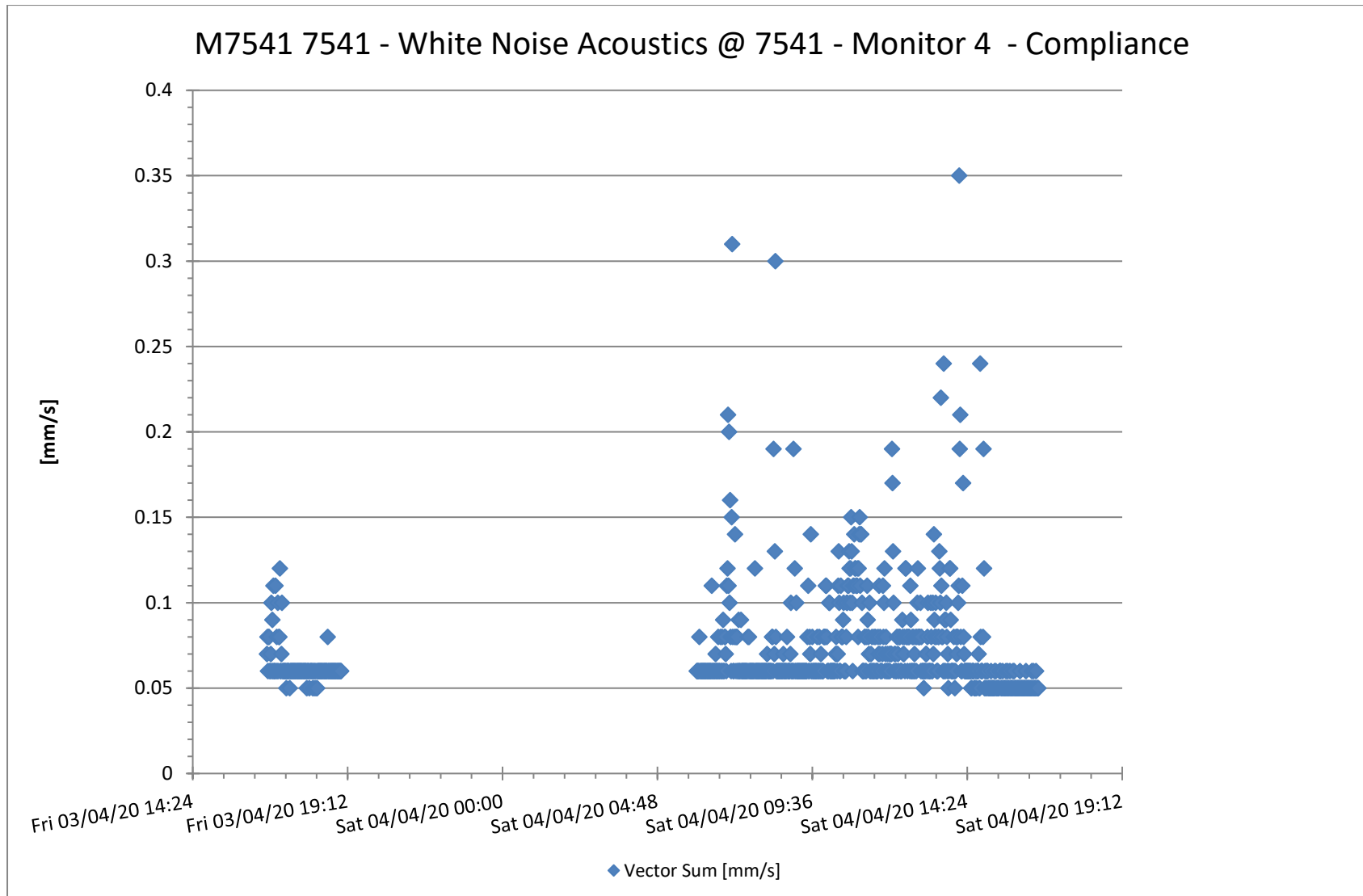


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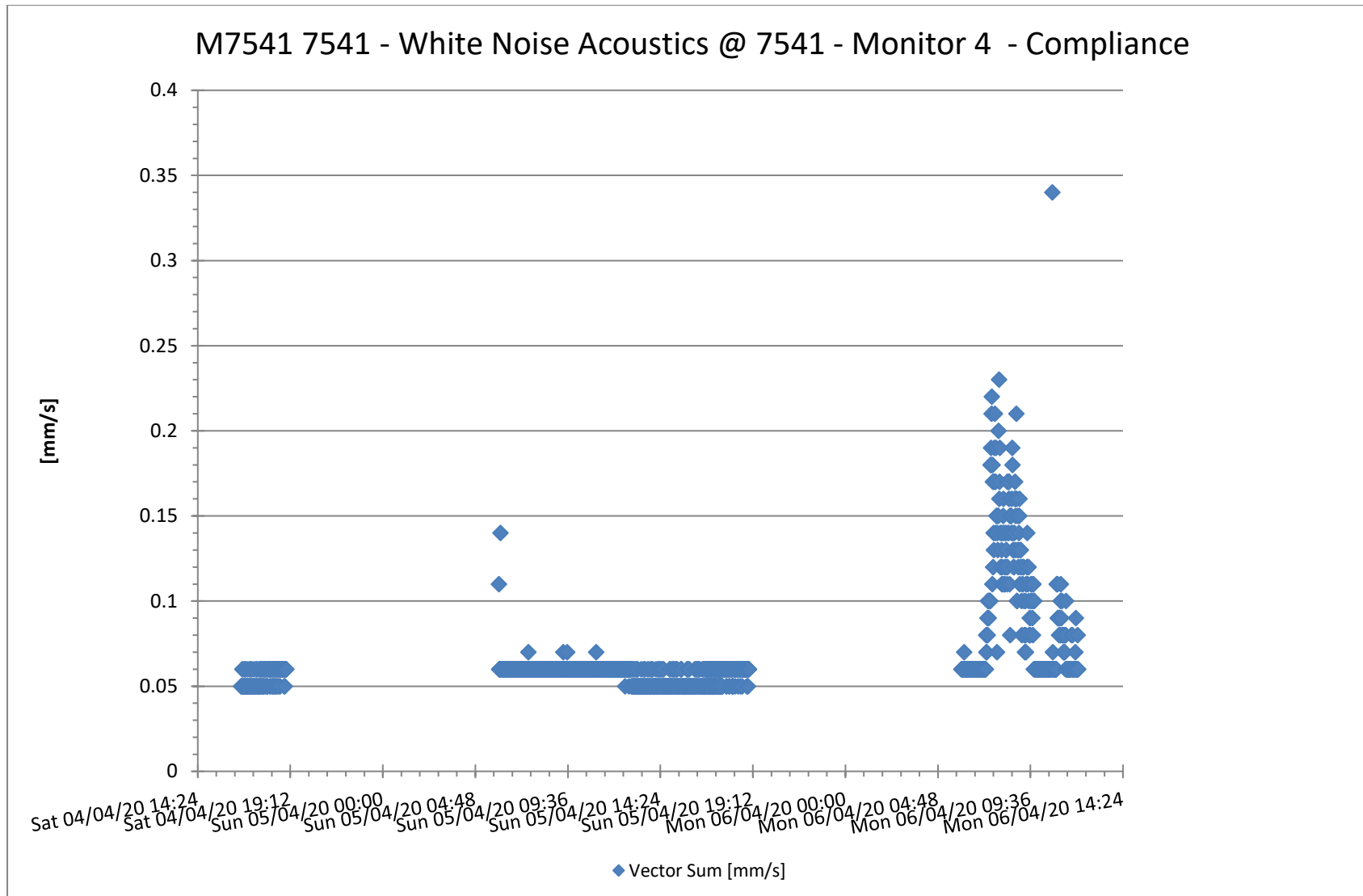




