



Richard Crookes Constructions

The Art Gallery of NSW
Sydney Modern Development

Noise and Vibration Monitoring Results
Report October

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Document Control

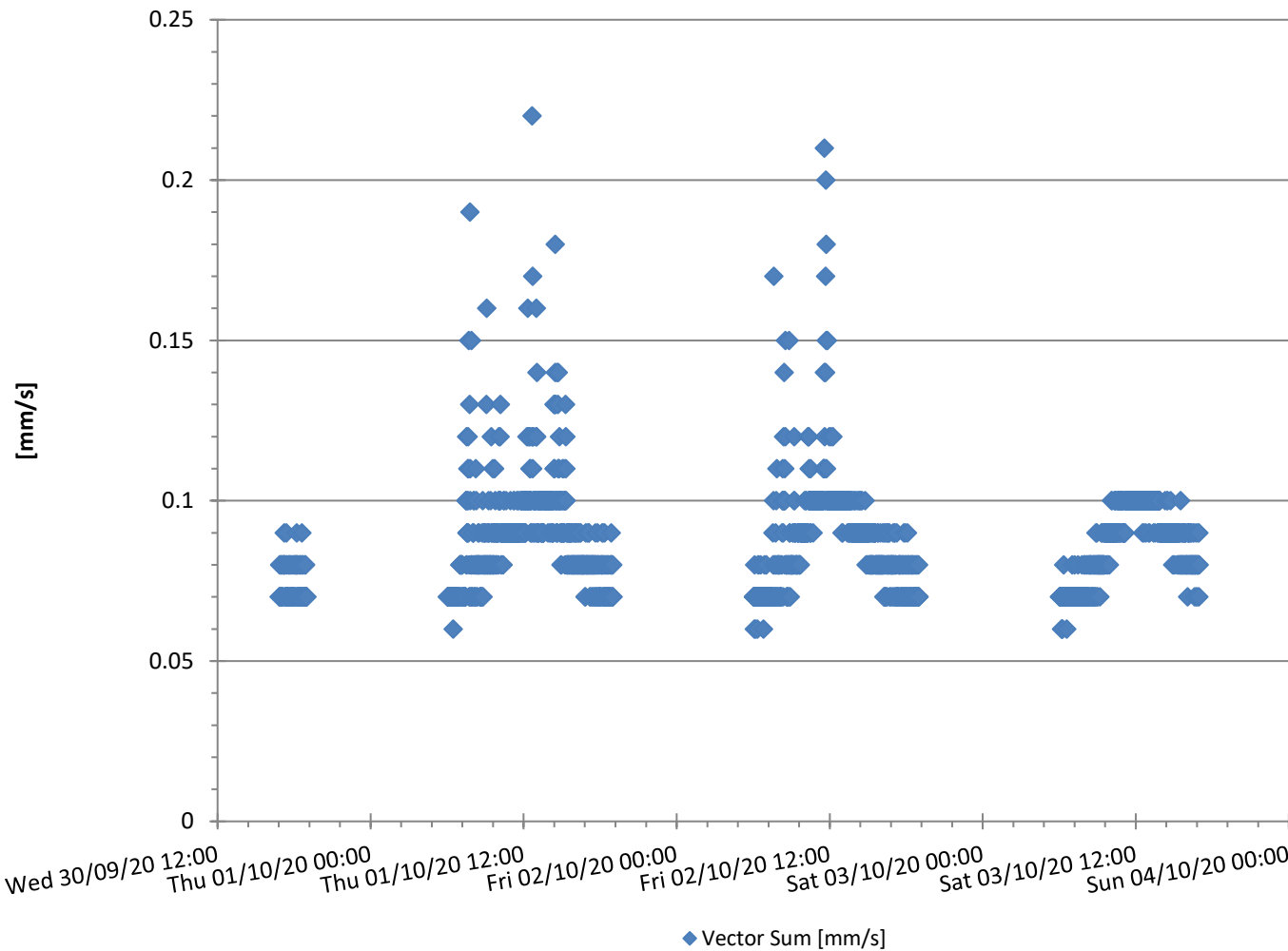
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0	1/11/2020	19078_201001_Monitoring Results_October_BW_R0	BW	BW

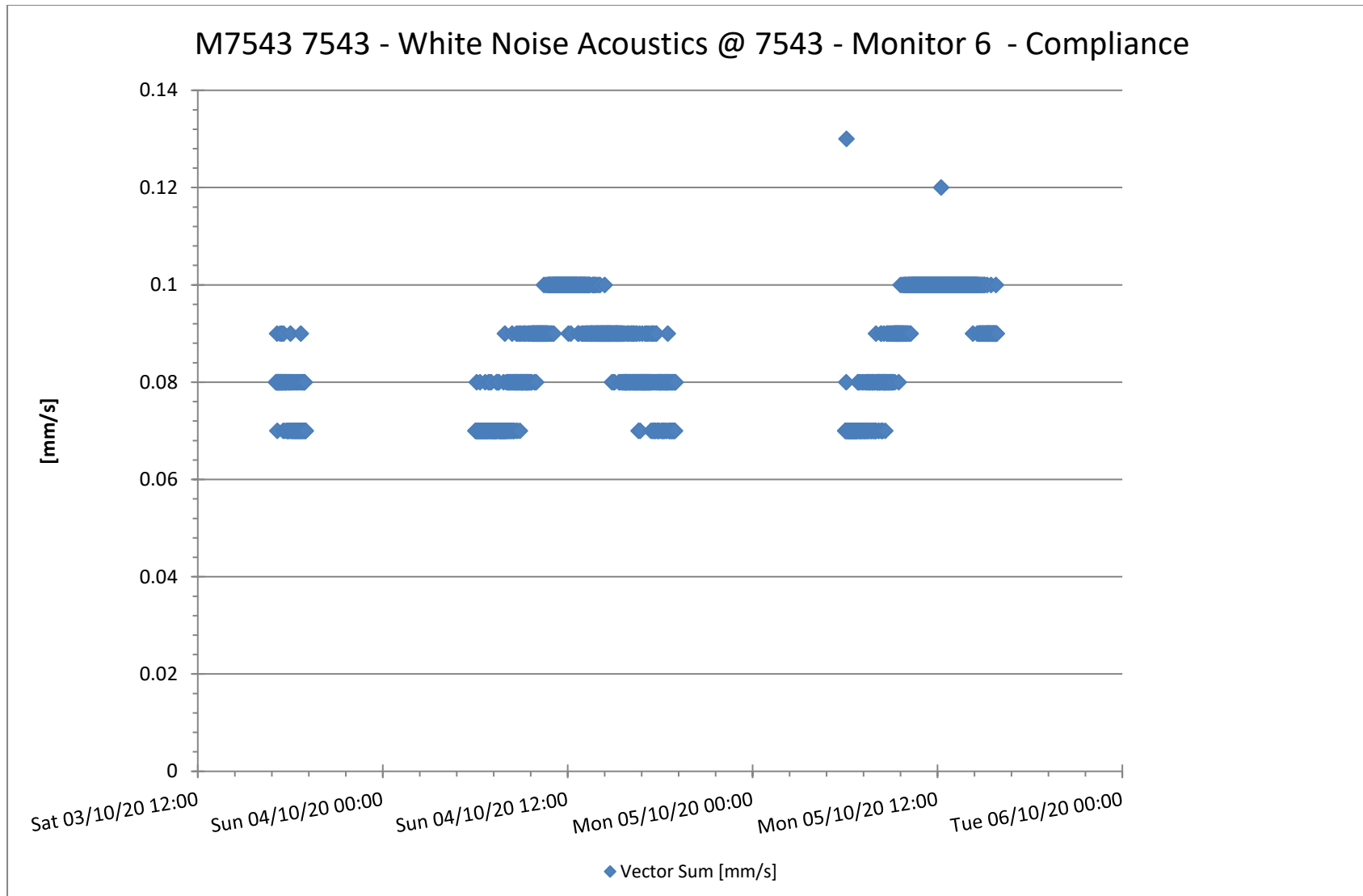


8 Appendix B – Logger Location 1 – Monitor 7543

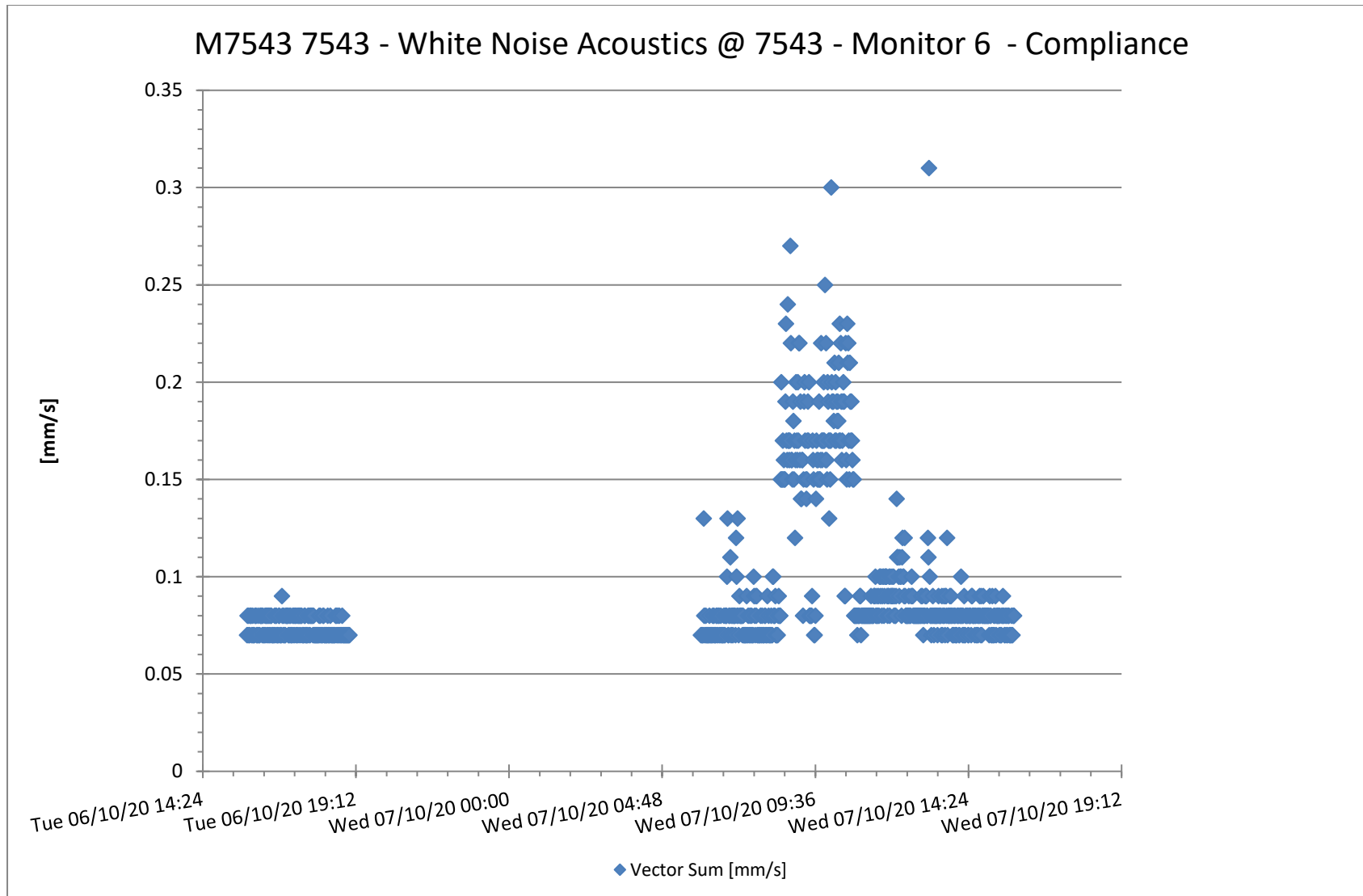
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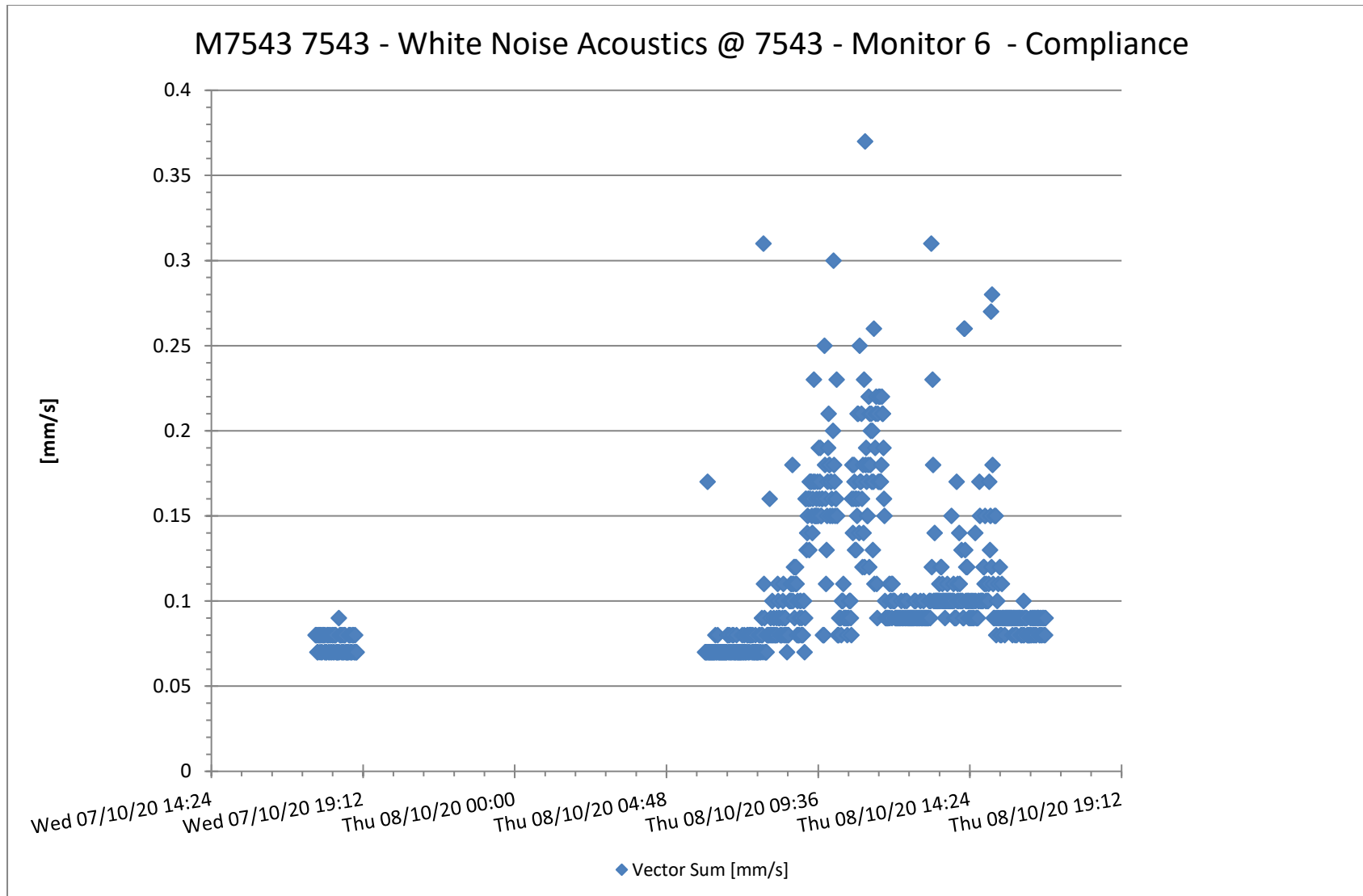
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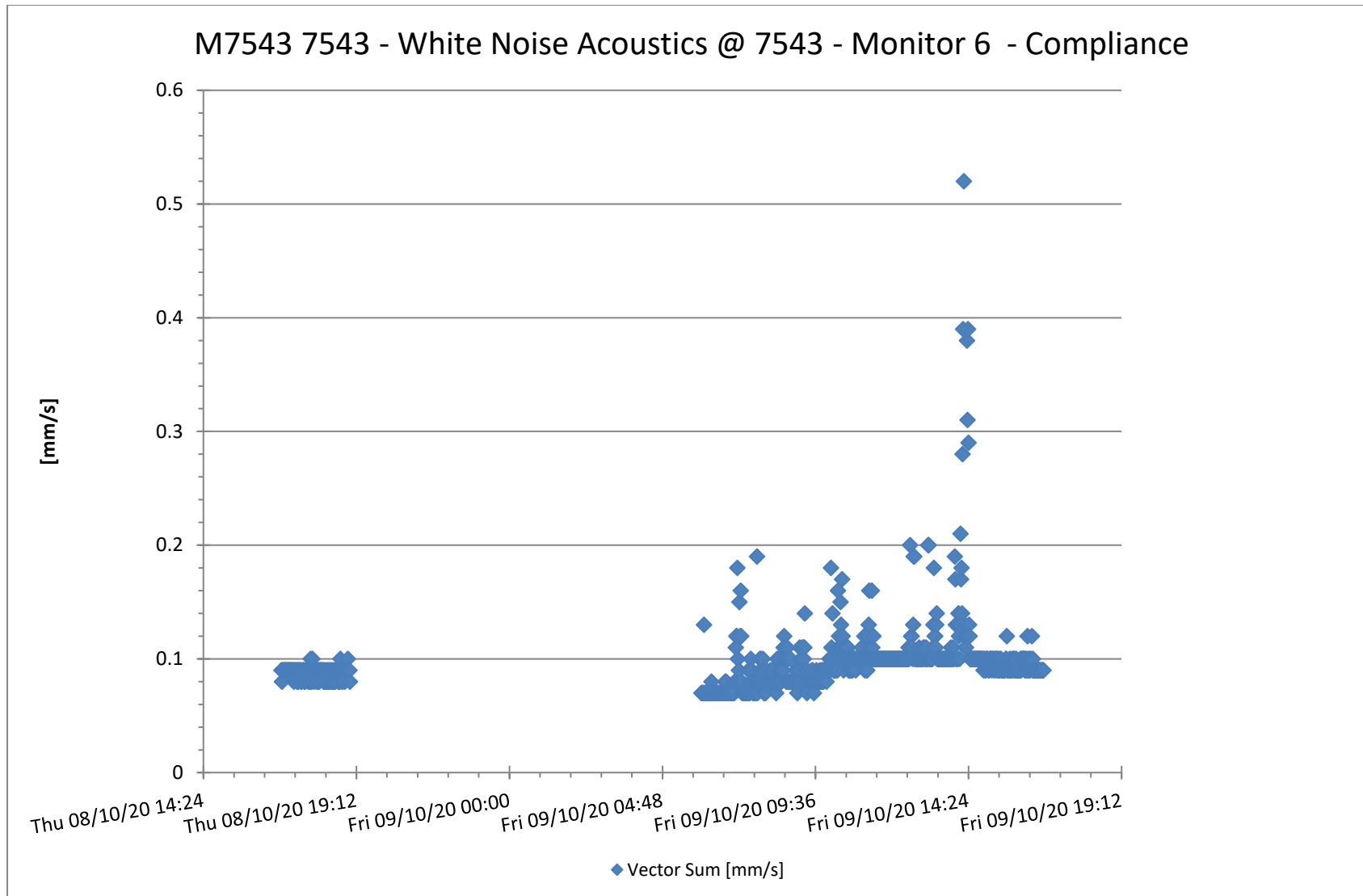
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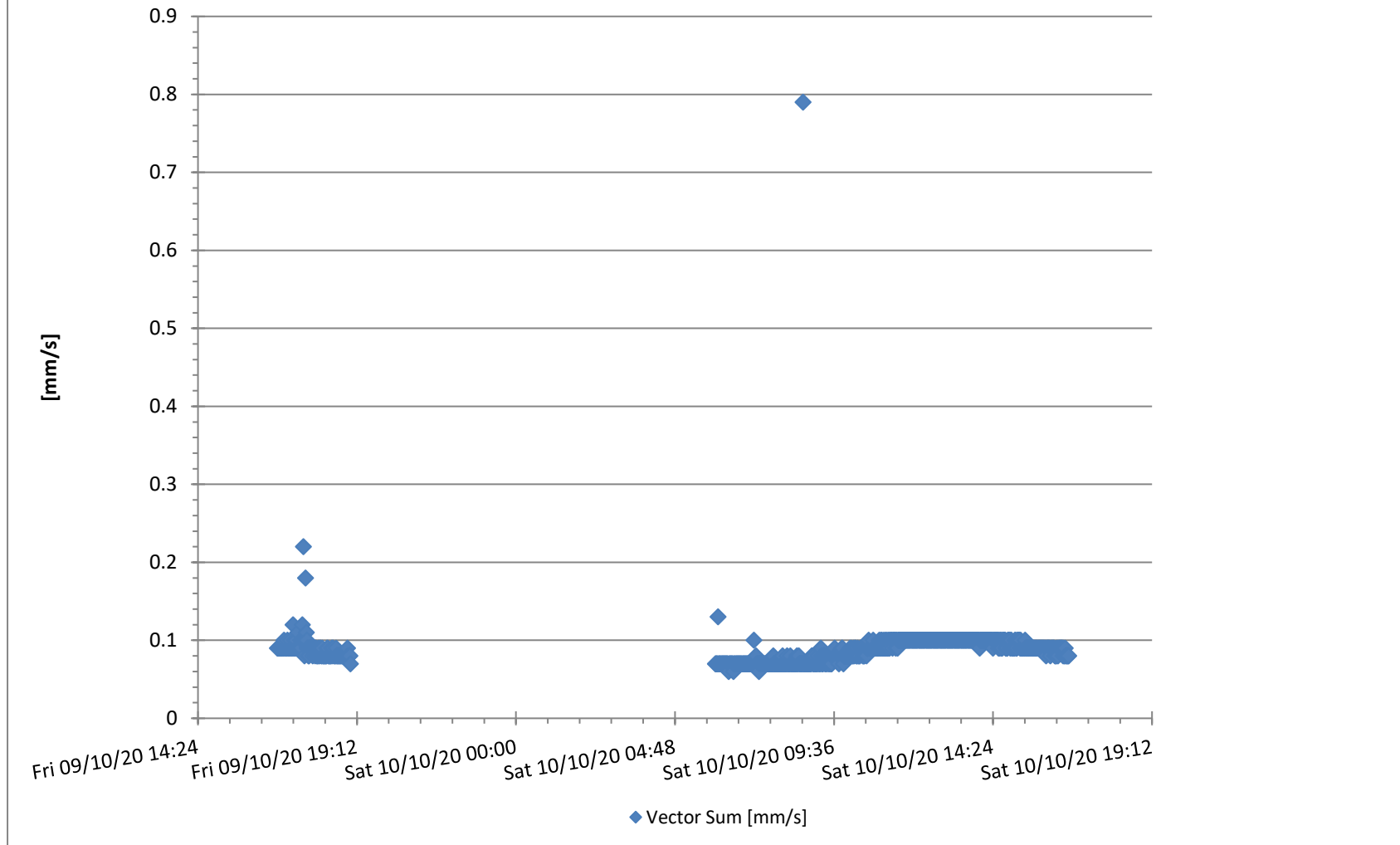
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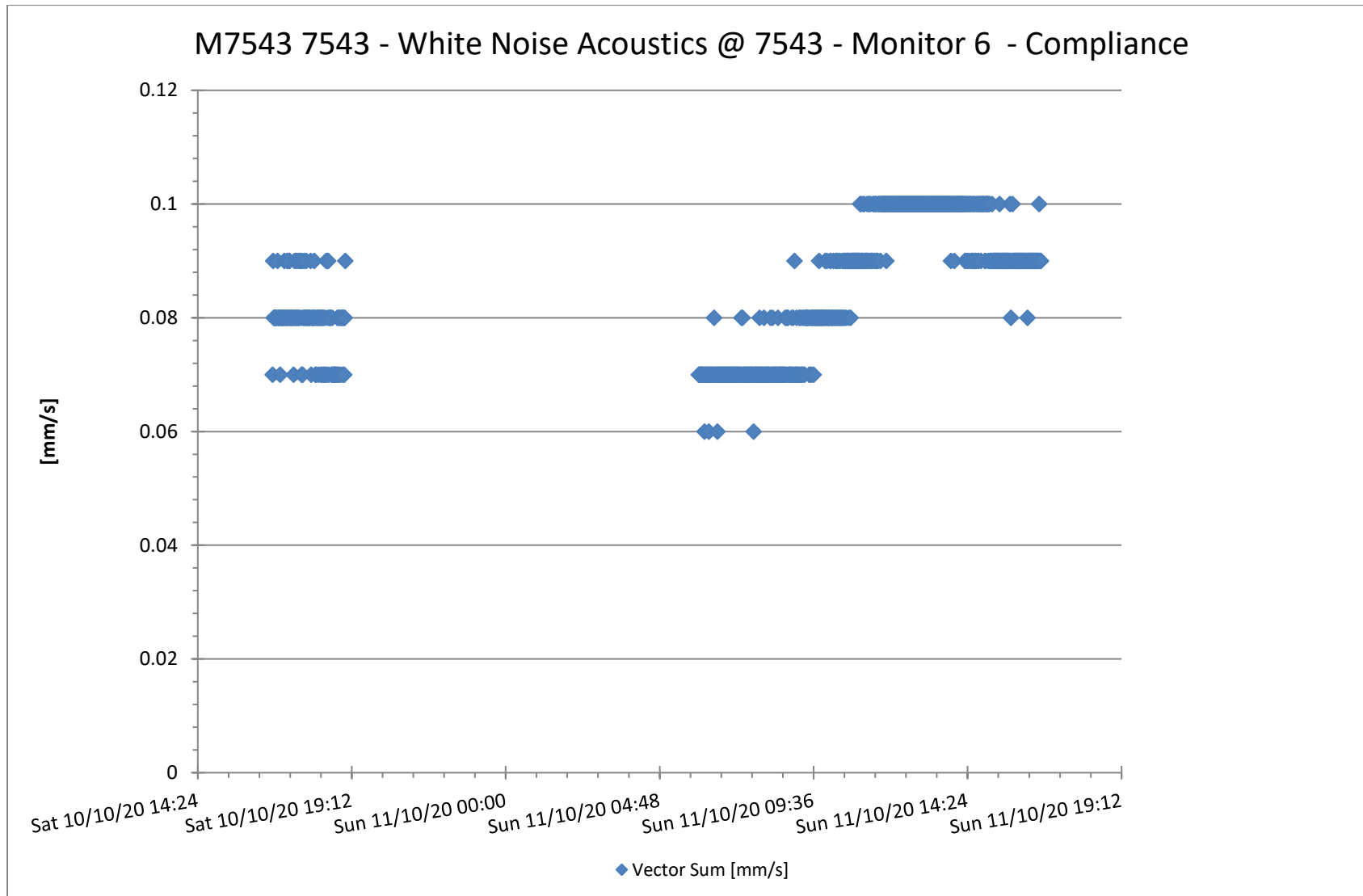
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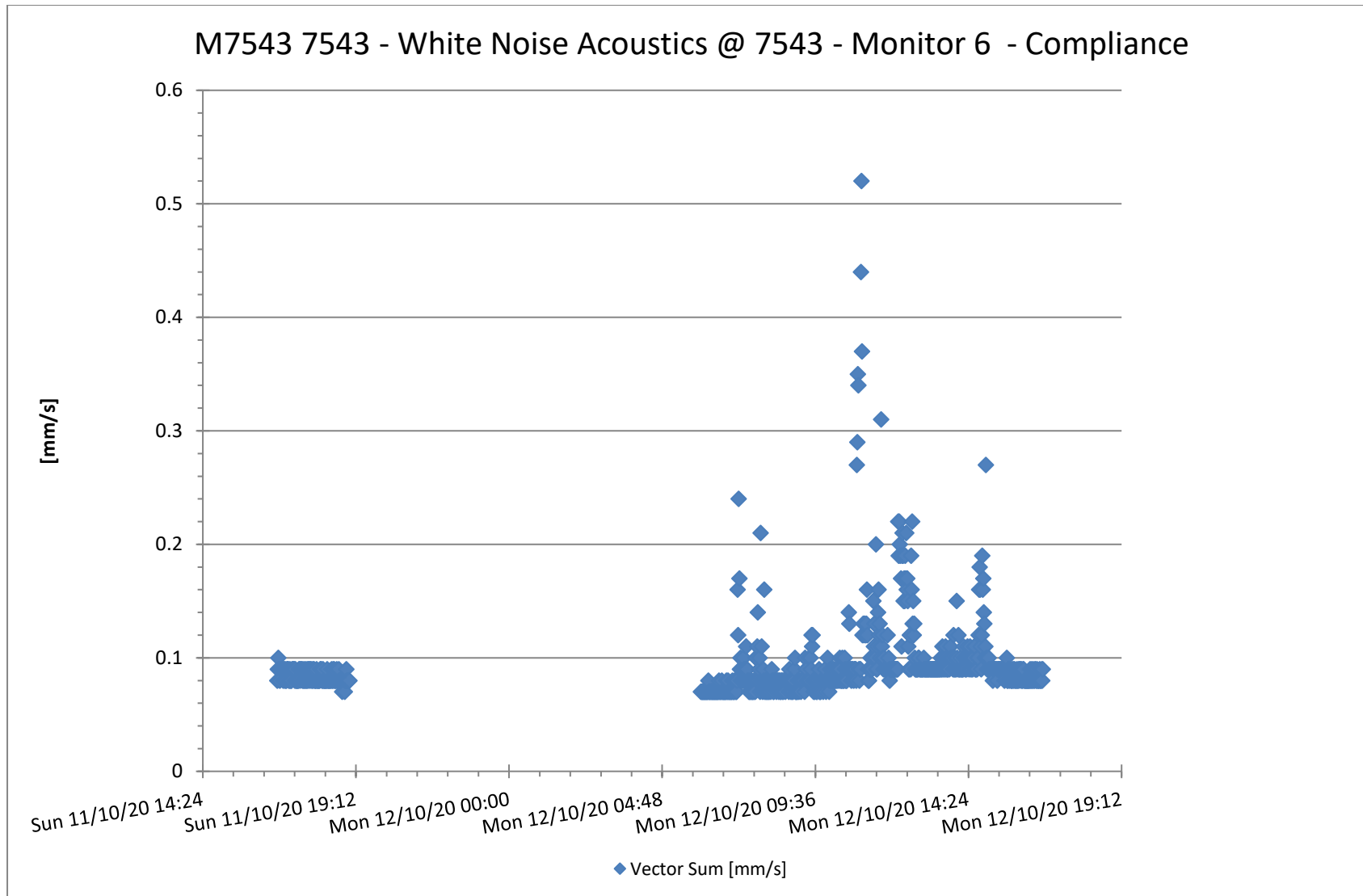
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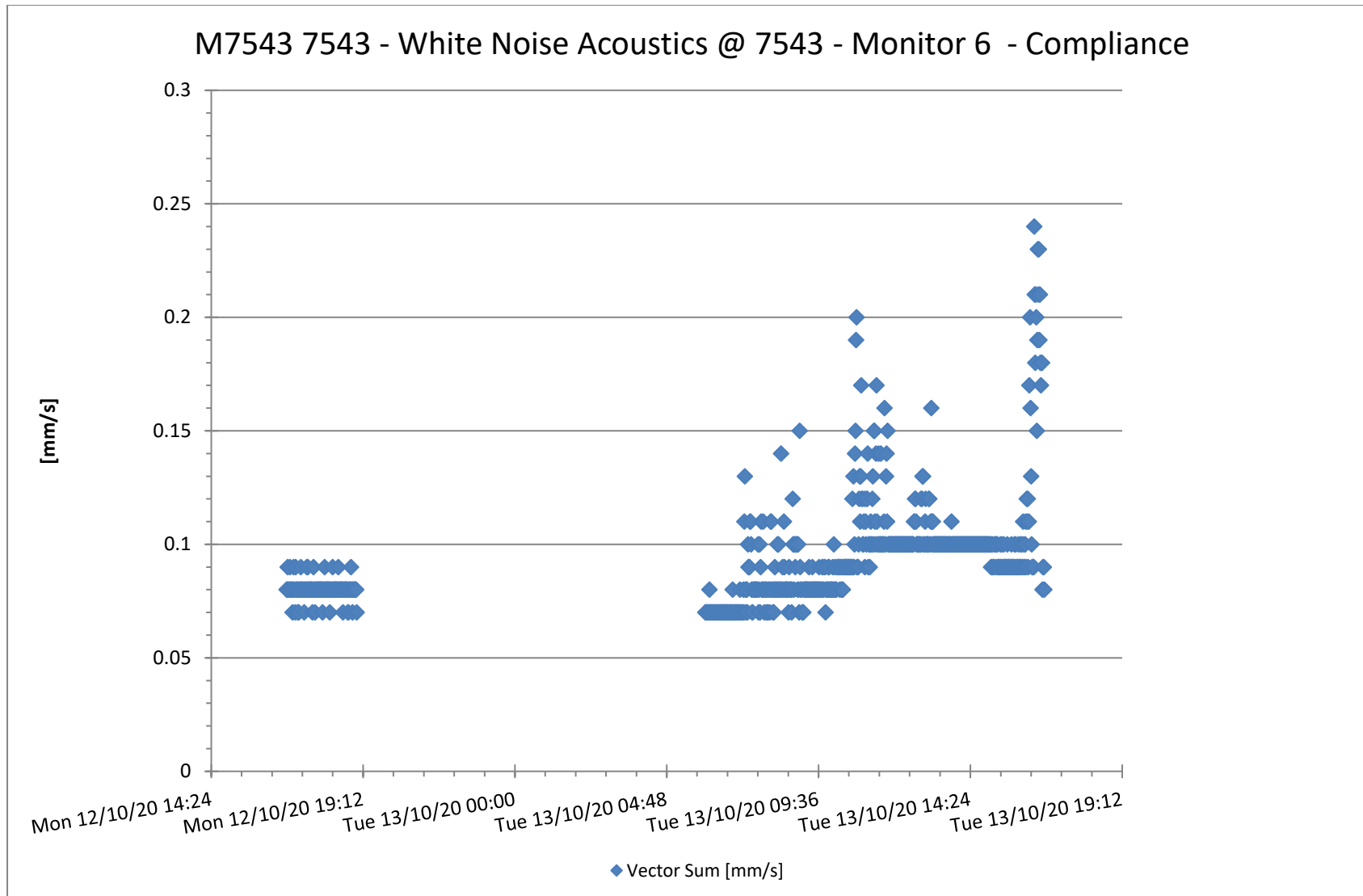
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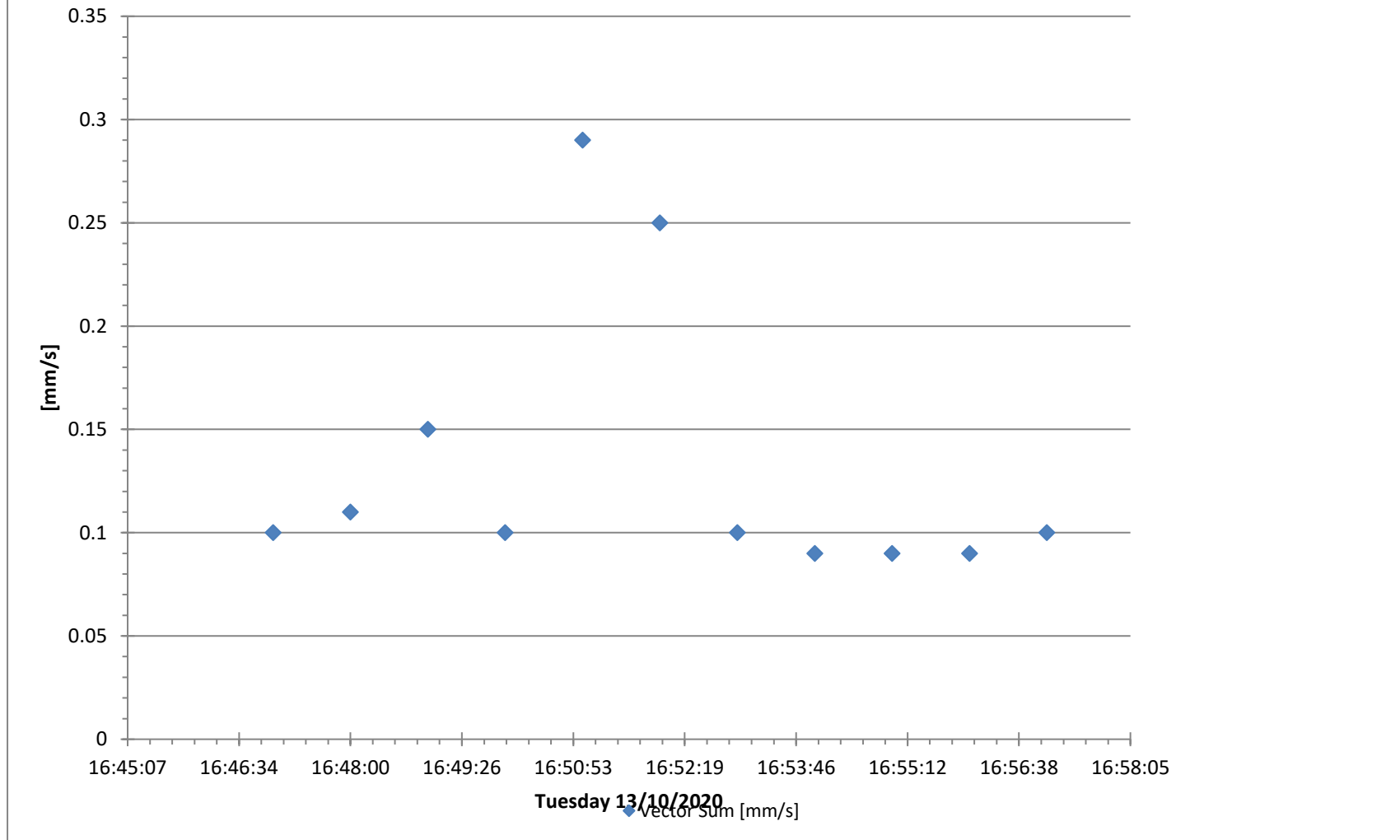
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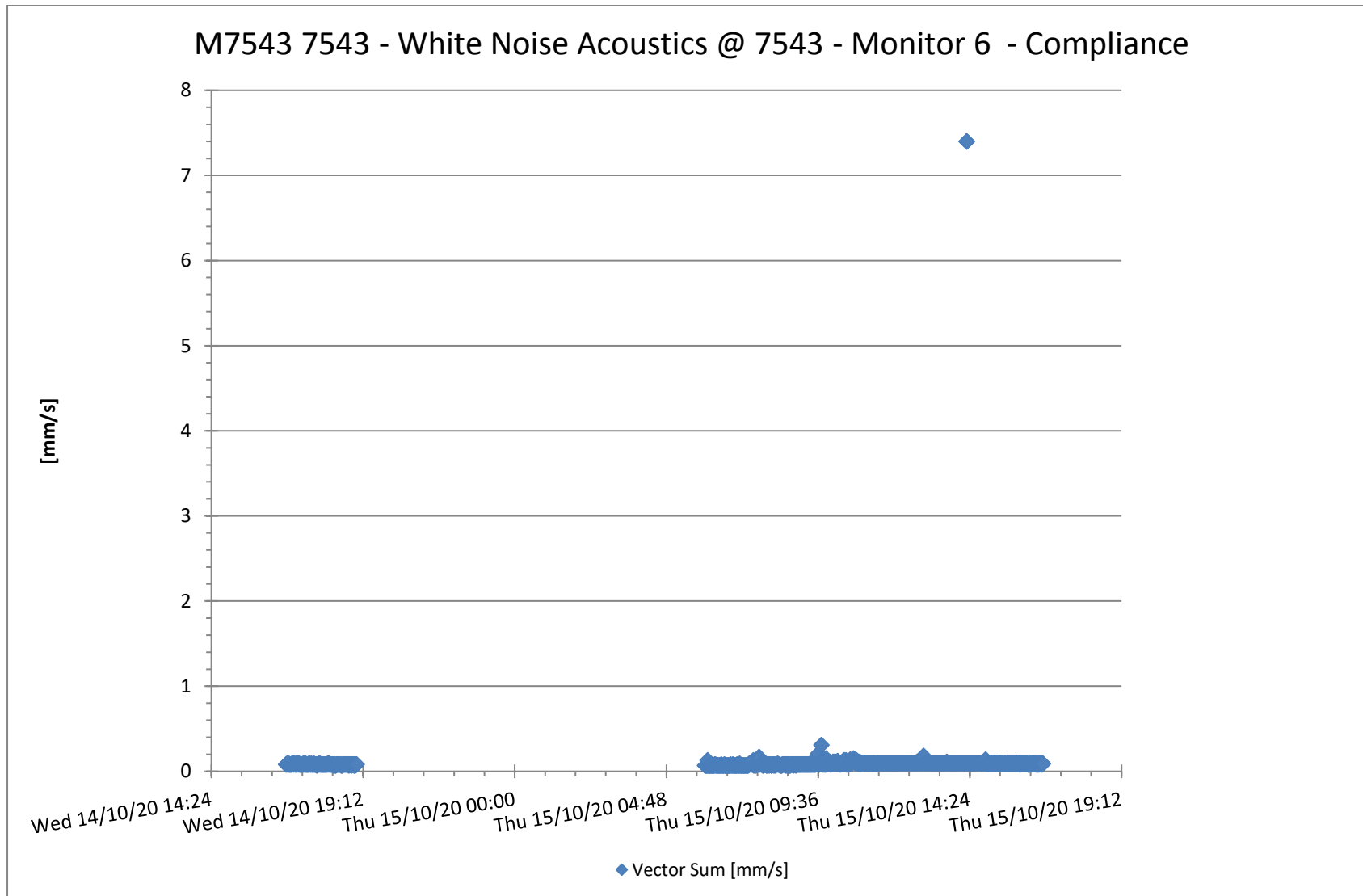
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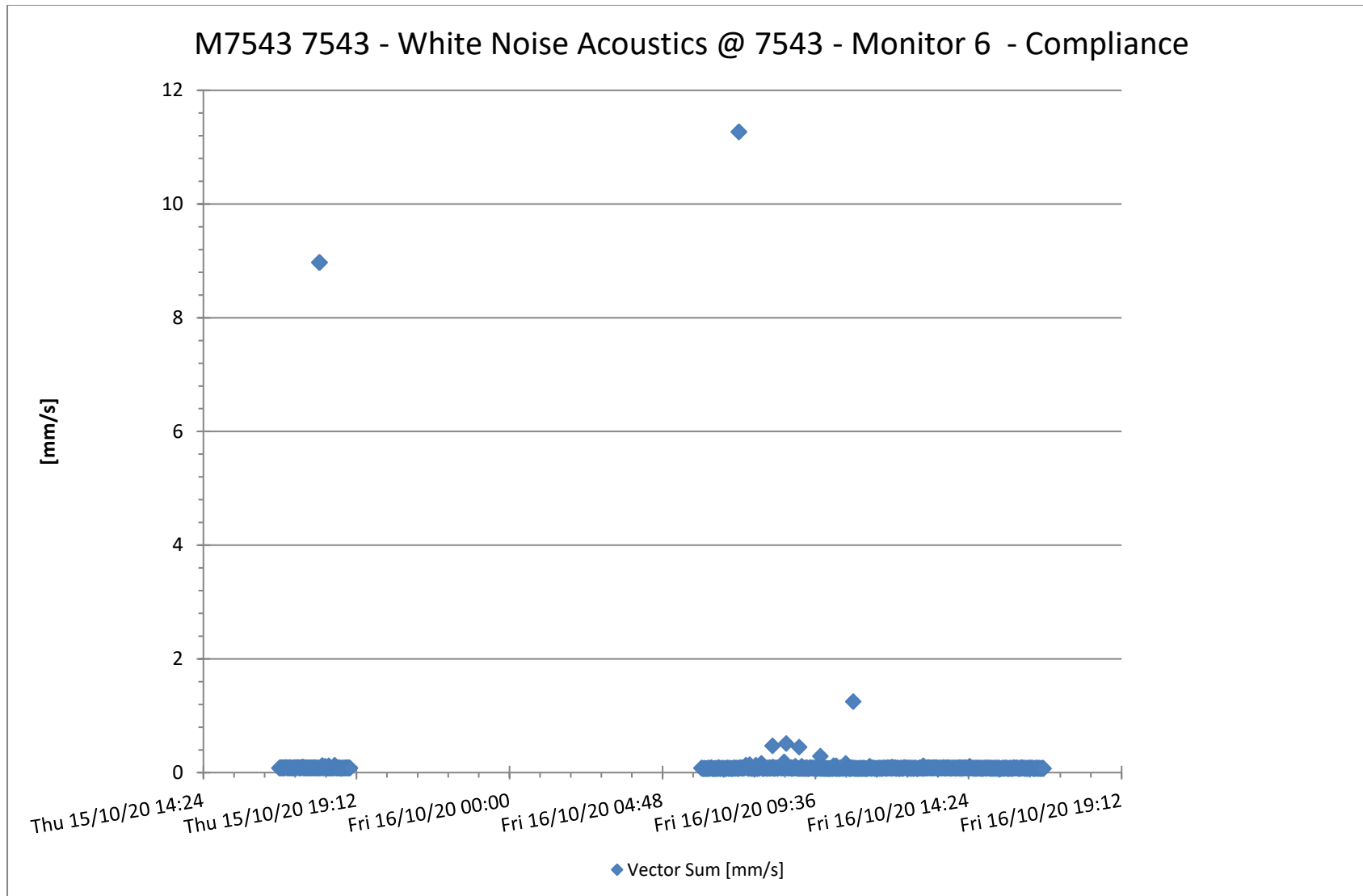
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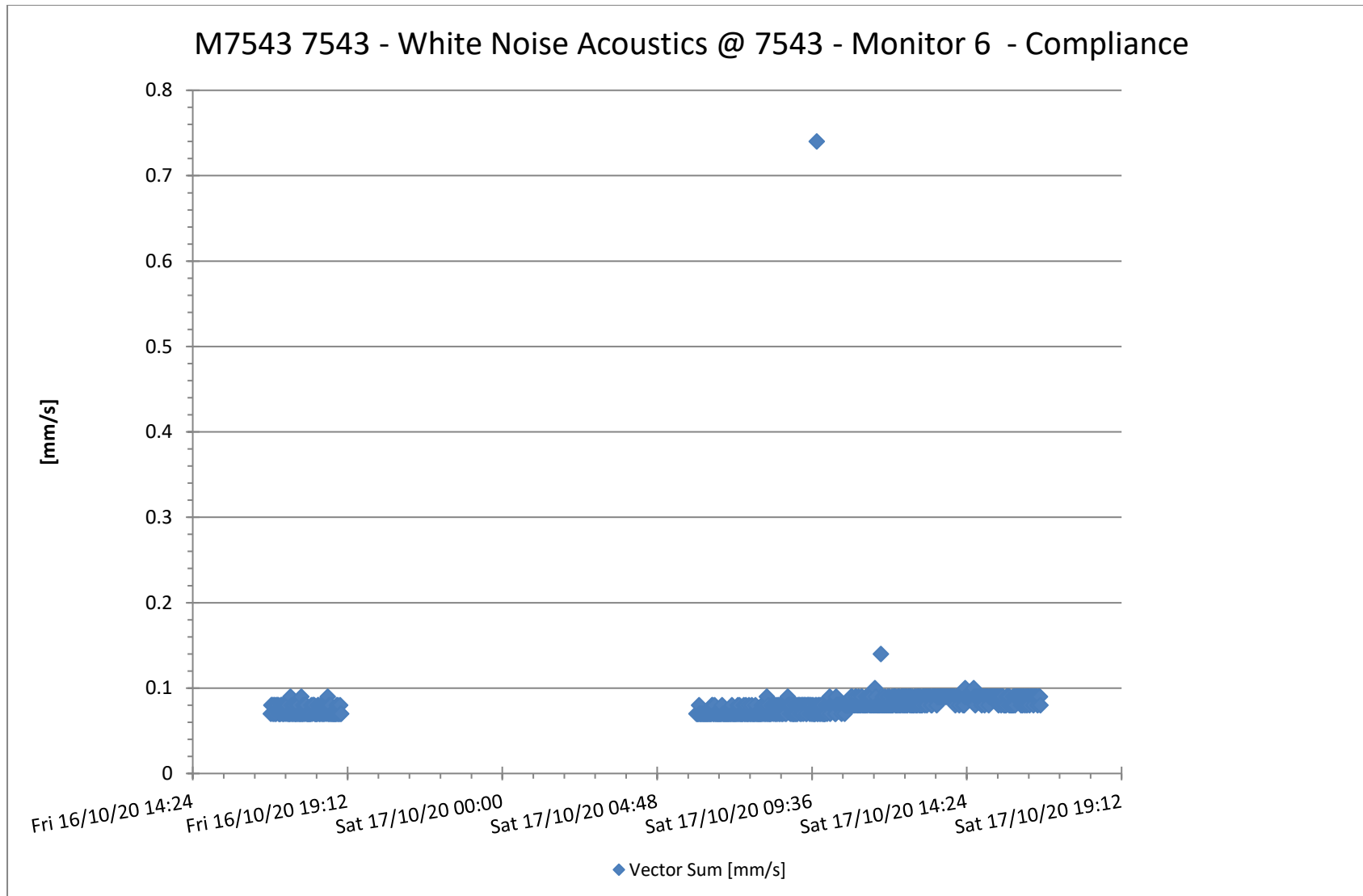
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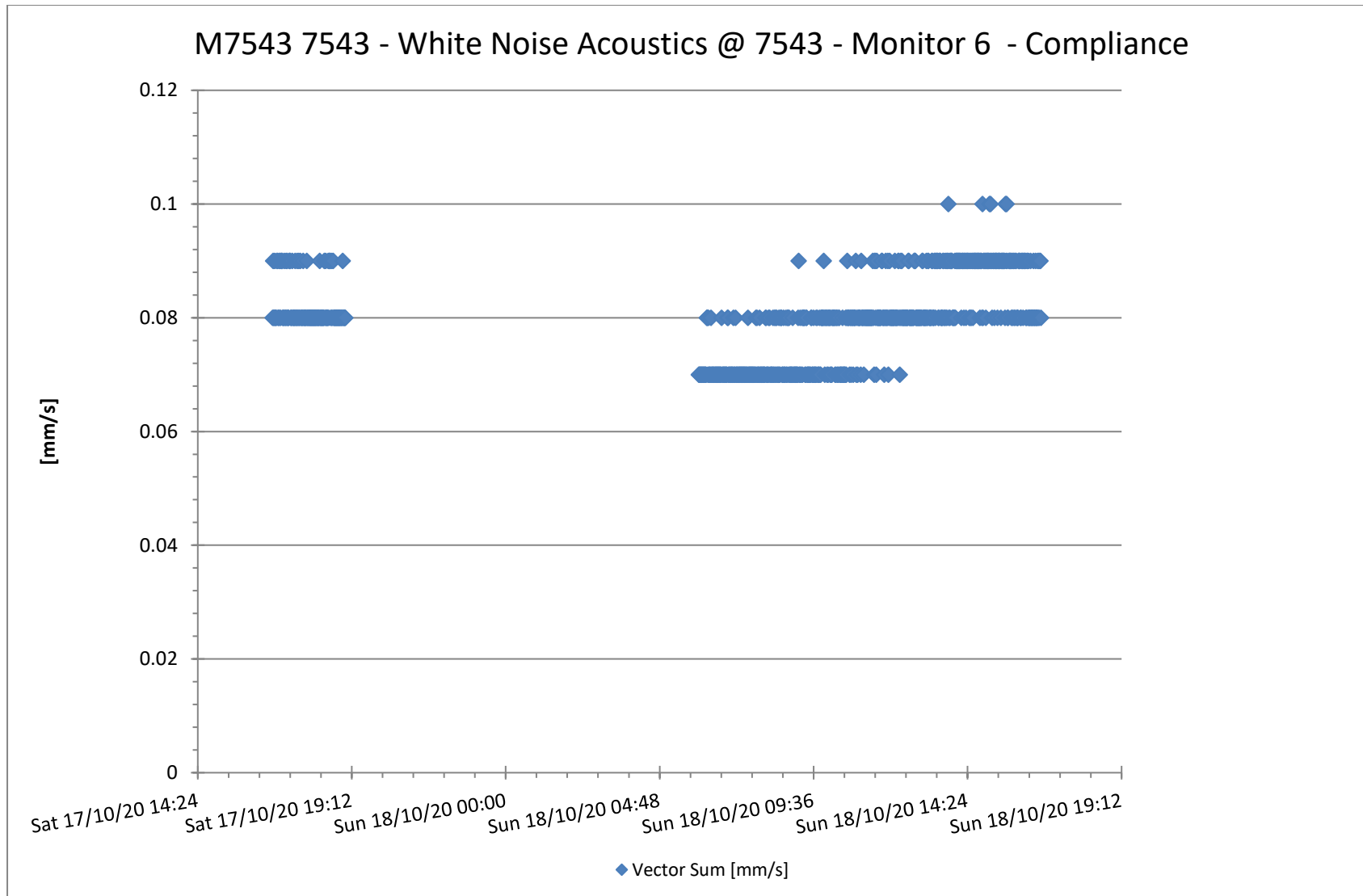