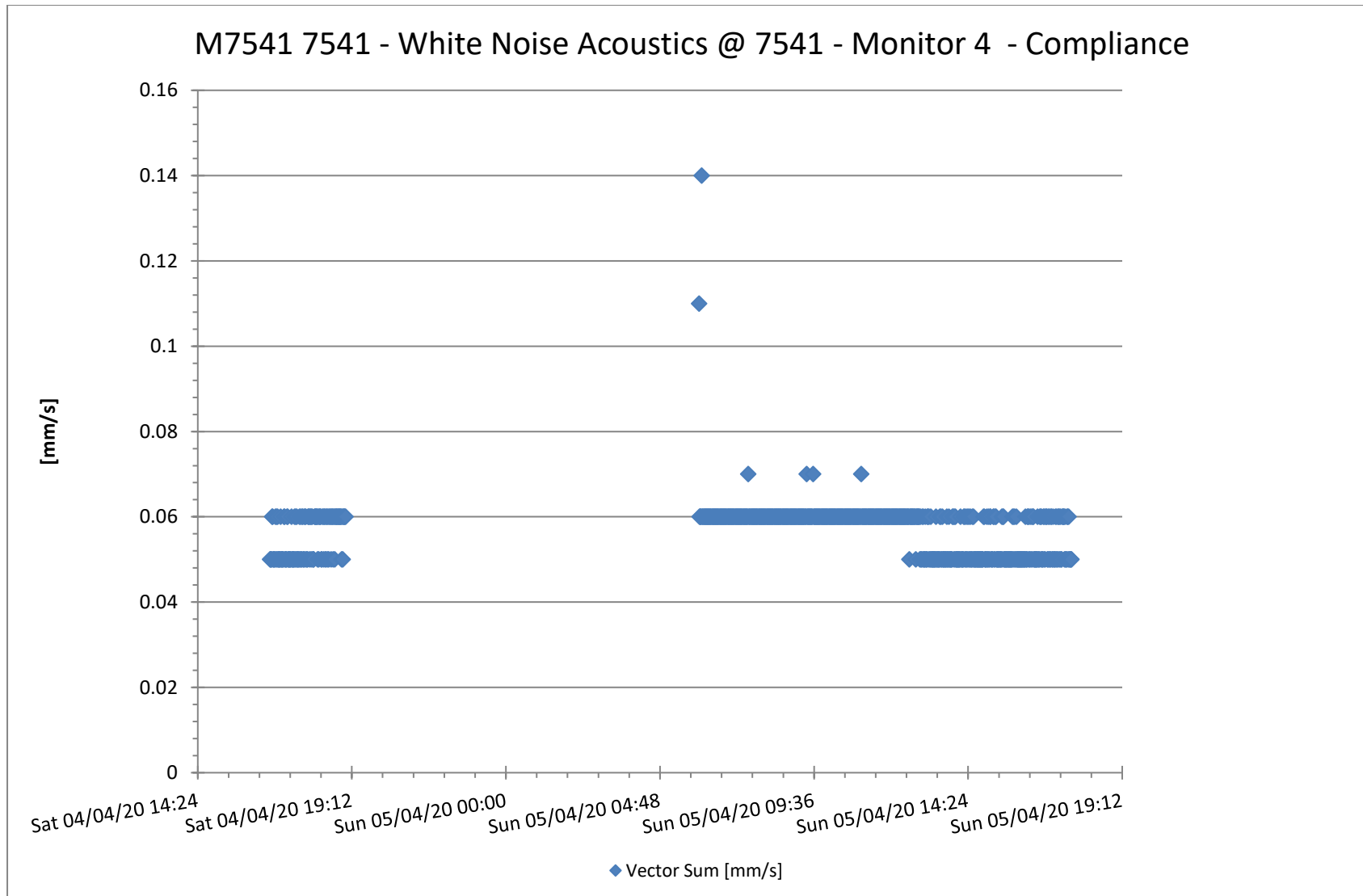
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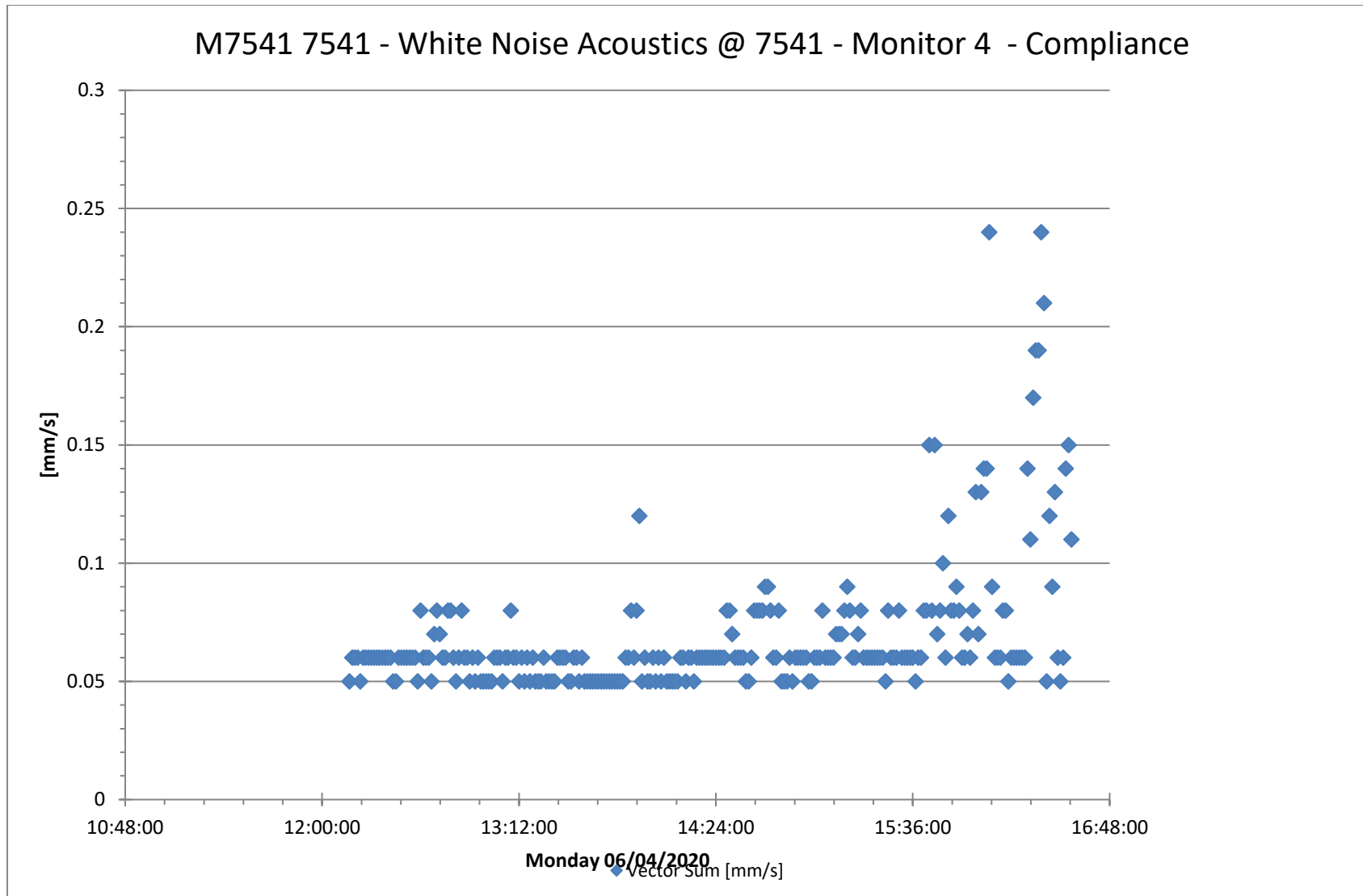
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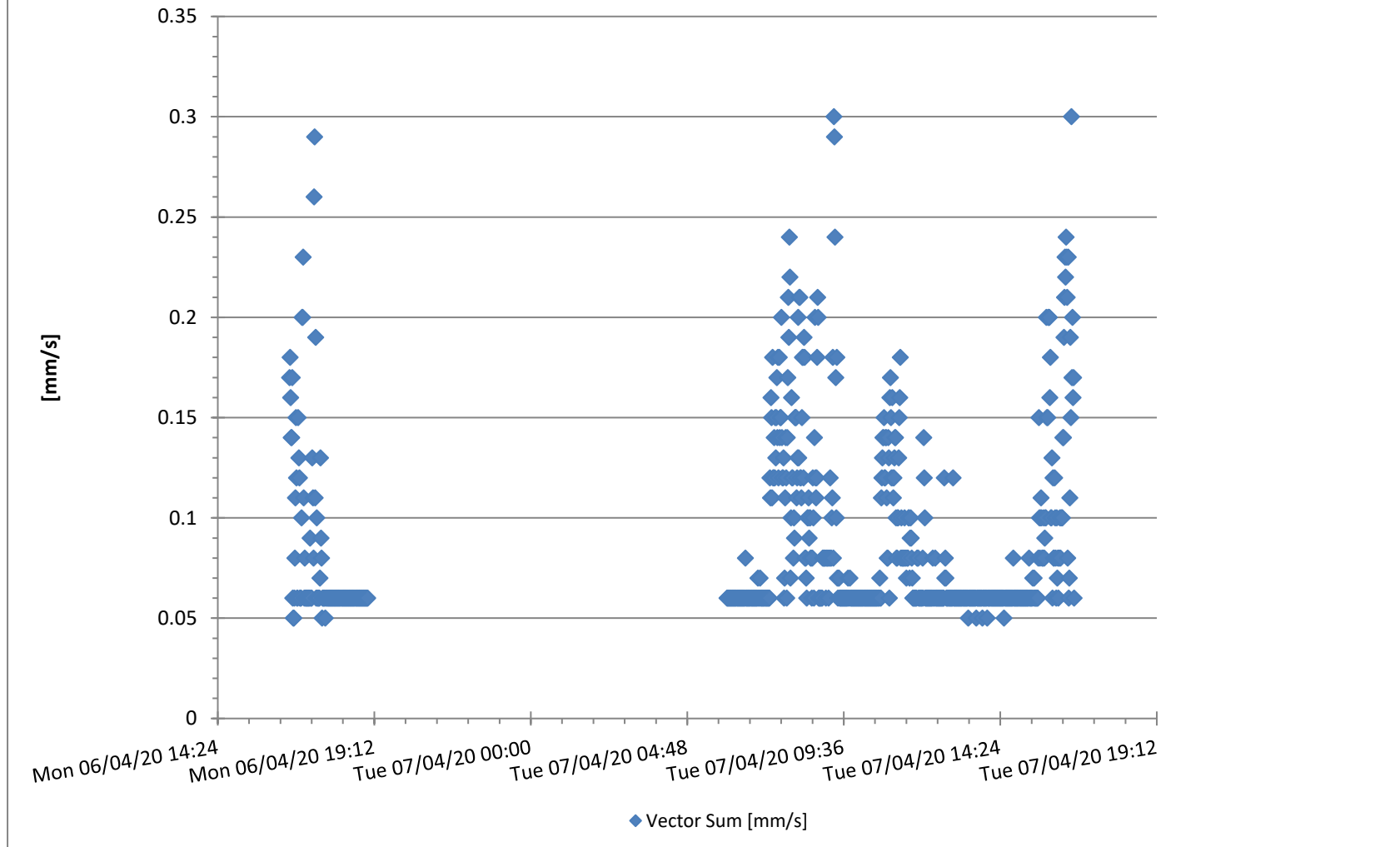
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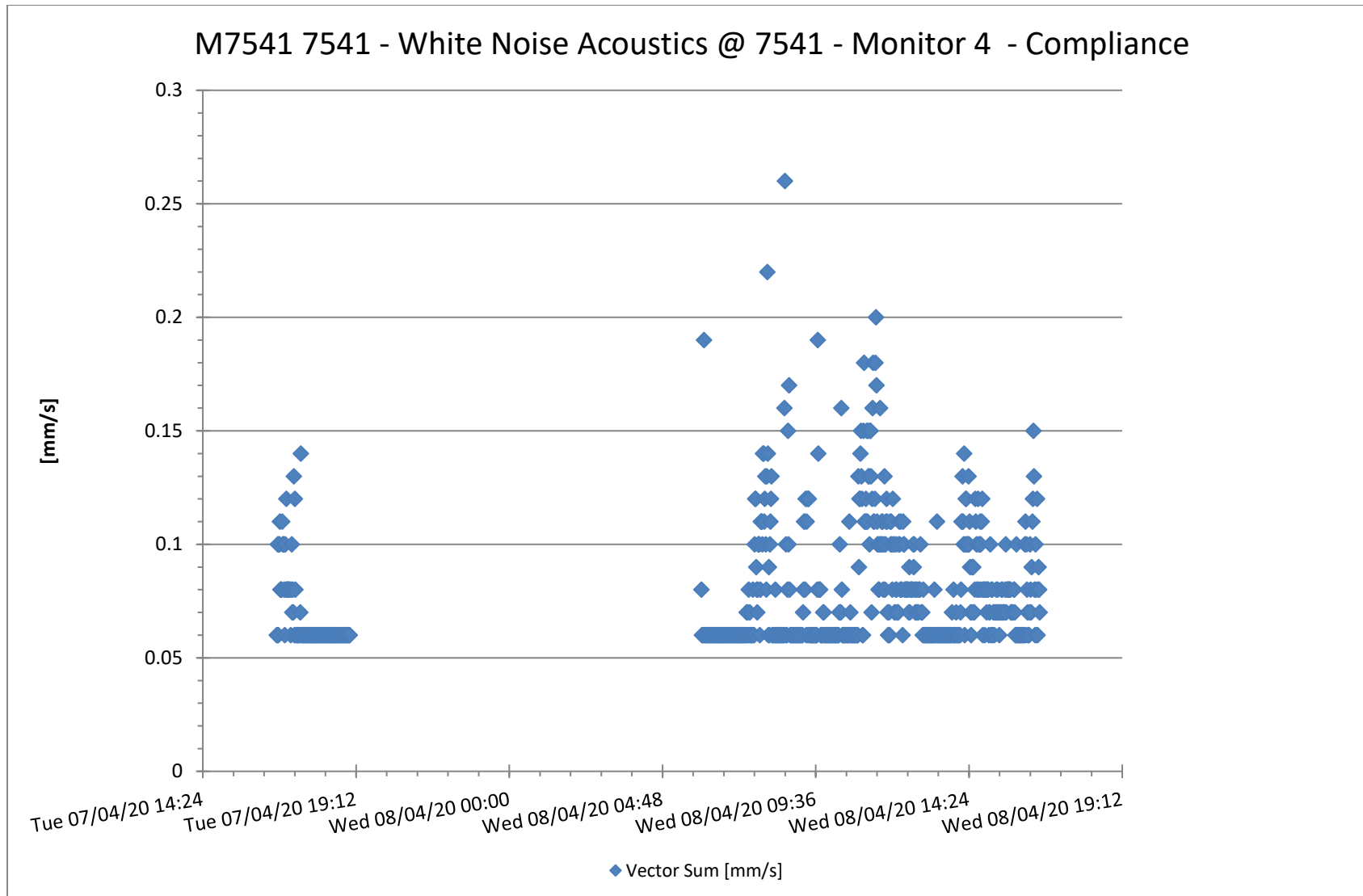
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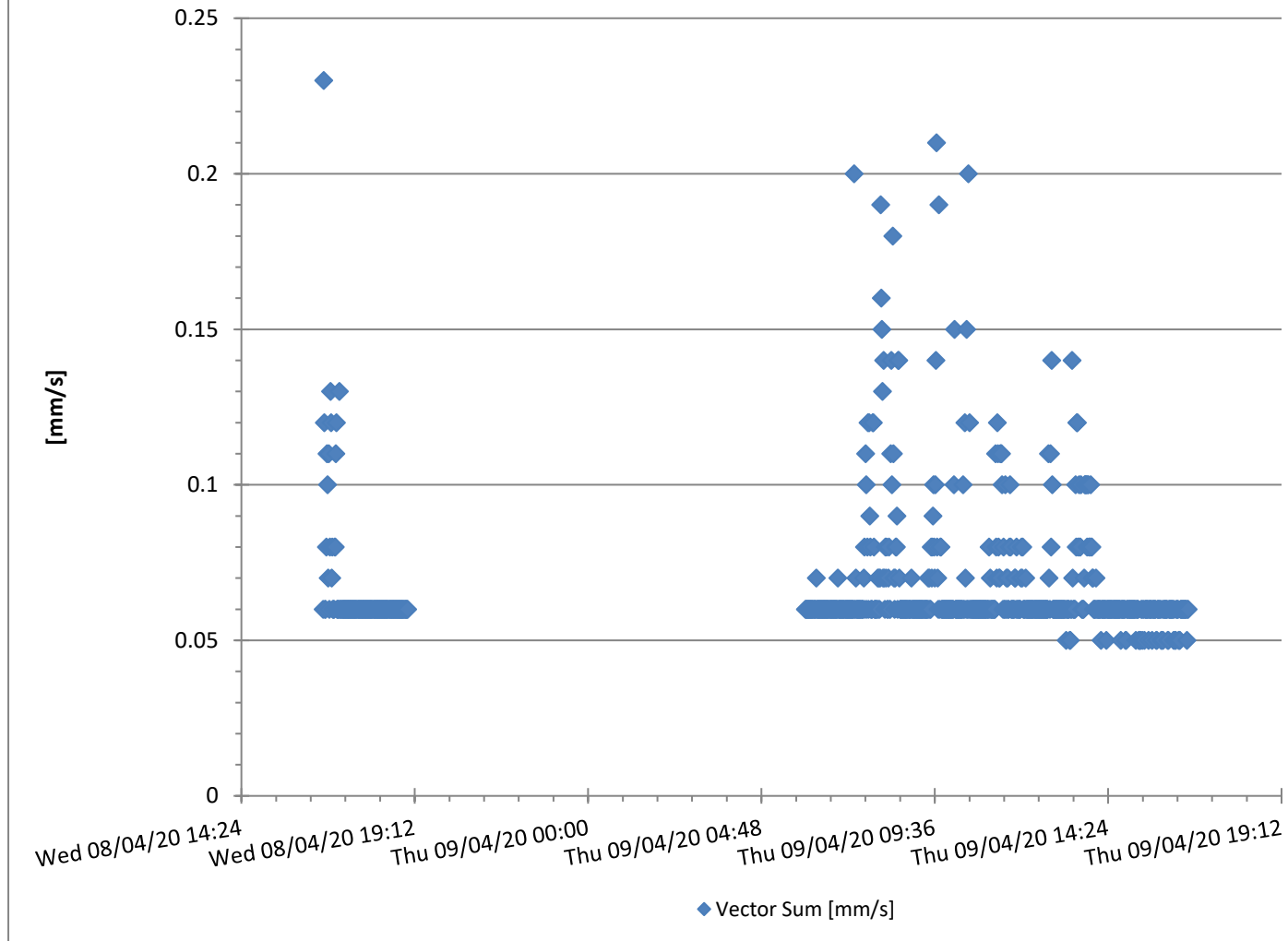
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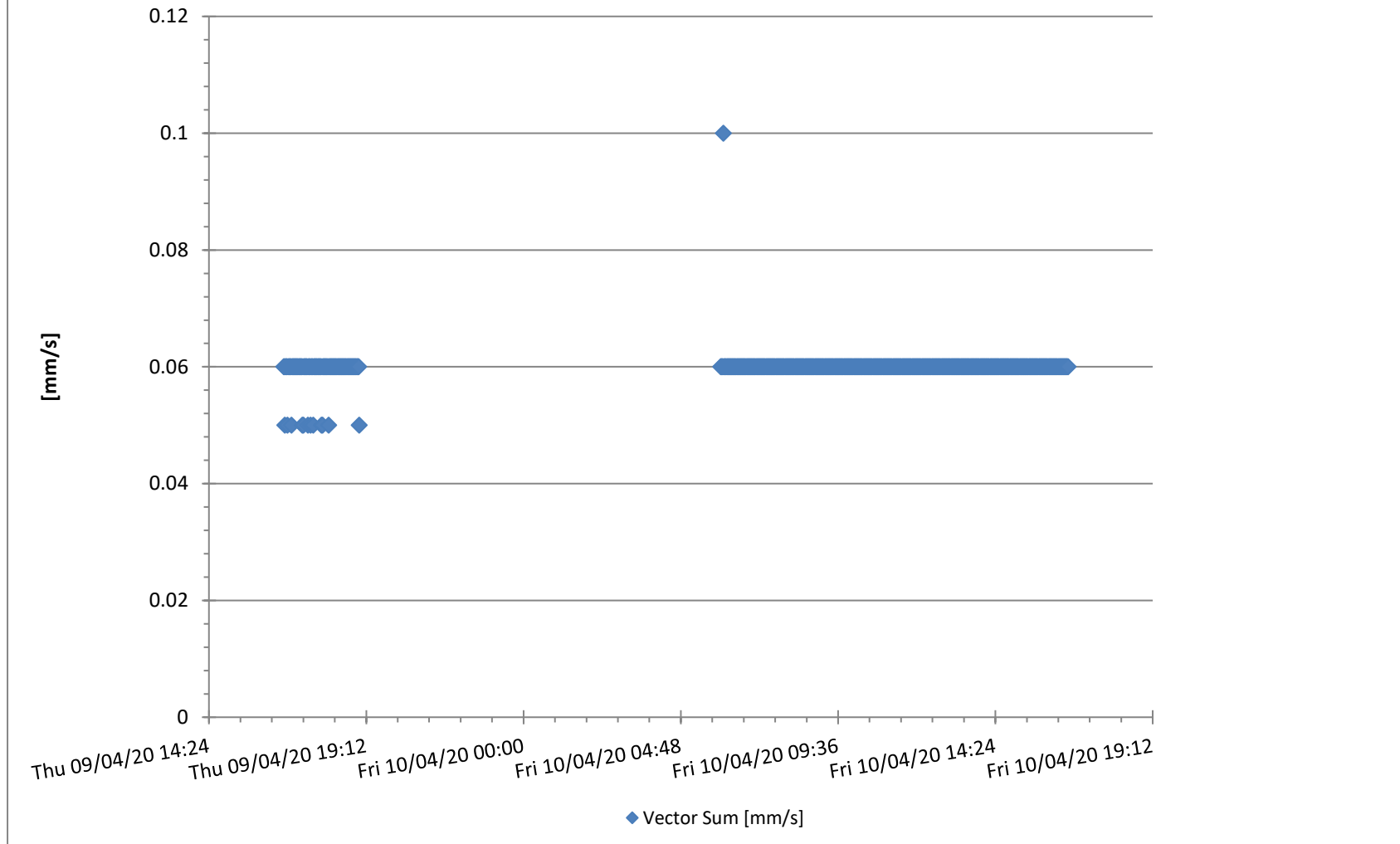
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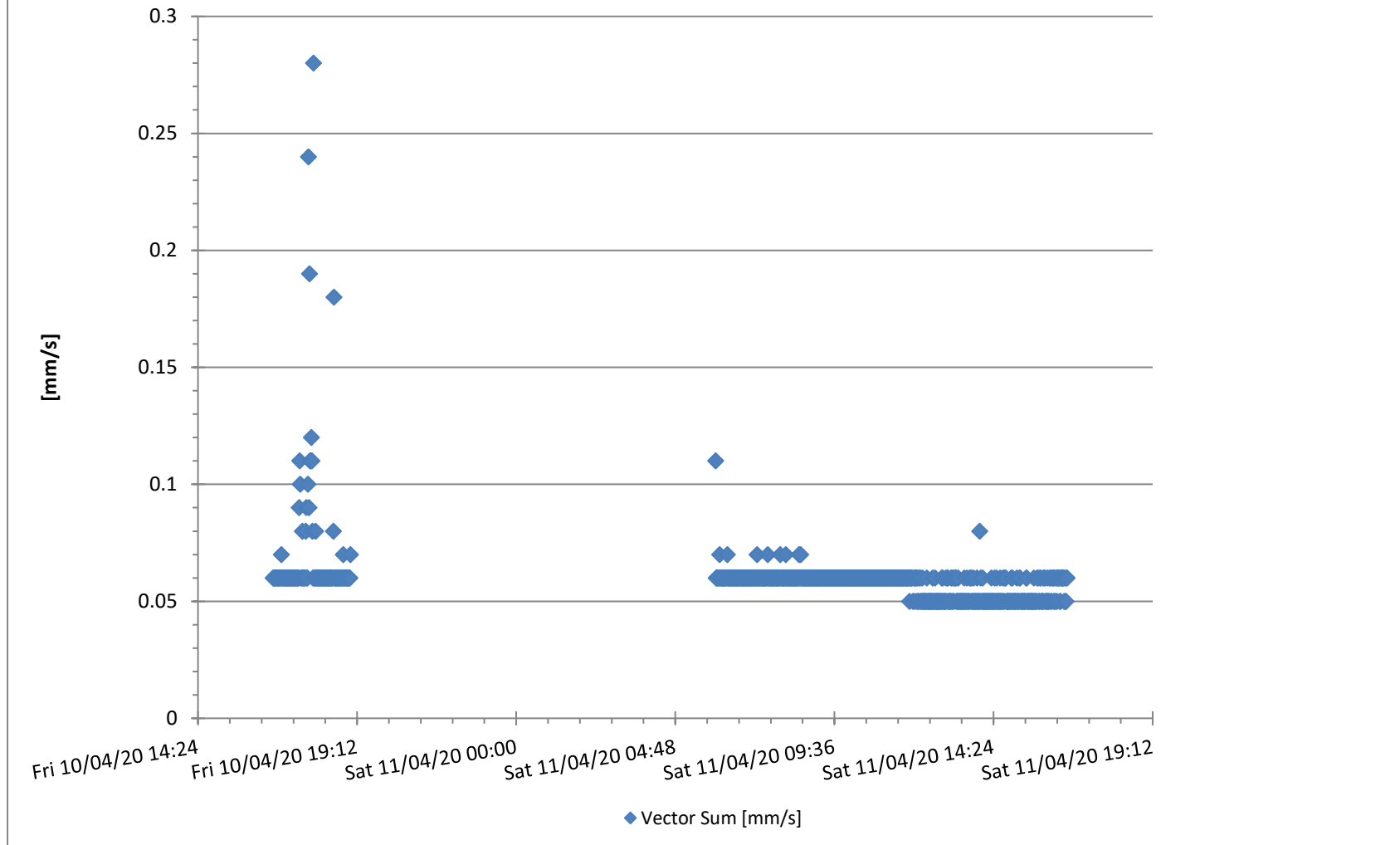
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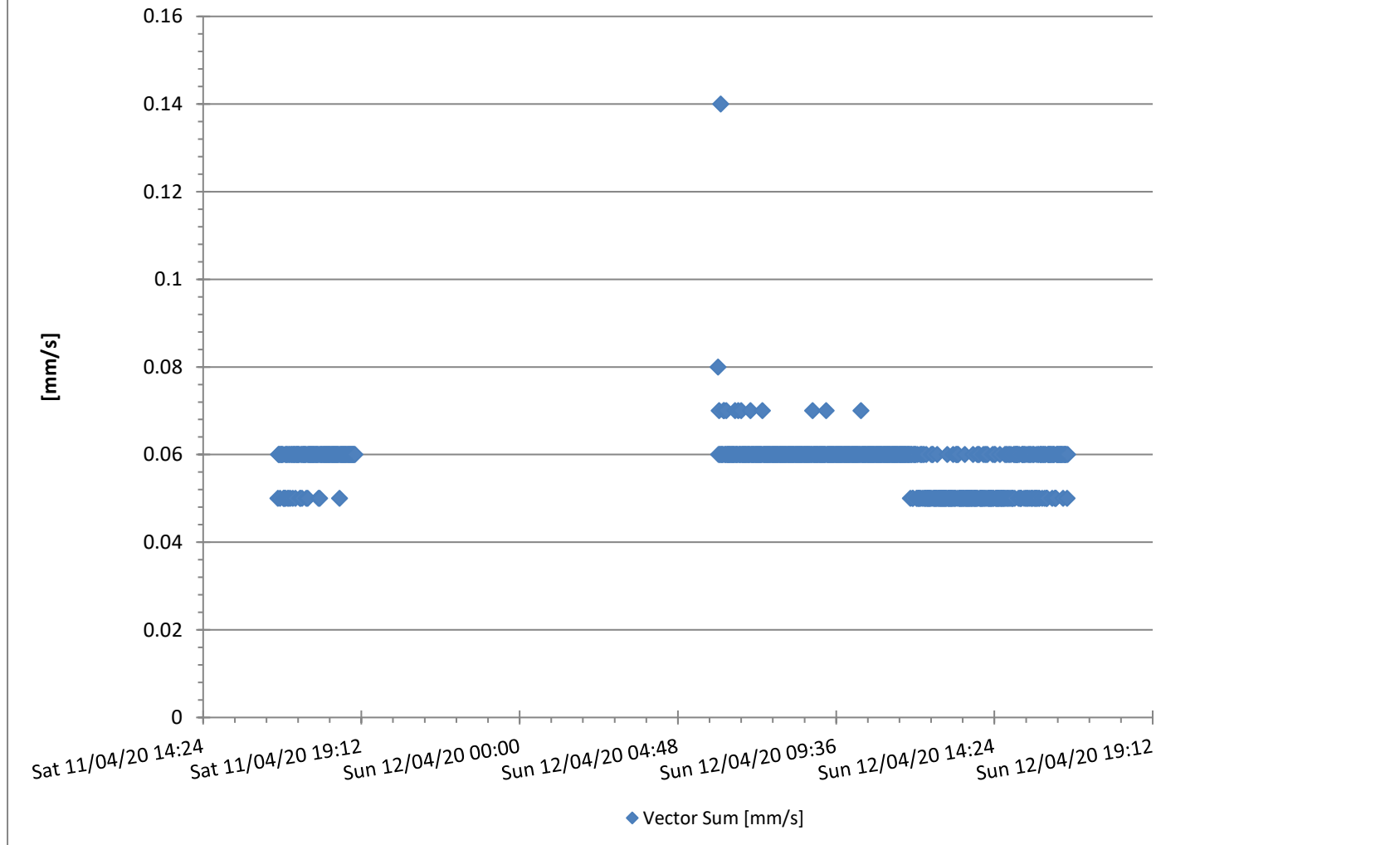
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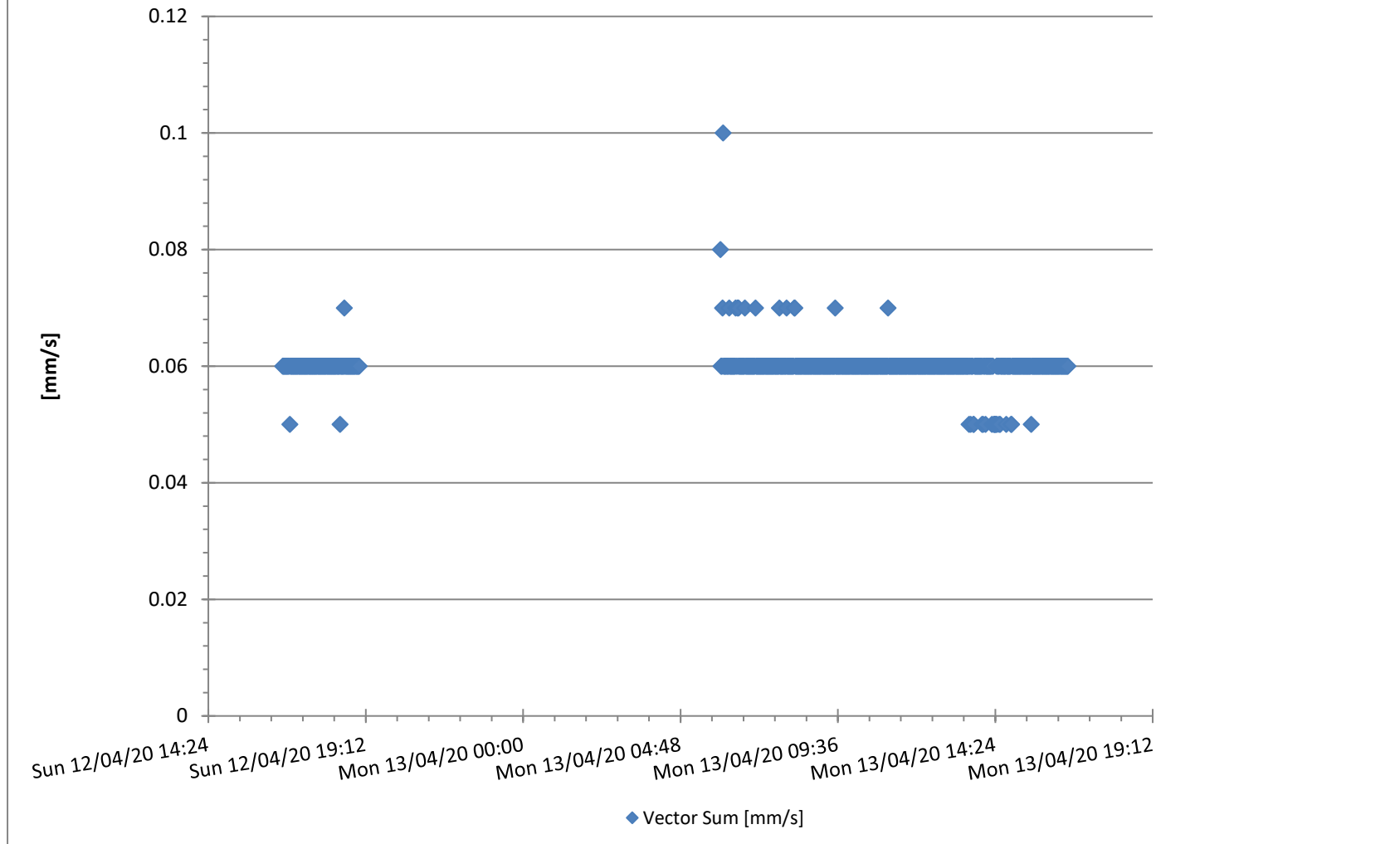
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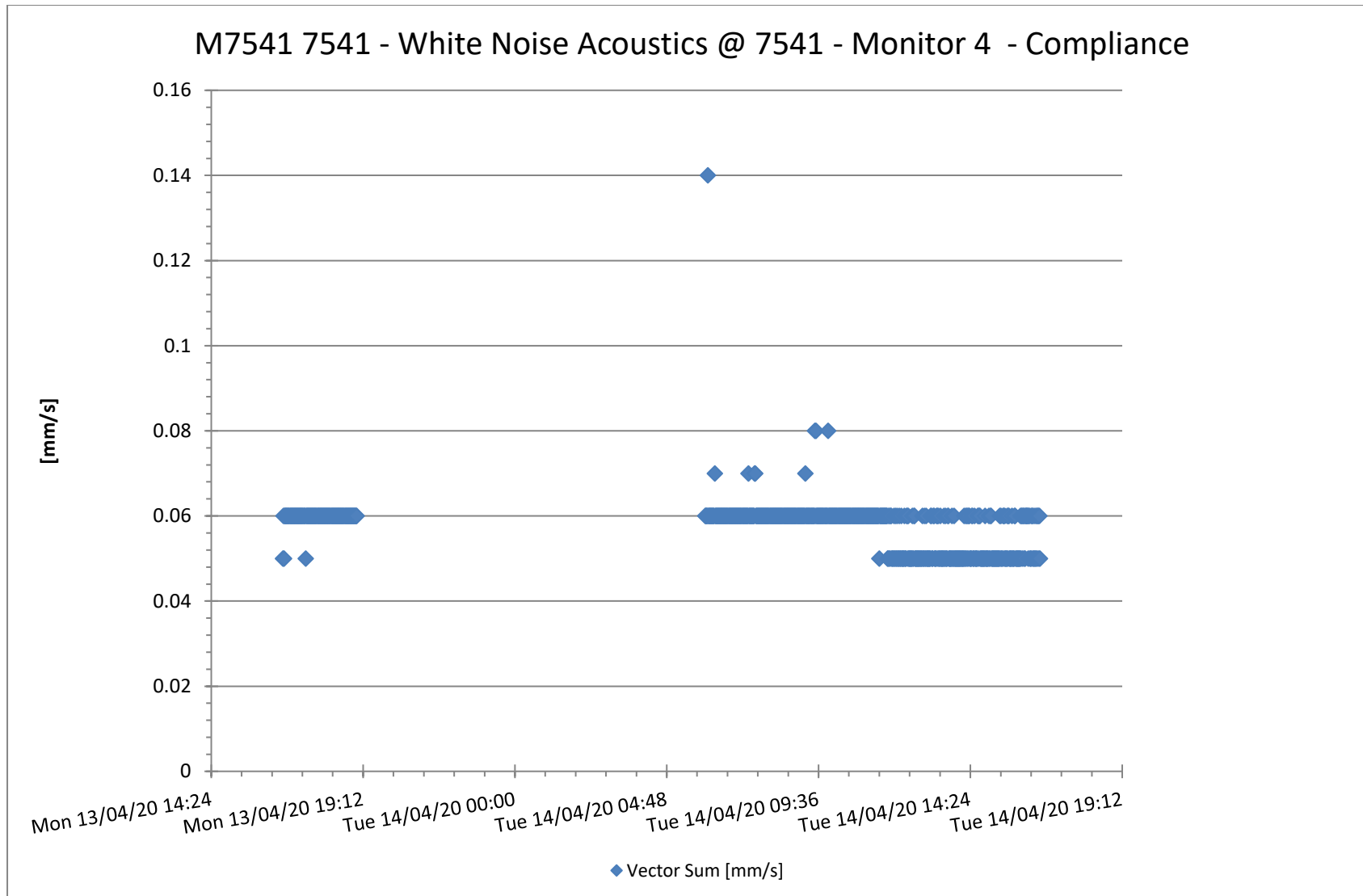
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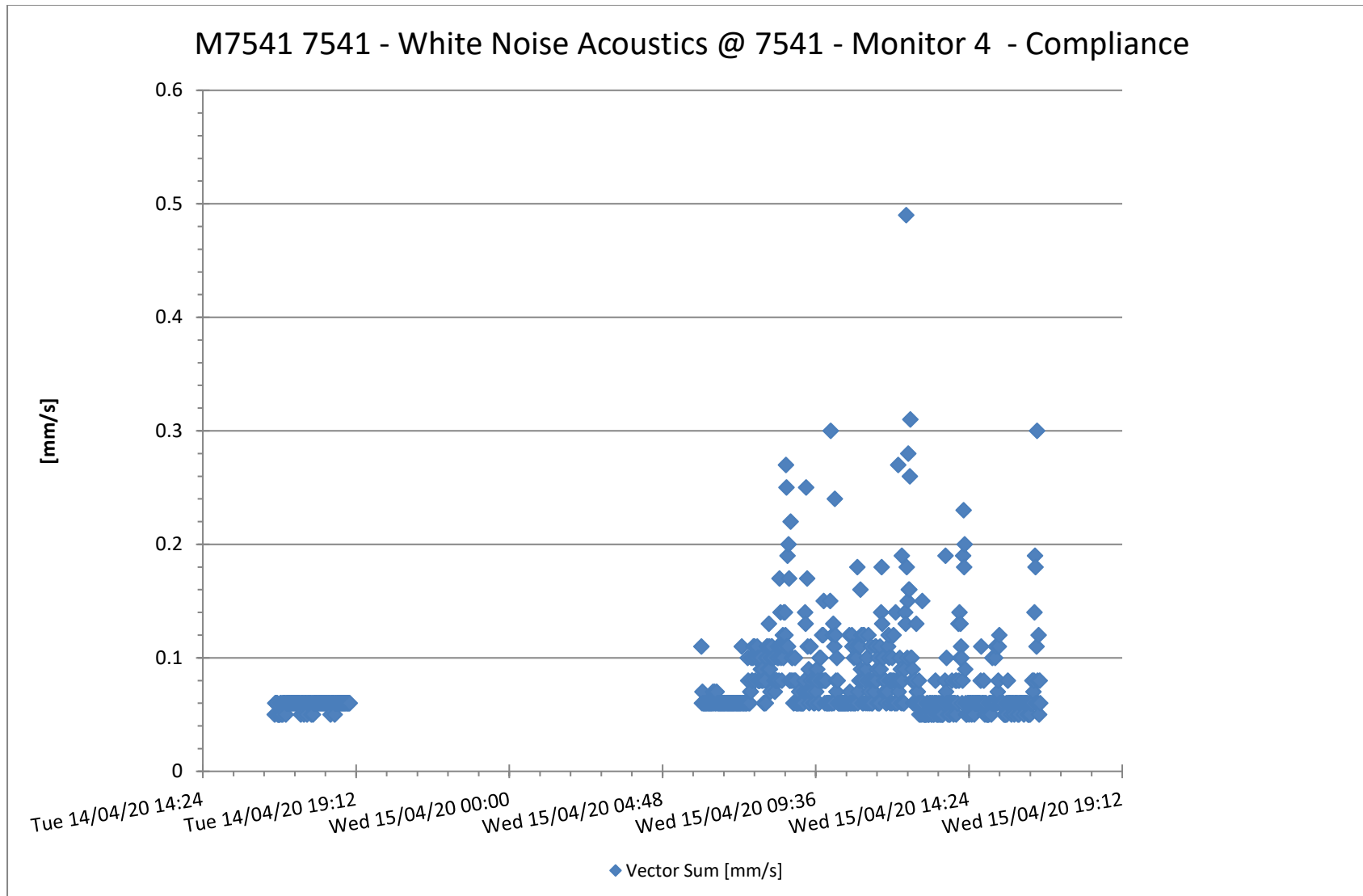
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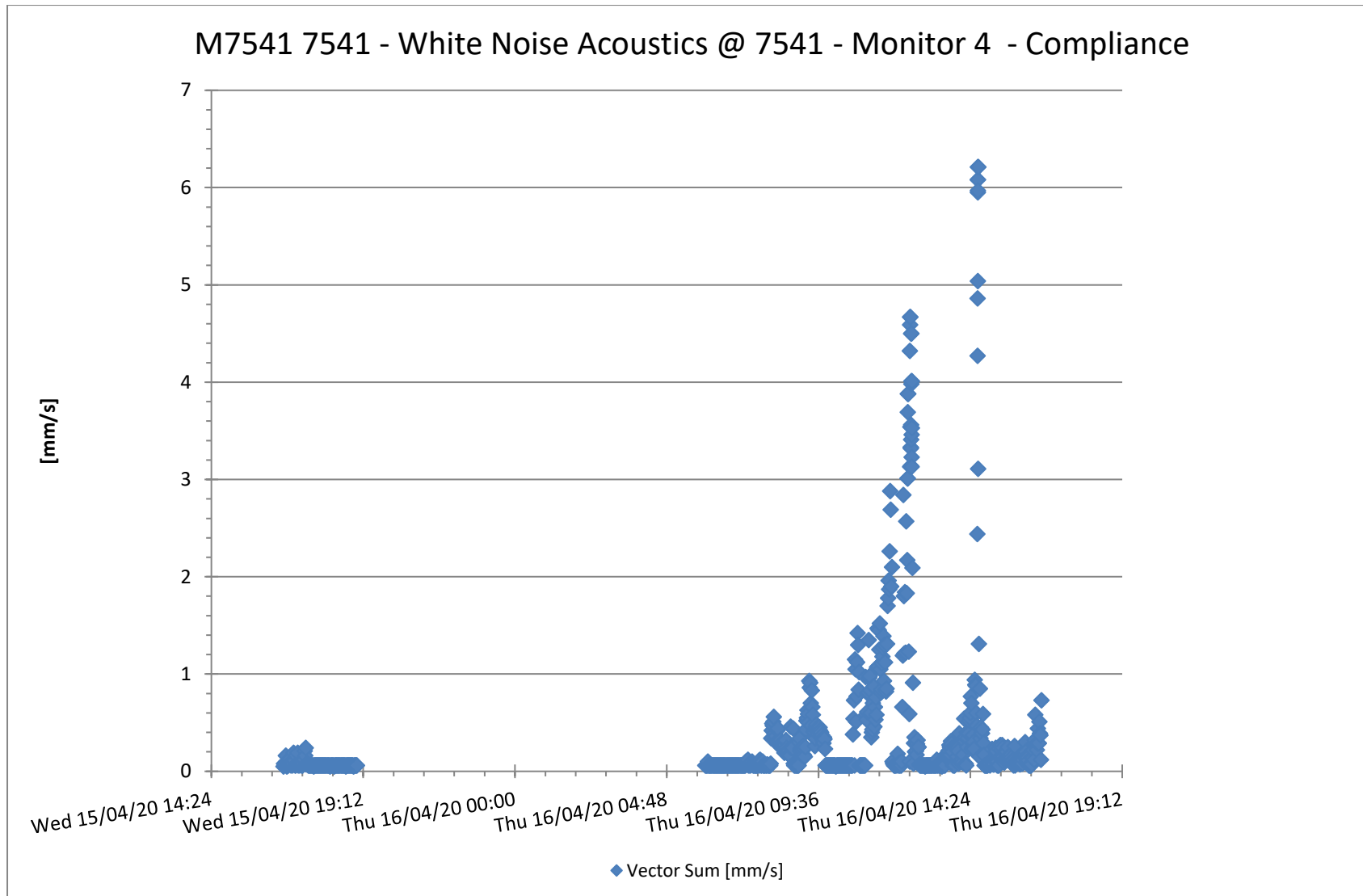
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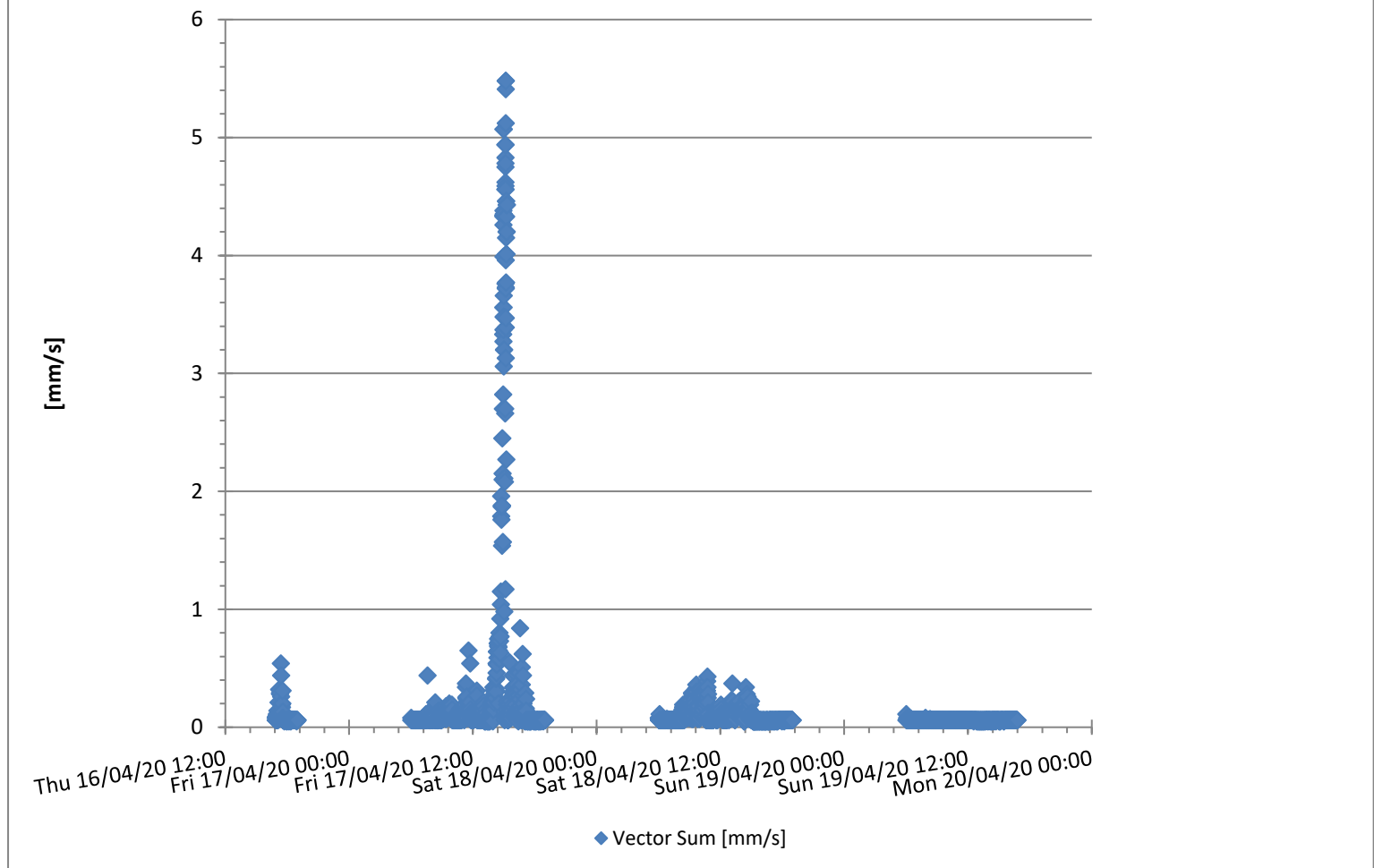
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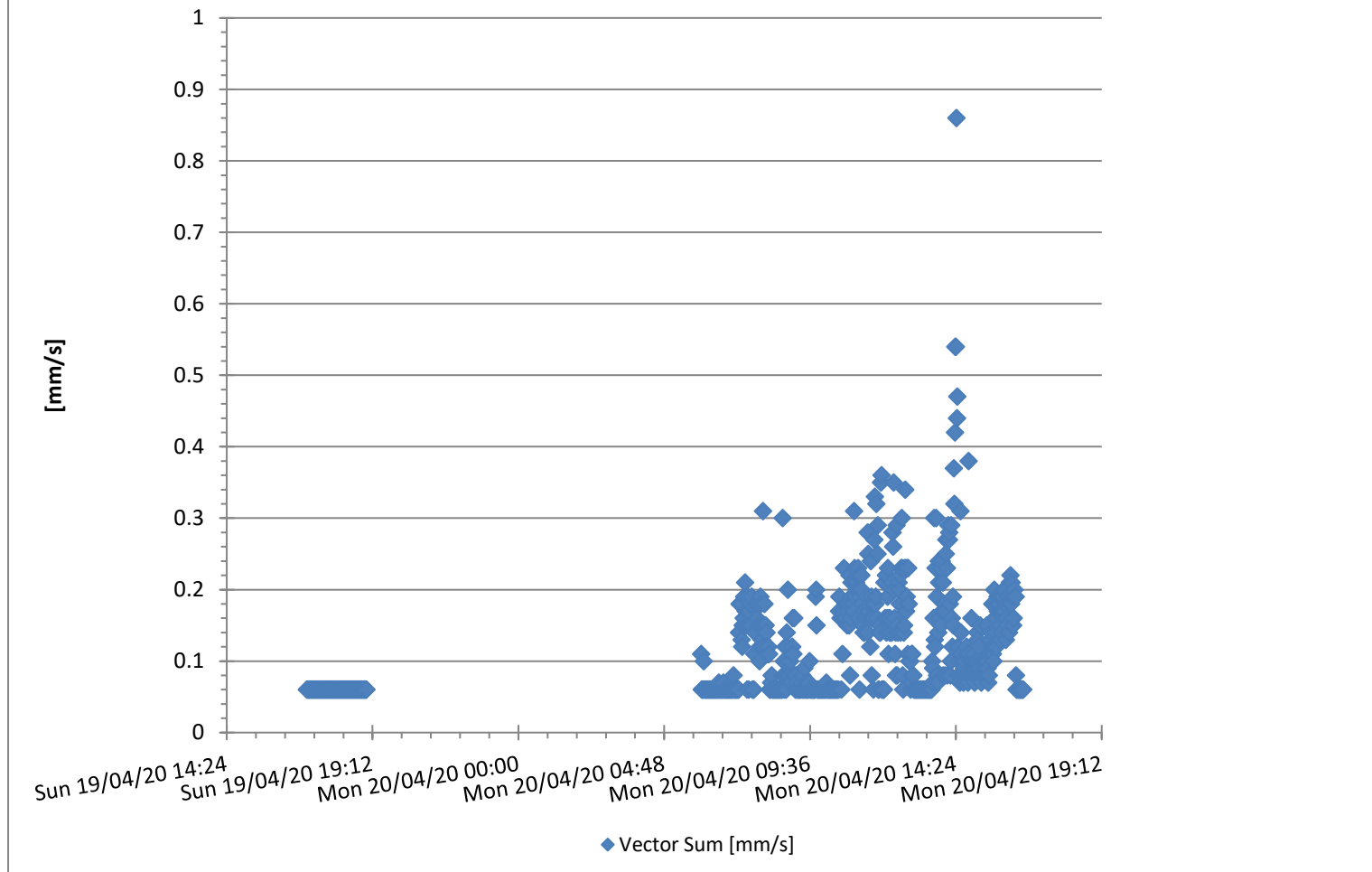
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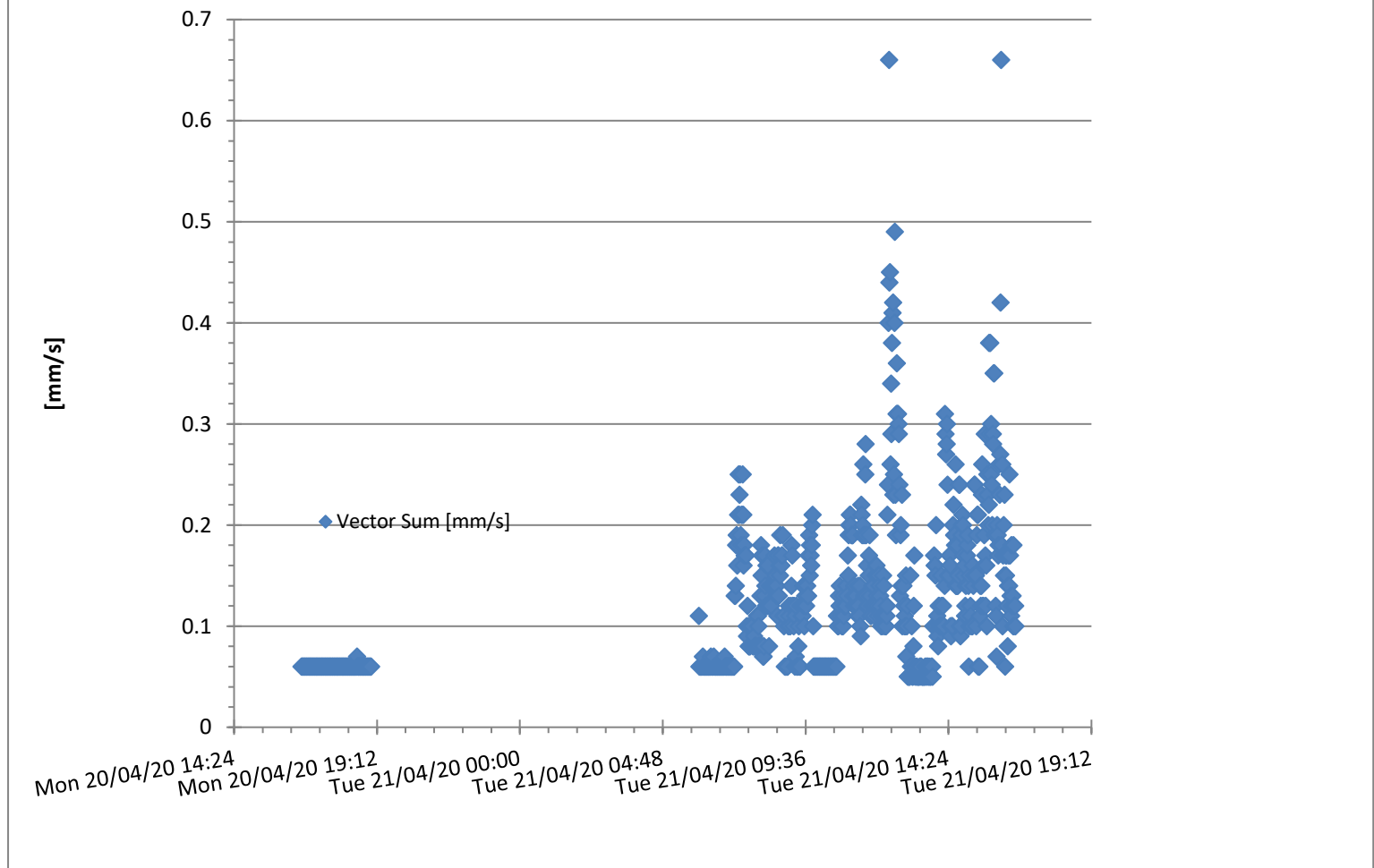
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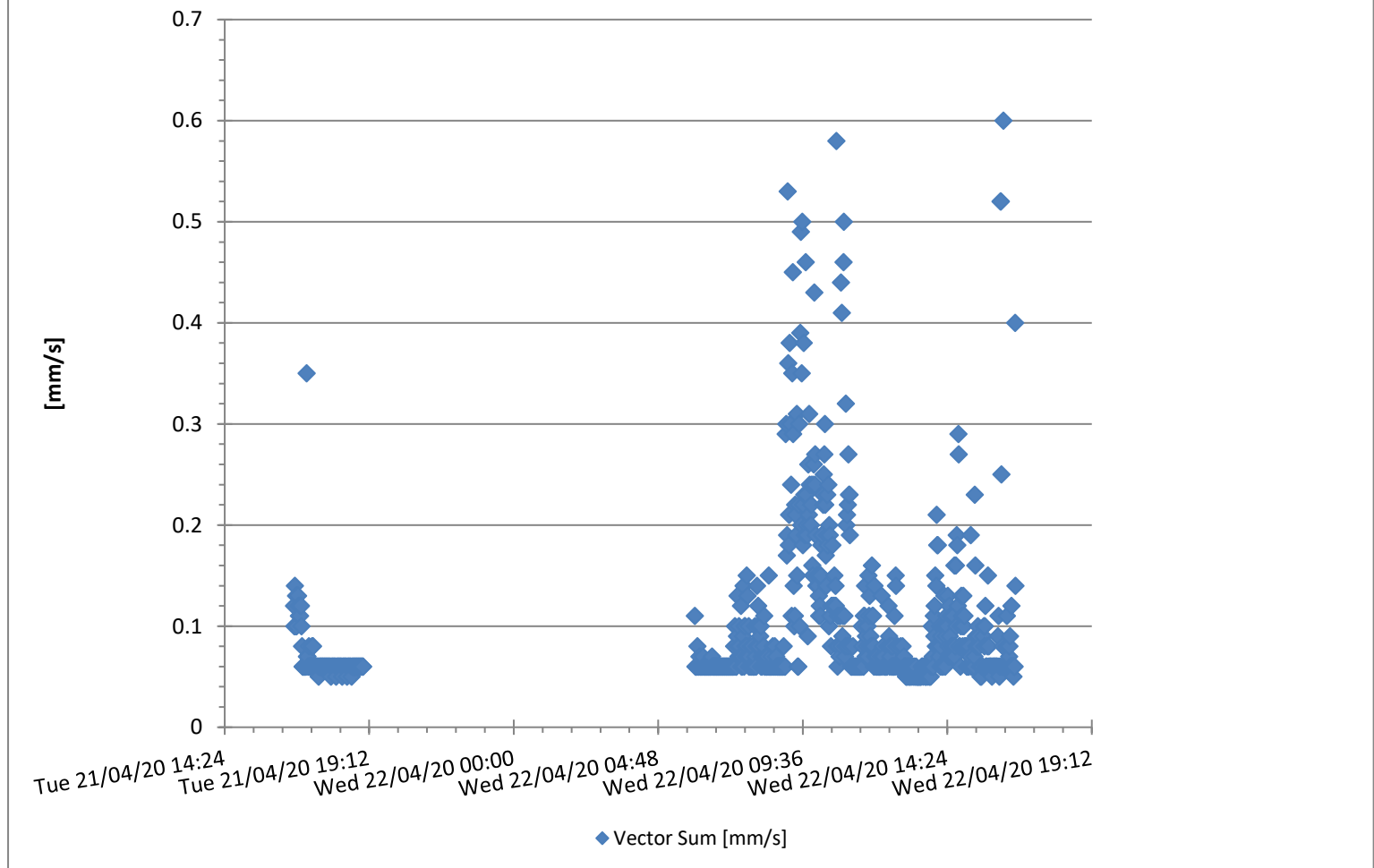
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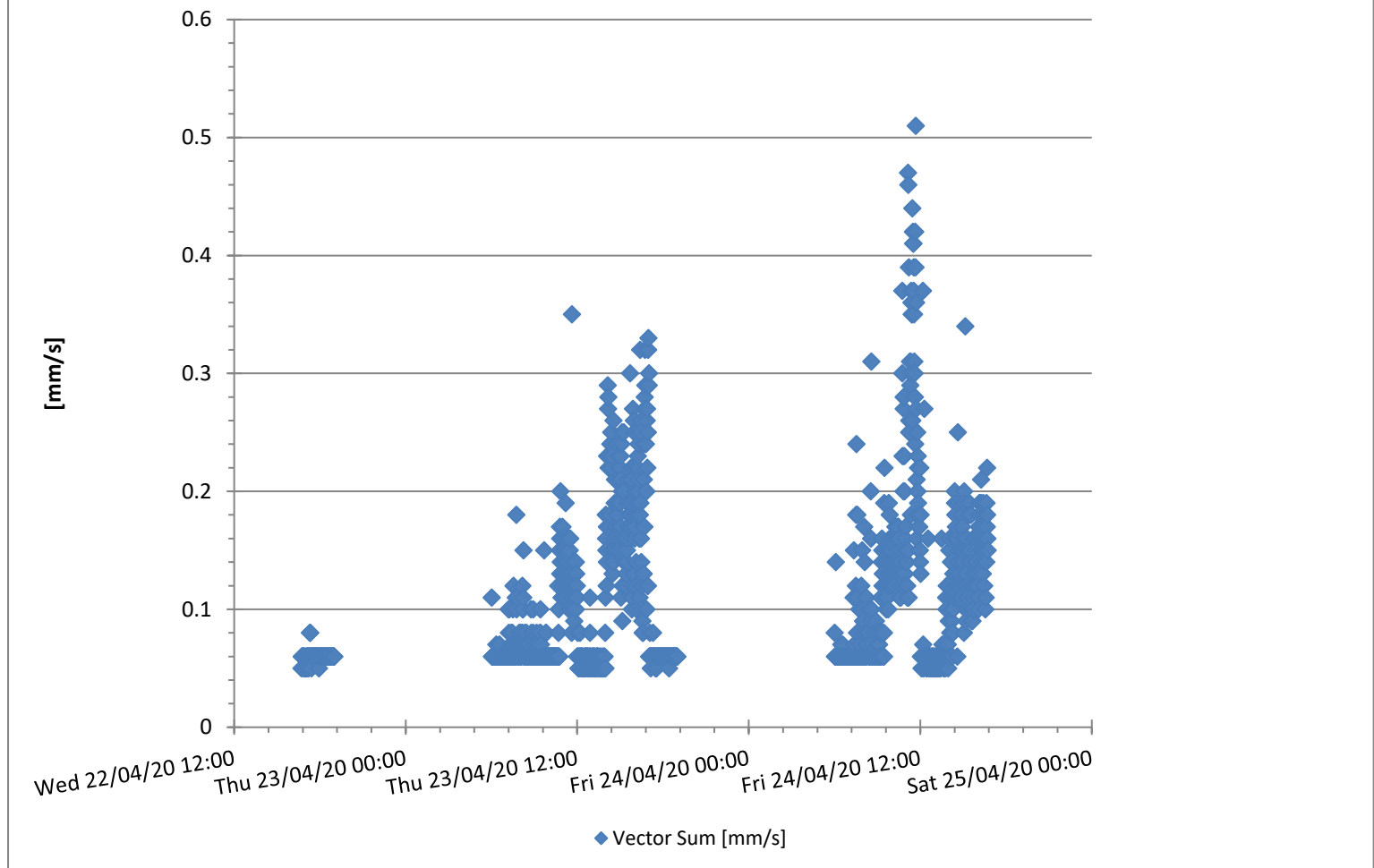
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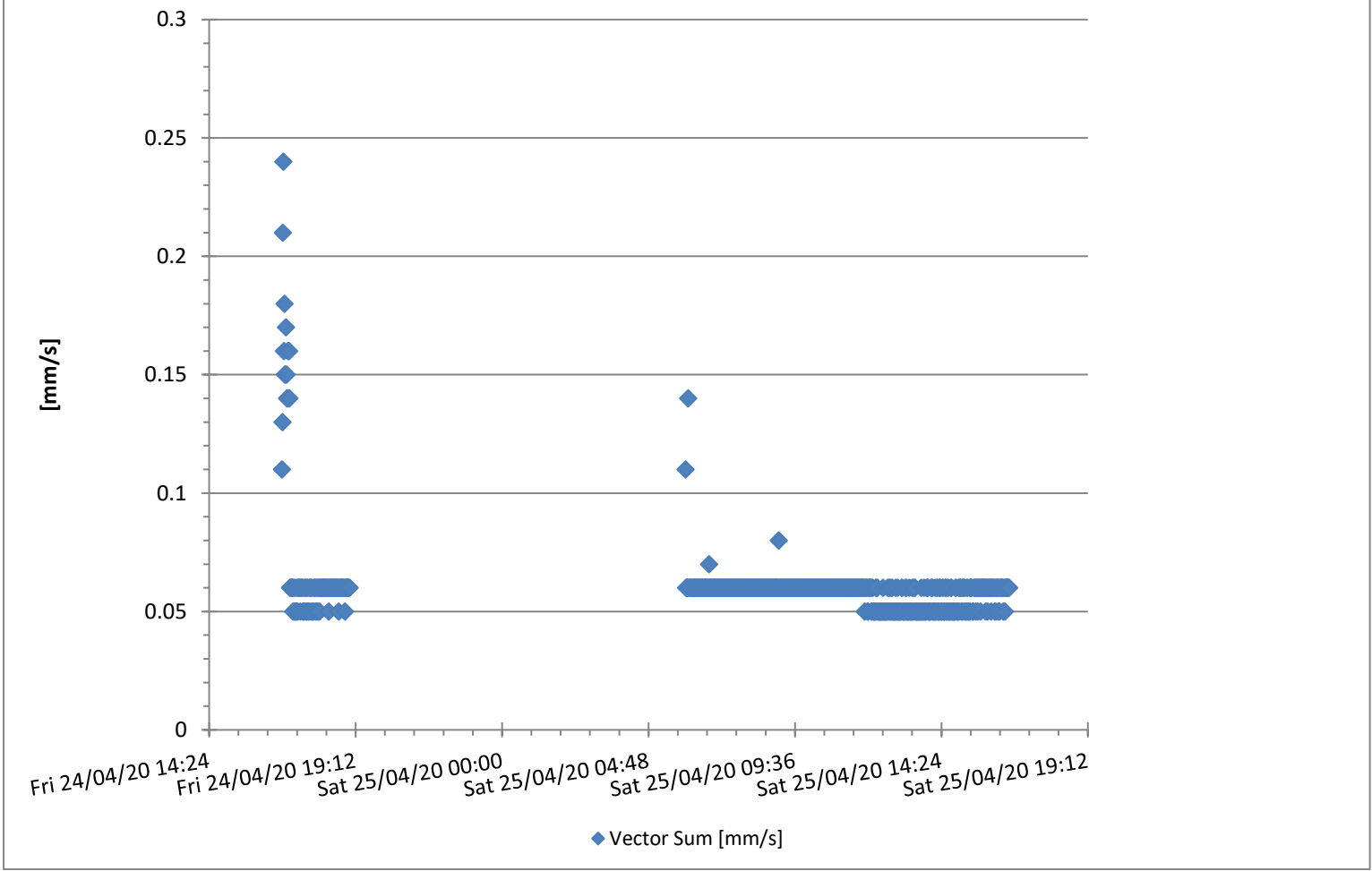
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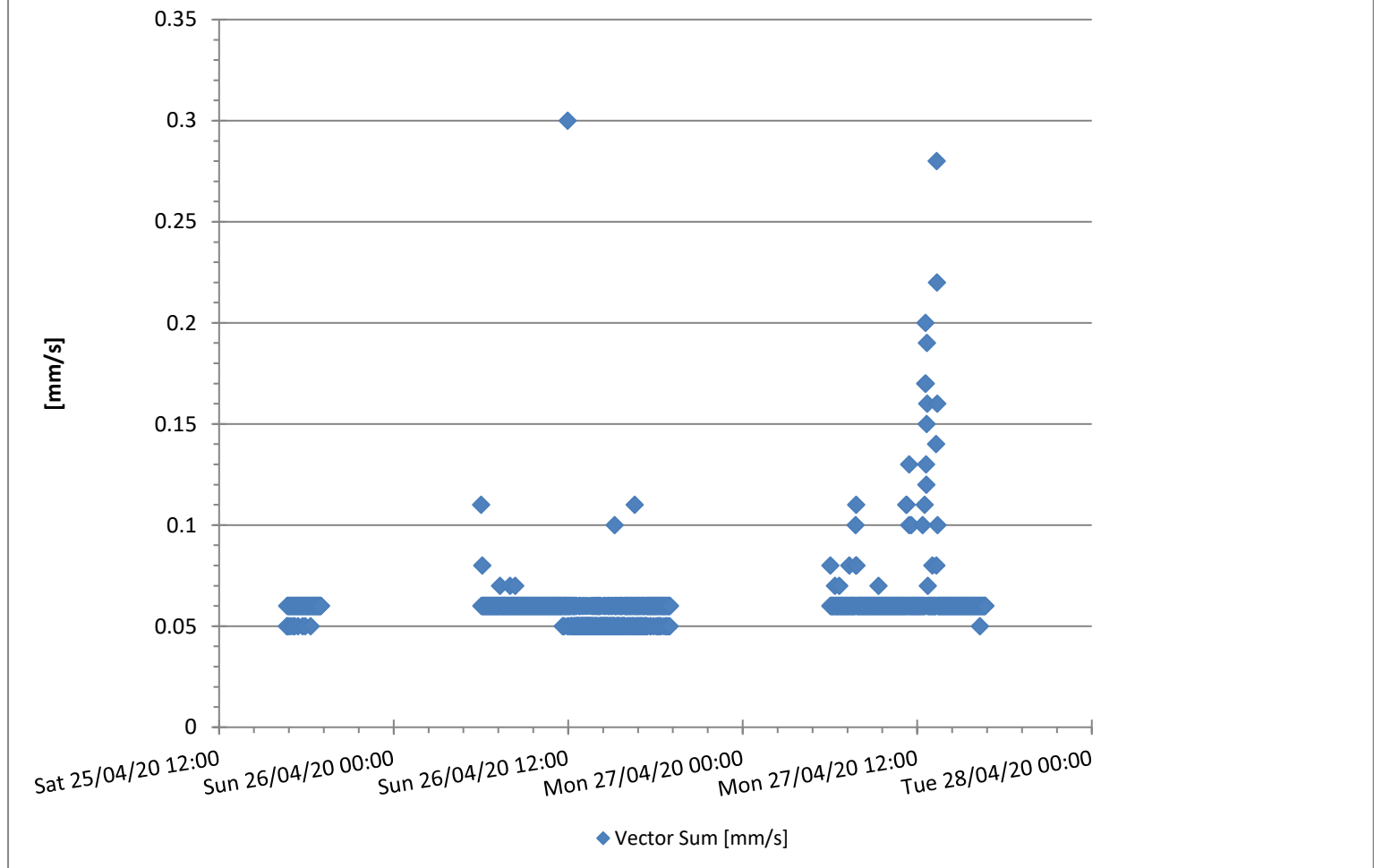
M7541 7541 - White Noise Acoustics @ 7541 - Monitor 4 - Compliance