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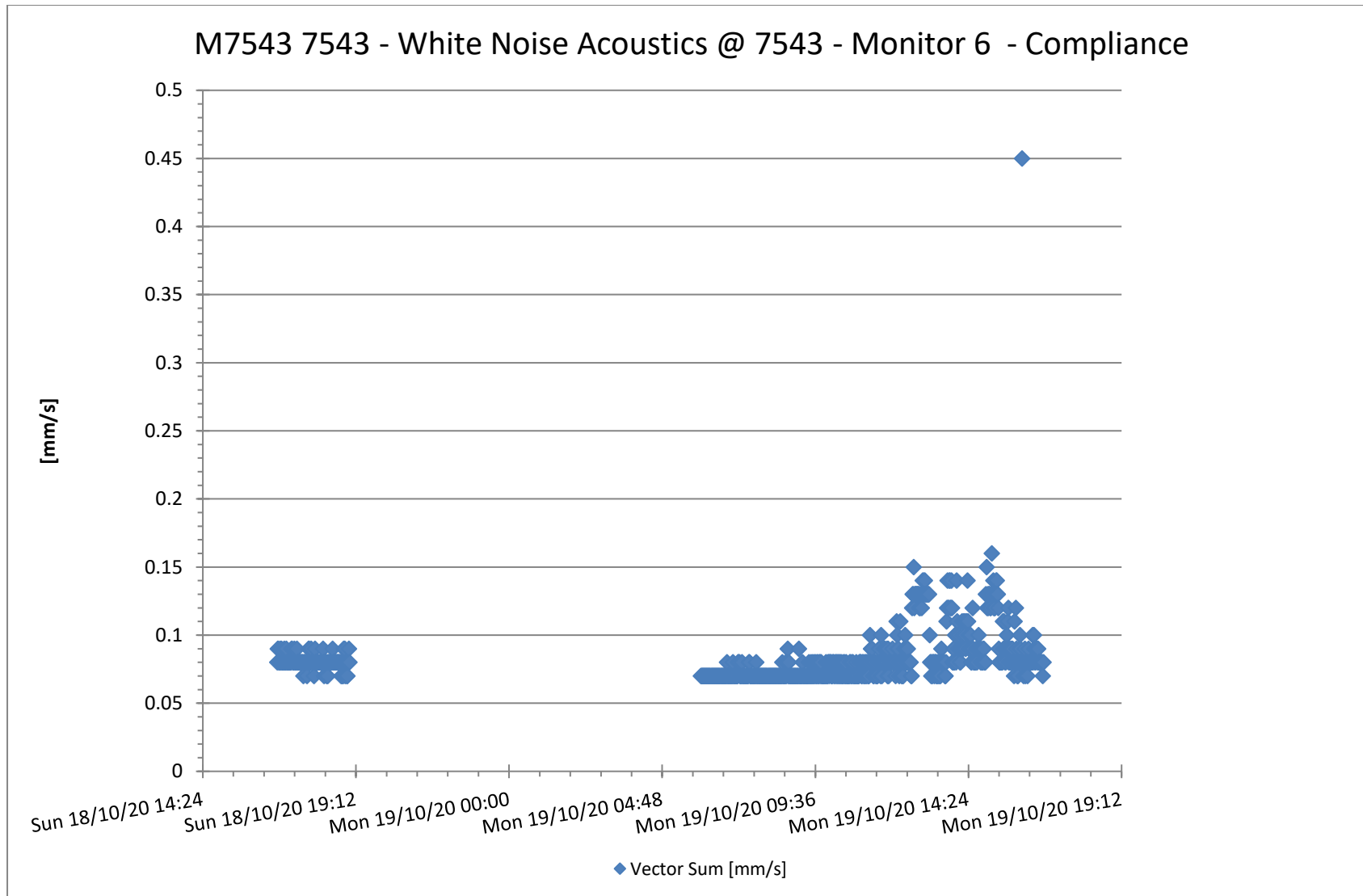
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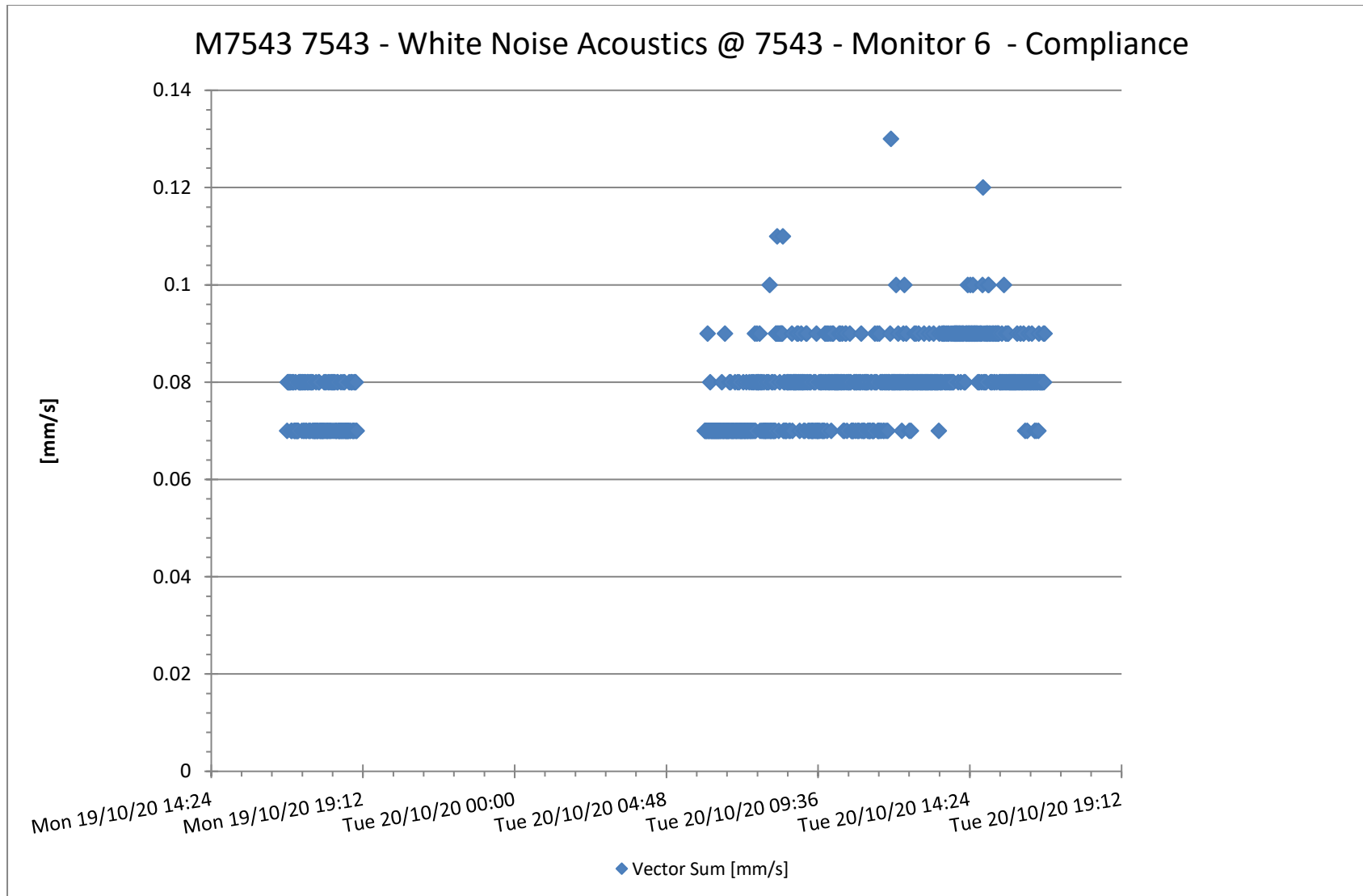
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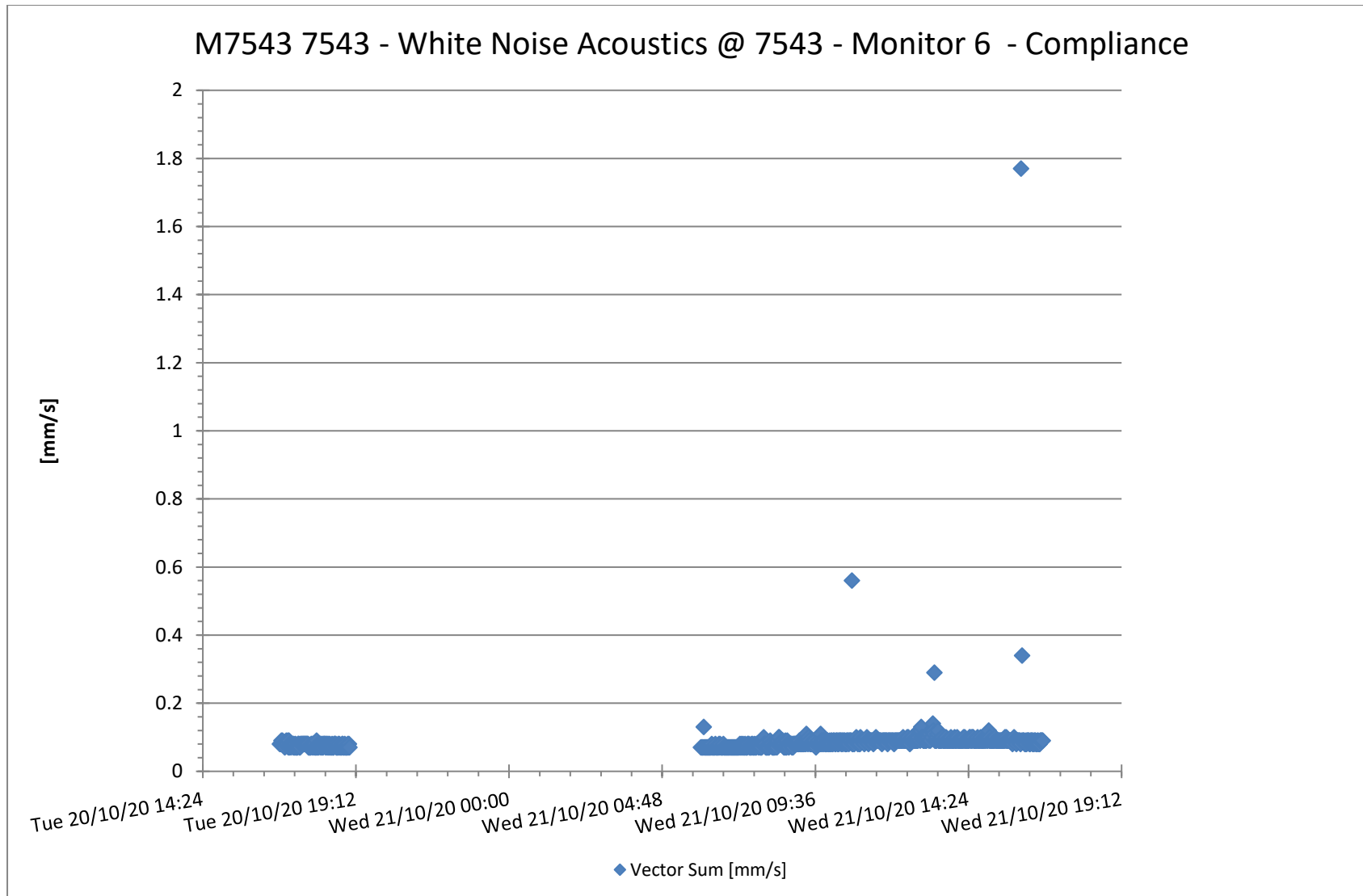
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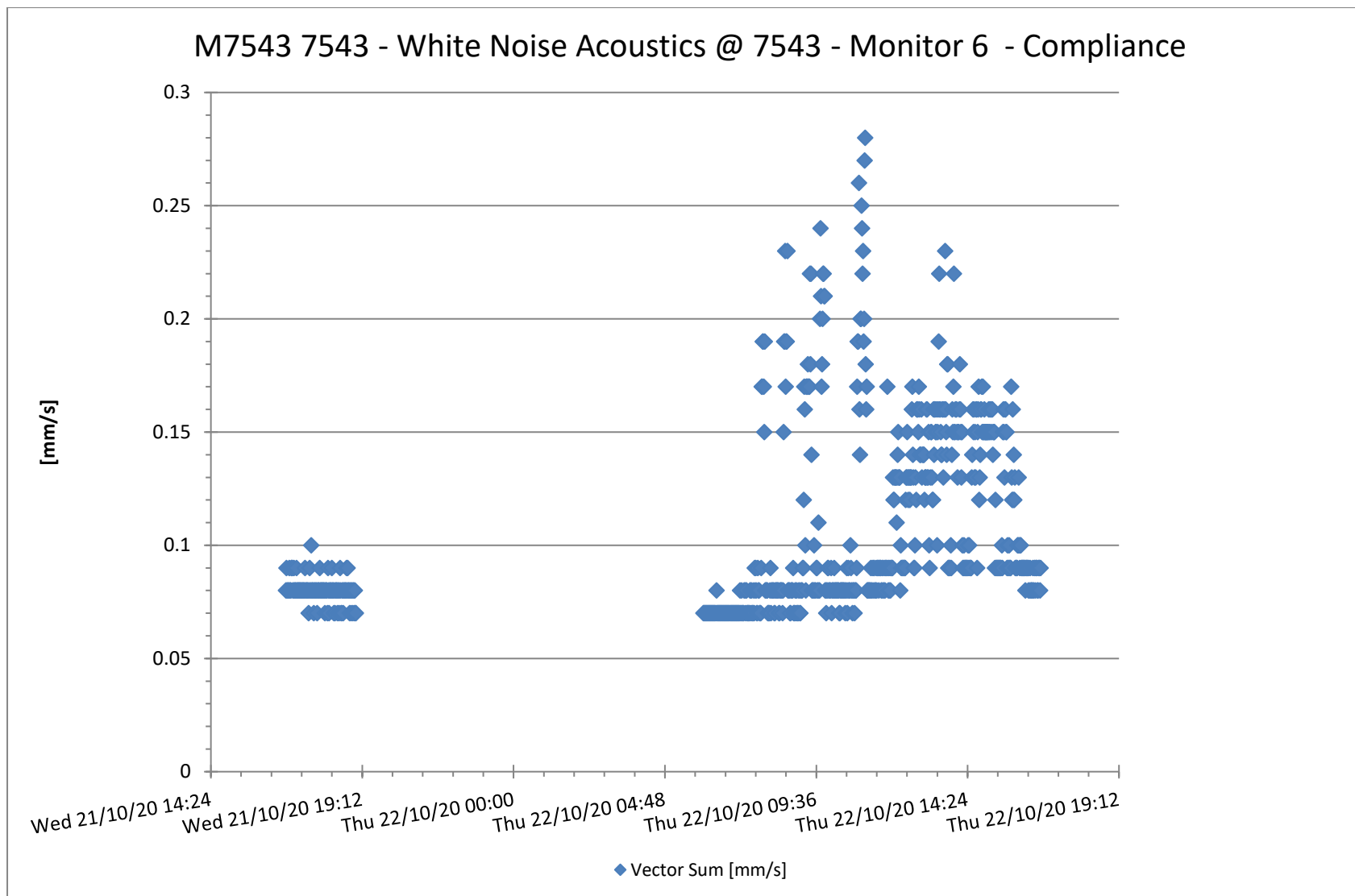
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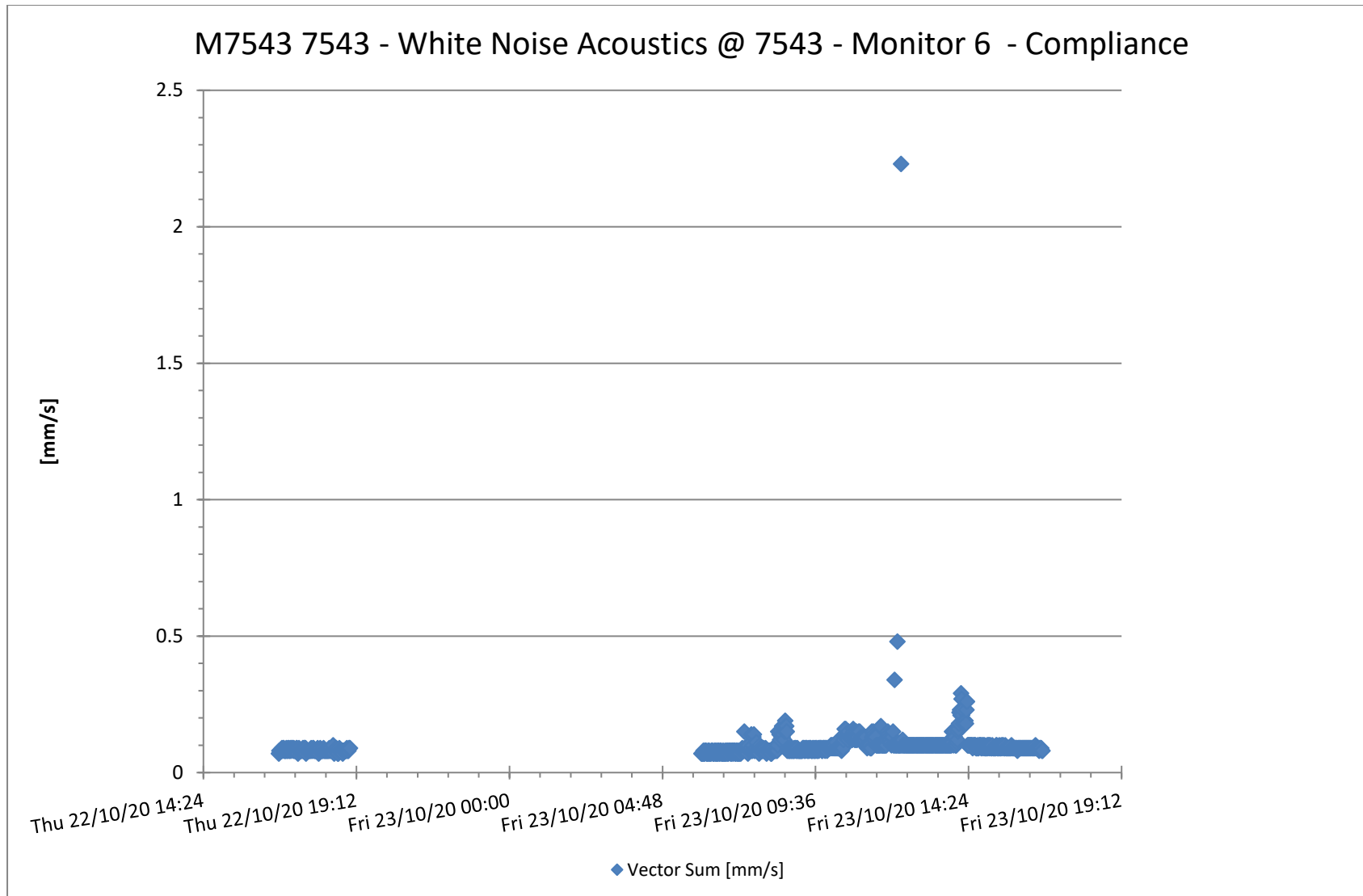
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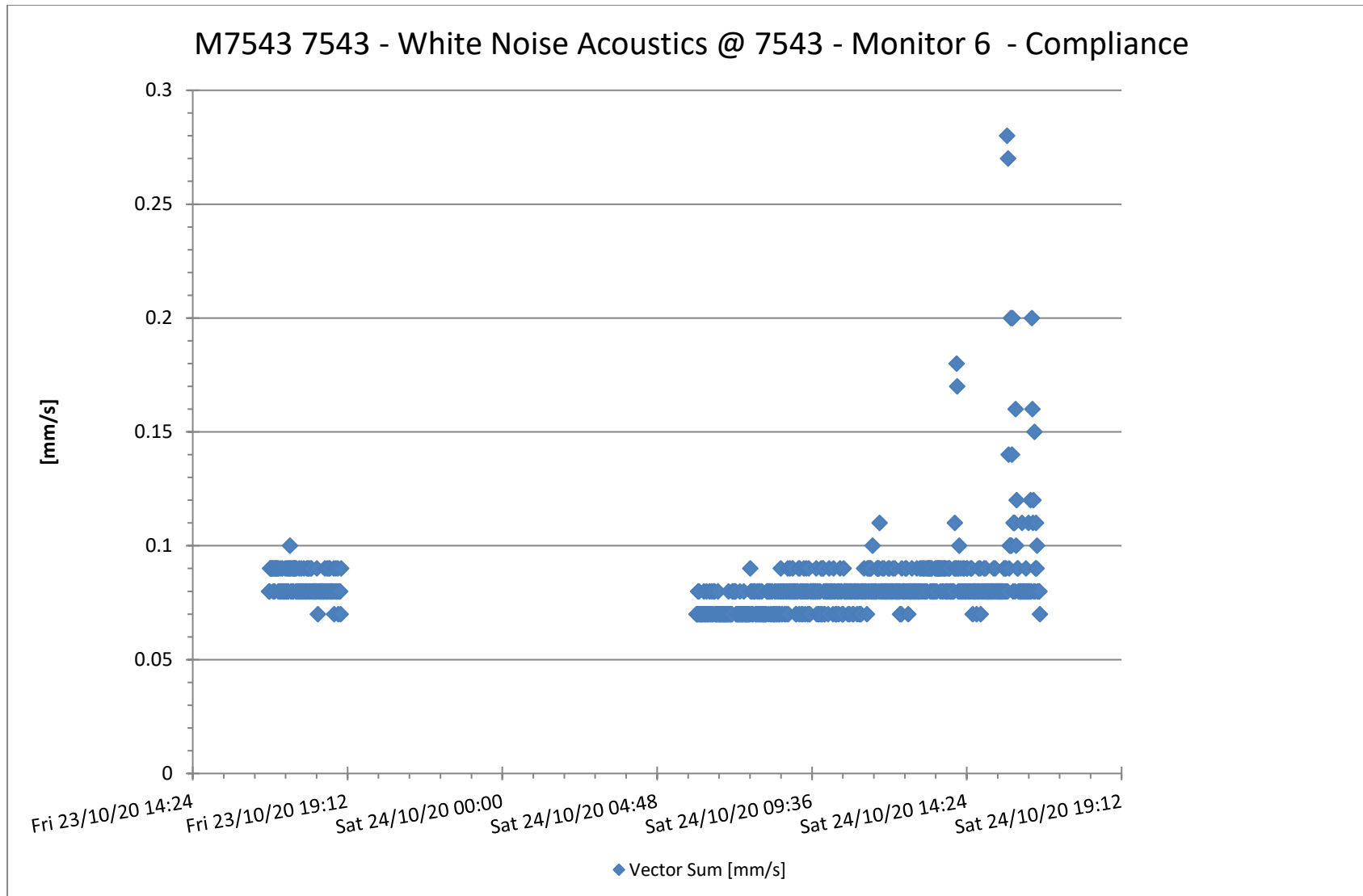
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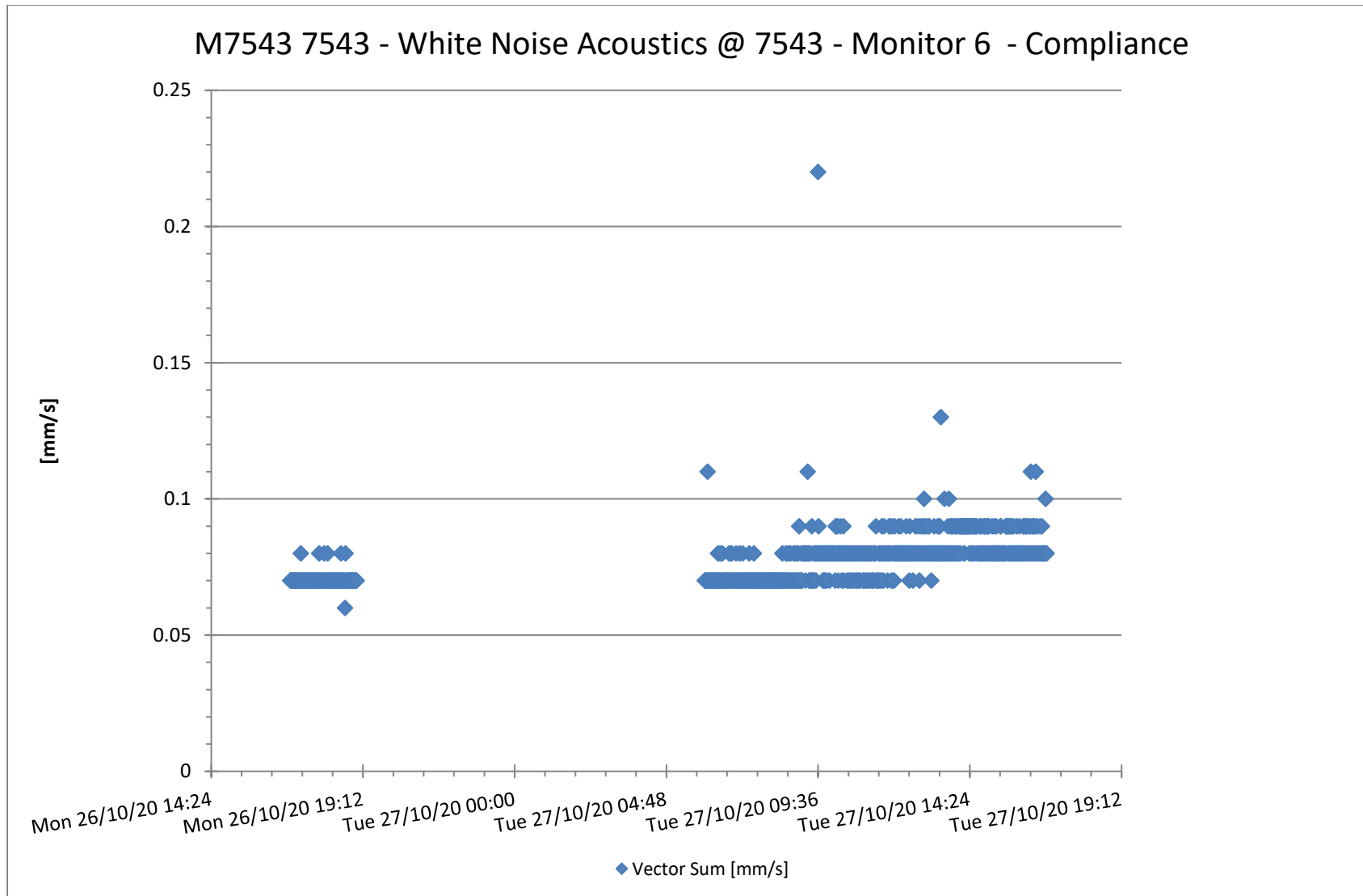
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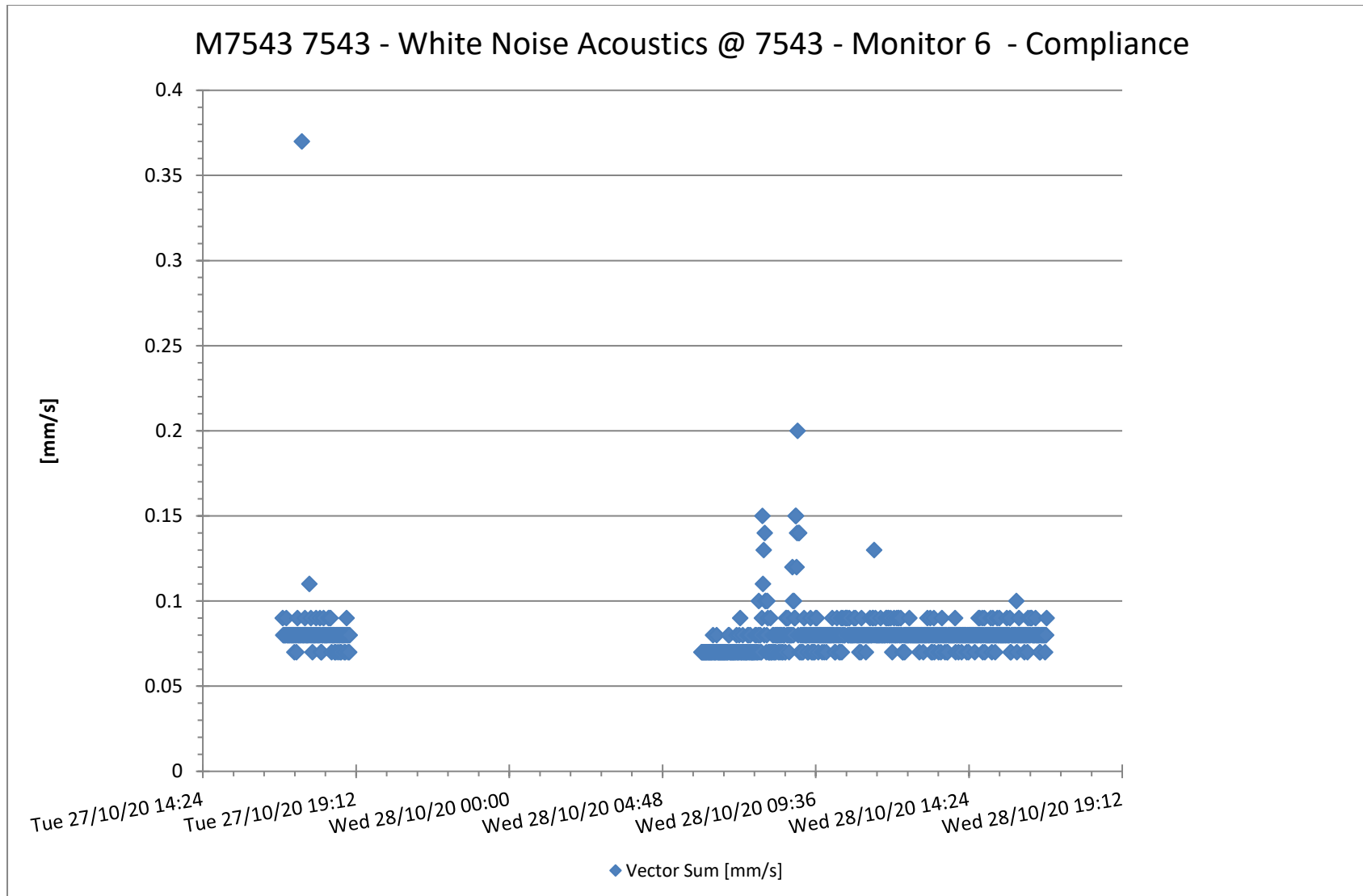
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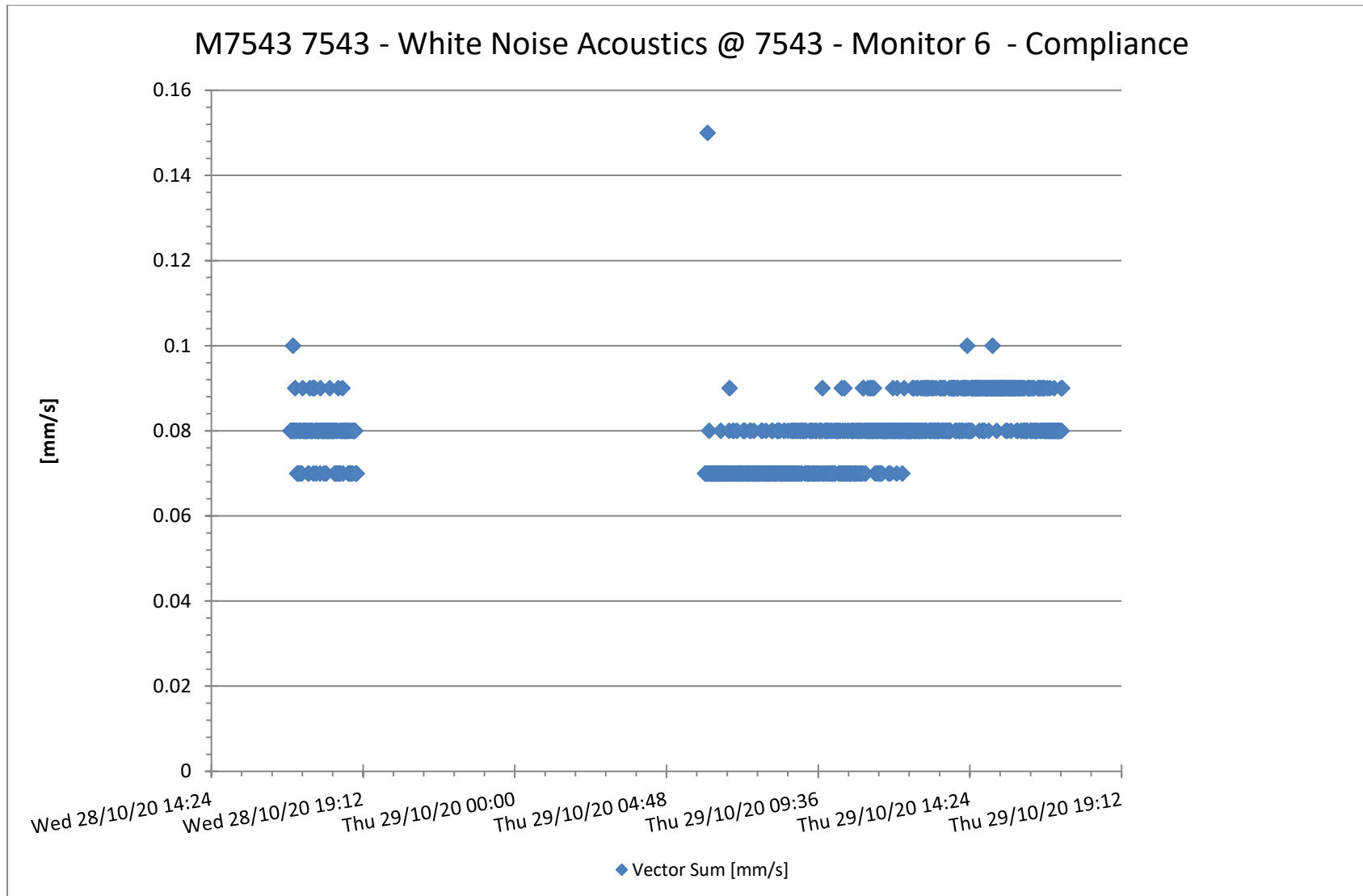
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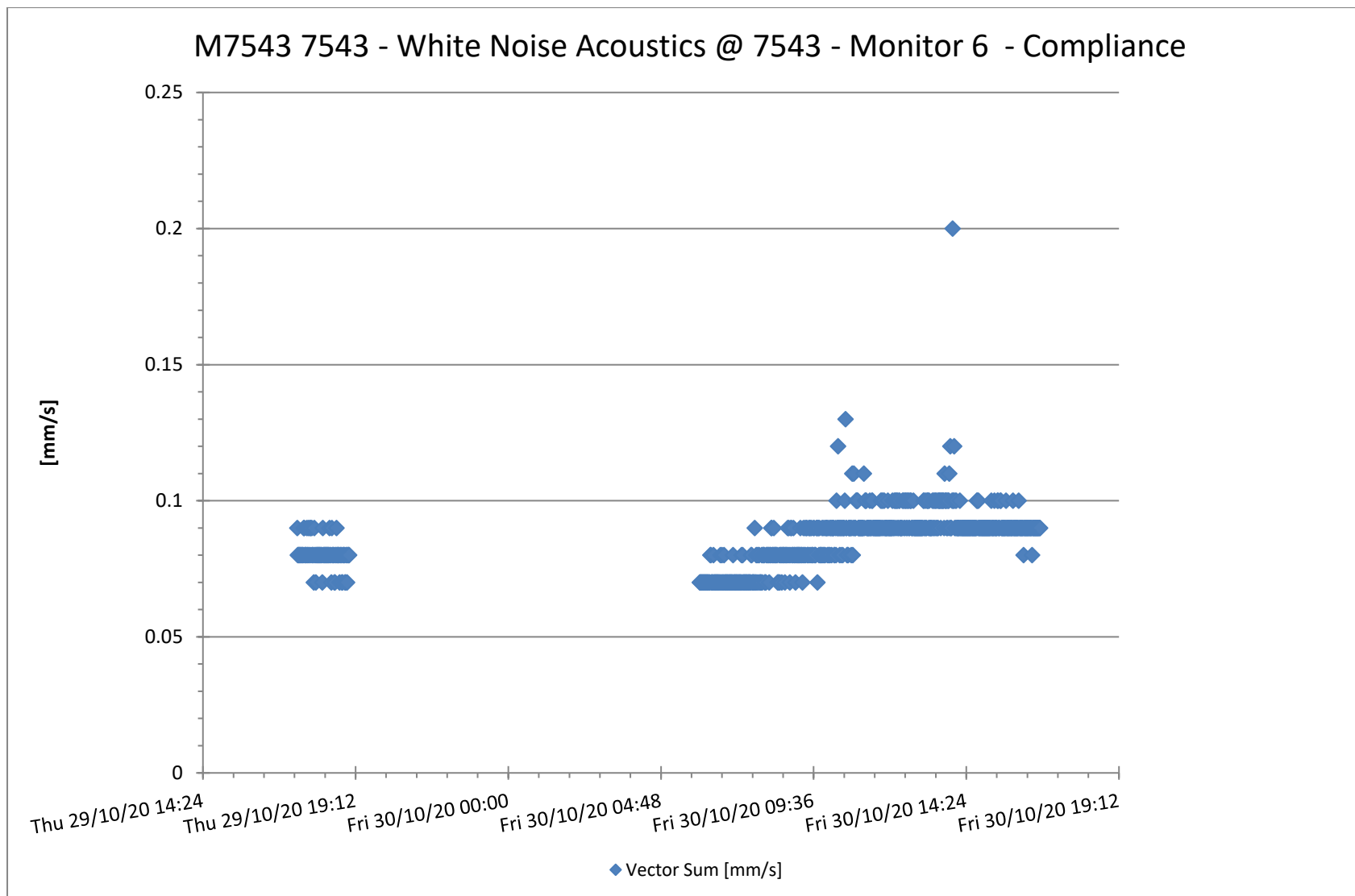
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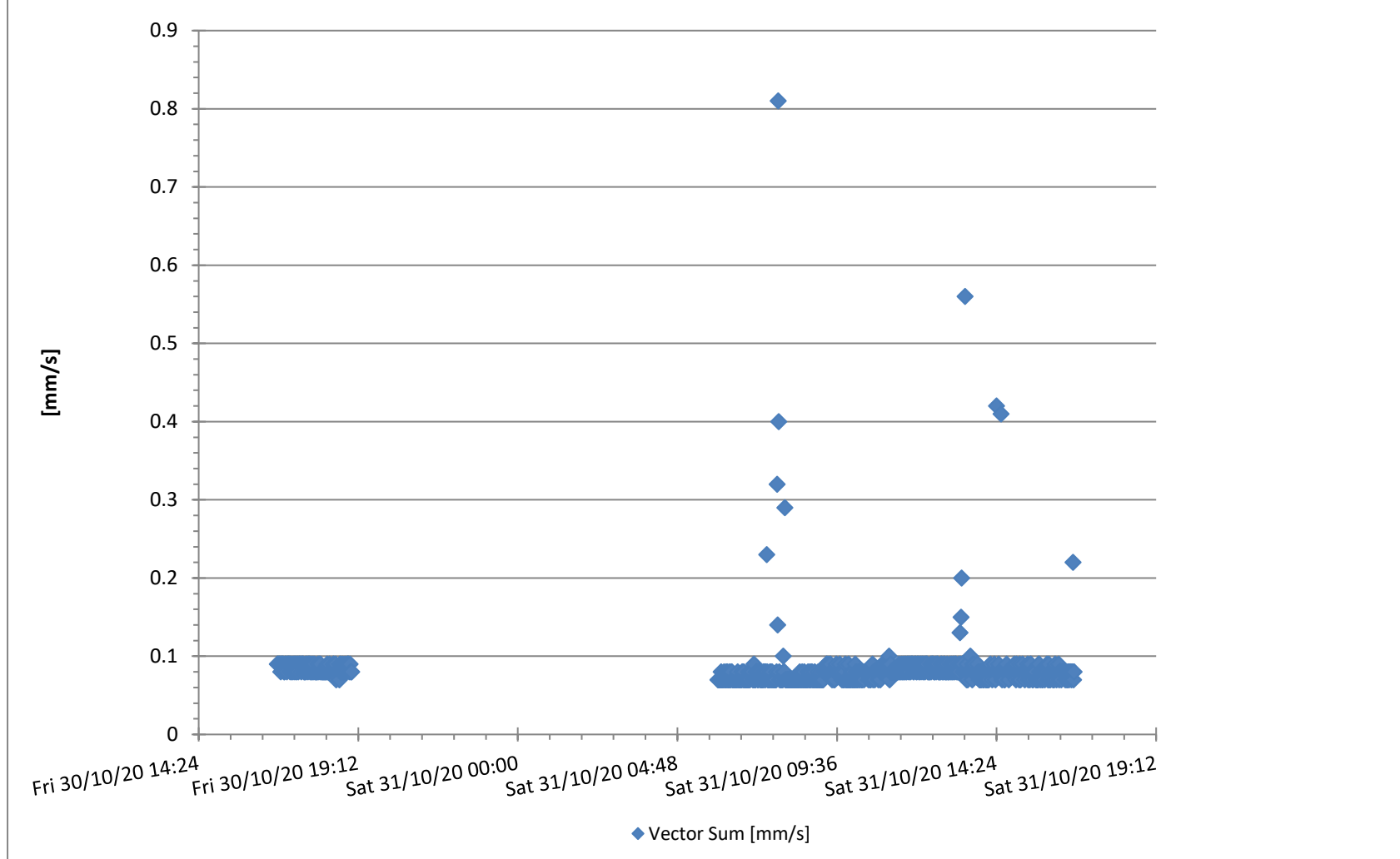
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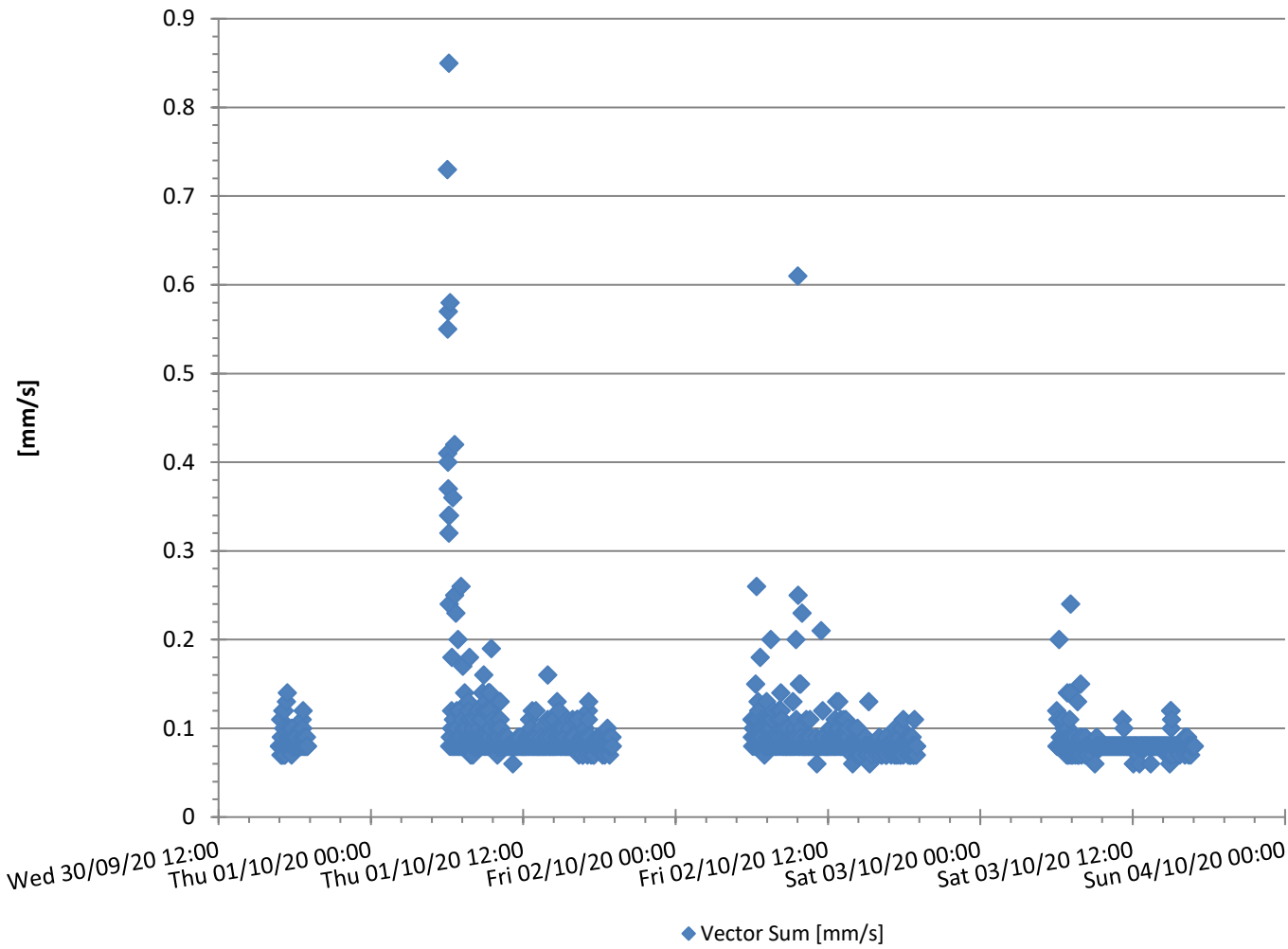


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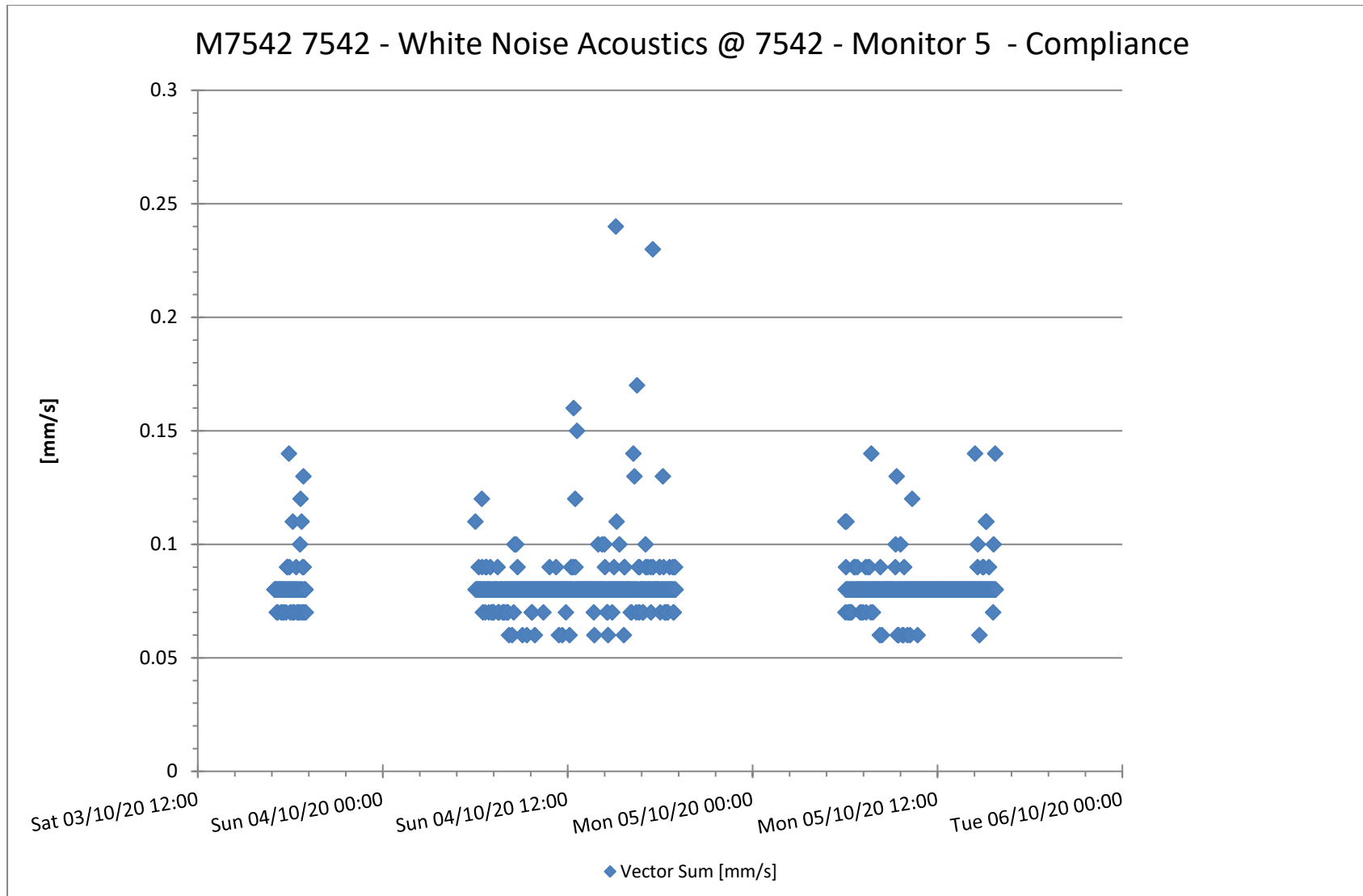