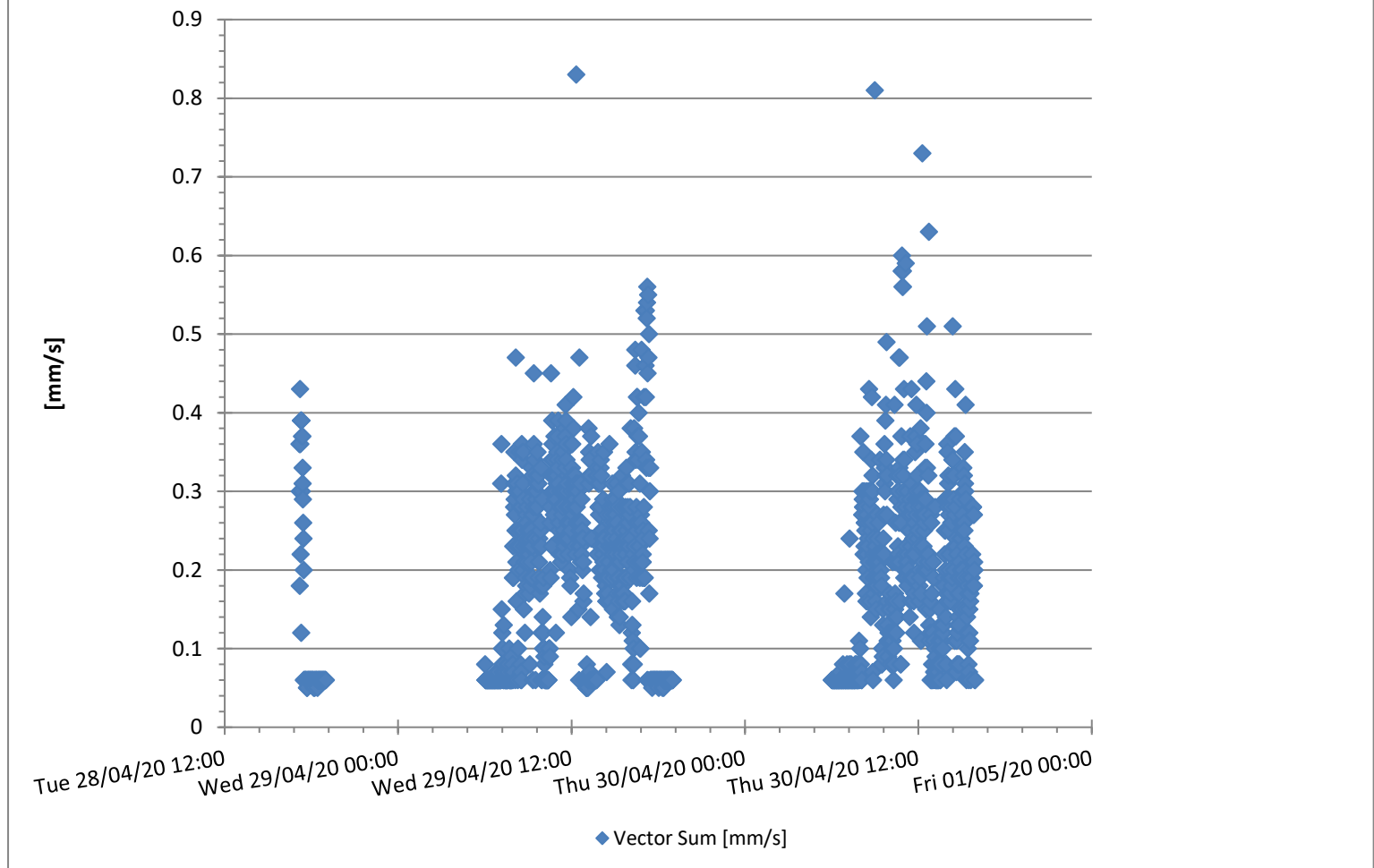
M7541 7541 - White Noise Acoustics @ 7541 - Monitor 4 - Compliance