9 Appendix C –Logger Location 2 – Monitor M7542

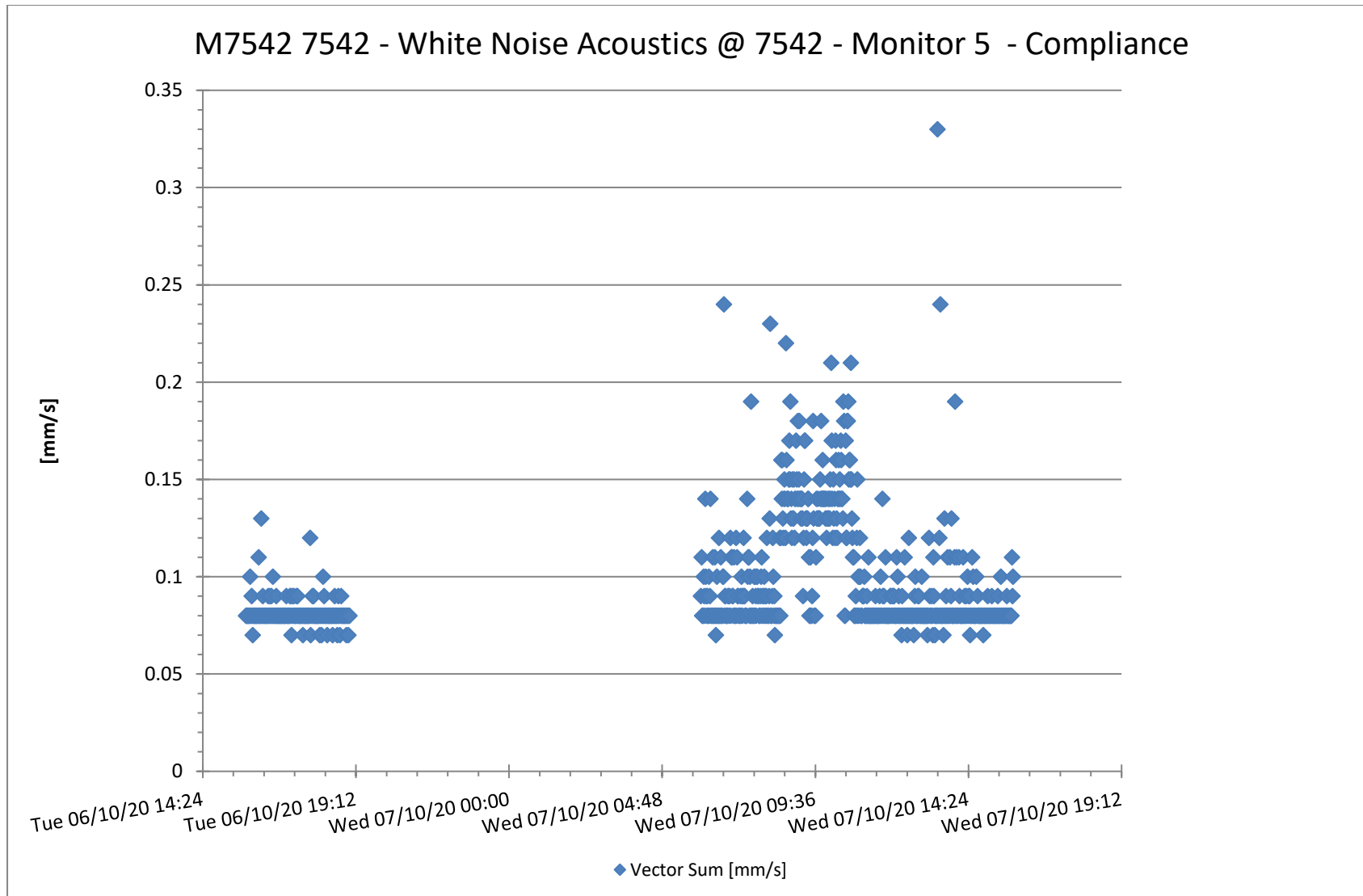
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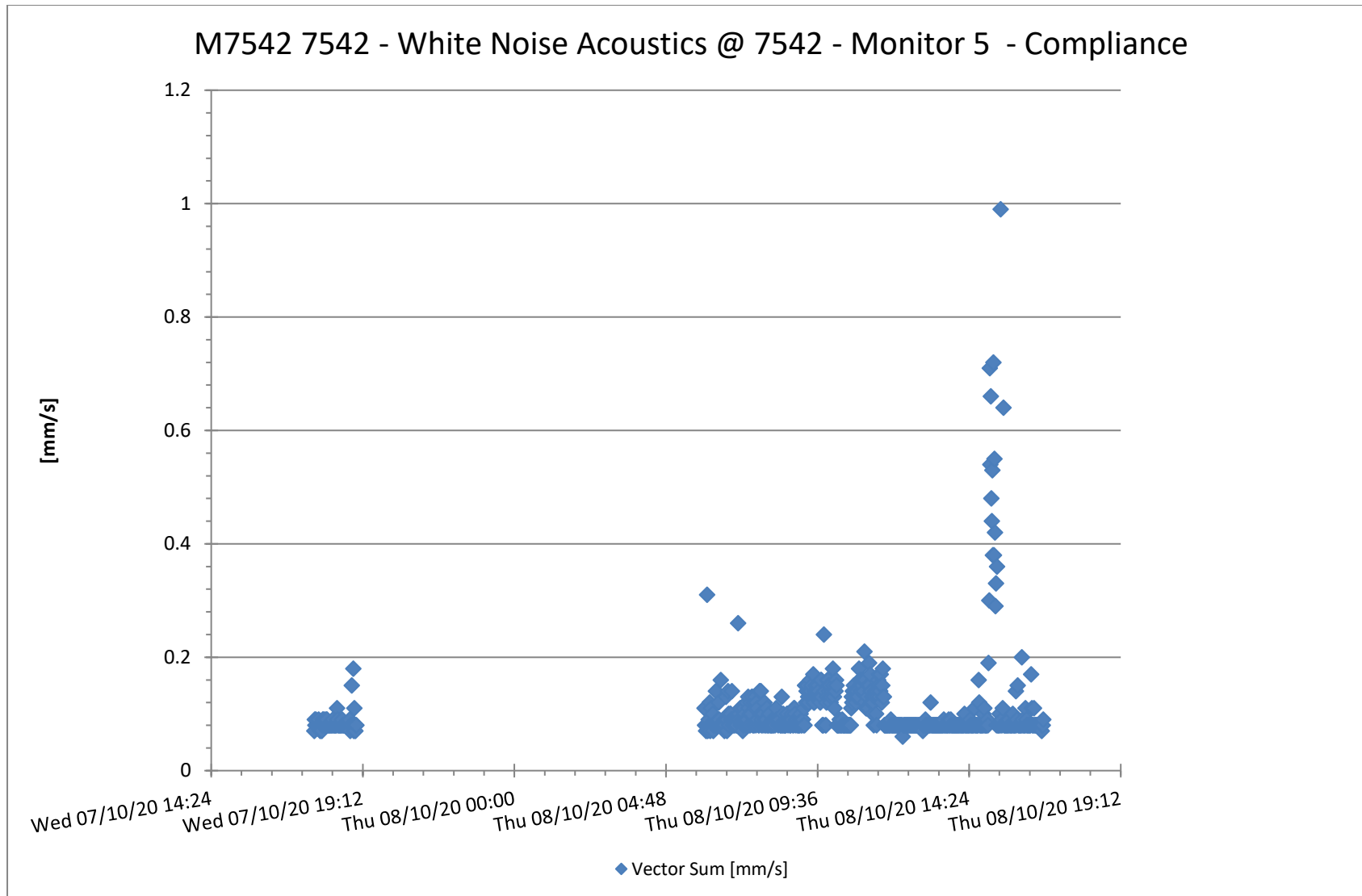
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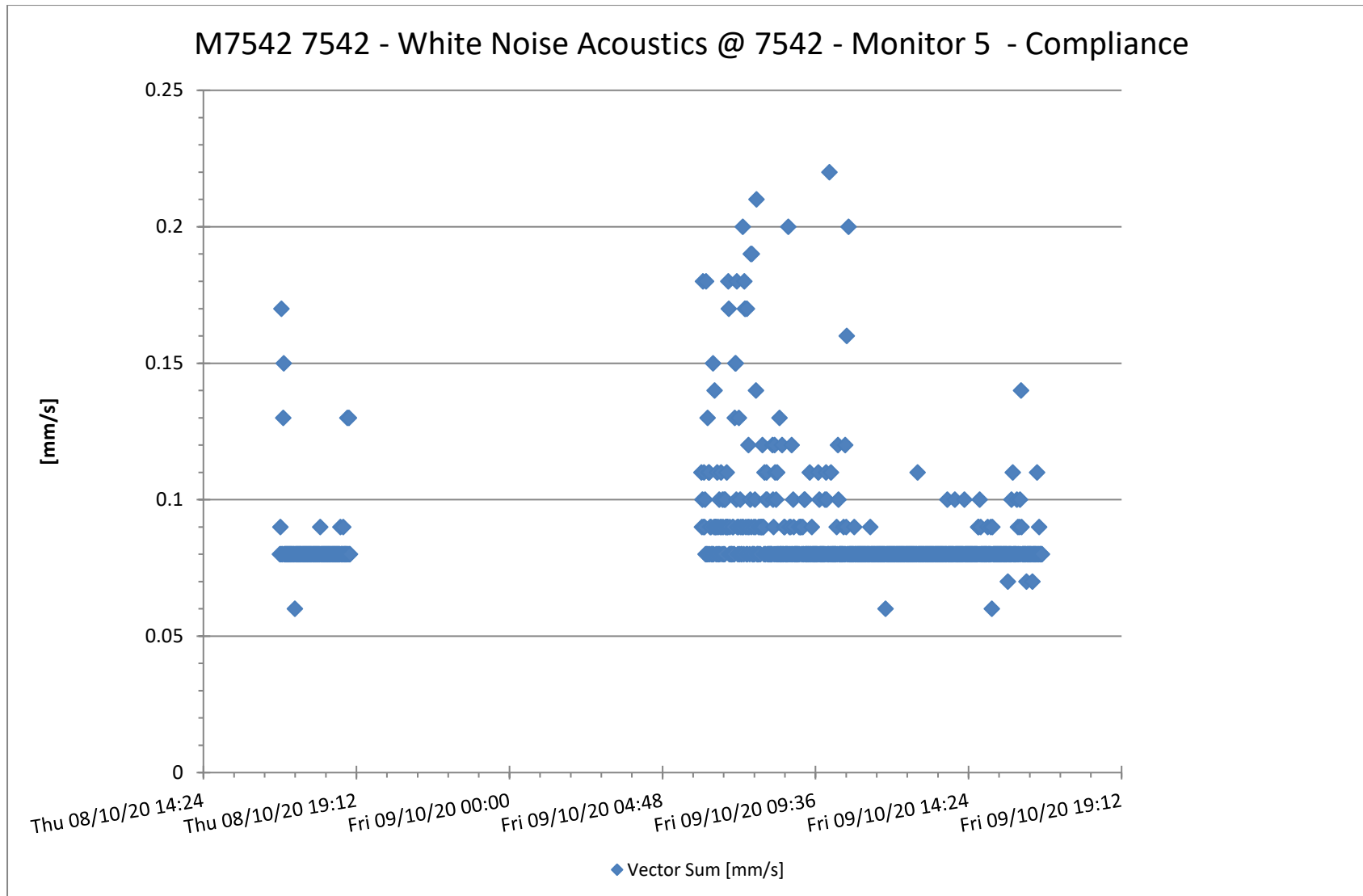
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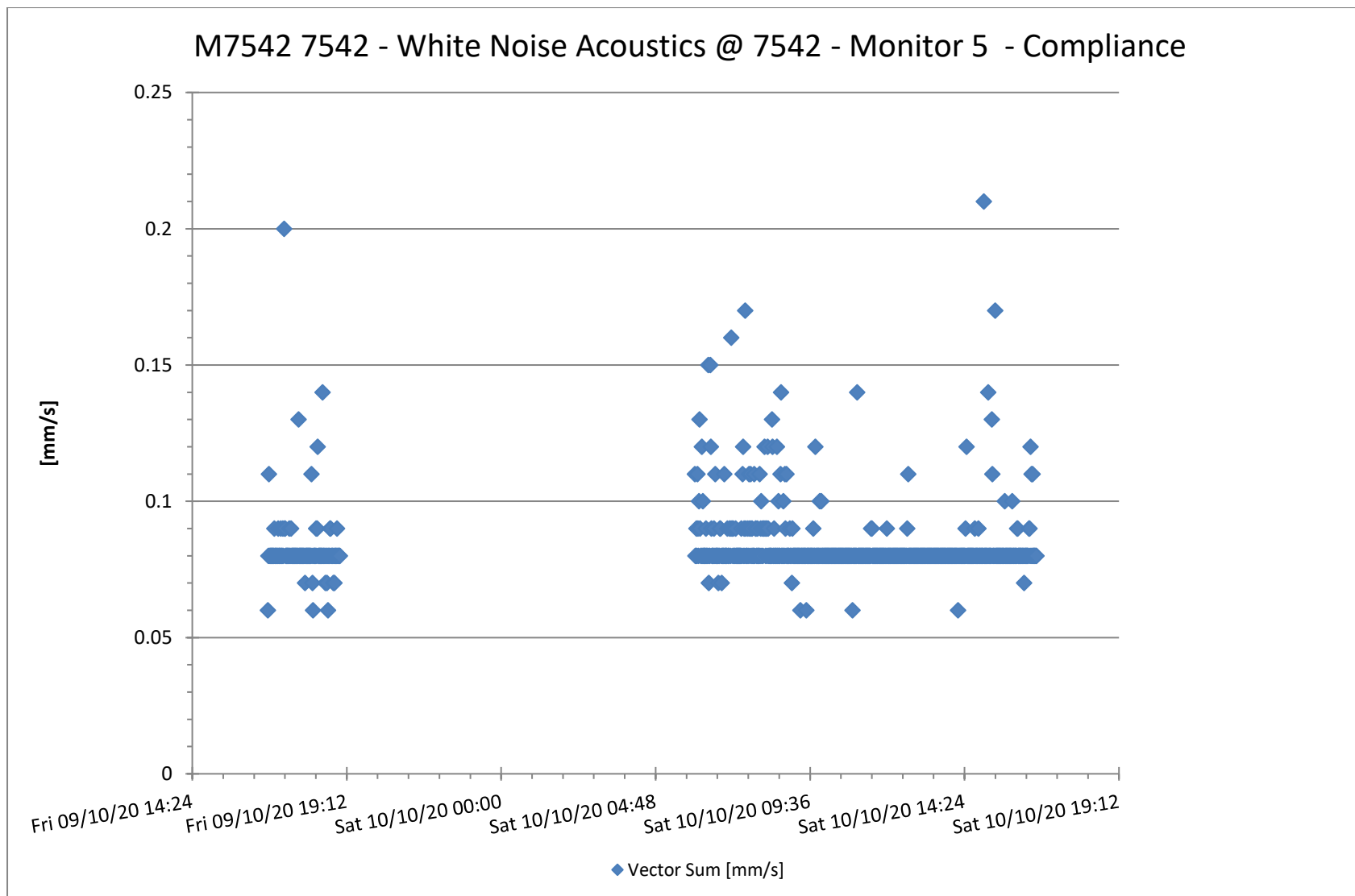
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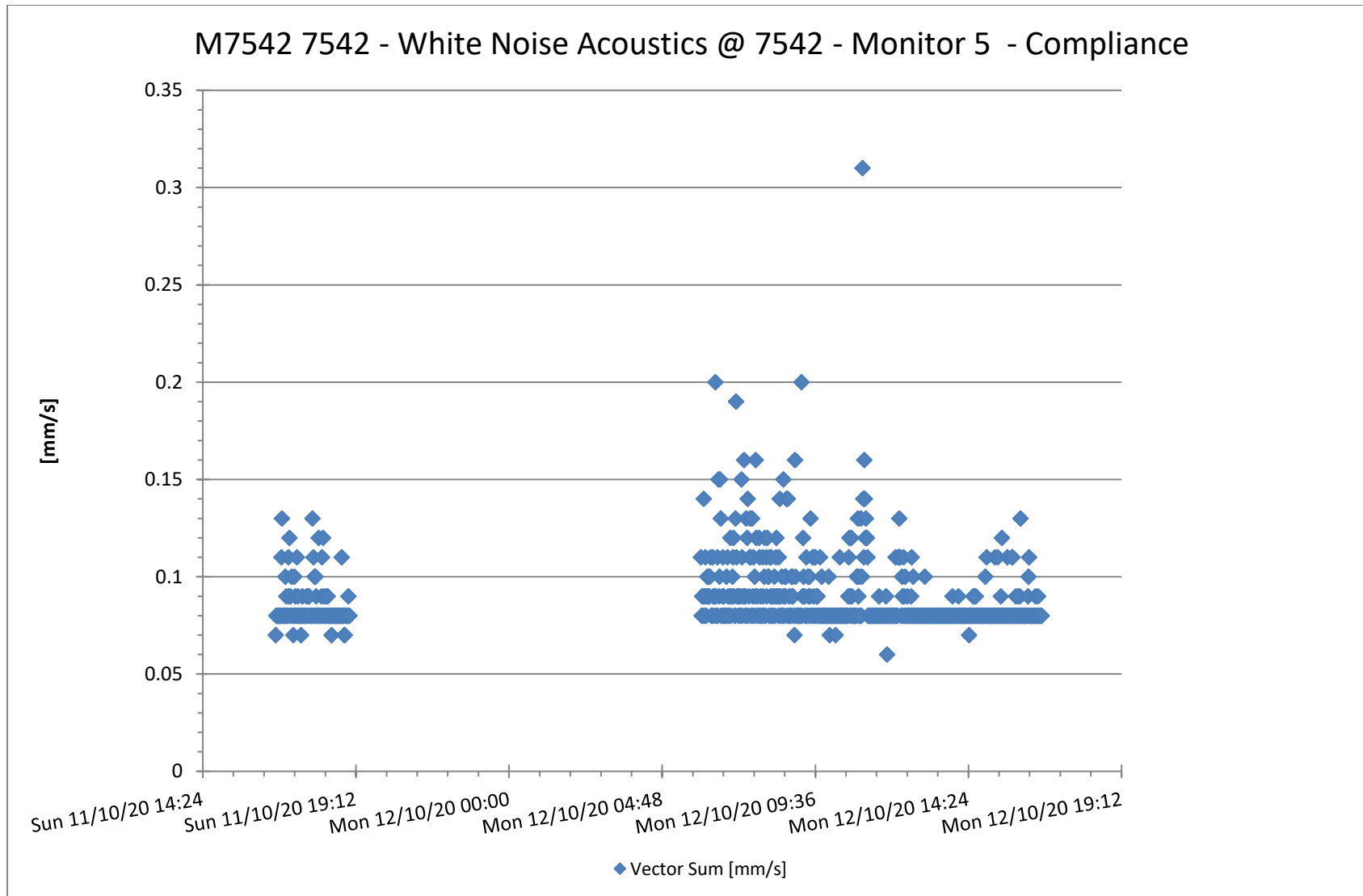
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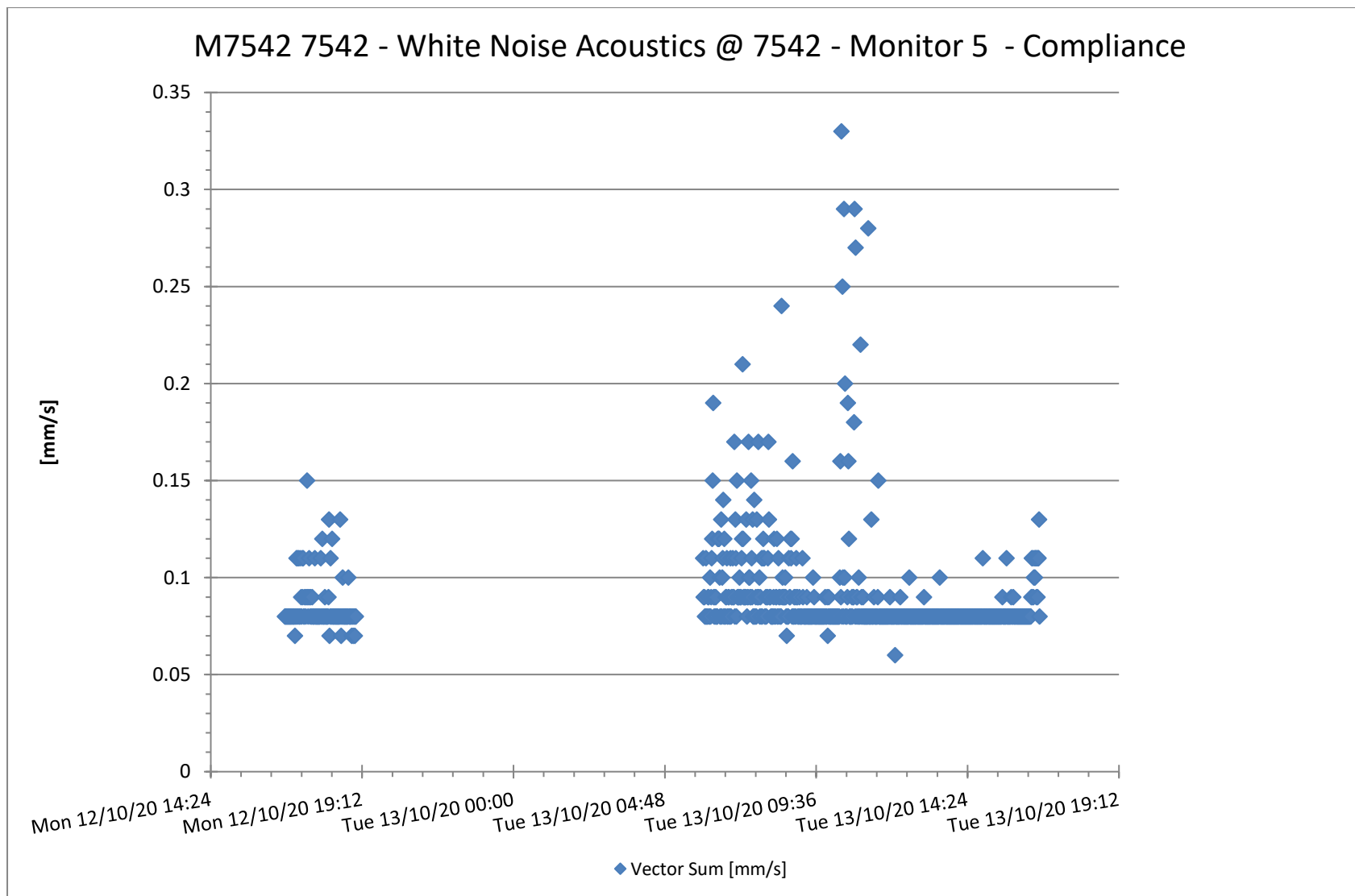
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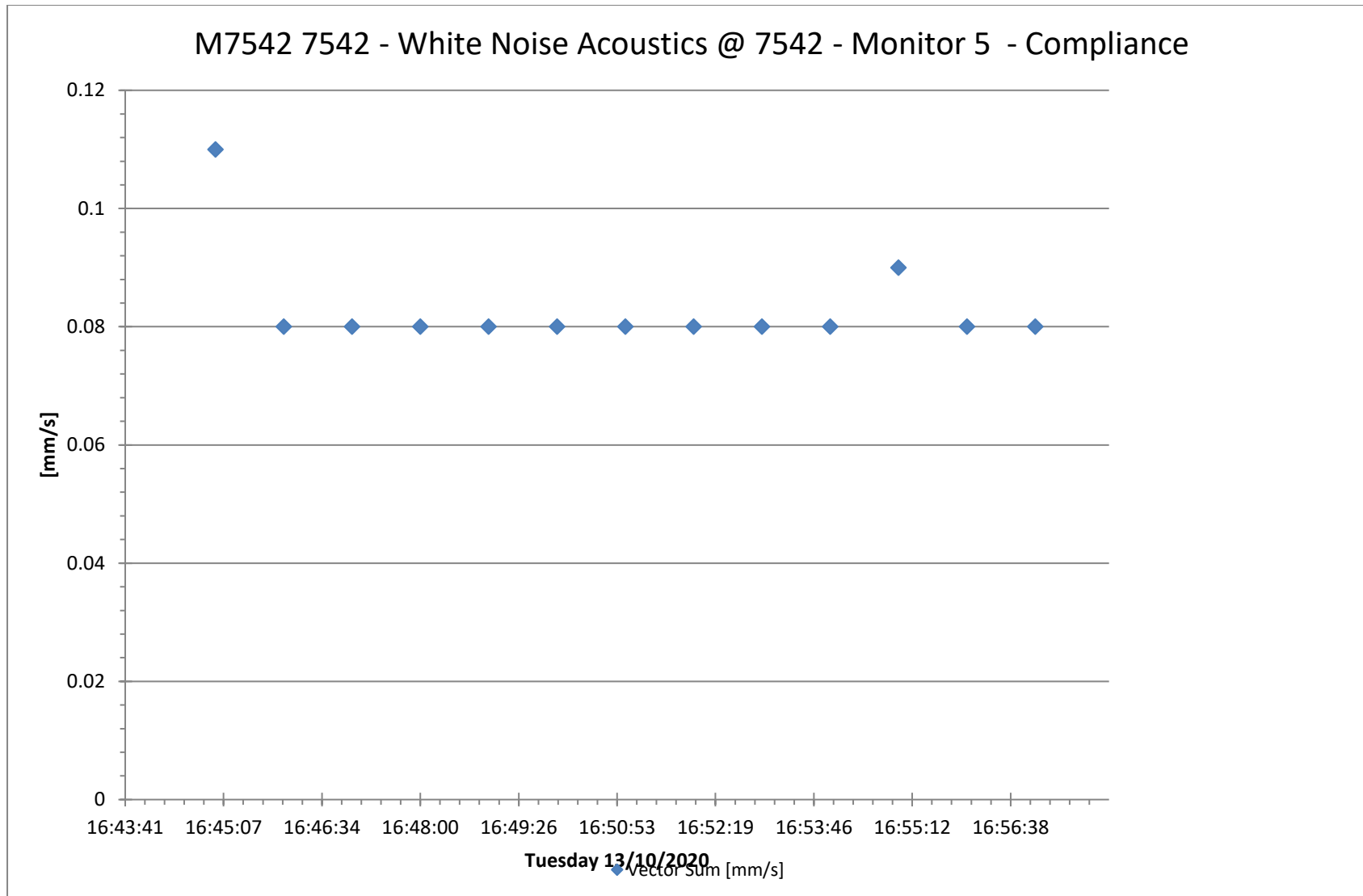
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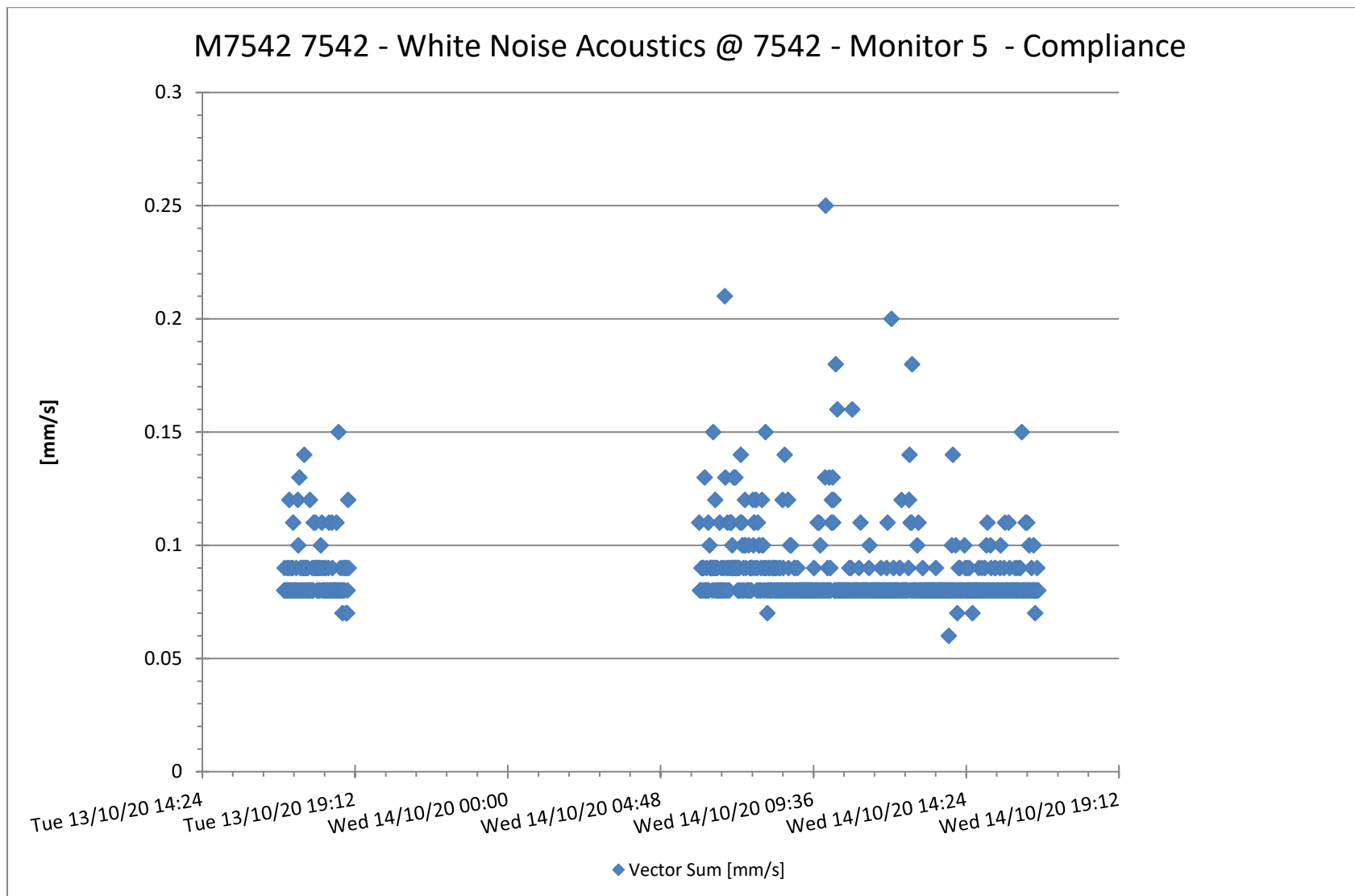
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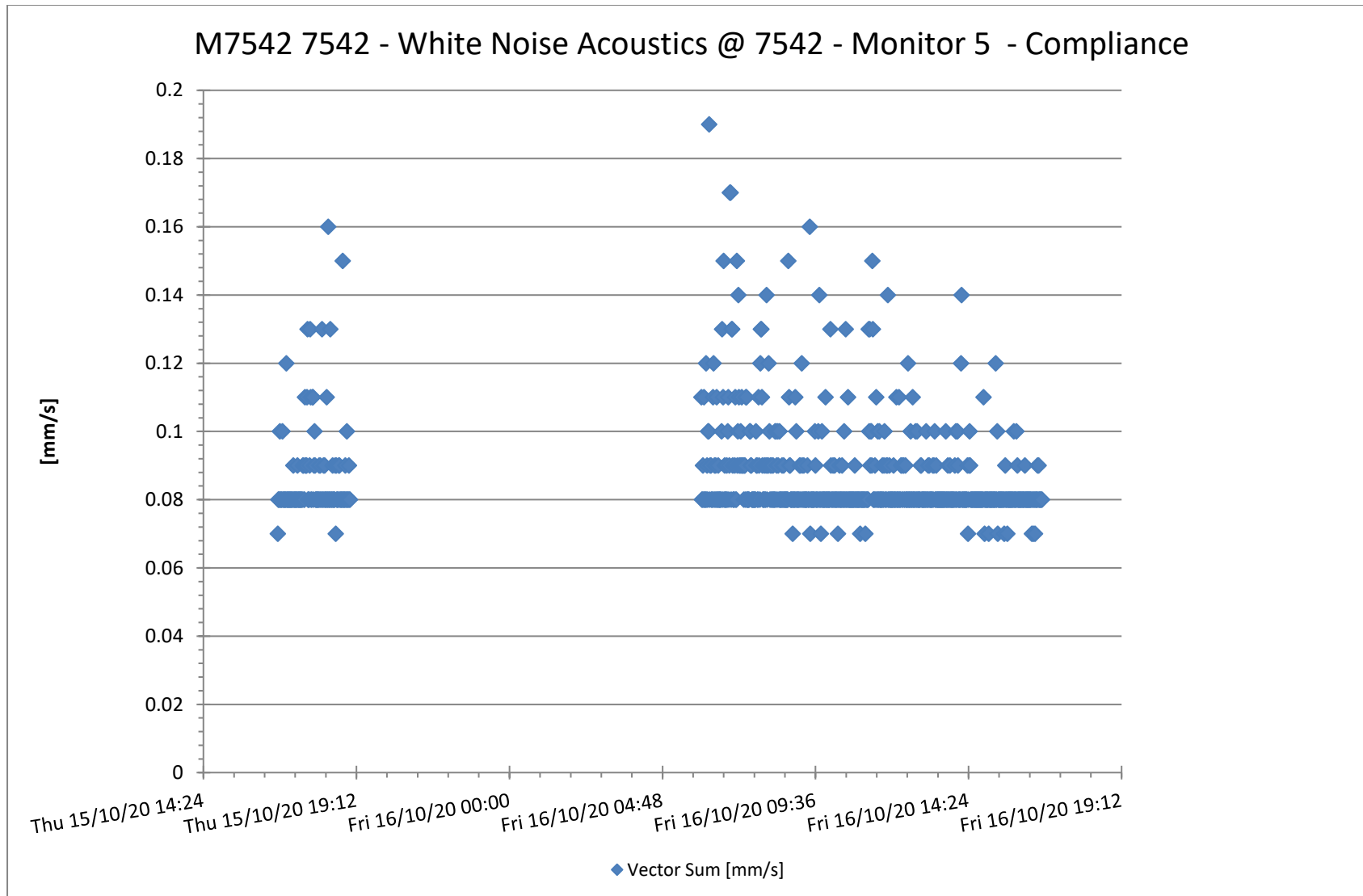
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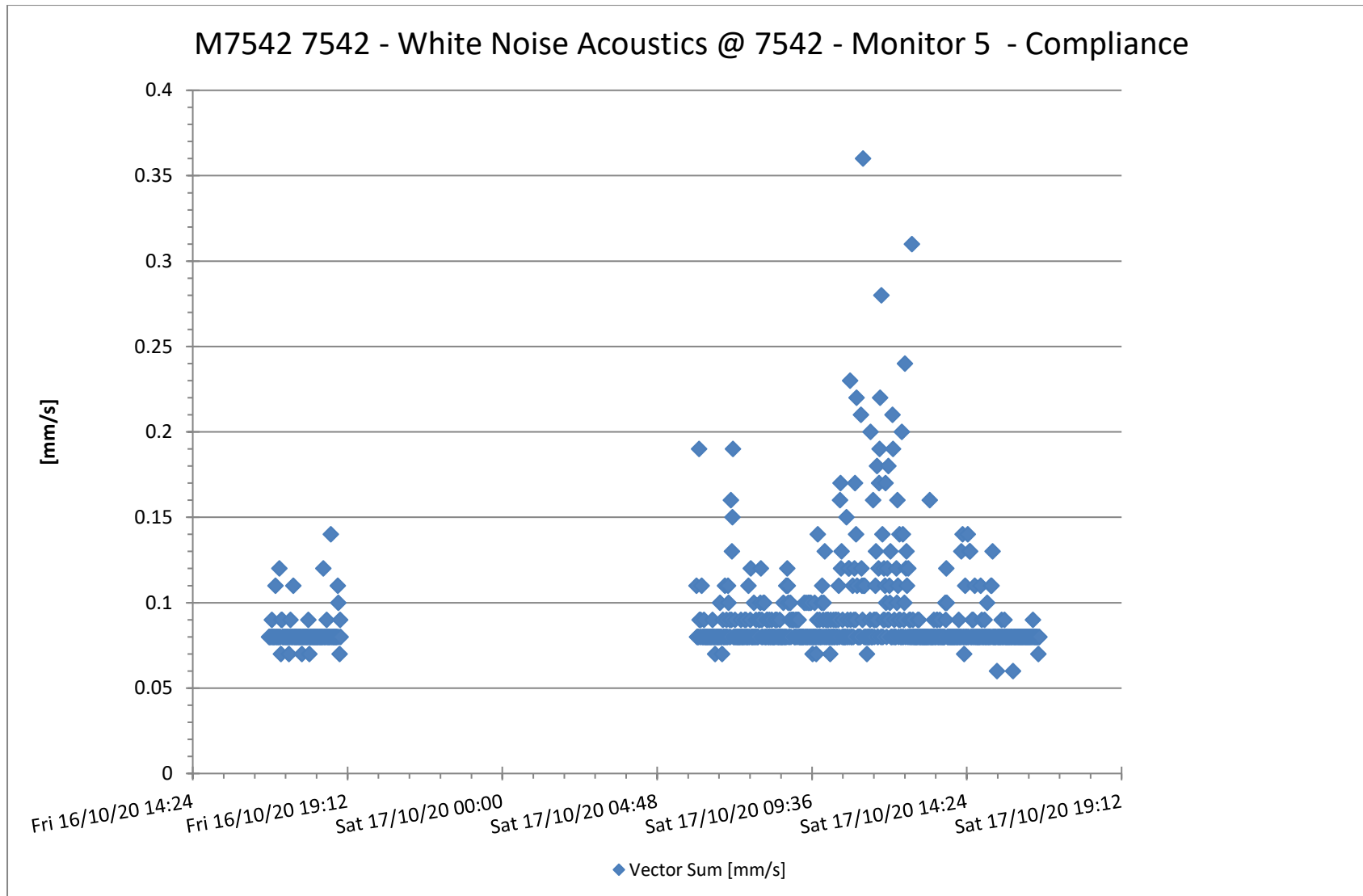