M7541 7541 - White Noise Acoustics @ 7541 - Monitor 4 - Compliance

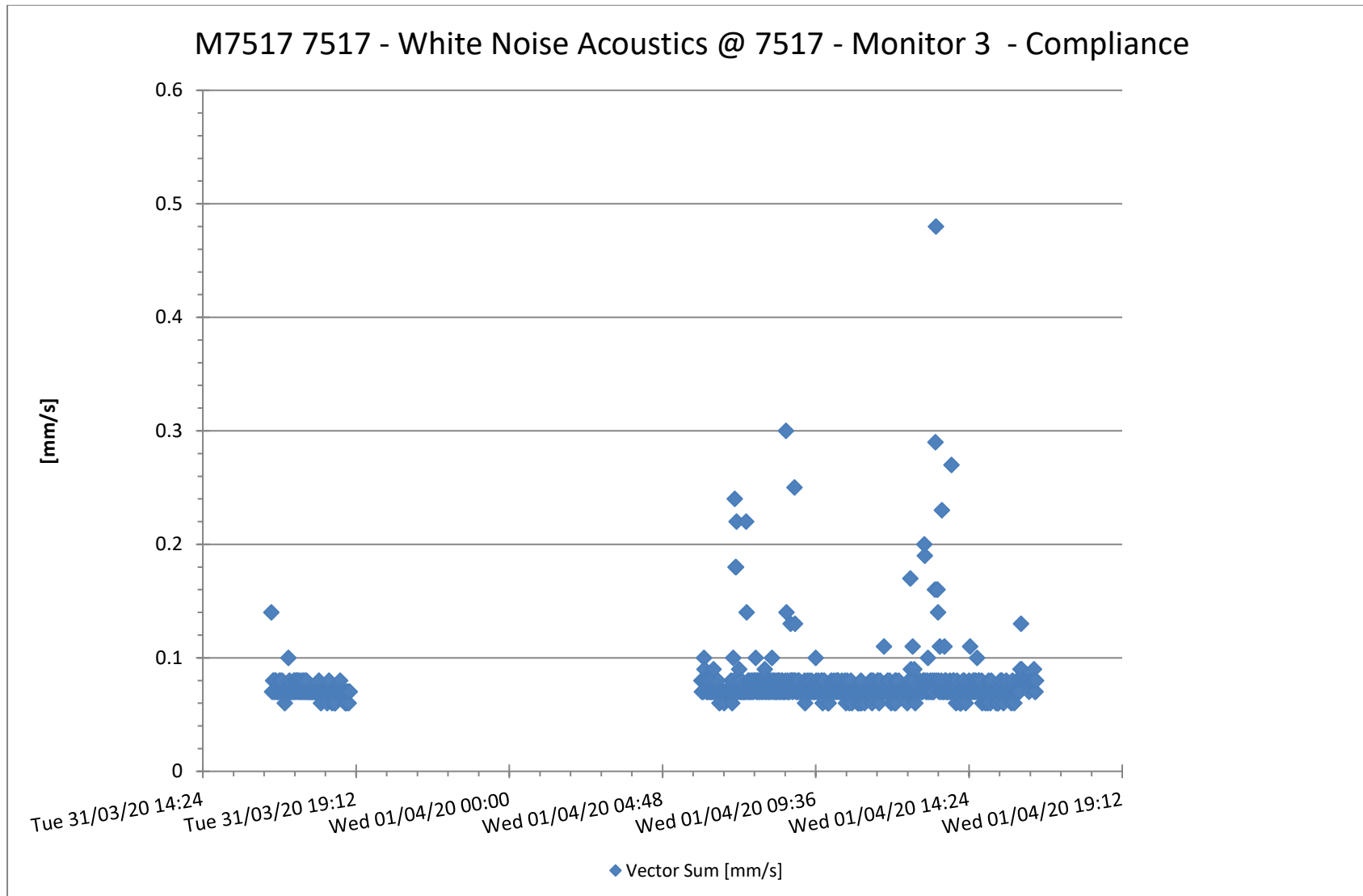


M7541 7541 - White Noise Acoustics @ 7541 - Monitor 4 - Compliance

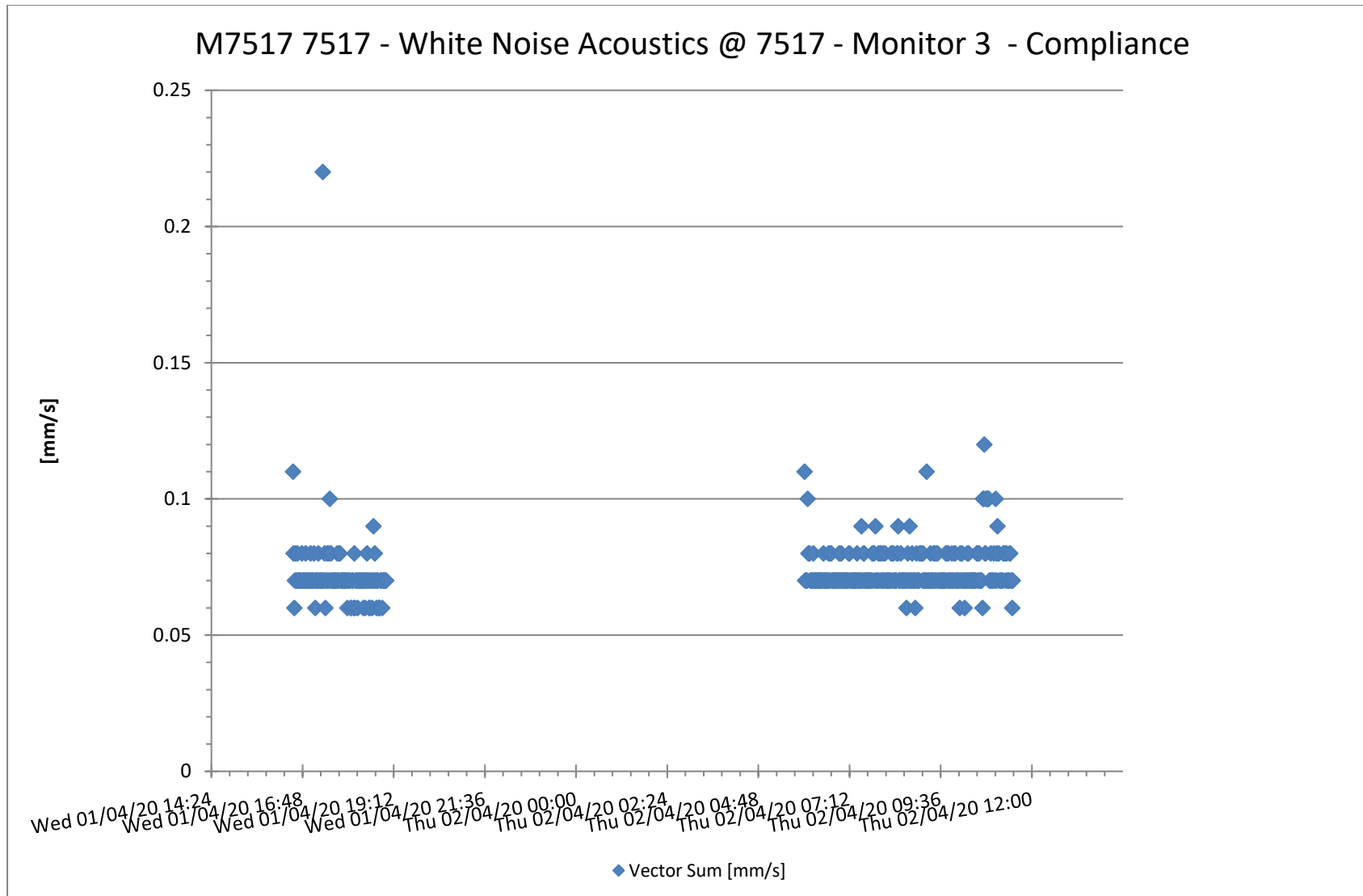


11 Appendix E –Logger Location 4 – Monitor M7517

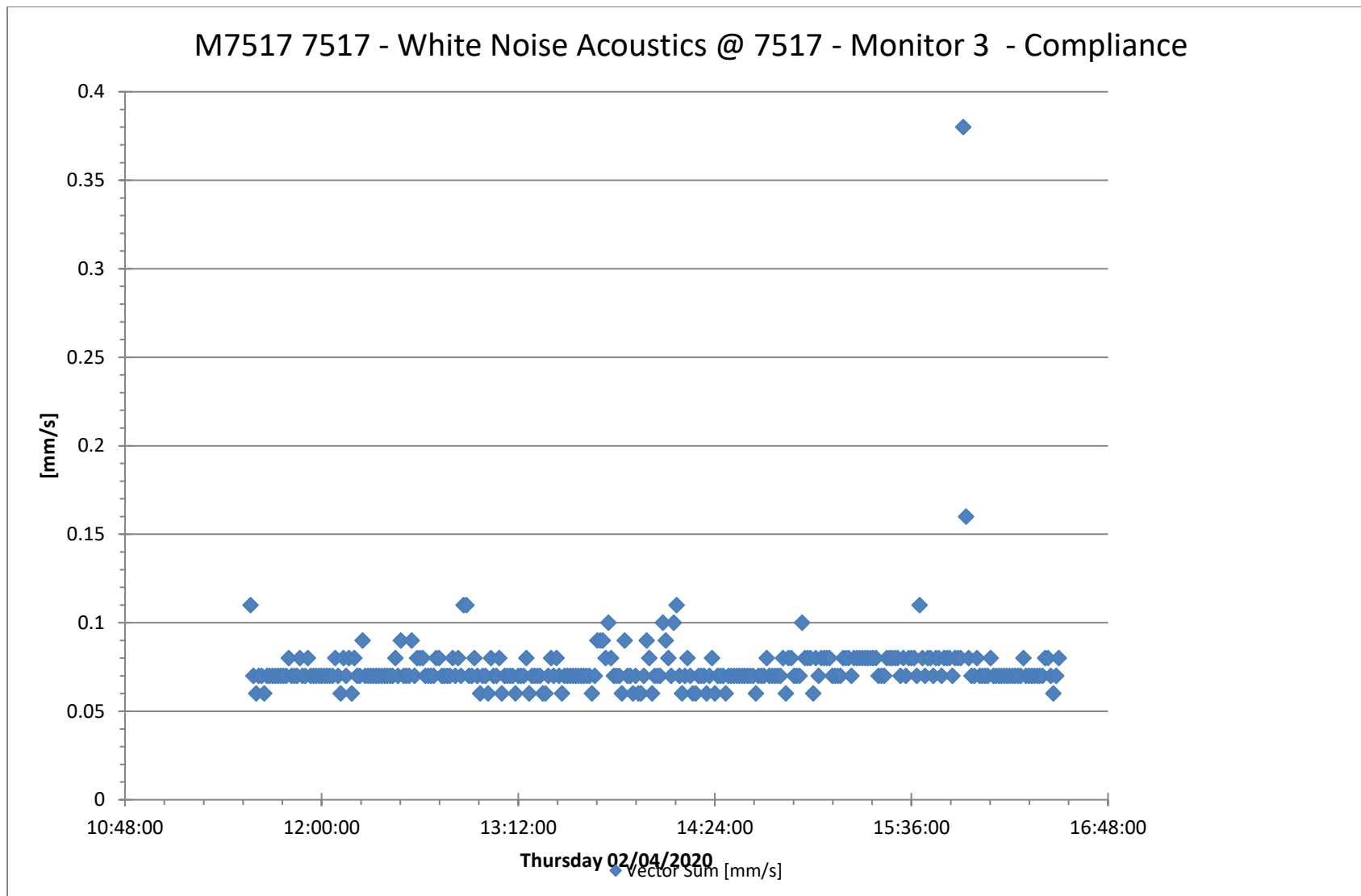
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



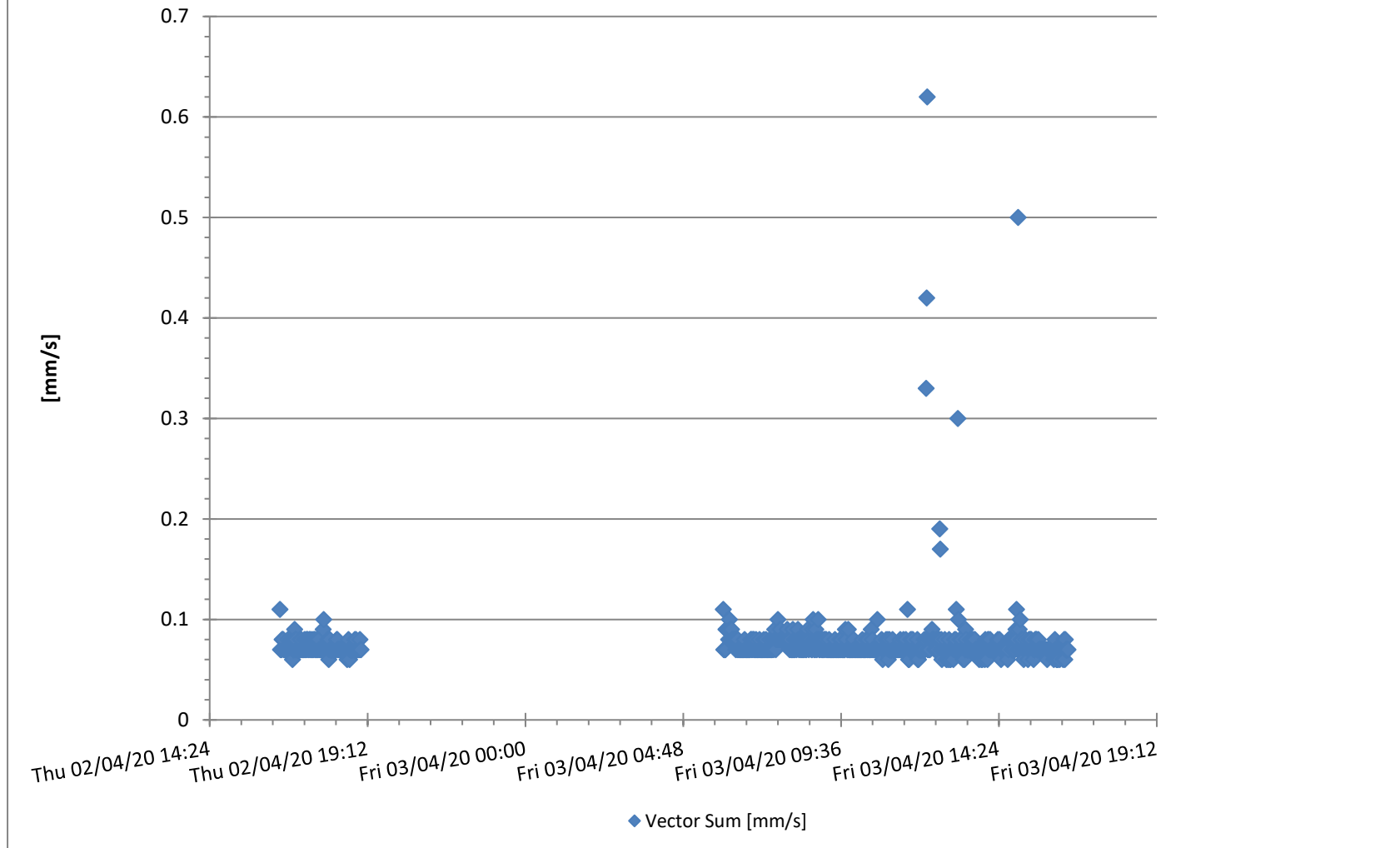
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



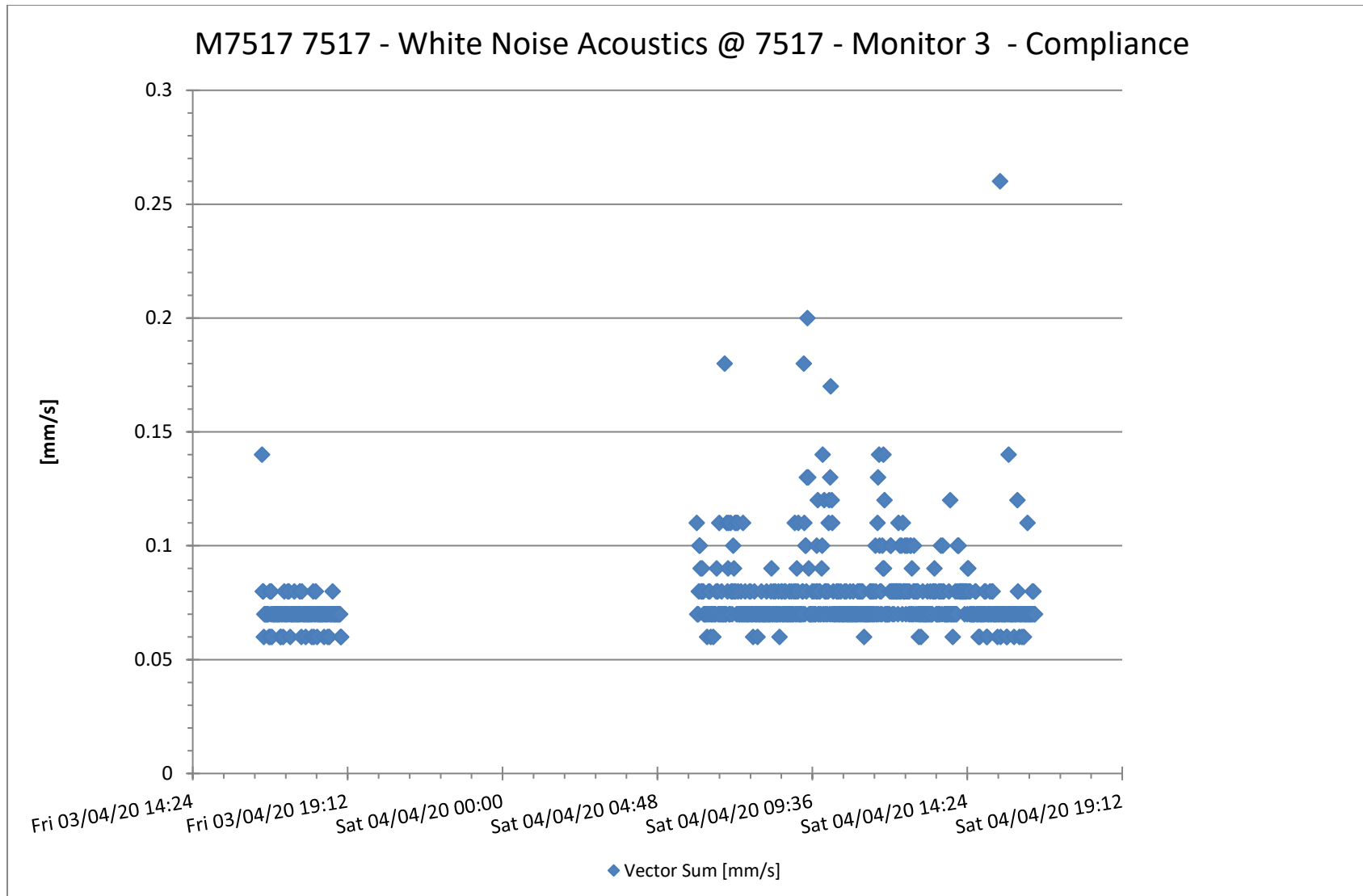
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



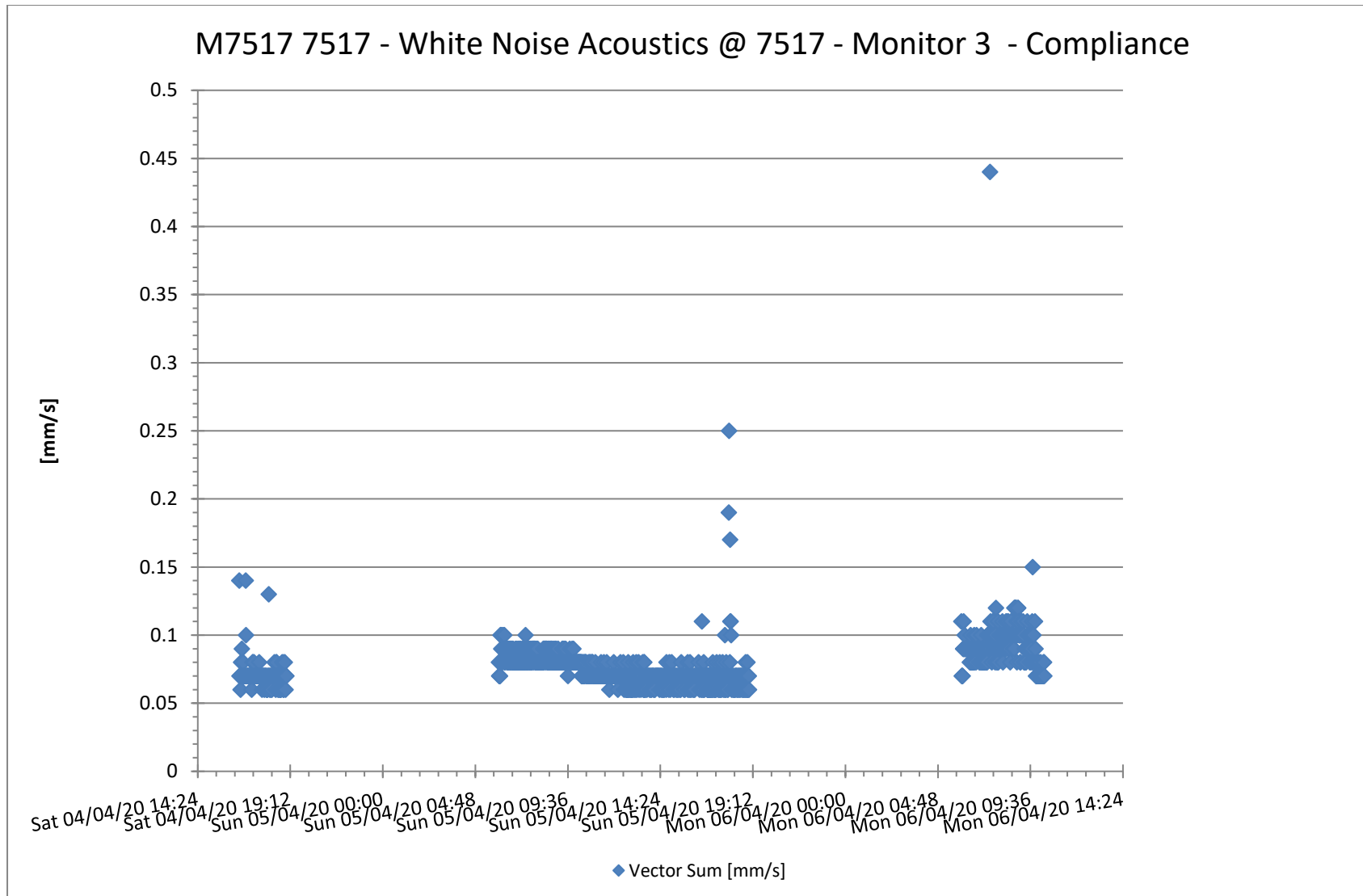
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



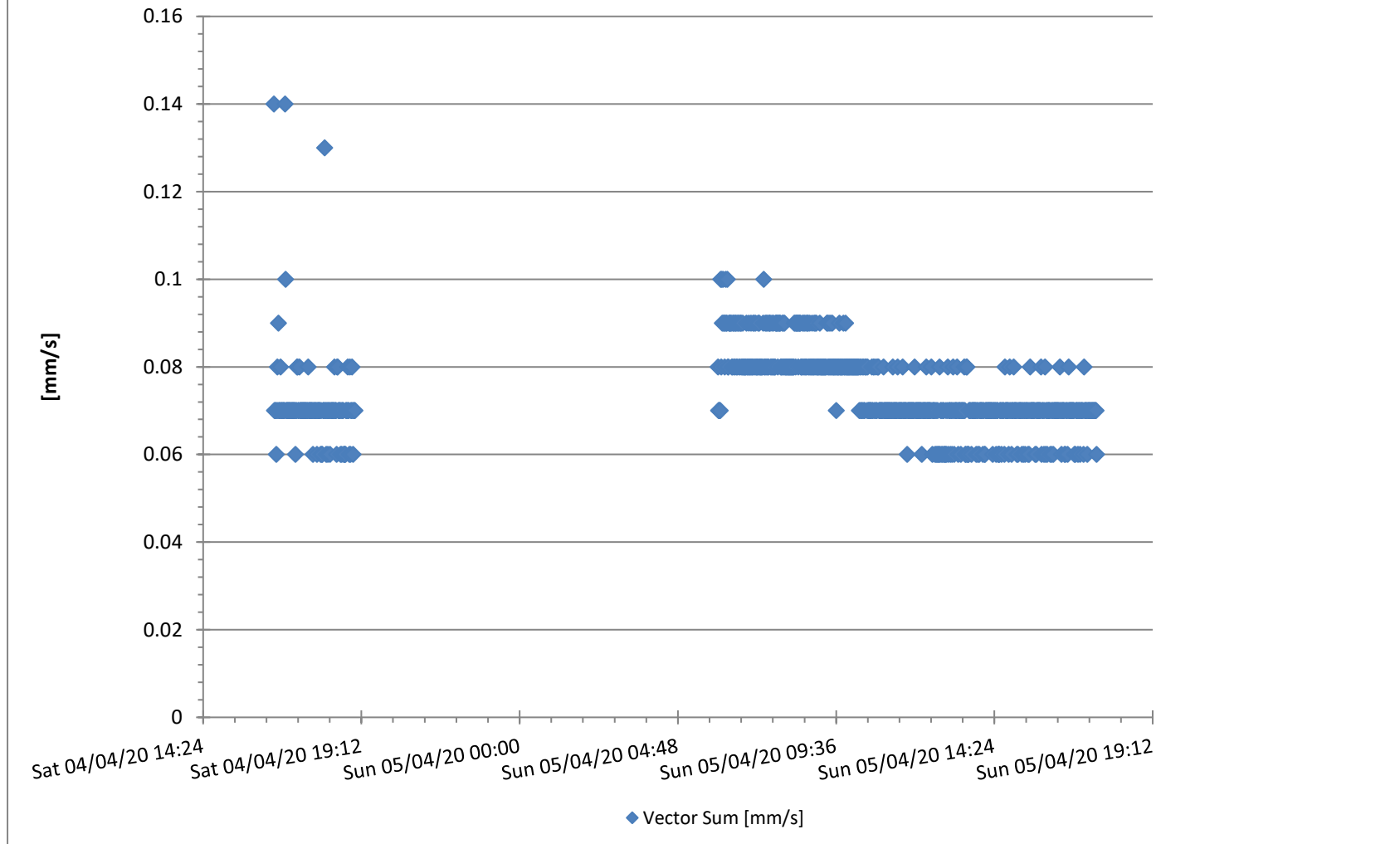
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



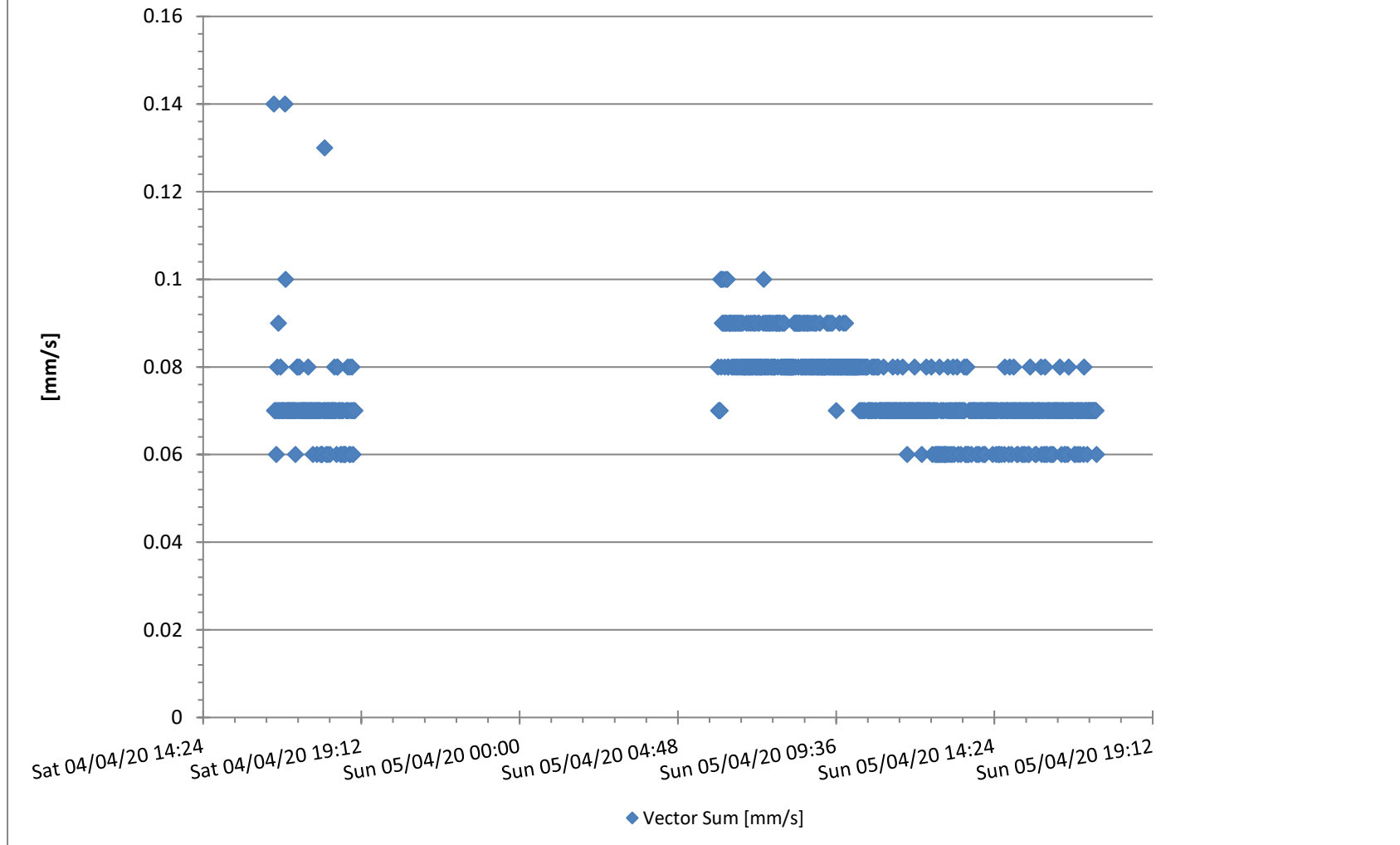
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



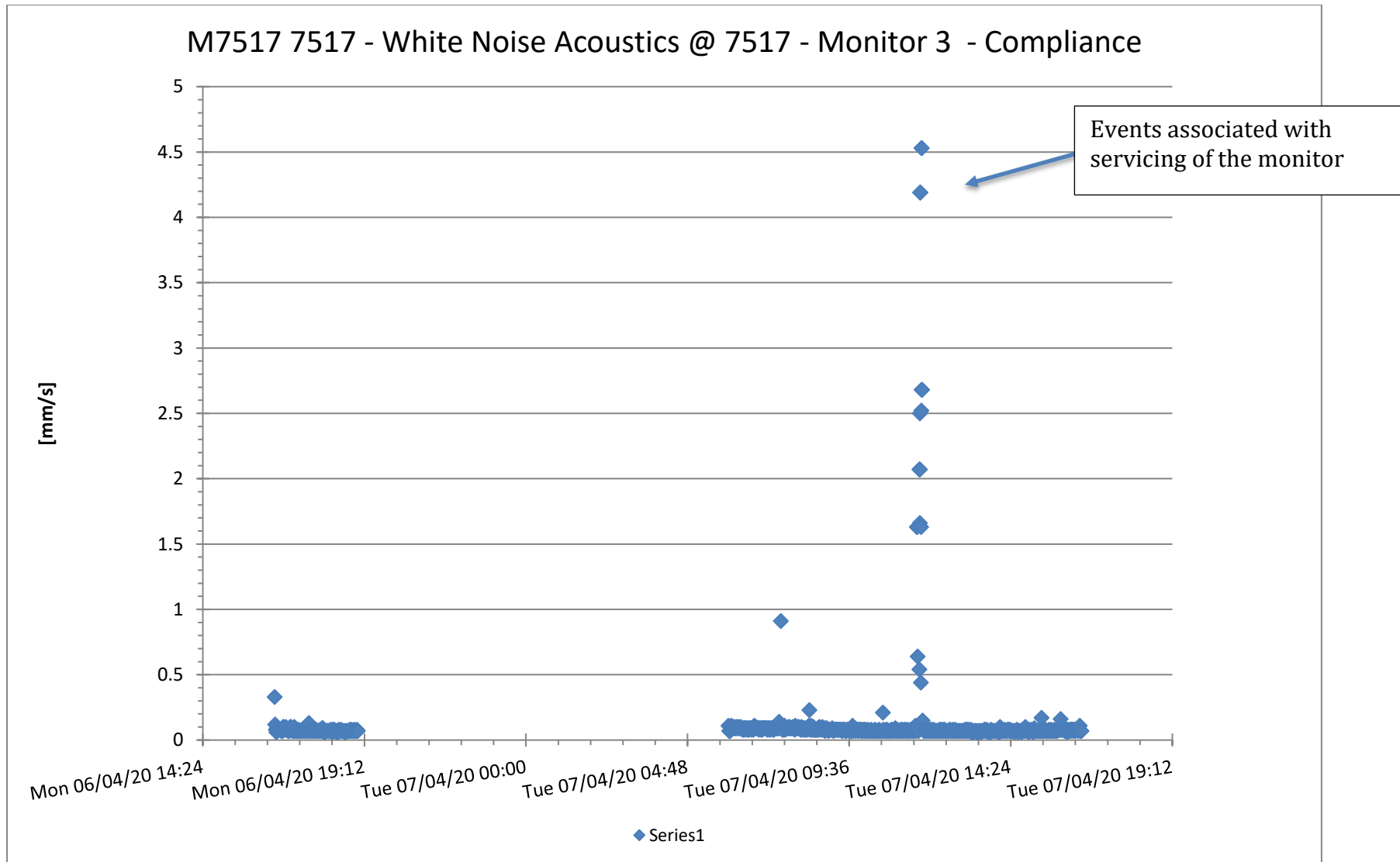
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



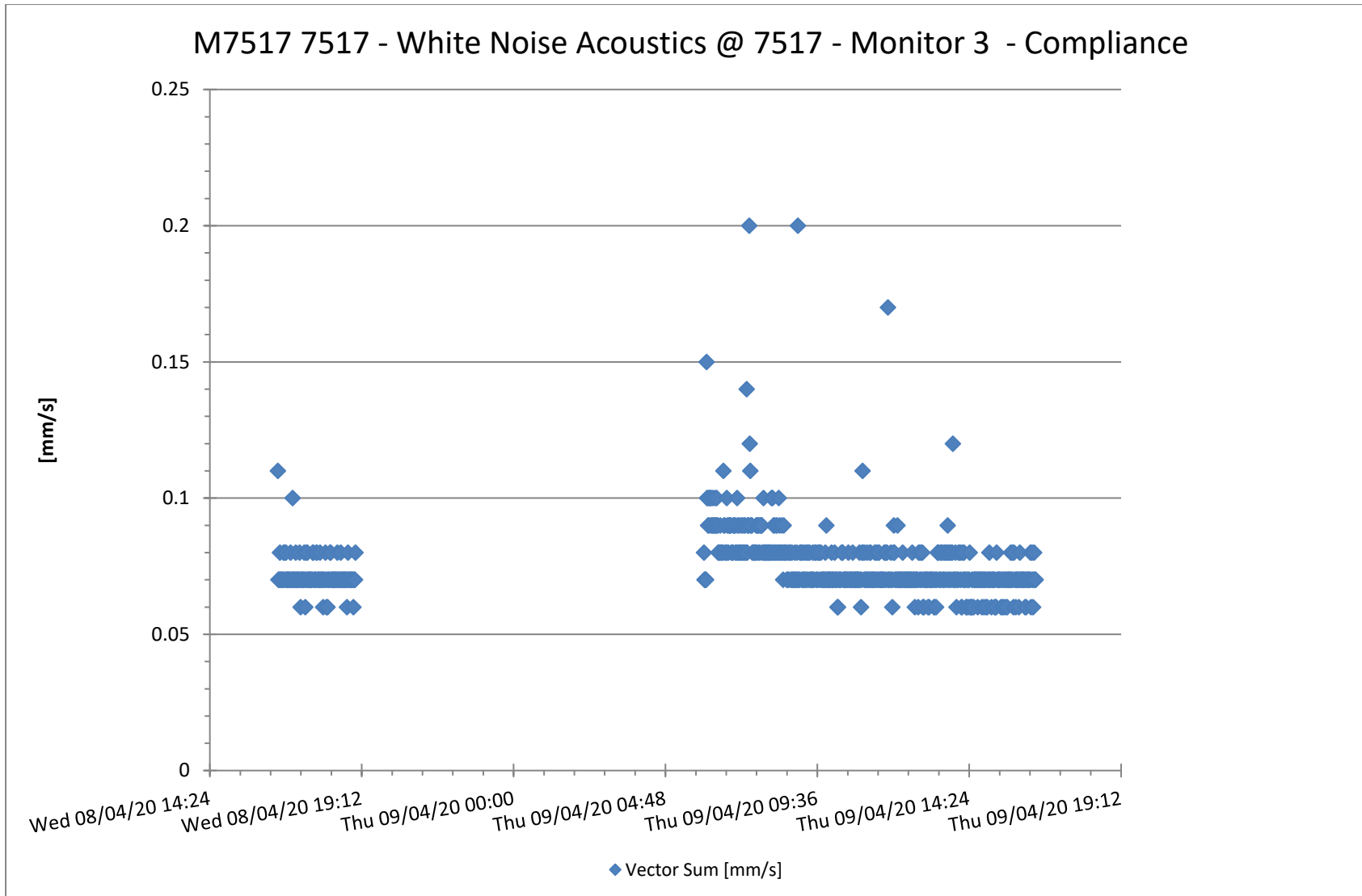
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



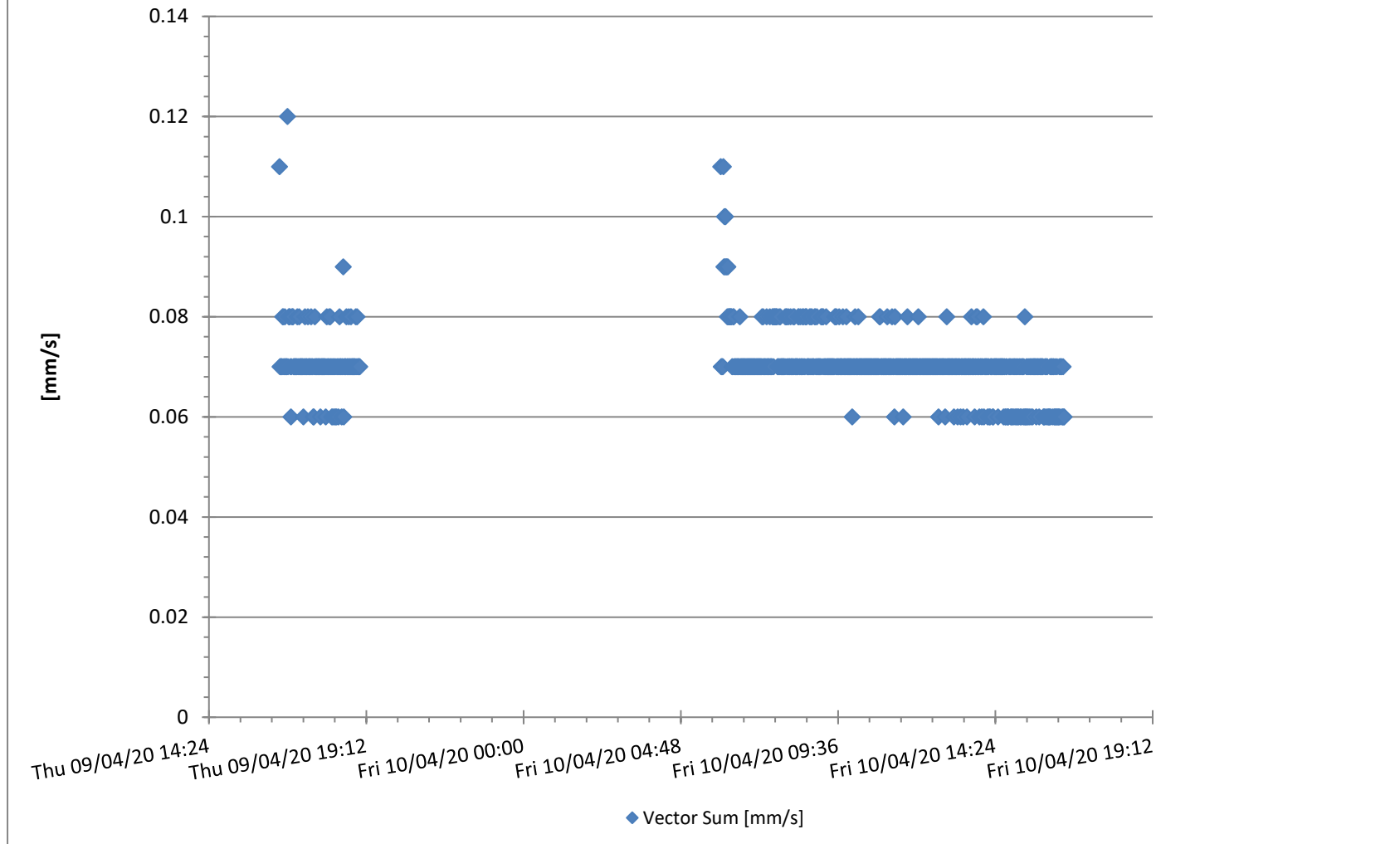
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



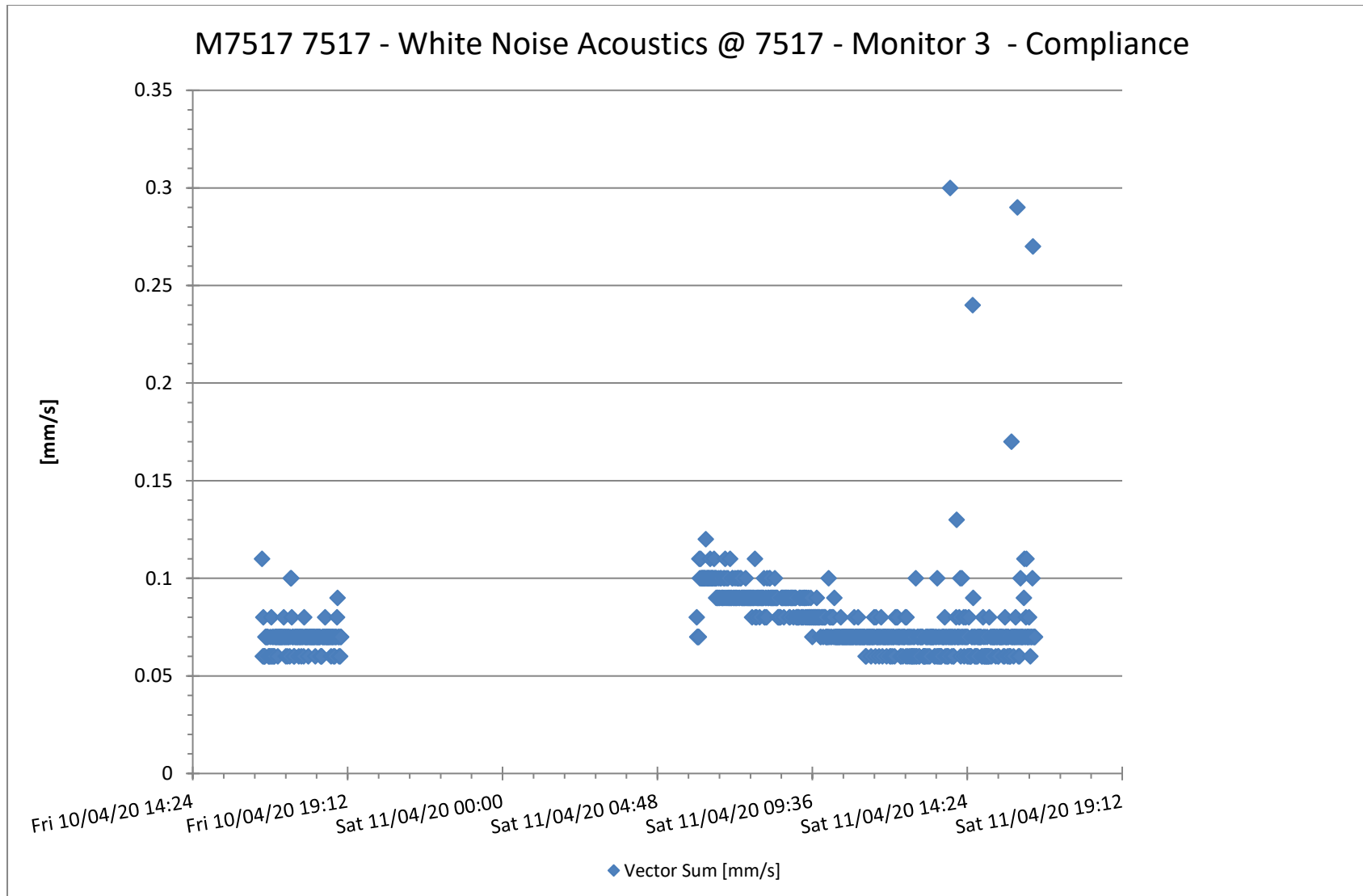
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



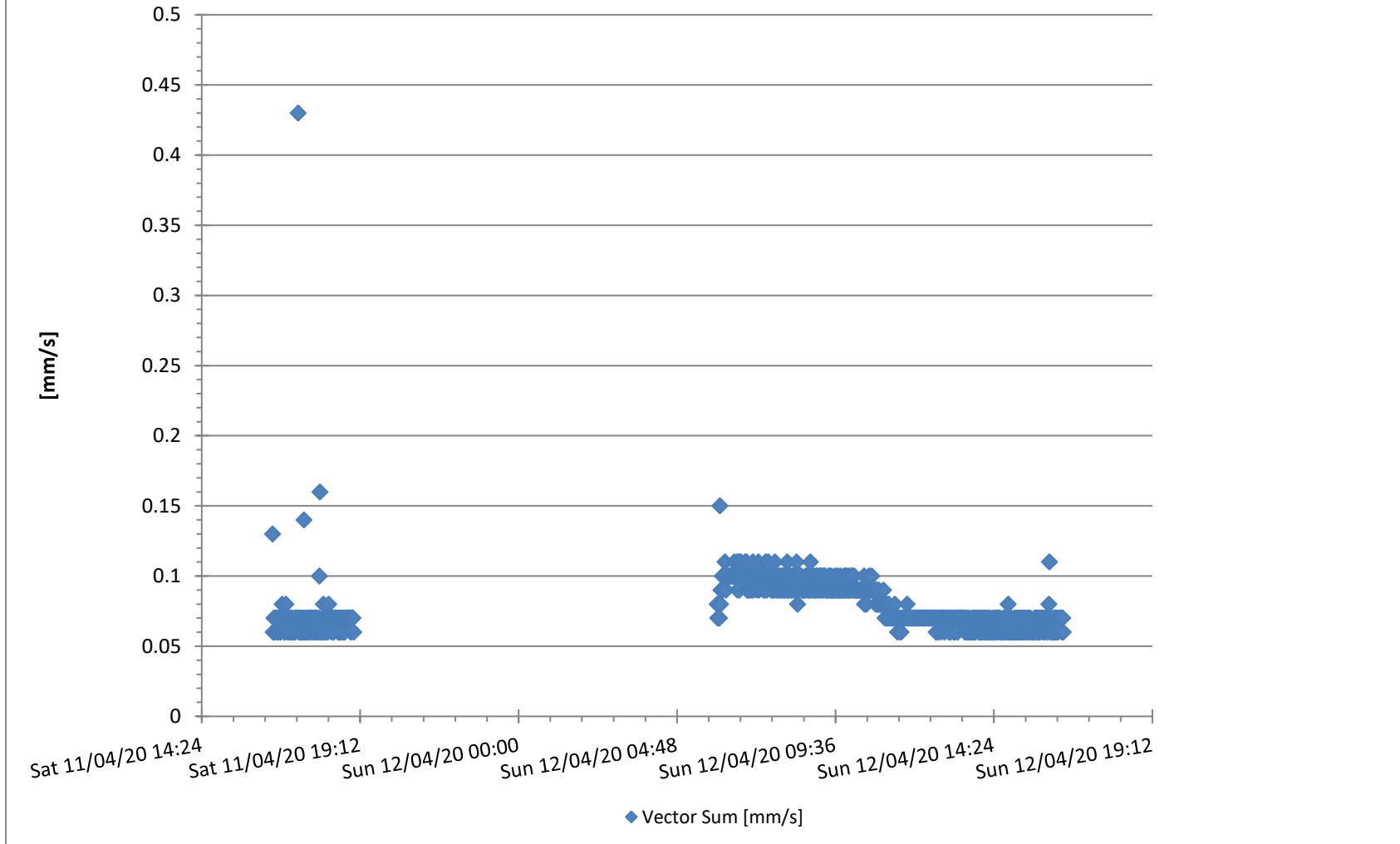
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