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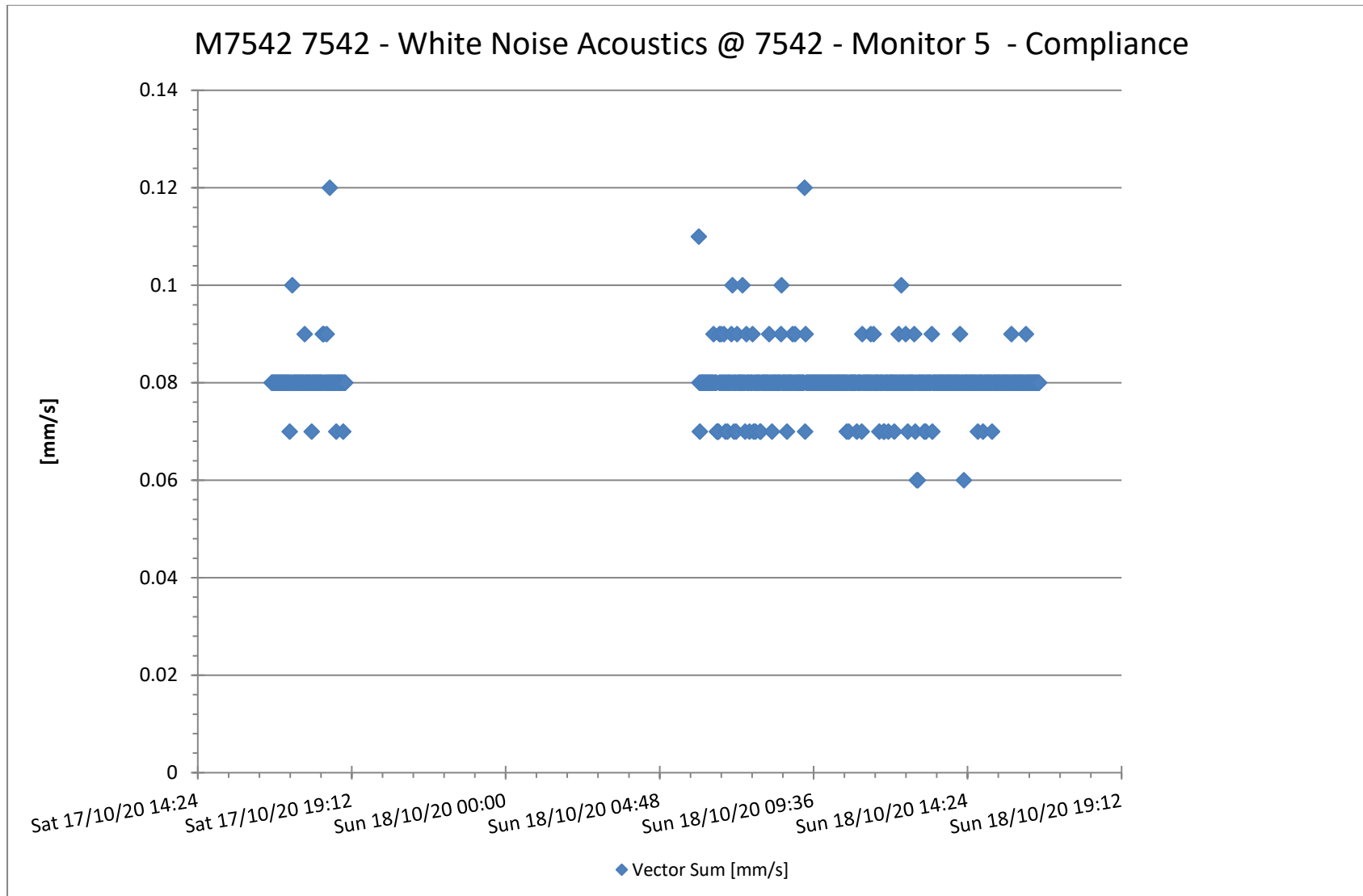
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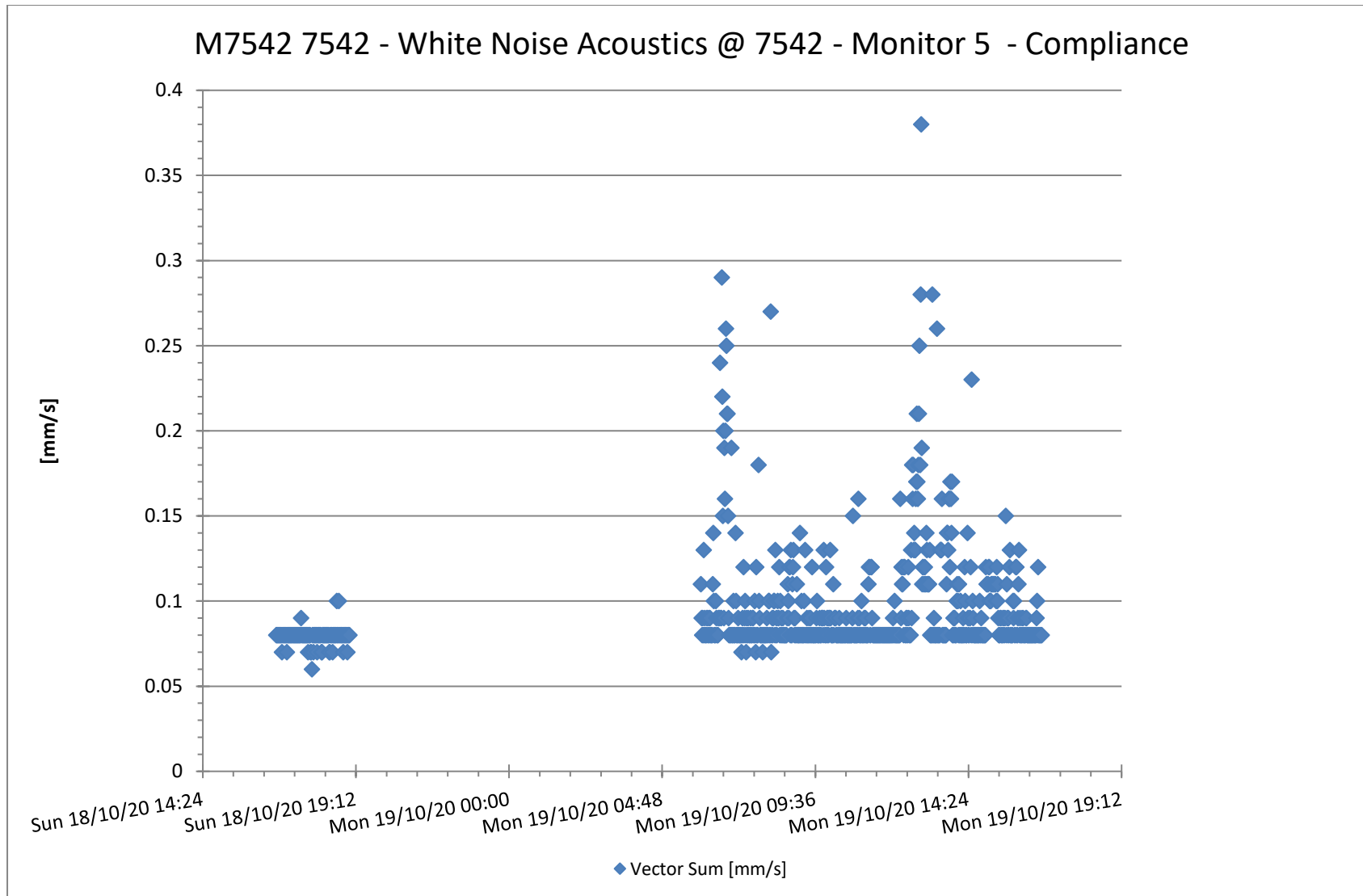
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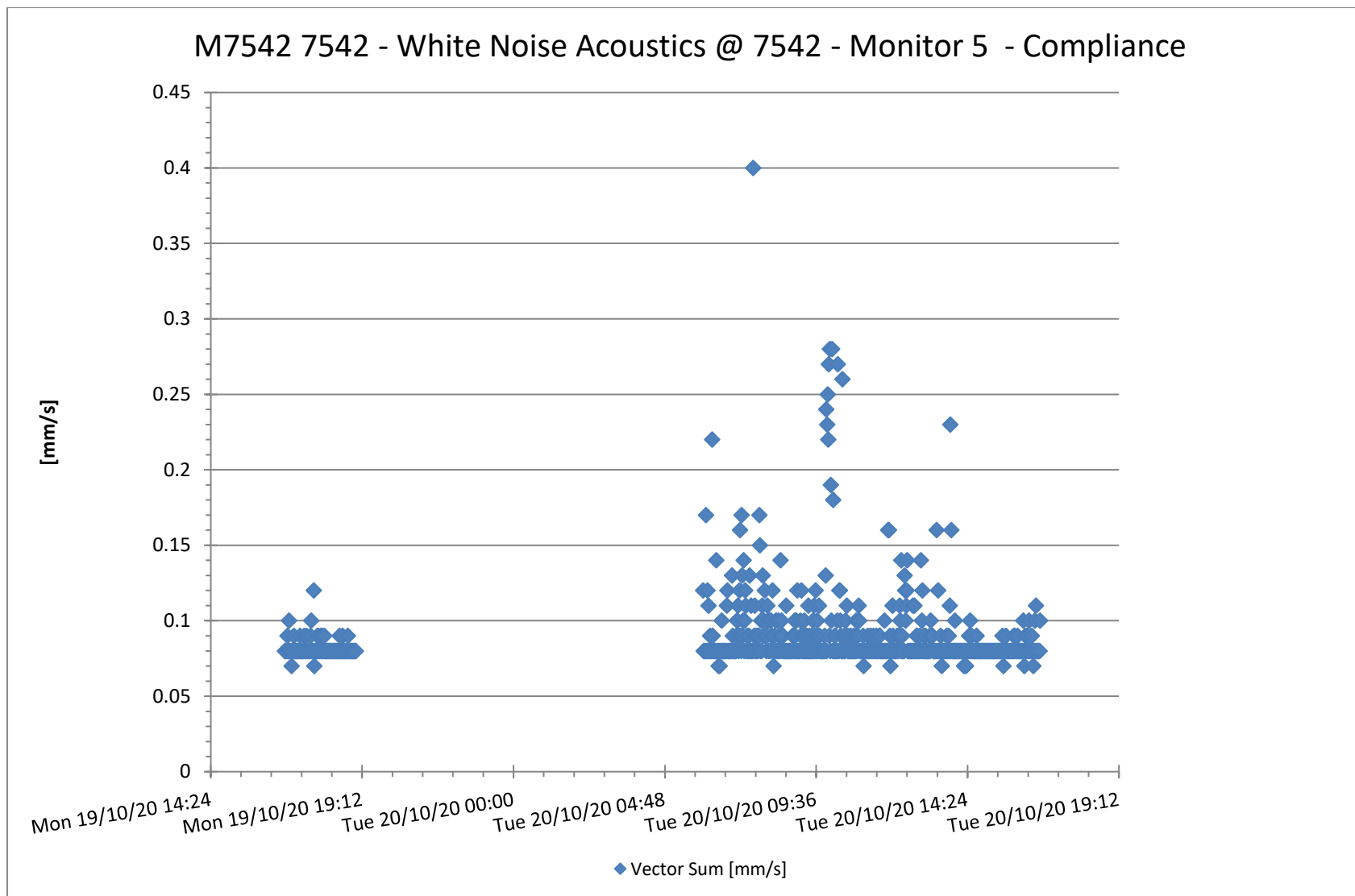
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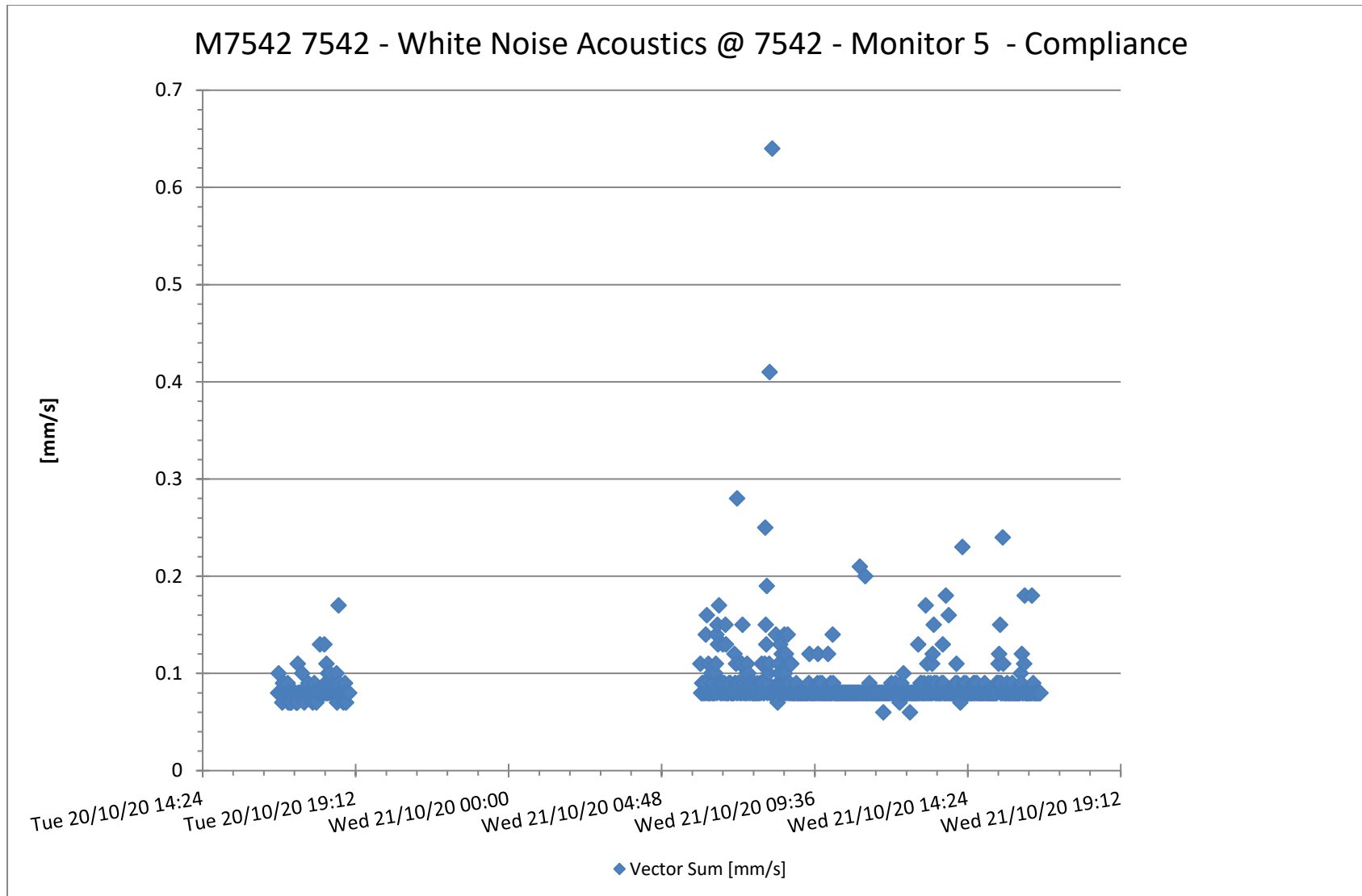
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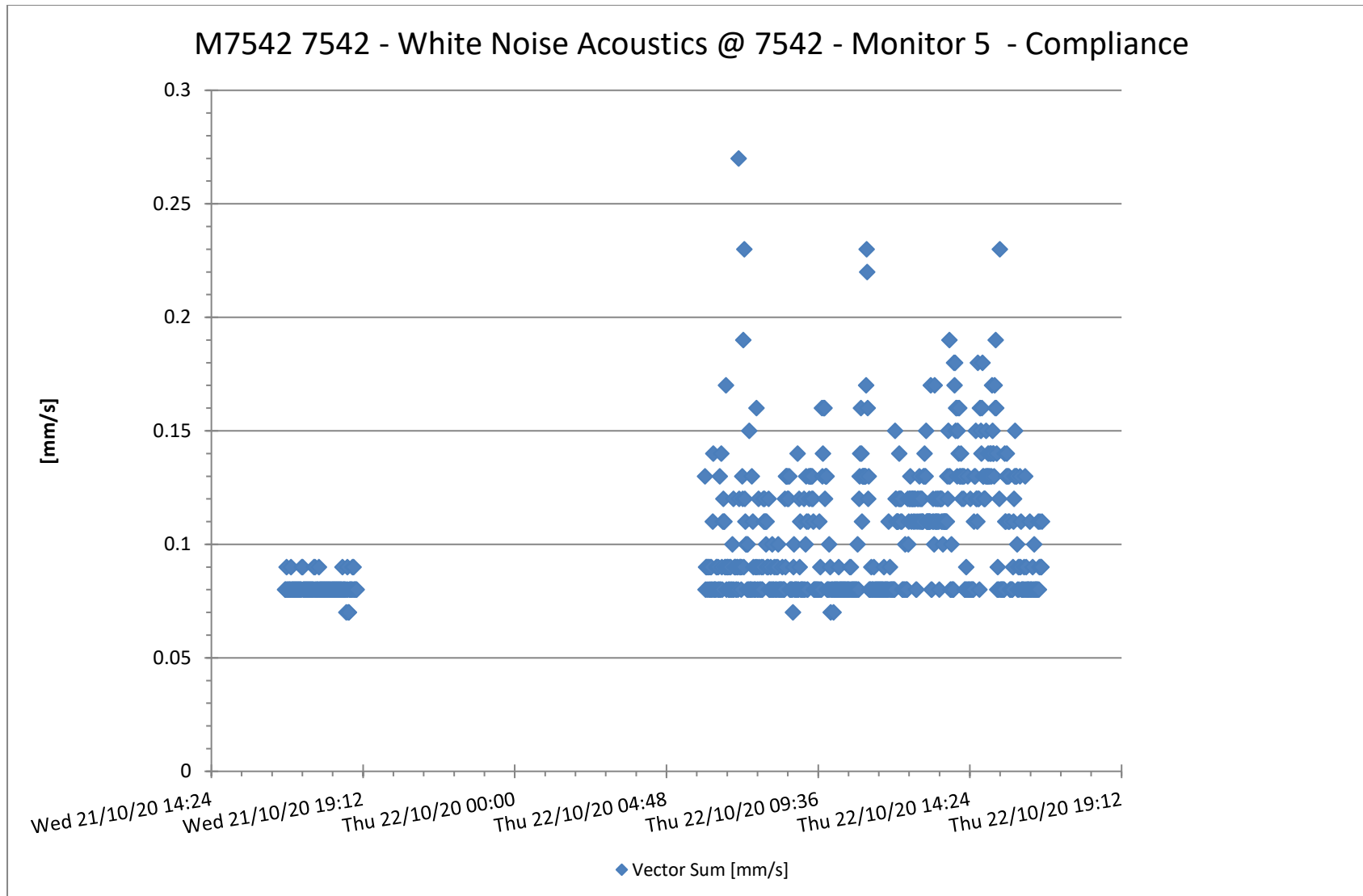
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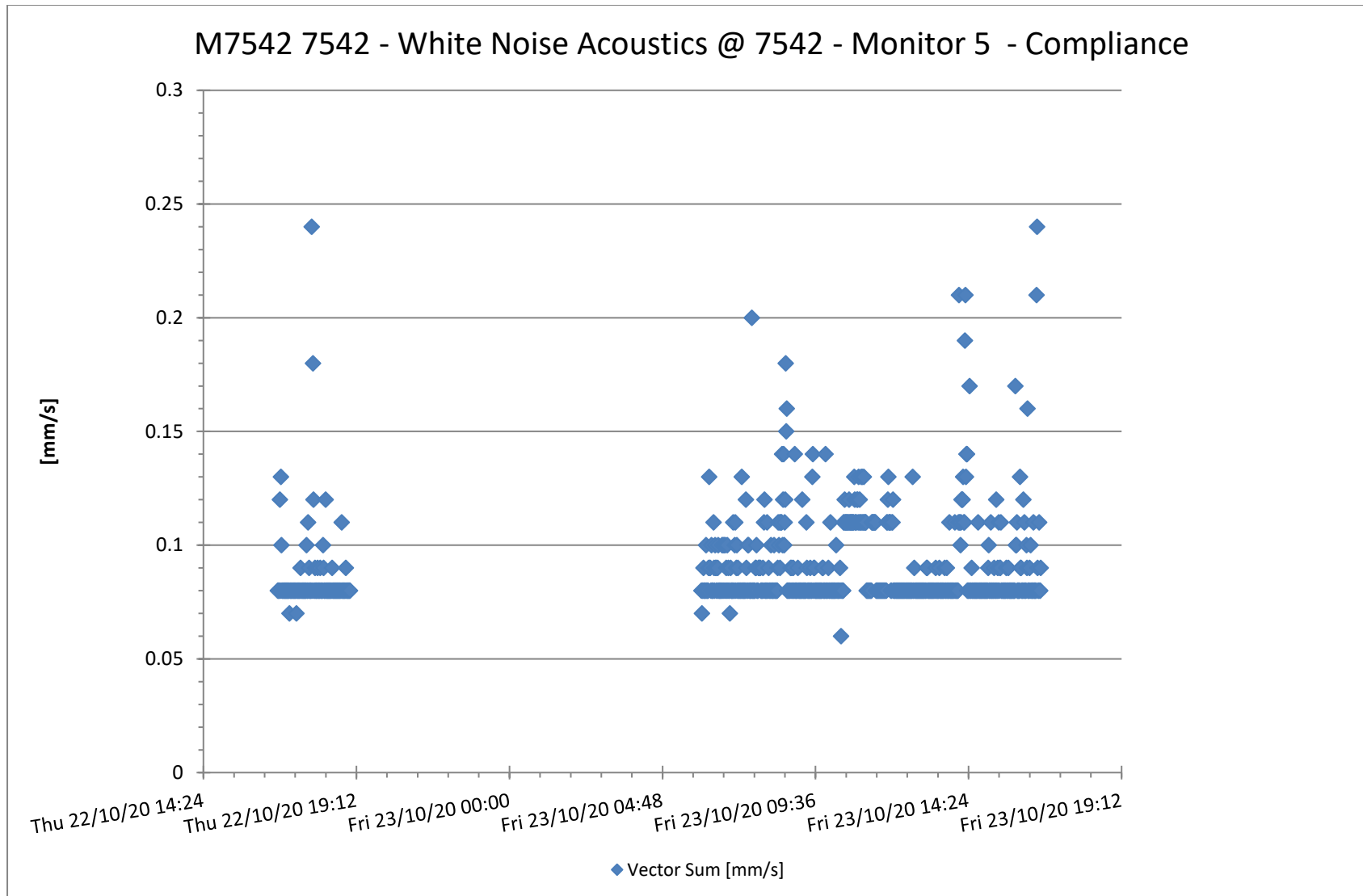
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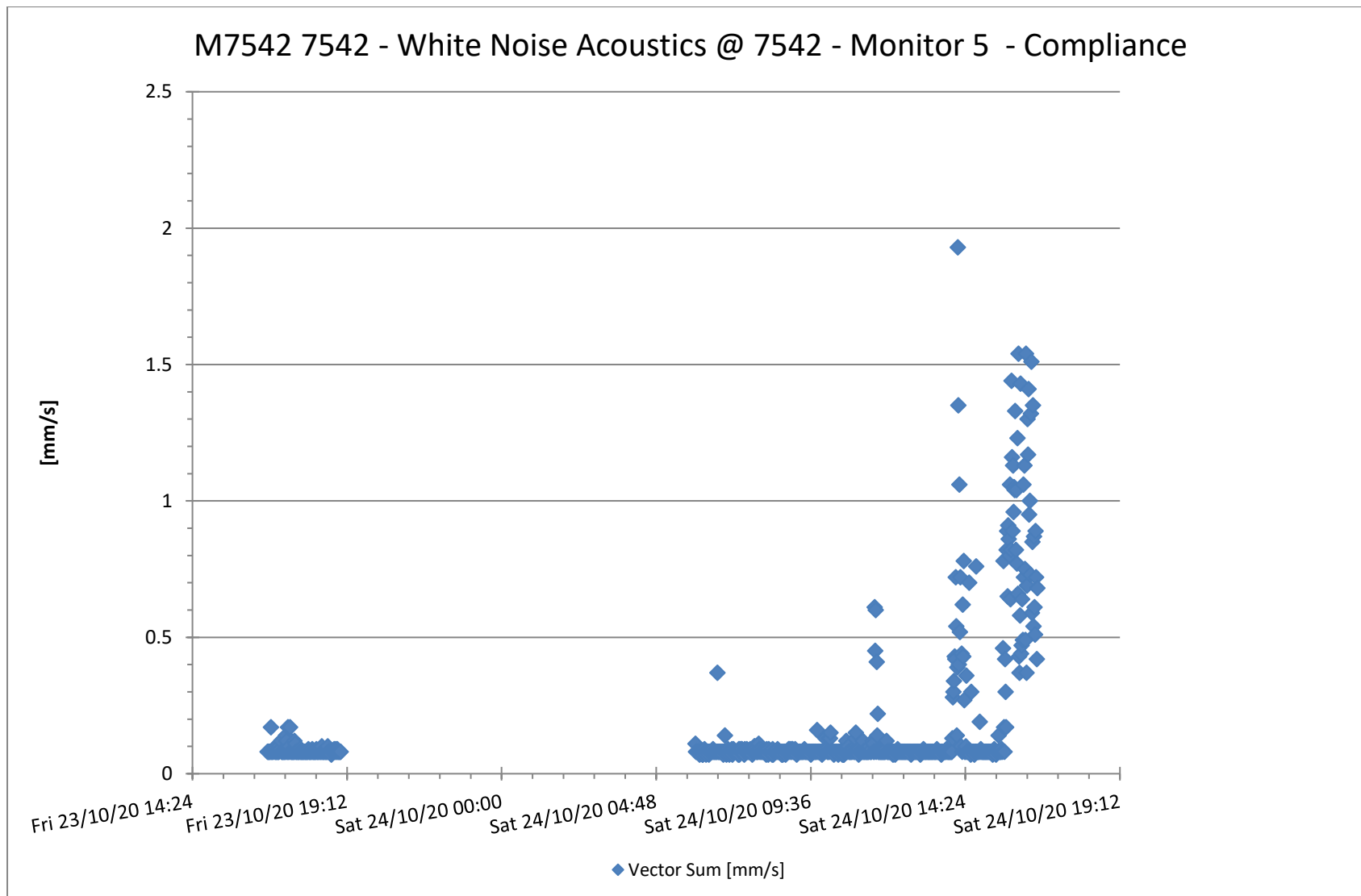
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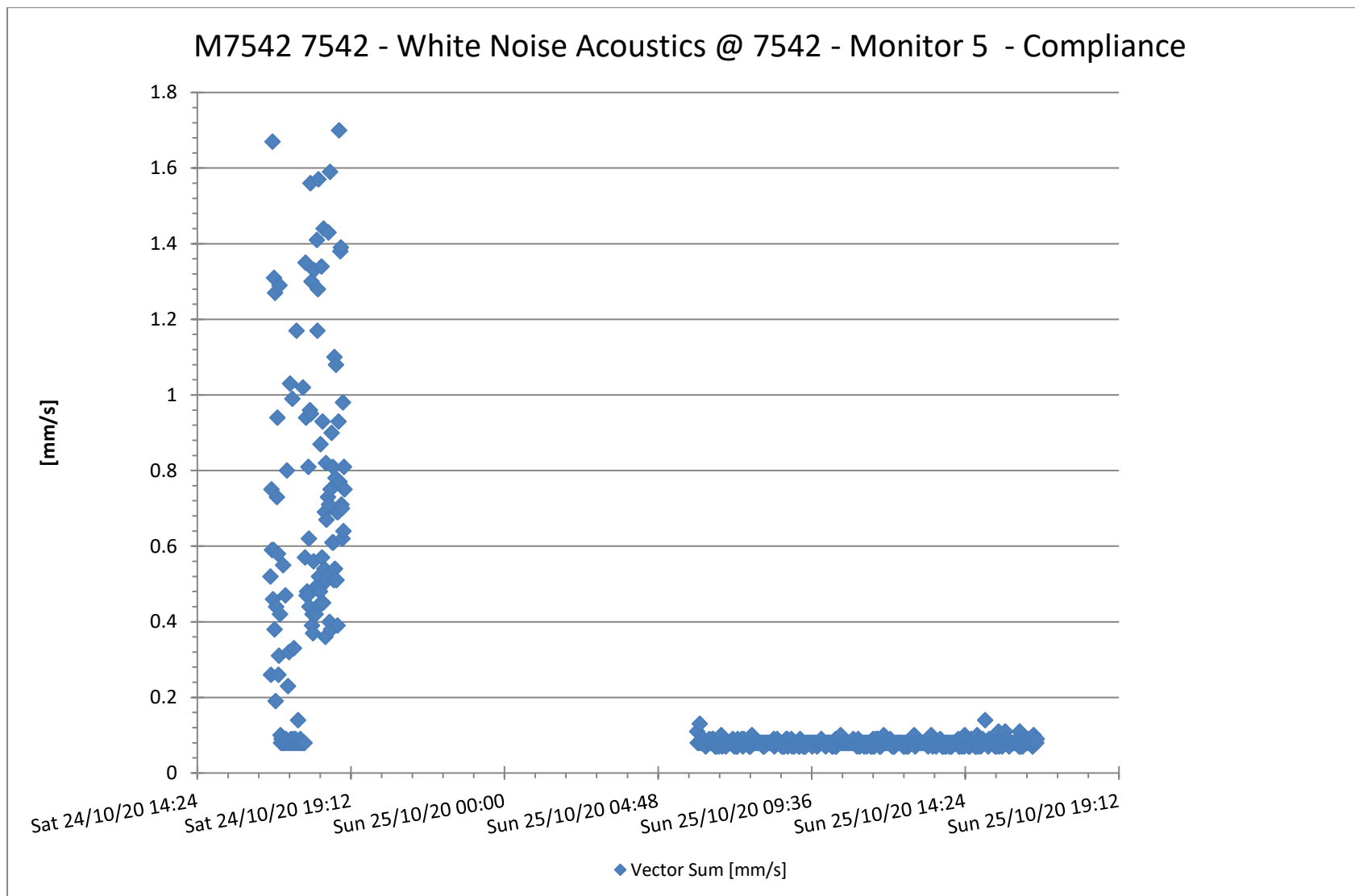
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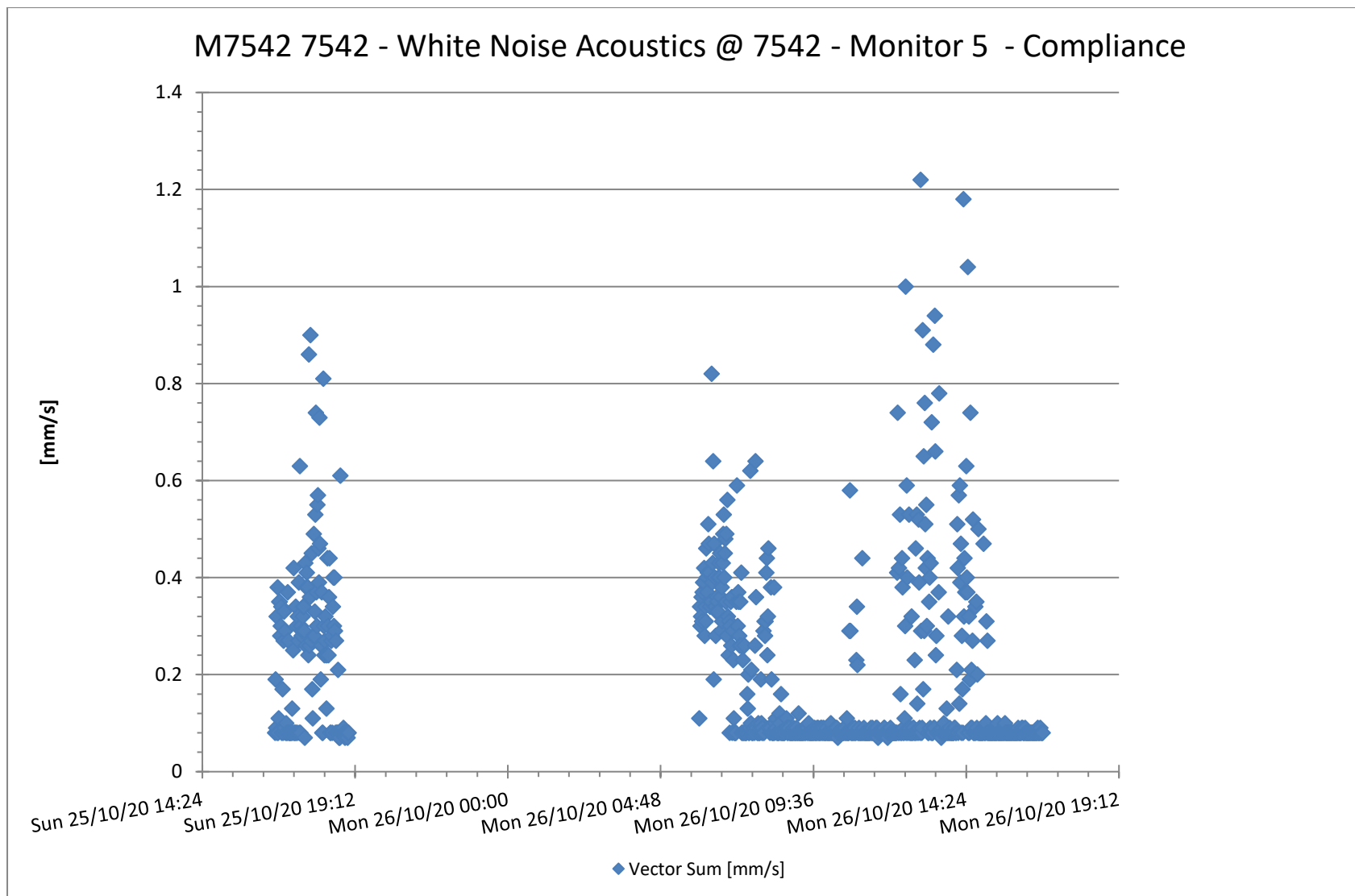
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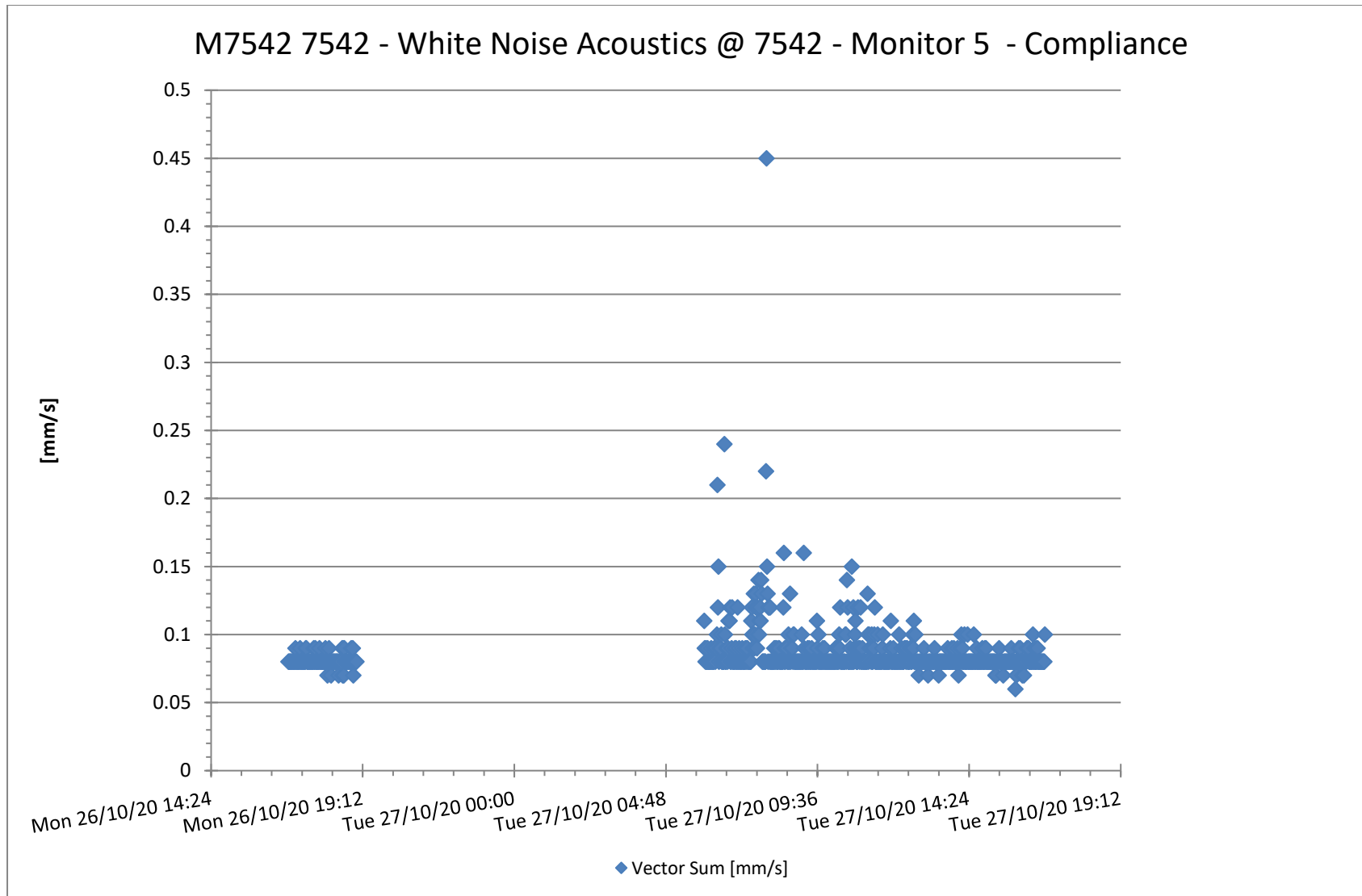