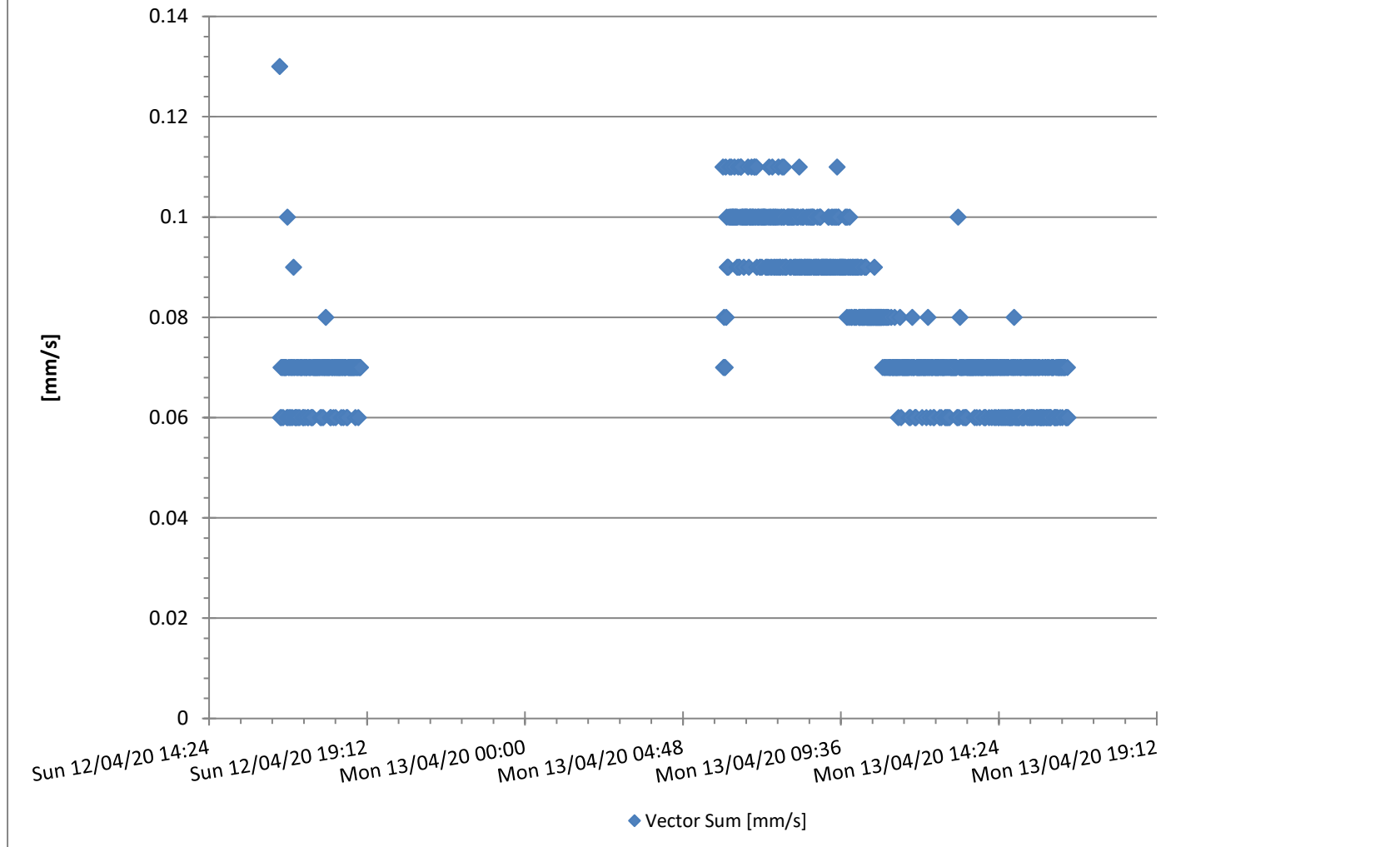
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



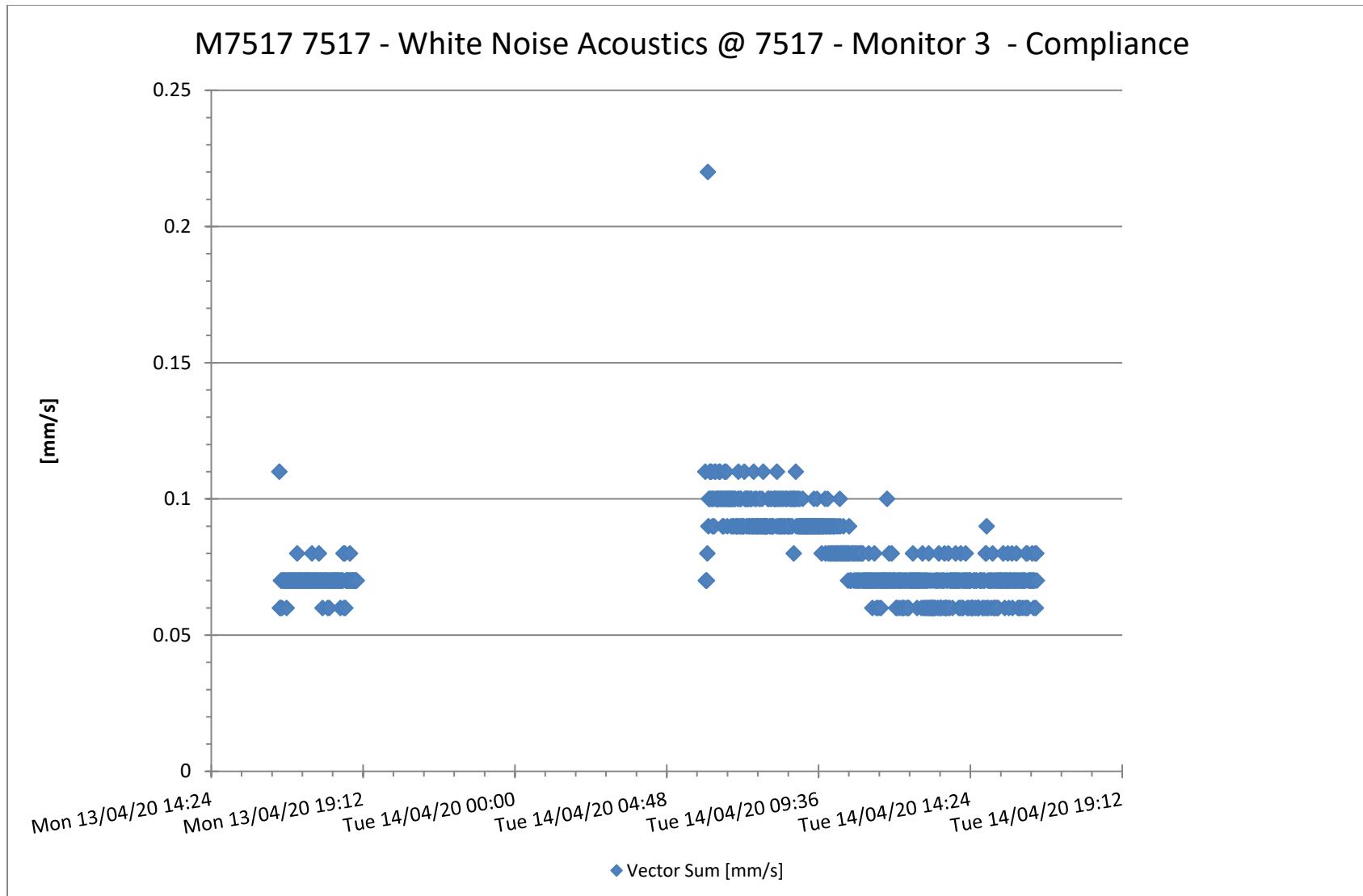
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



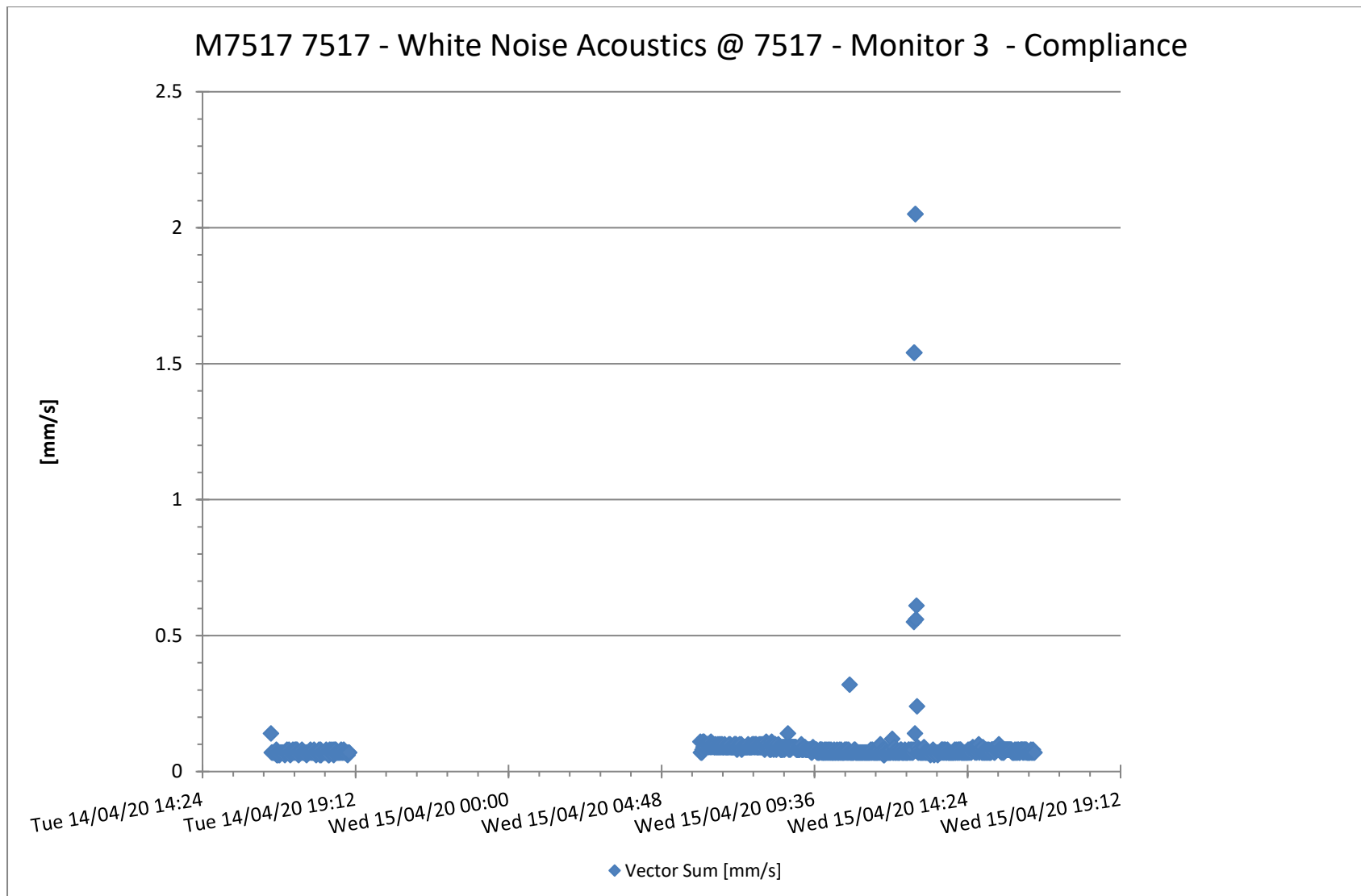
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



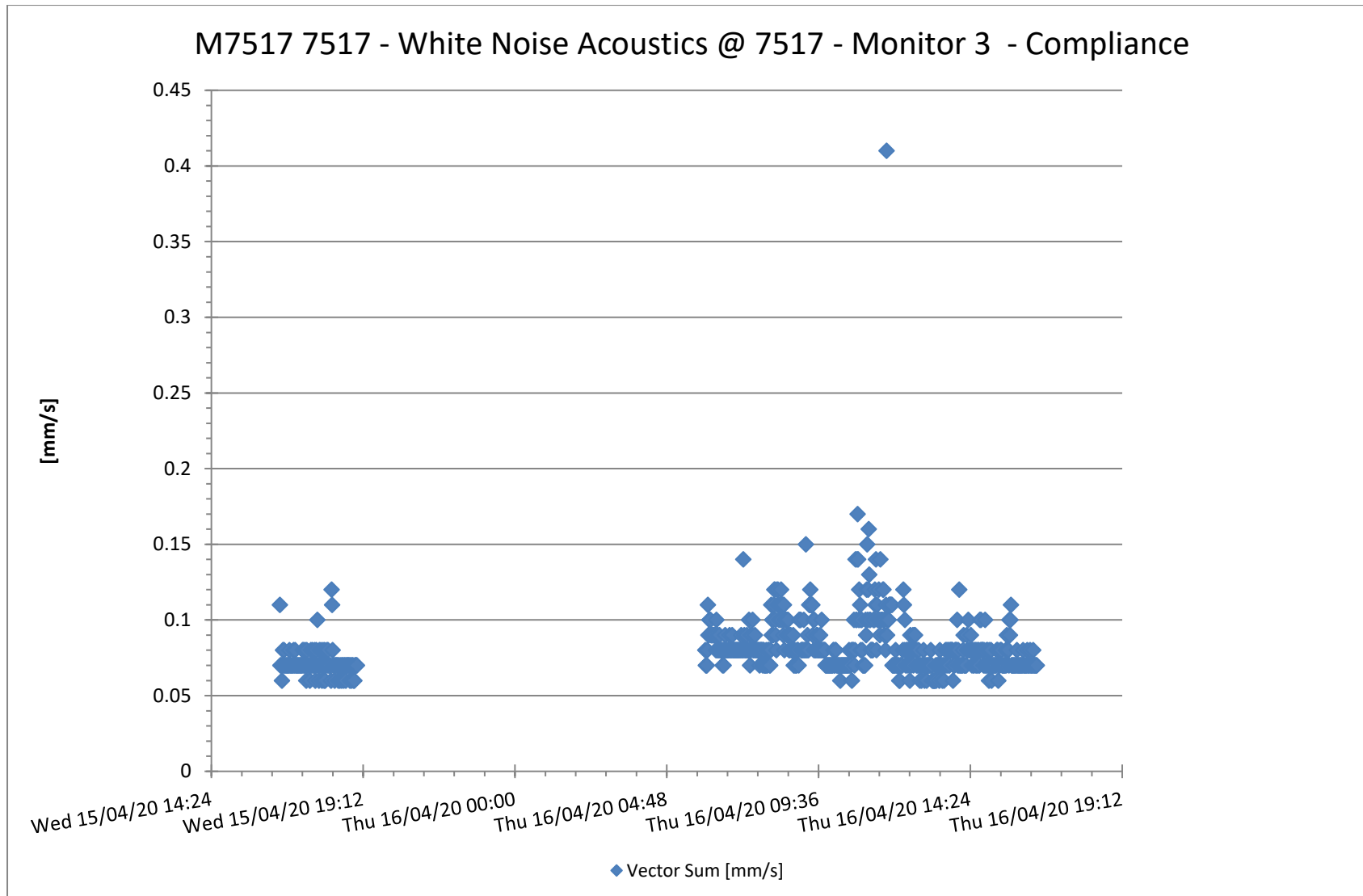
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



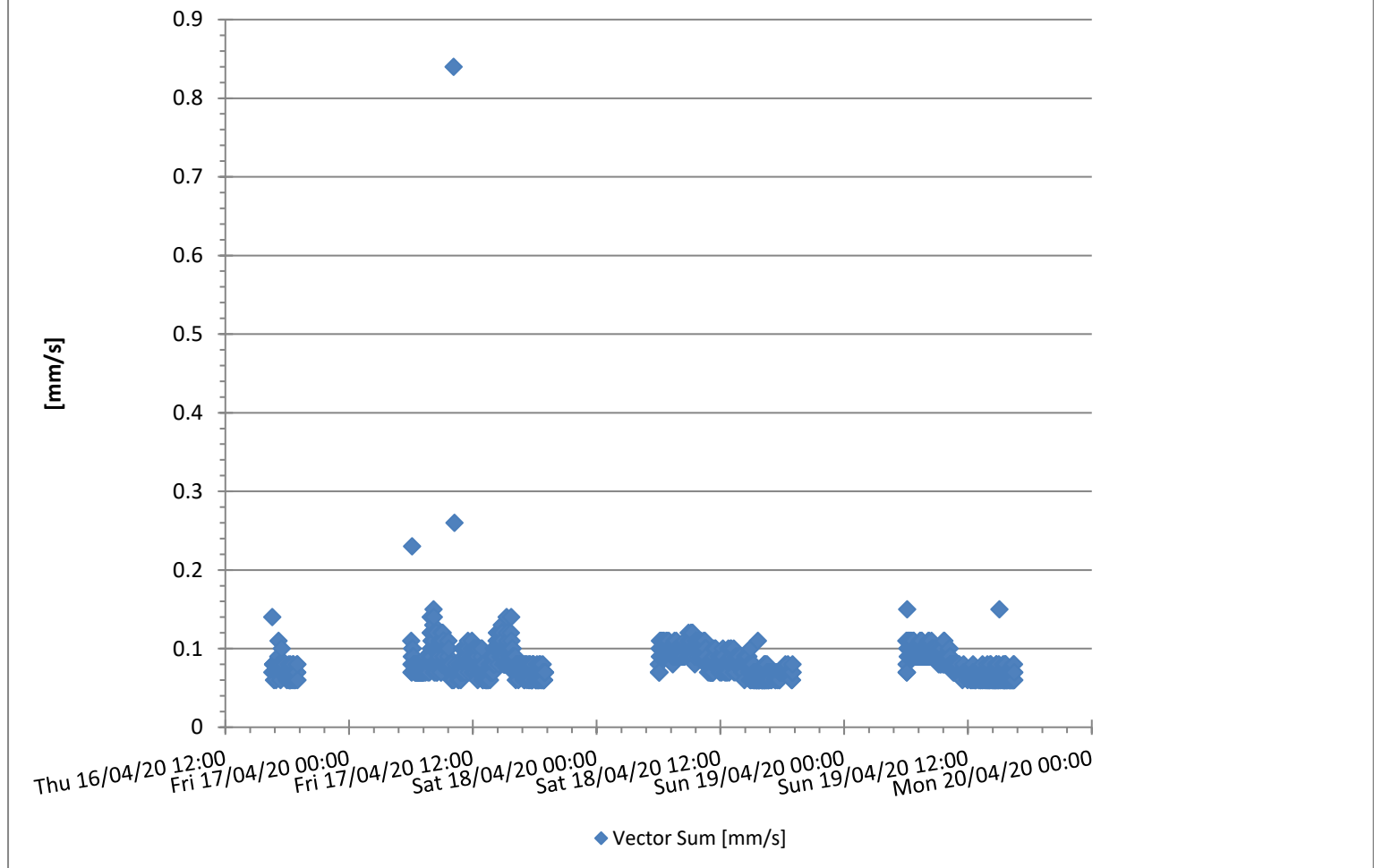
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



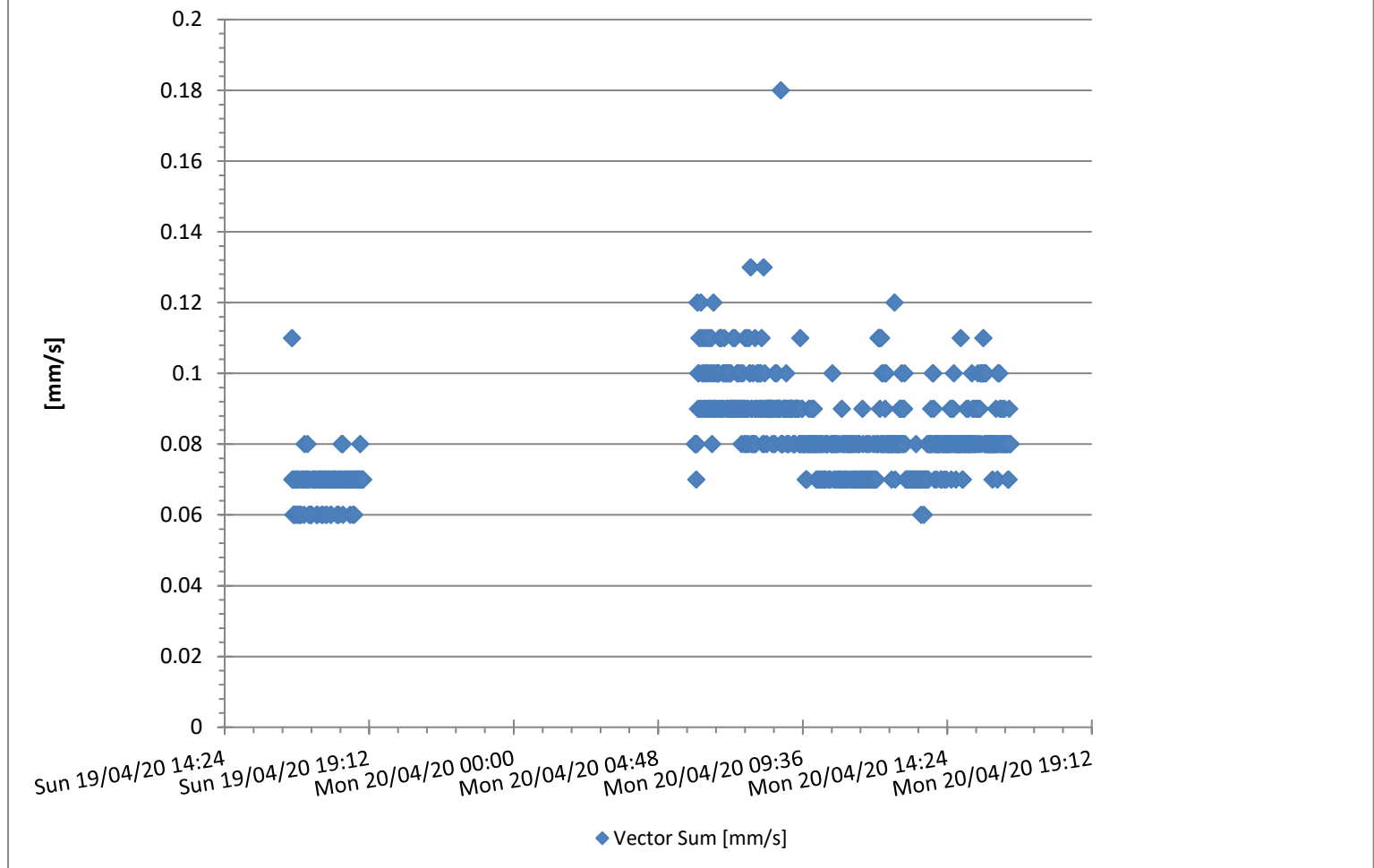
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



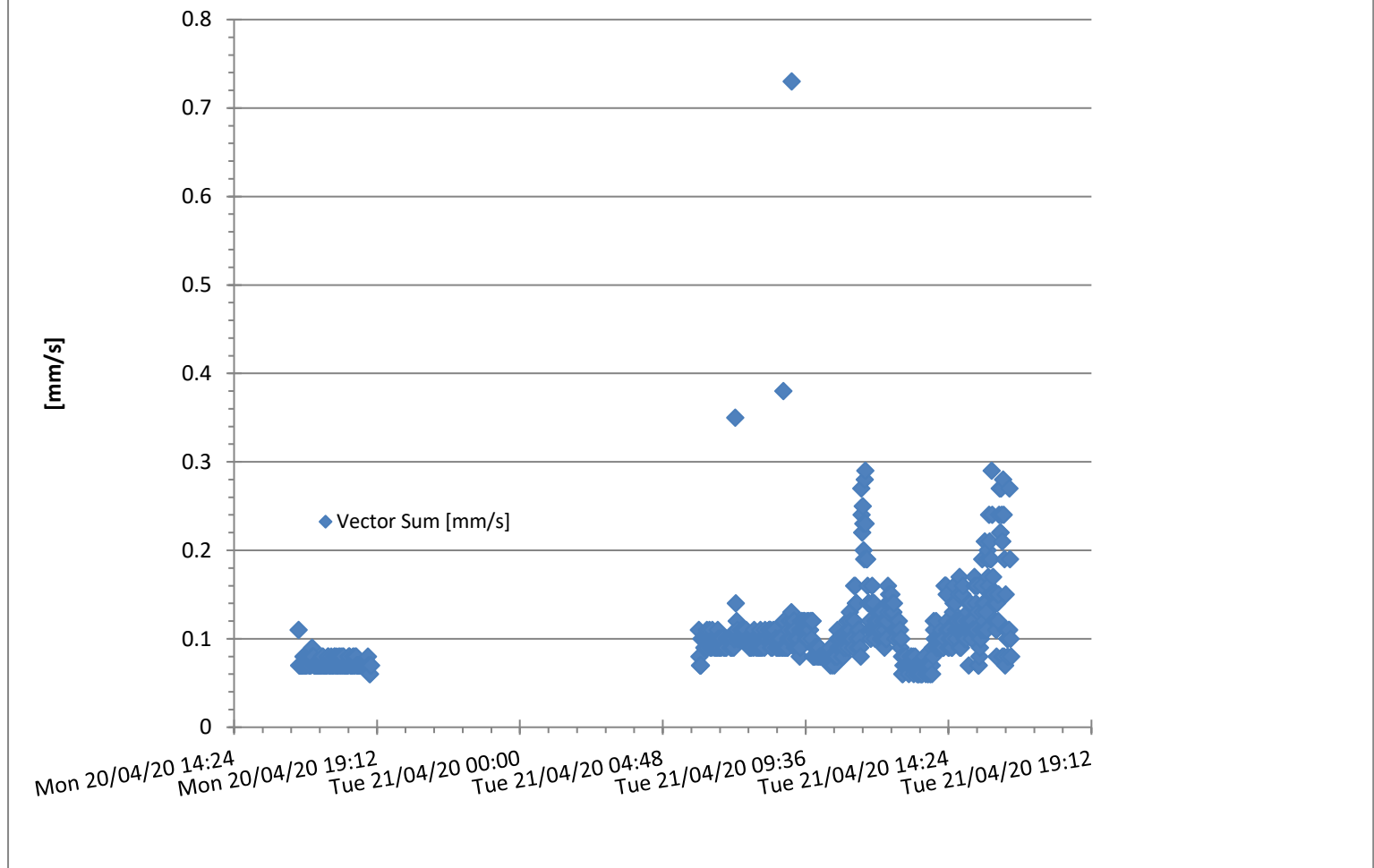
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



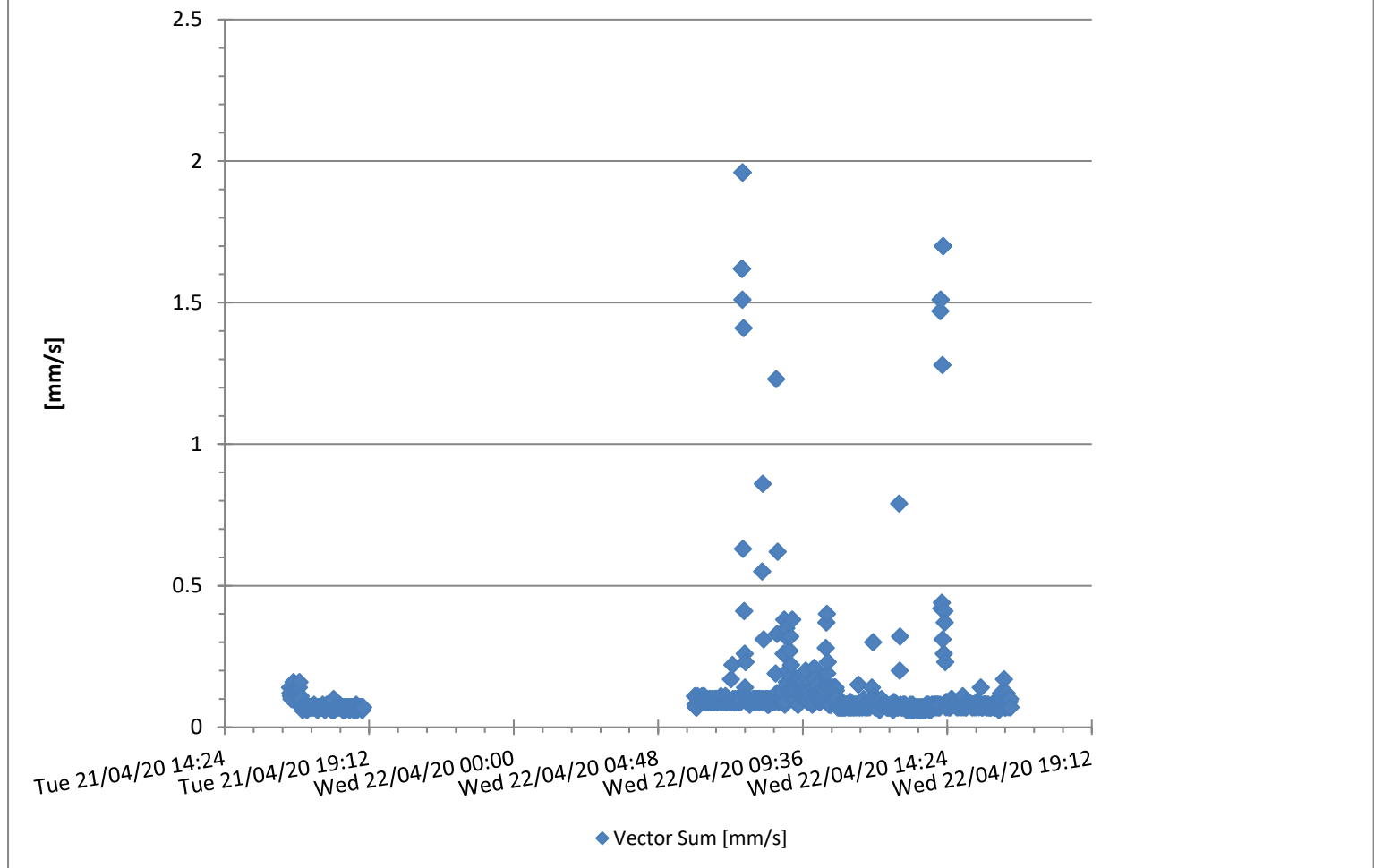
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



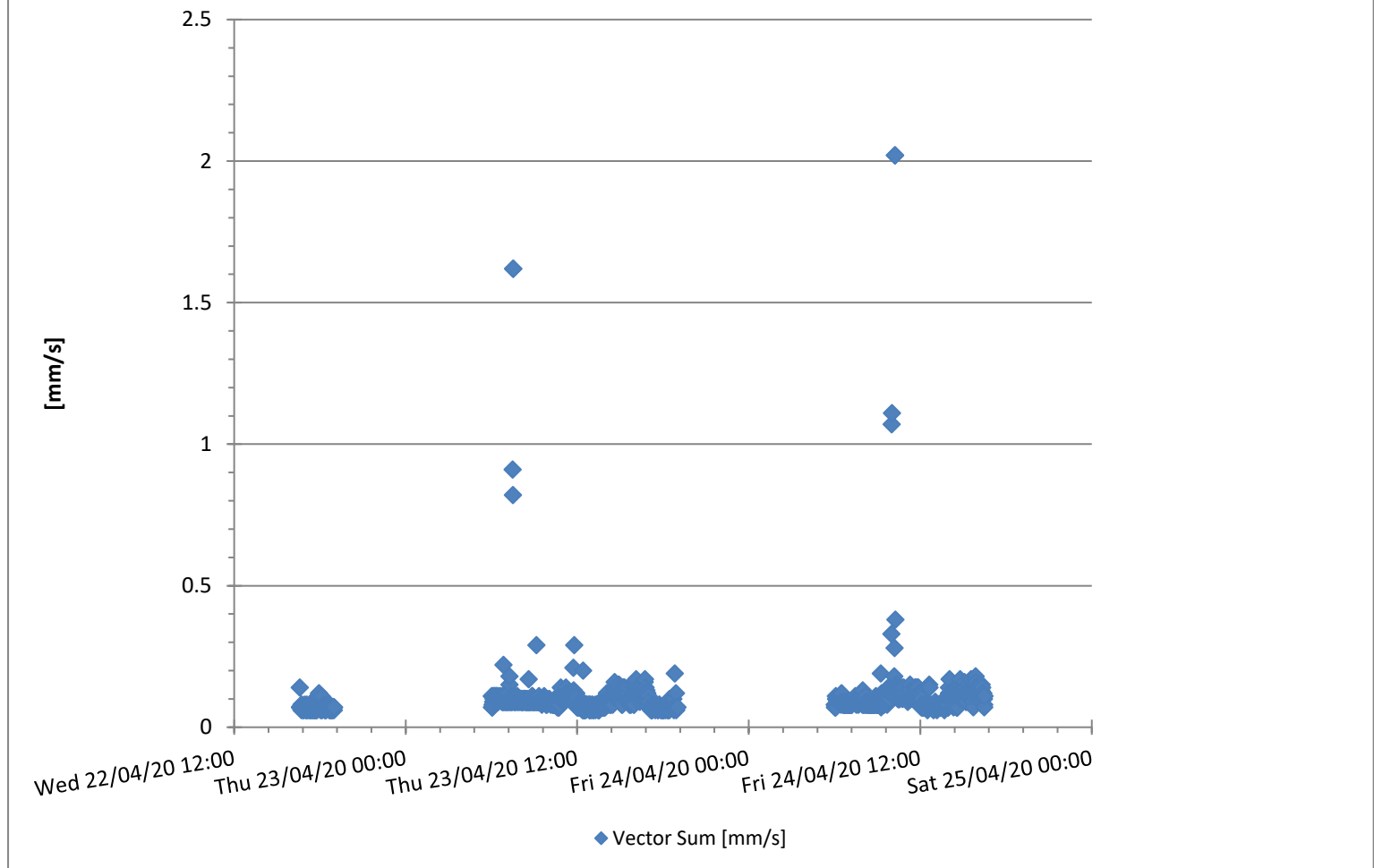
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



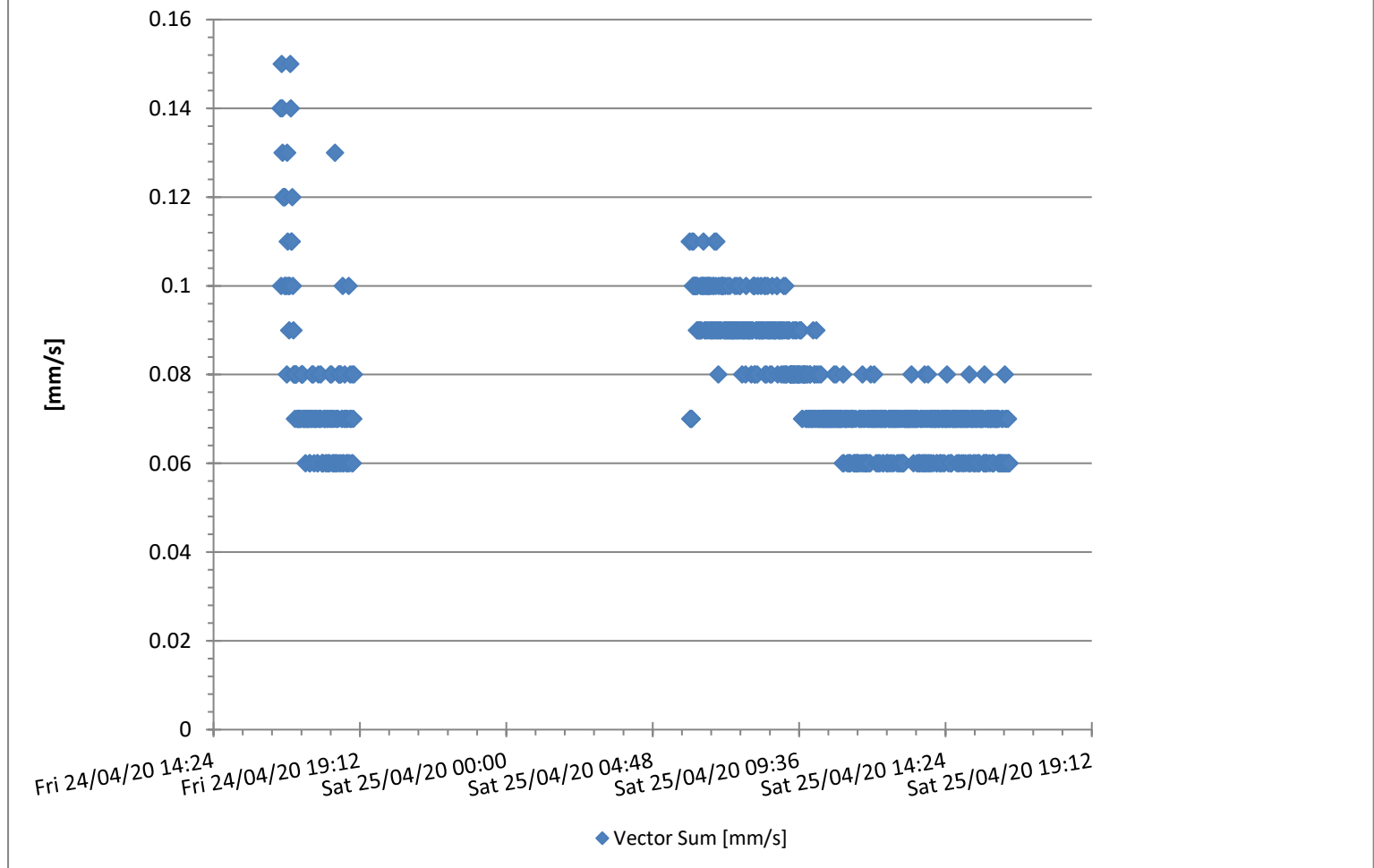
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



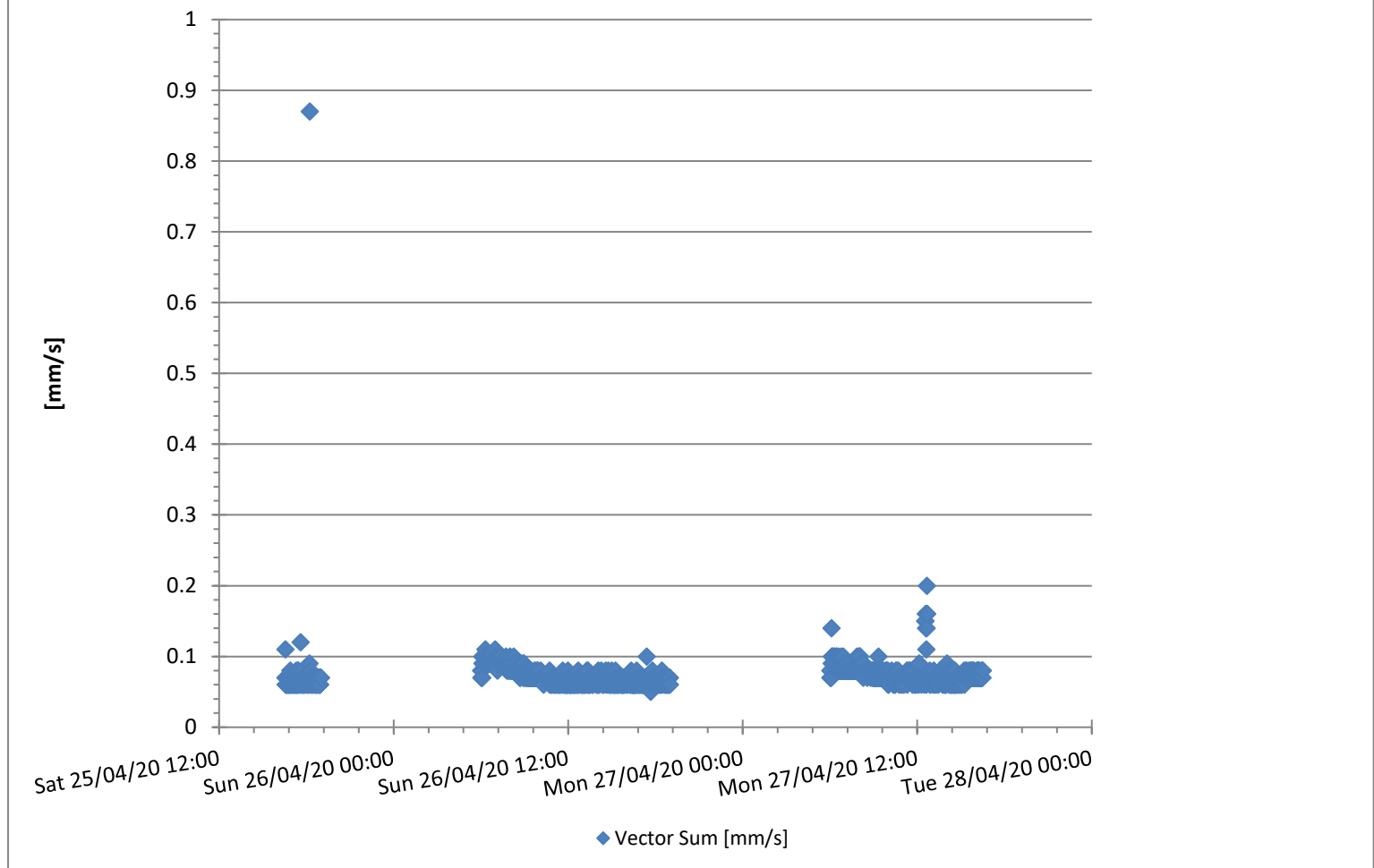
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



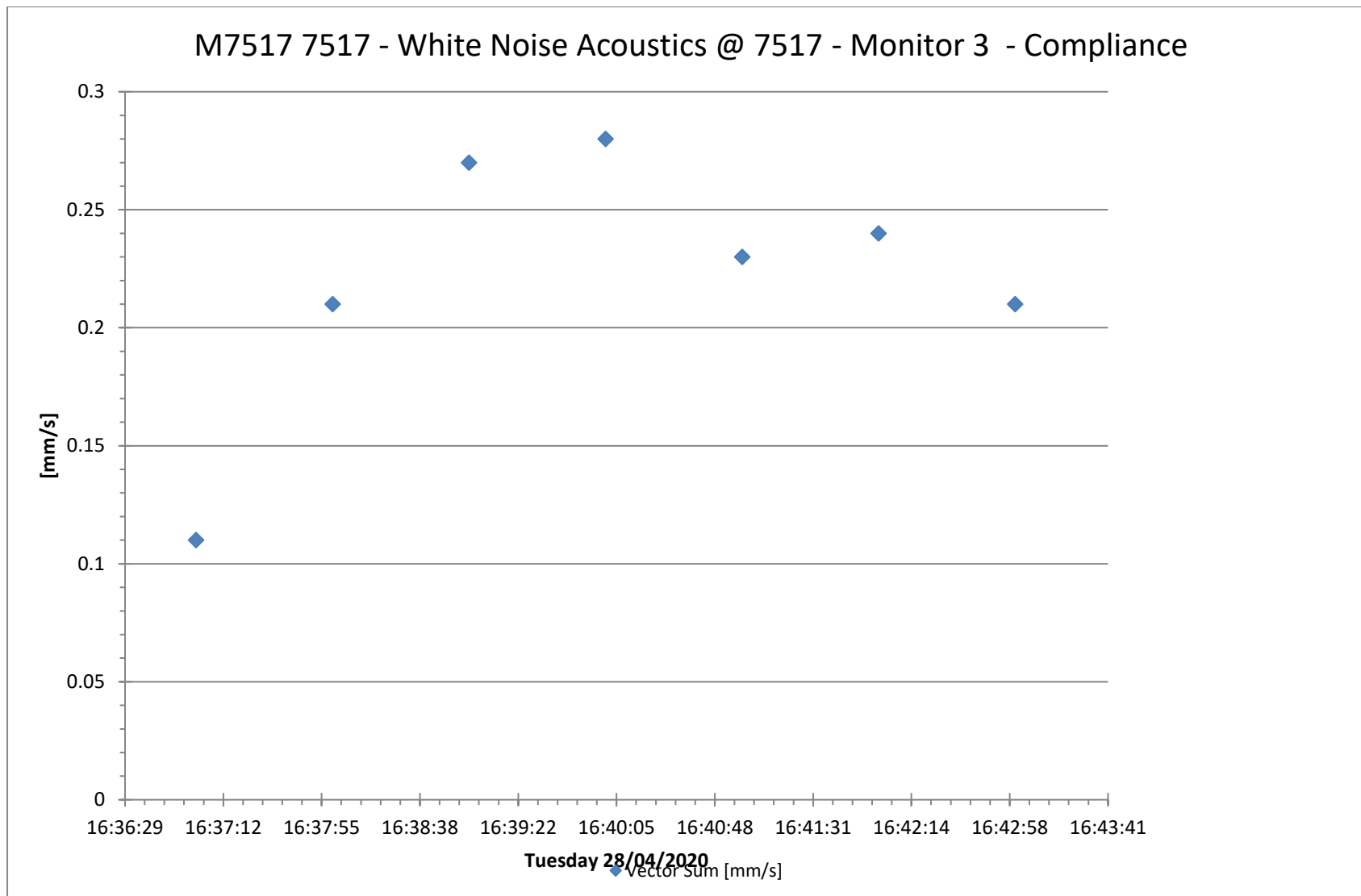
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



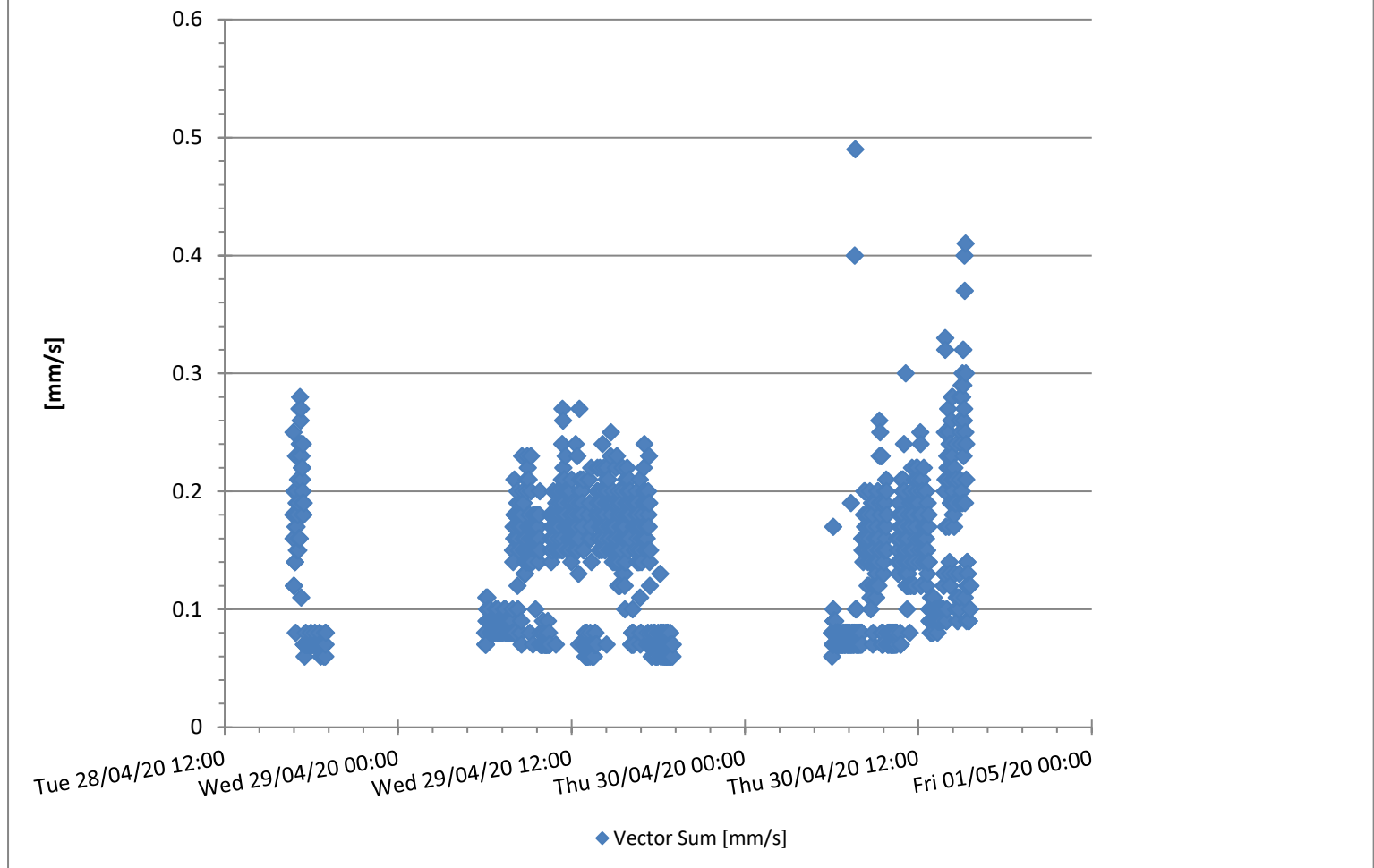
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance