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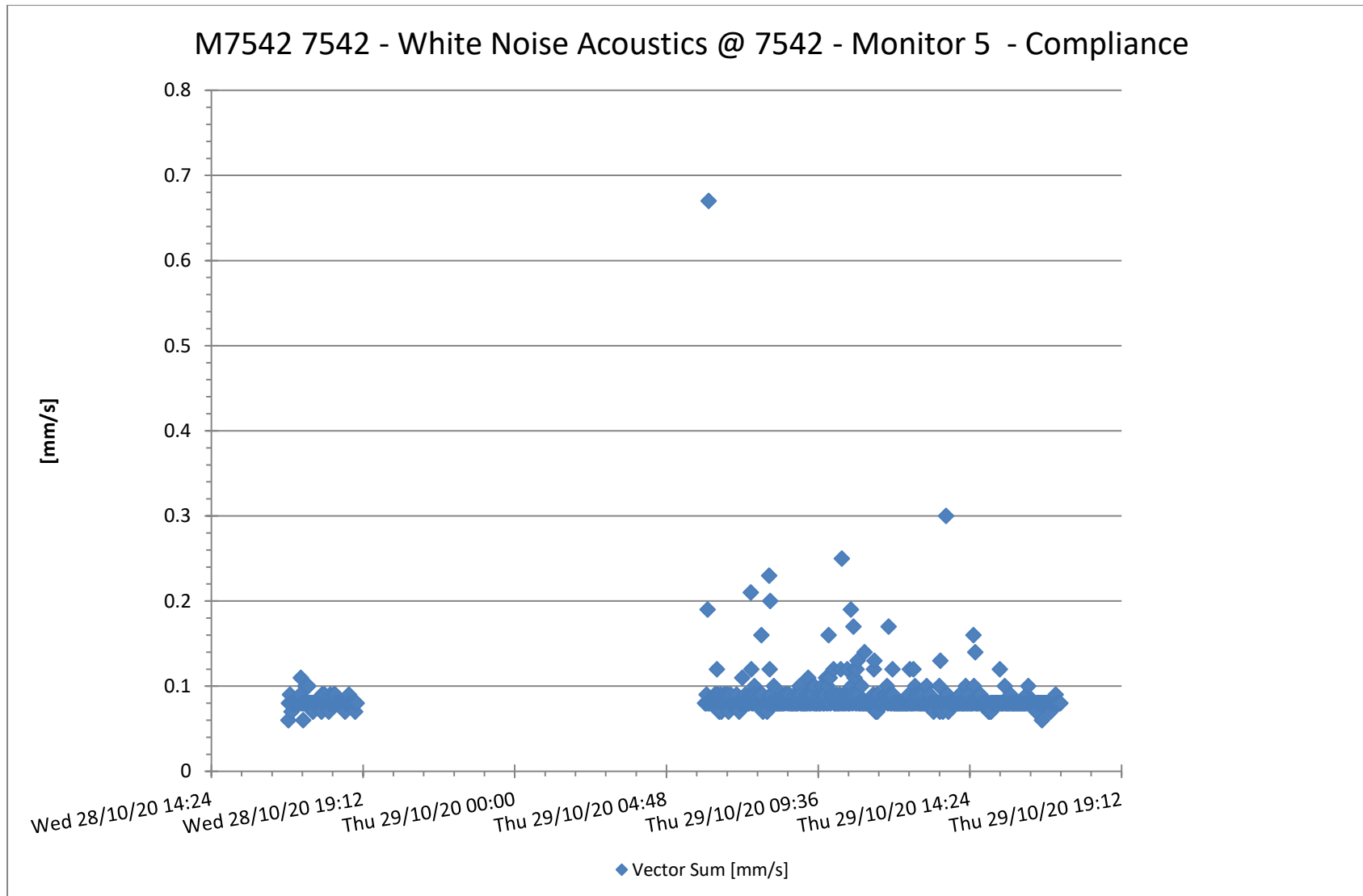