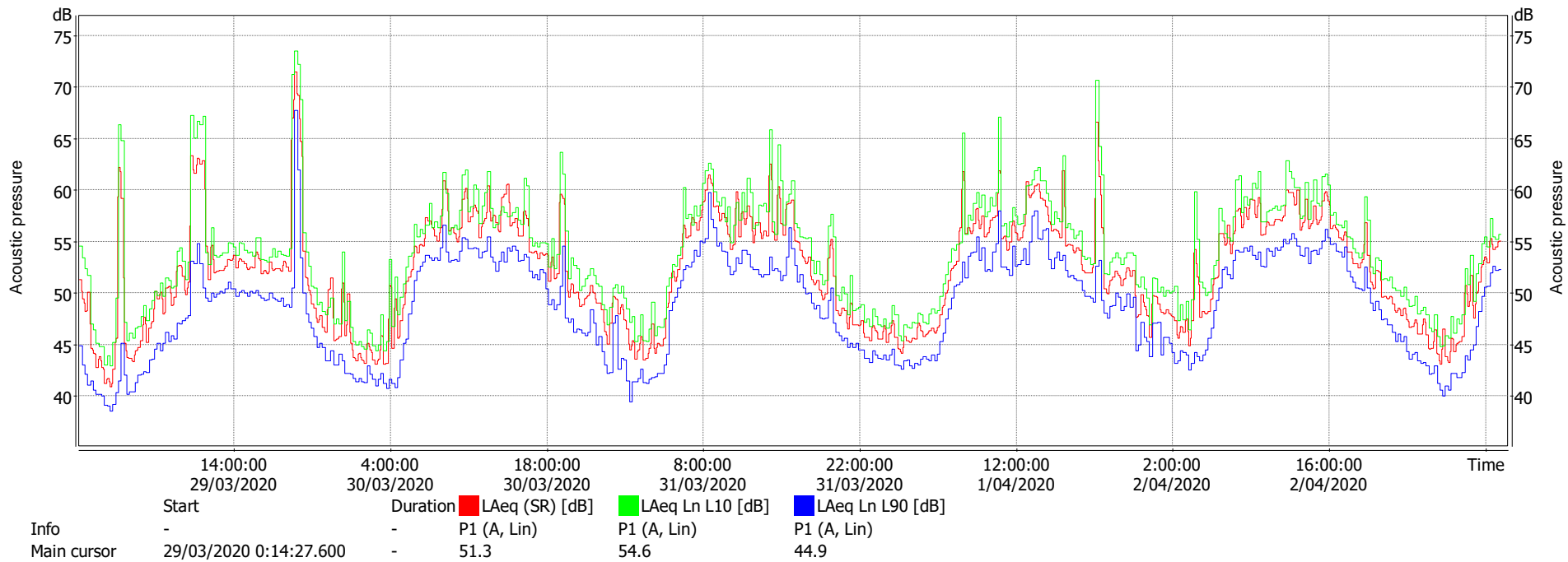


M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance

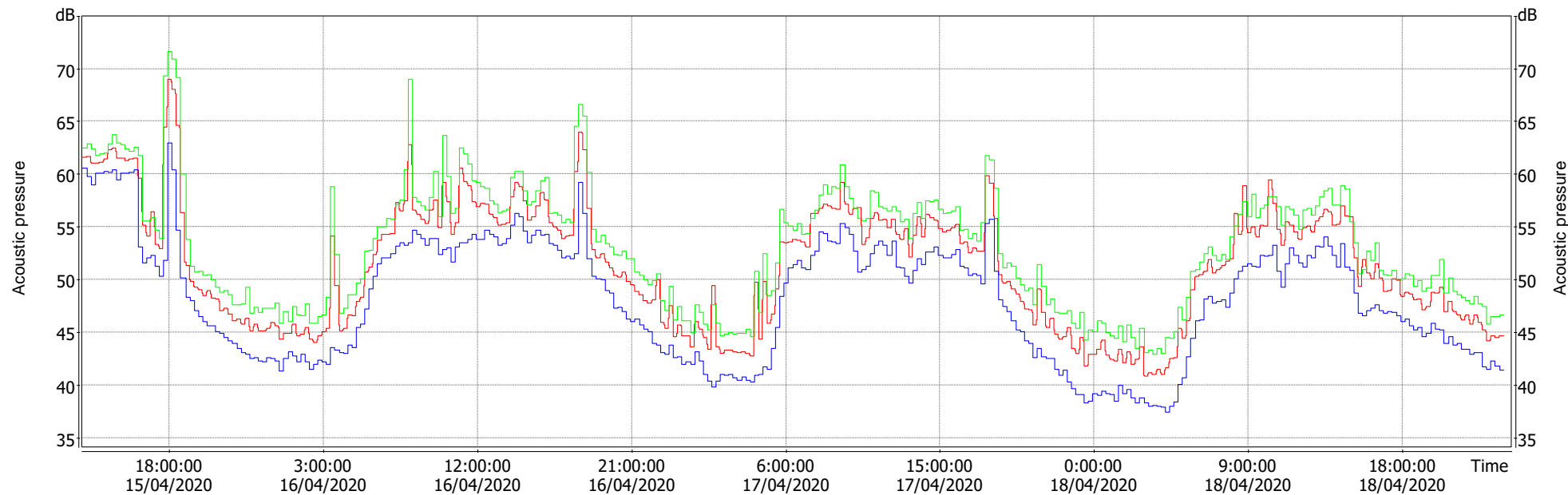


12 Appendix F – Noise Logger Location 1 – Art Gallery

Logger results, logger step = 04:31

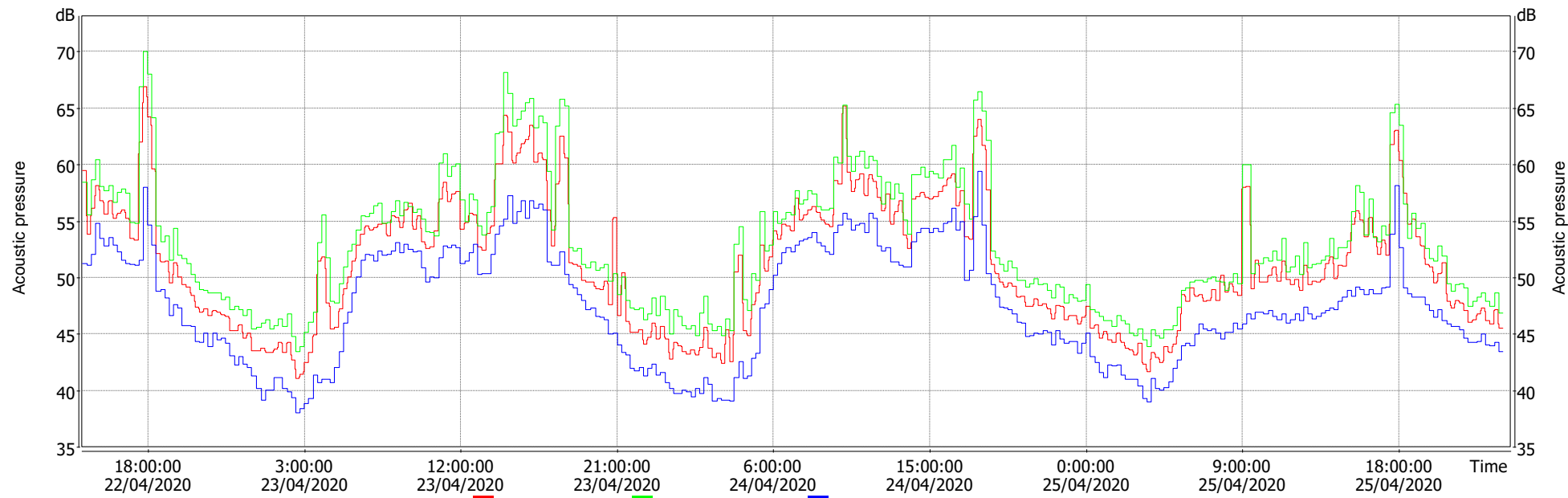


Logger results, logger step = 02:57



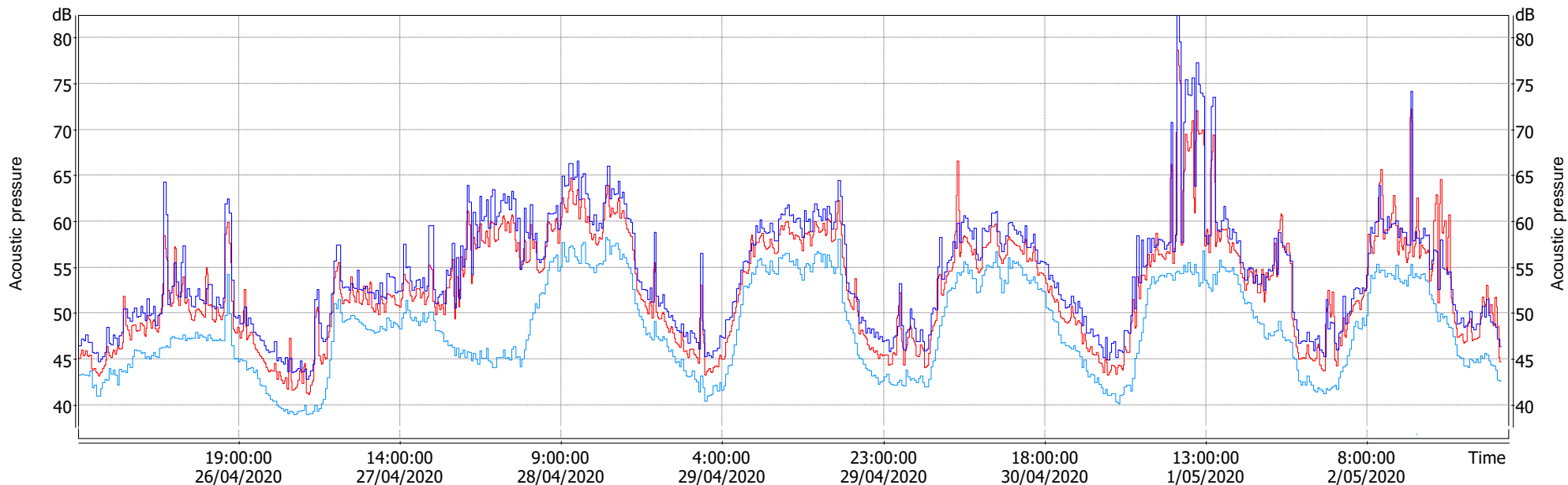
Info	Start	Duration	LAeq (SR) [dB]	LAeq Ln L10 [dB]	LAeq Ln L90 [dB]
-	-	-	P1 (A, Lin)	P1 (A, Lin)	P1 (A, Lin)
Main cursor	15/04/2020 13:17:03.500	-	61.7	62.9	59.8

Logger results, logger step = 02:54



Info	-	Duration	■ LAeq (SR) [dB]	■ LAeq Ln L10 [dB]	■ LAeq Ln L90 [dB]
Main cursor	22/04/2020 14:17:44.300	-	P1 (A, Lin)	P1 (A, Lin)	P1 (A, Lin)
		-	59.5	58.5	51.3

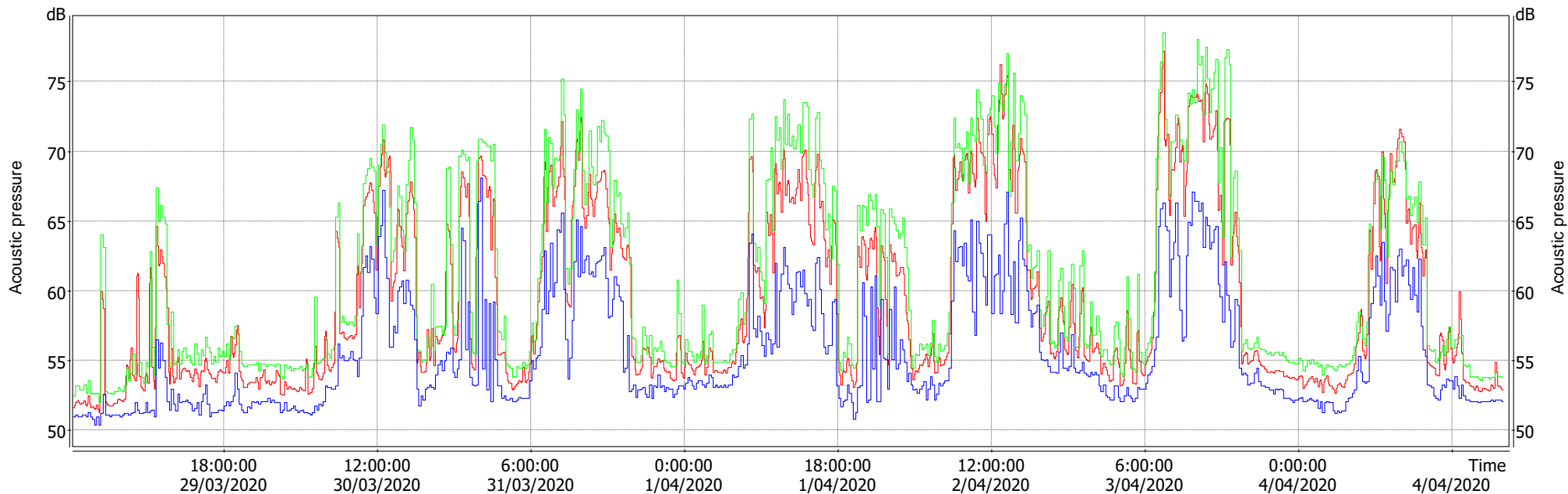
Logger results, logger step = 05:57



Info	Start	Duration	LAeq (SR) [dB]	LAeq Ln L10 [dB]	LAeq Ln L90 [dB]
Main cursor	26/04/2020 0:40:11.600	-	P1 (A, Lin) 45.4	P1 (A, Lin) 47.2	P1 (A, Lin) 43.4
Overload (TH)	2/05/2020 13:56:00.600	00:00:01.000	-	-	-

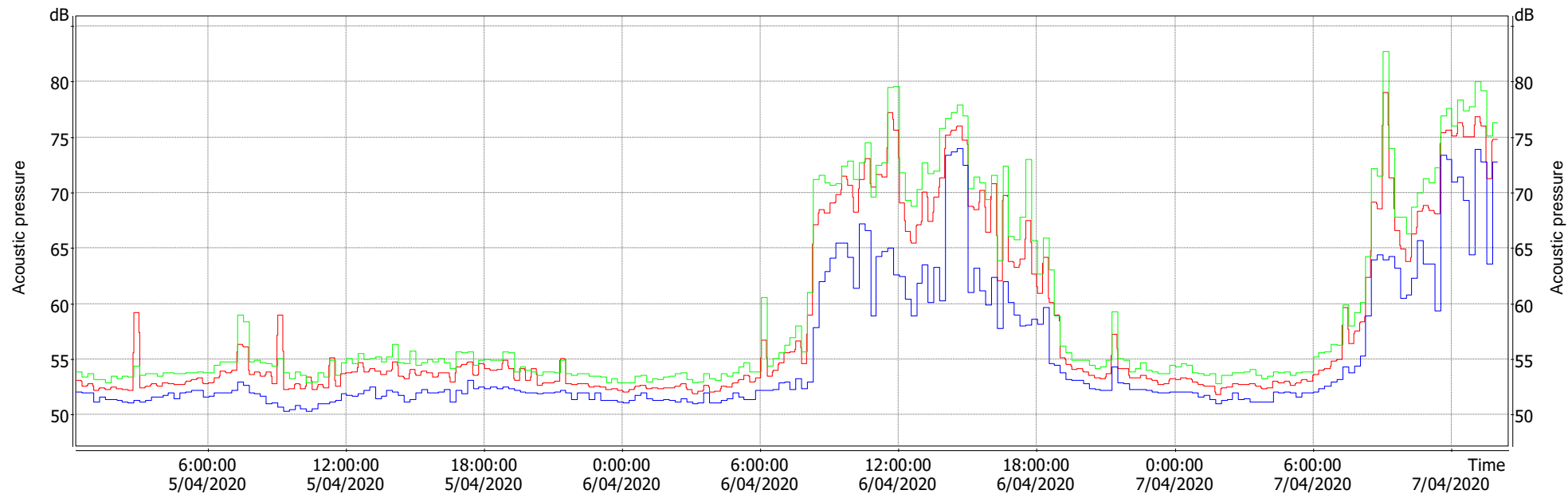
13 Appendix G – Noise Logger Location 2 – To the North East

Logger results, logger step = 05:55



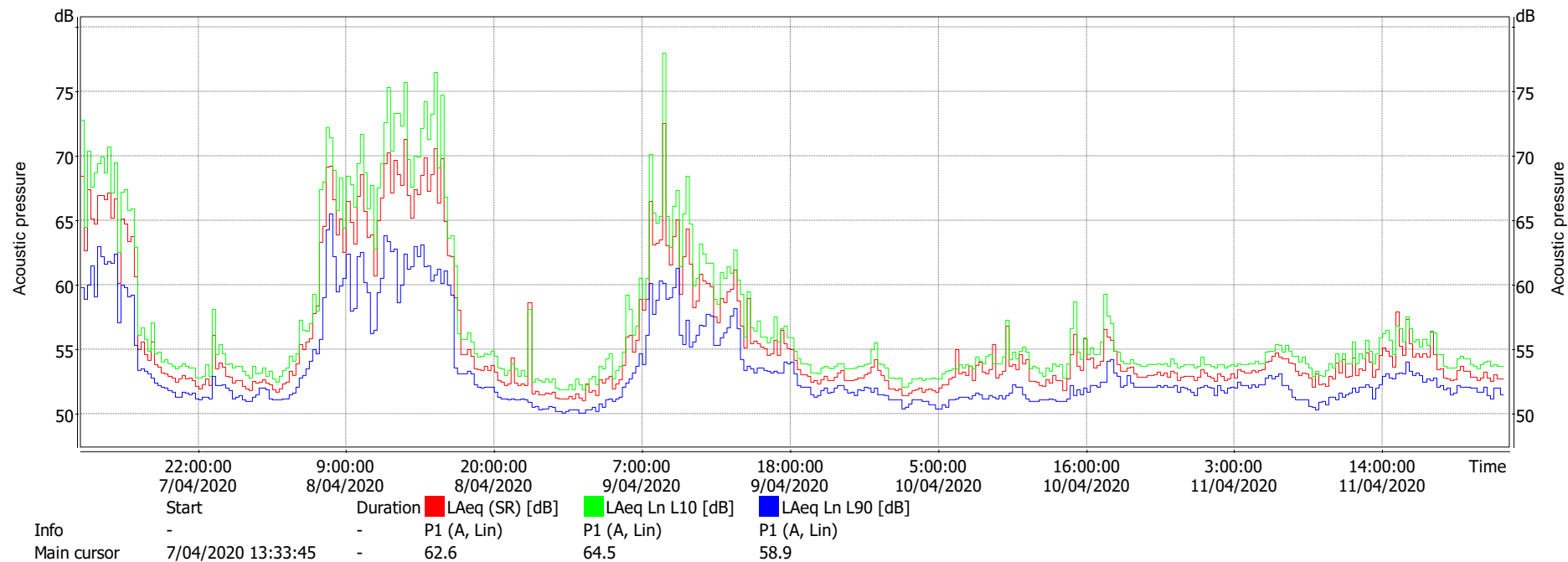
	Start	Duration	■ LAeq (SR) [dB]	■ LAeq Ln L10 [dB]	■ LAeq Ln L90 [dB]
Info	-	-	P1 (A, Lin)	P1 (A, Lin)	P1 (A, Lin)
Main cursor	29/03/2020 1:14:10	-	51.9	52.9	51.0

Logger results, logger step = 02:11

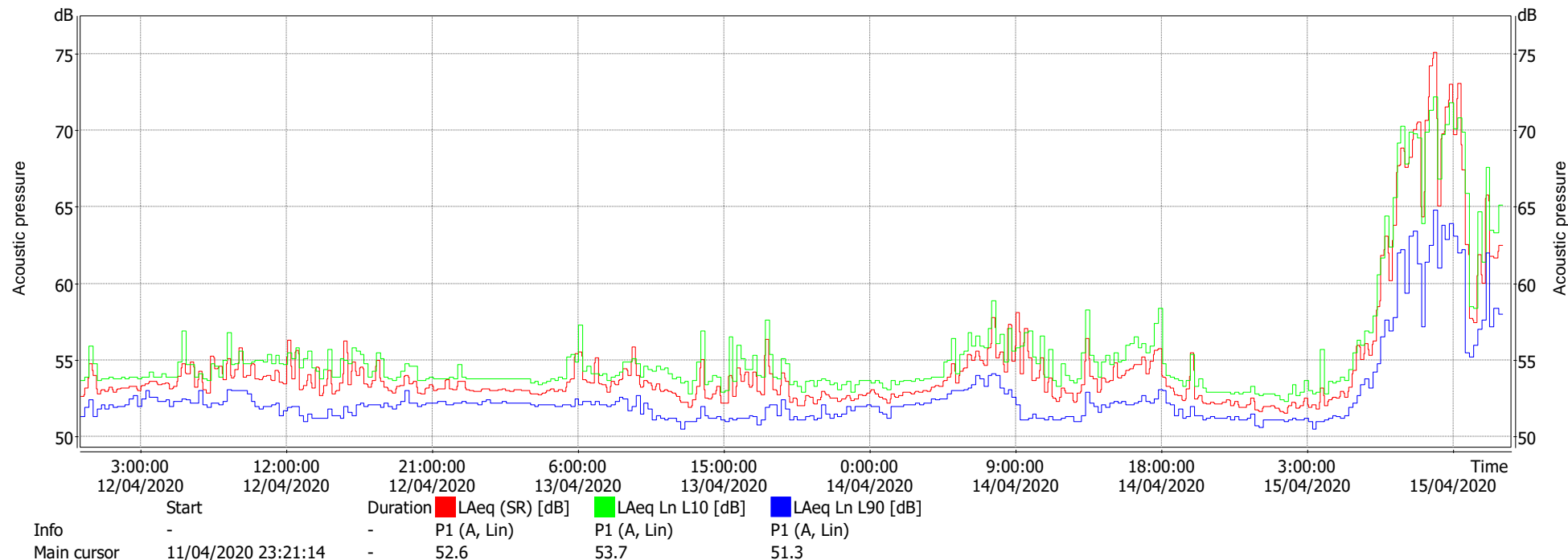


Info	Start	Duration	LAeq (SR) [dB]	LAeq Ln L10 [dB]	LAeq Ln L90 [dB]
Main cursor	5/04/2020 0:17:11	-	53.1	53.9	52.1

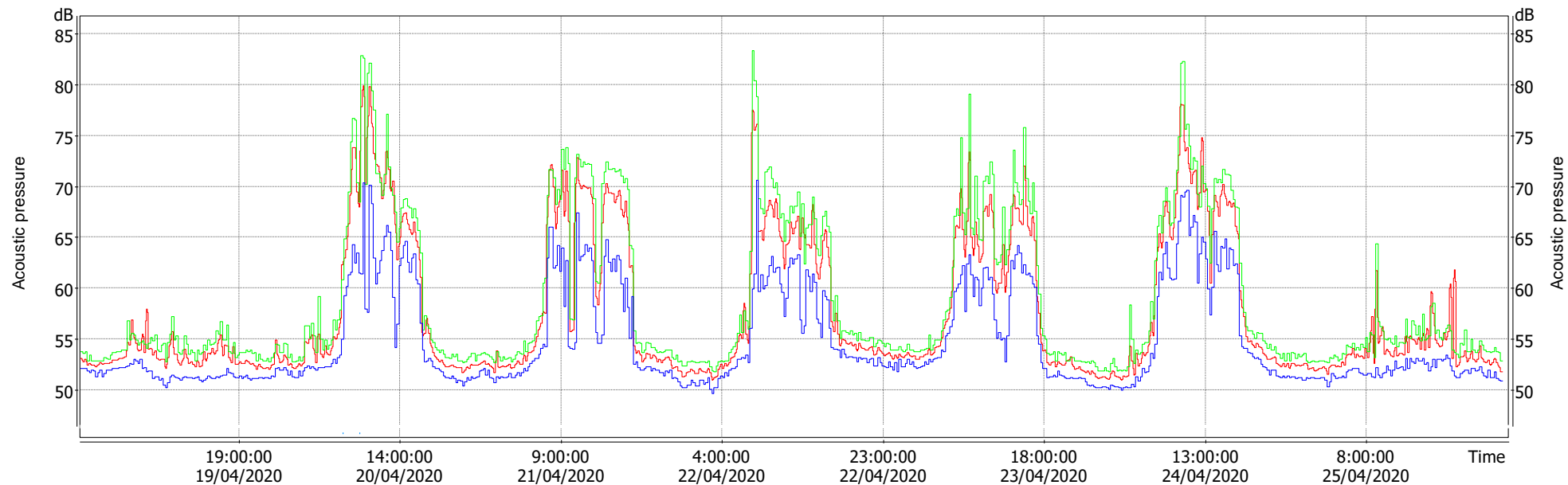
Logger results, logger step = 03:45



Logger results, logger step = 03:07

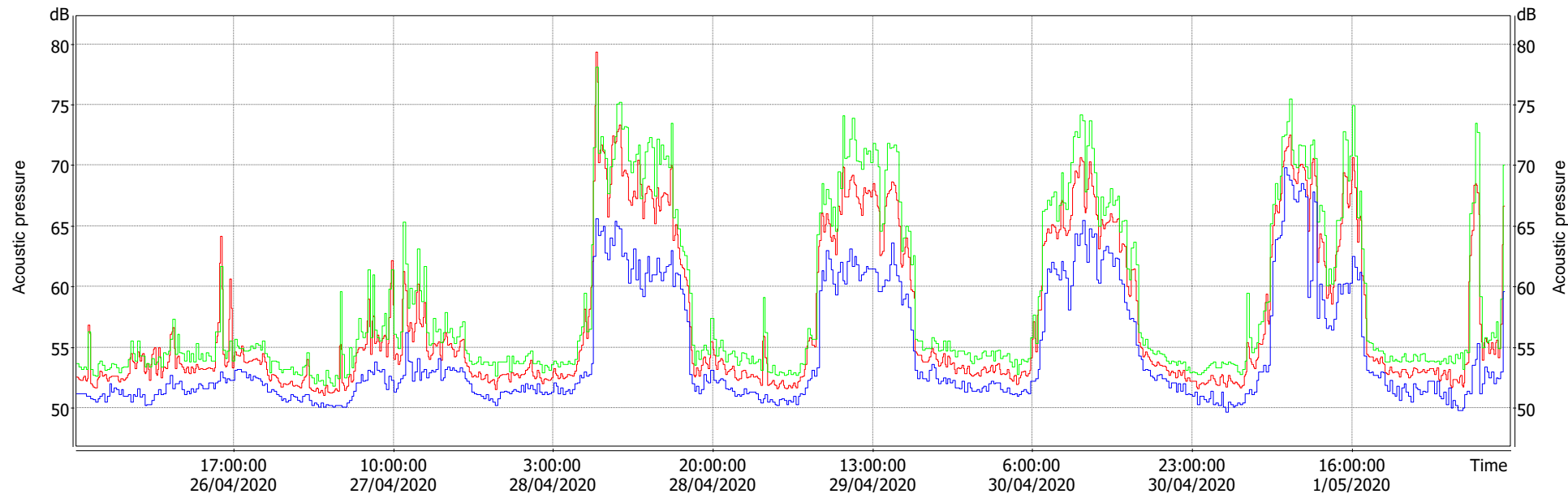


Logger results, logger step = 05:56



Info	Start	Duration	LAeq (SR) [dB]	LAeq Ln L10 [dB]	LAeq Ln L90 [dB]
	-	-	P1 (A, Lin)	P1 (A, Lin)	P1 (A, Lin)
Main cursor	19/04/2020 0:38:44	-	52.8	53.6	52.1
Overload (TH)	20/04/2020 7:12:25	00:00:02.000	-	-	-

Logger results, logger step = 05:22



Info	Start	Duration	LAeq (SR) [dB]	LAeq Ln L10 [dB]	LAeq Ln L90 [dB]
	-	-	P1 (A, Lin)	P1 (A, Lin)	P1 (A, Lin)
Main cursor	26/04/2020 0:47:12	-	52.3	53.4	51.2