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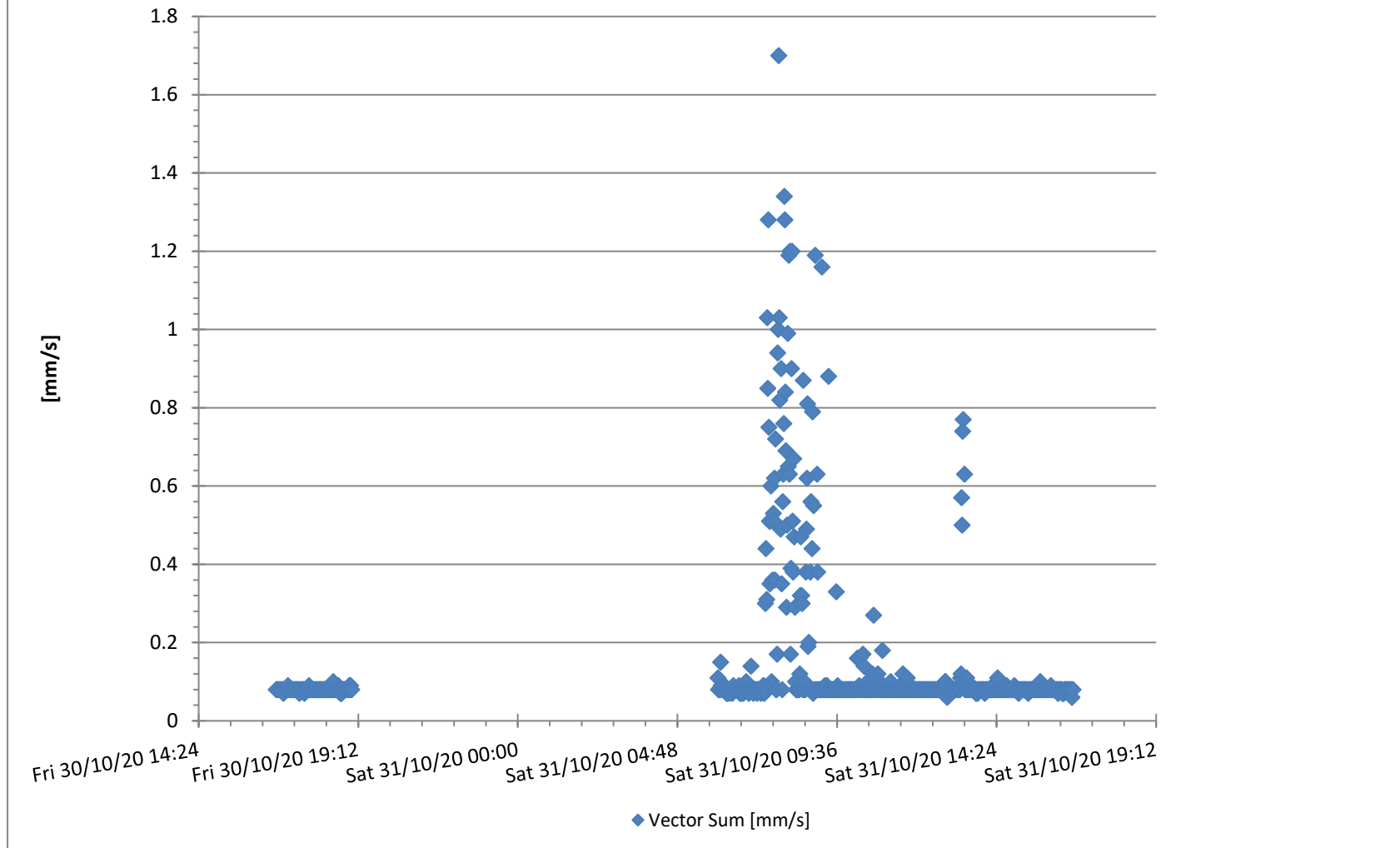




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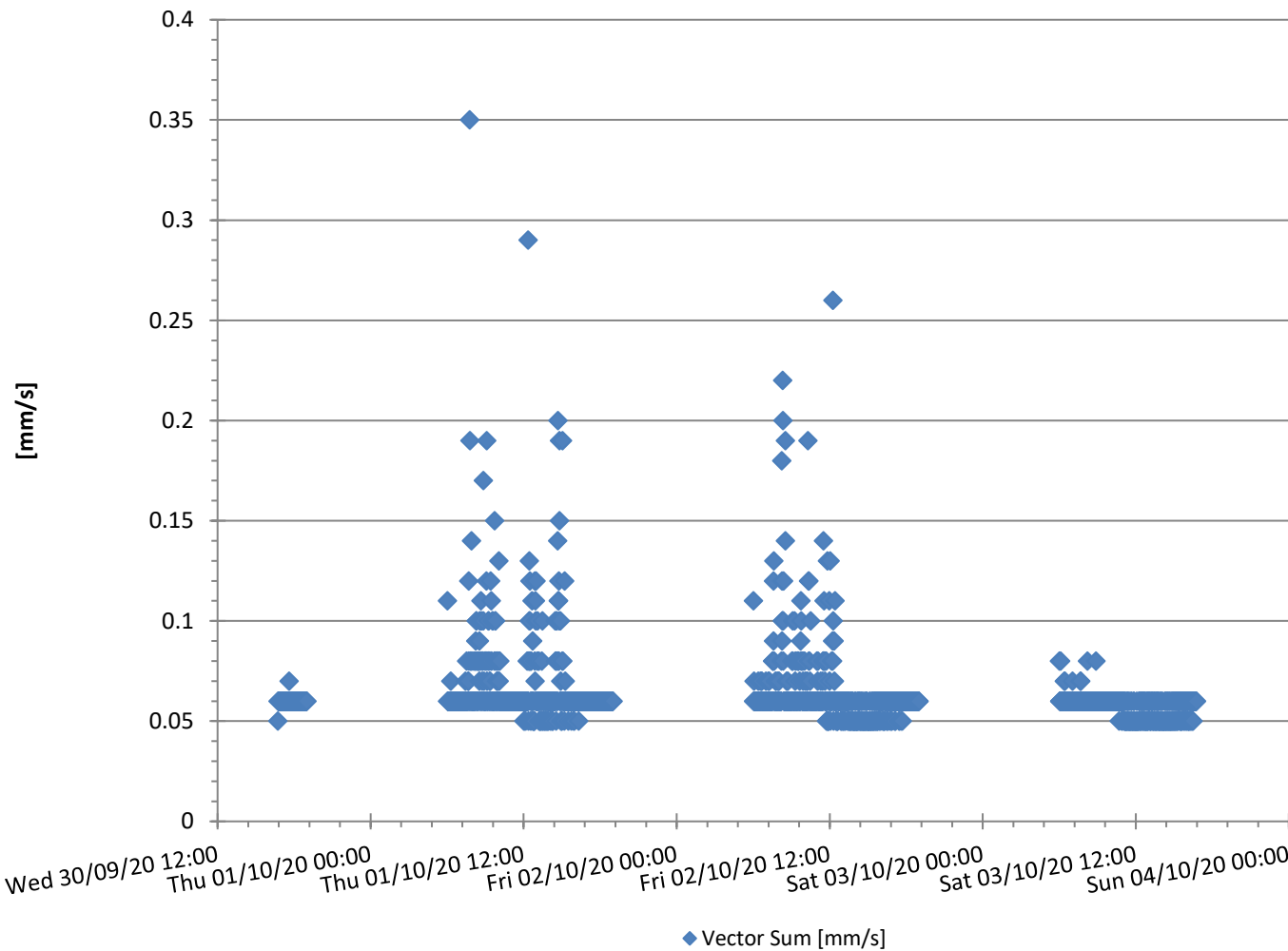


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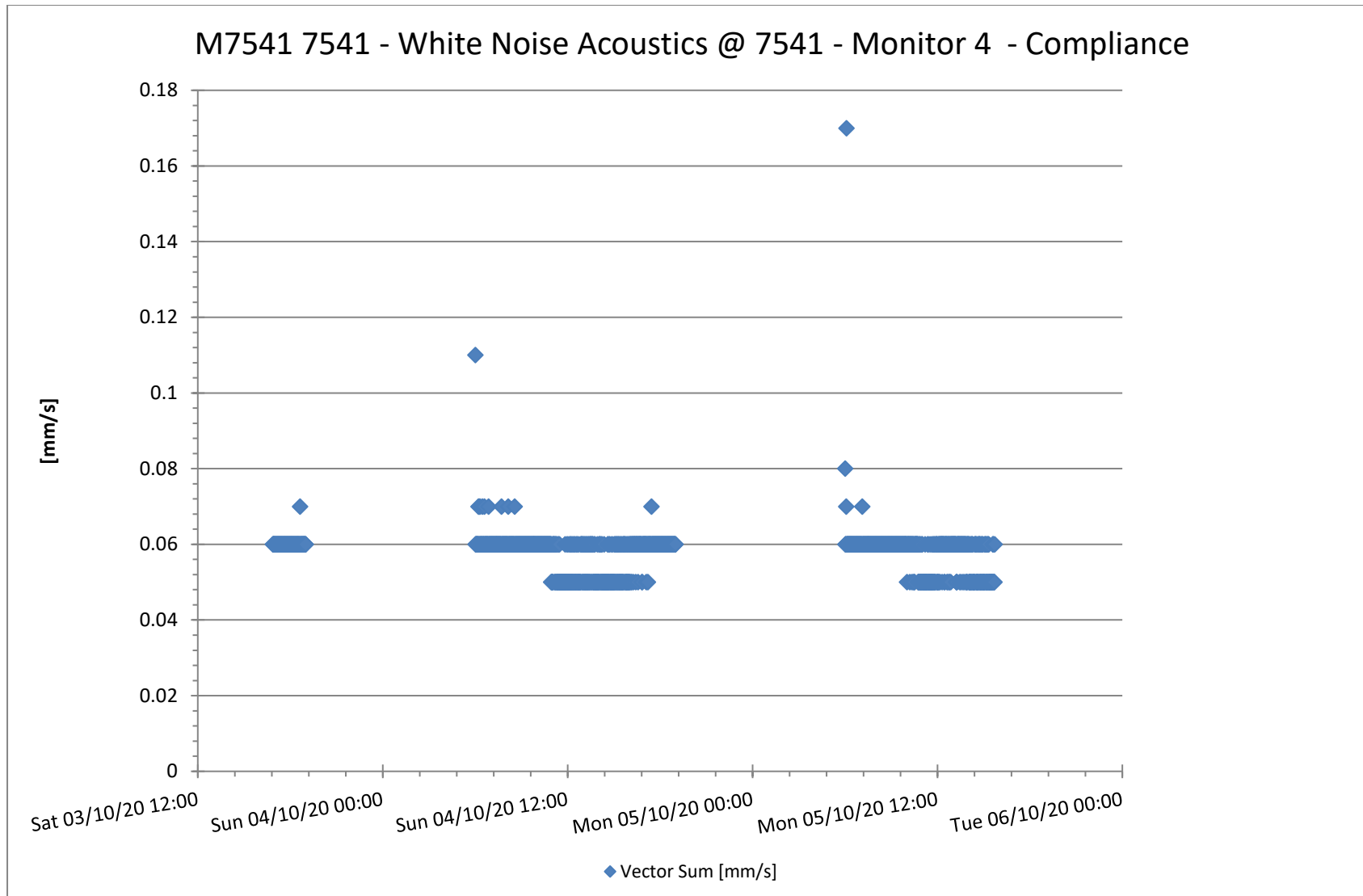


10 Appendix D –Logger Location 3 – Monitor M7541

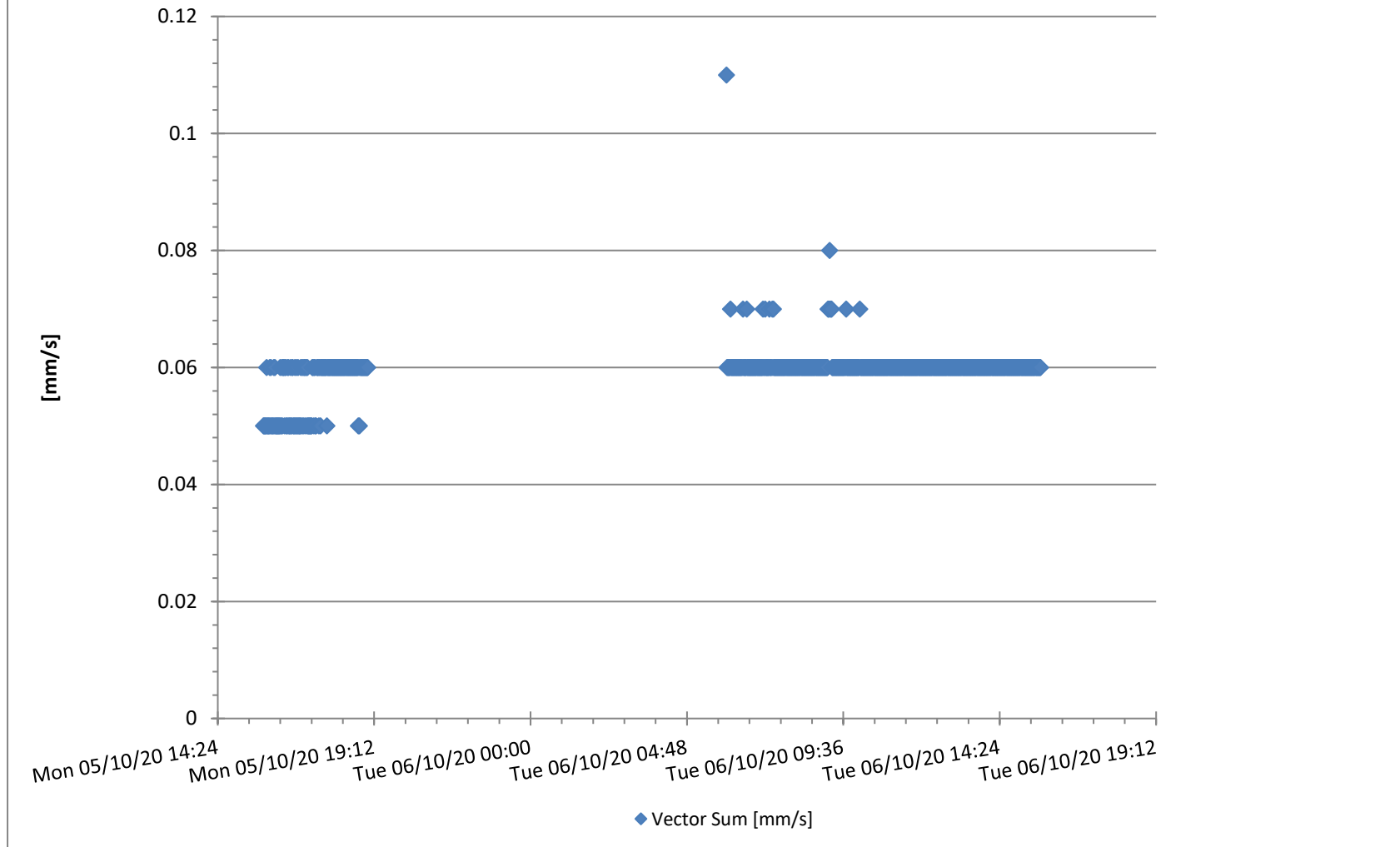
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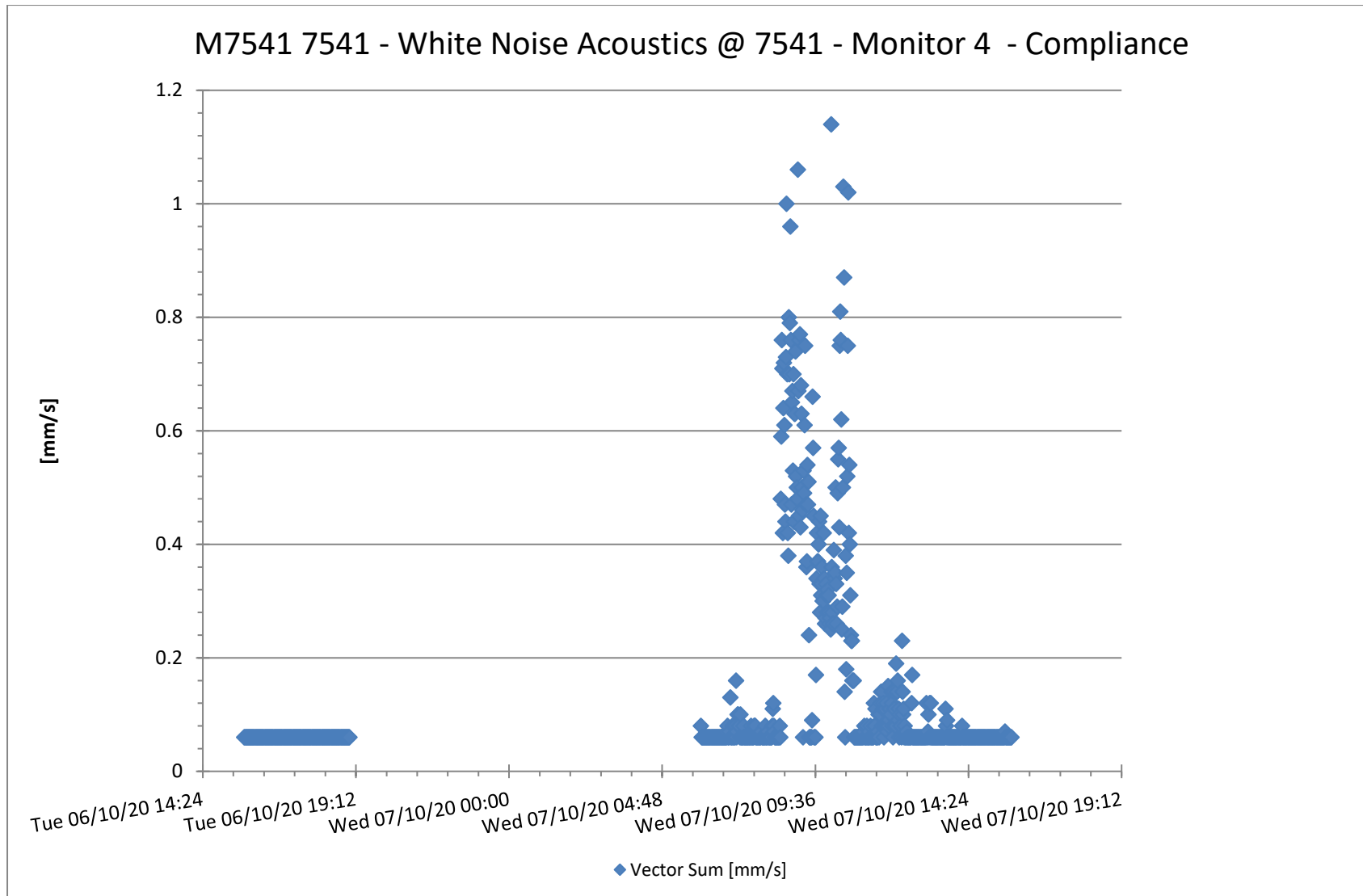
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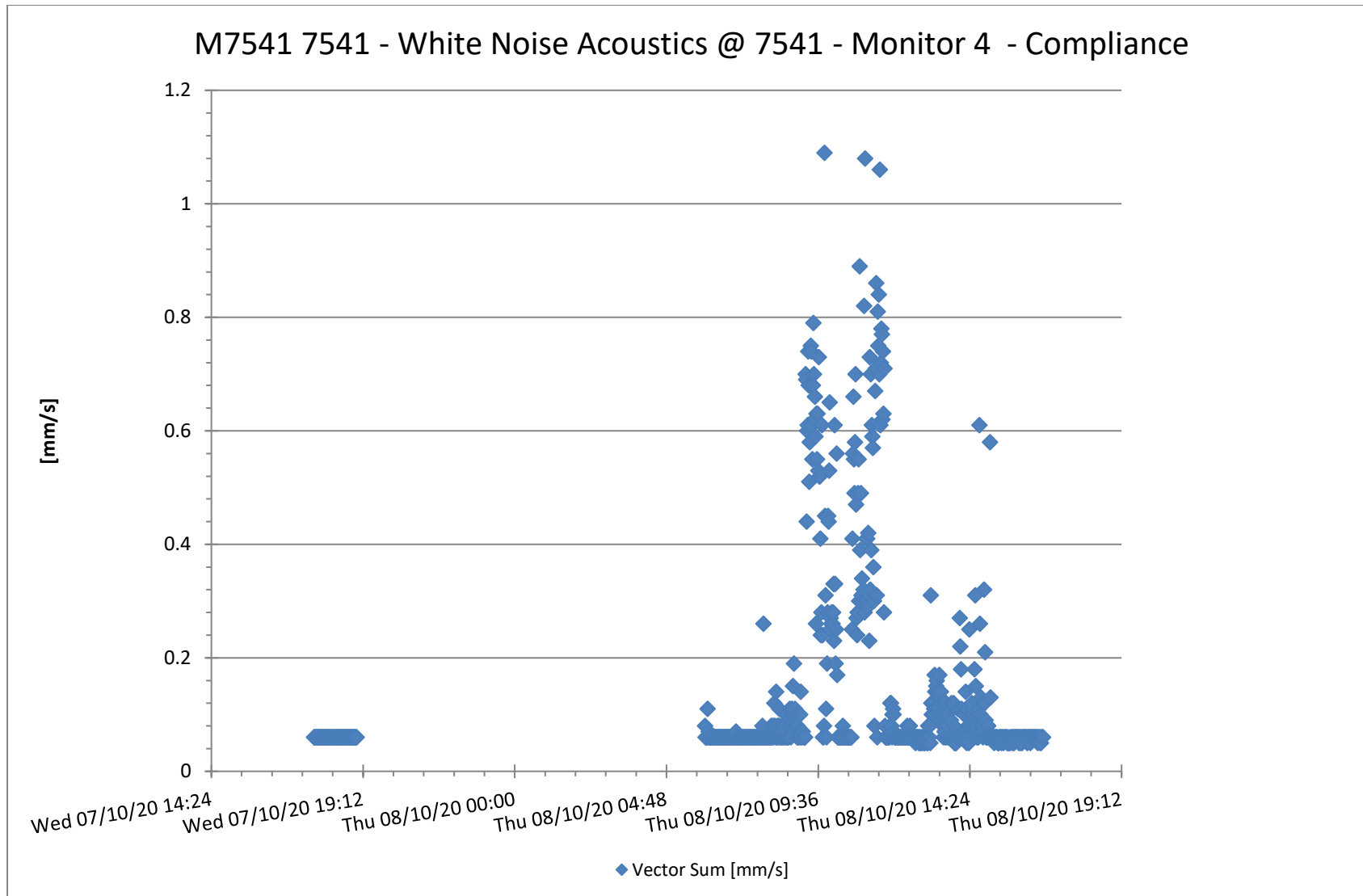
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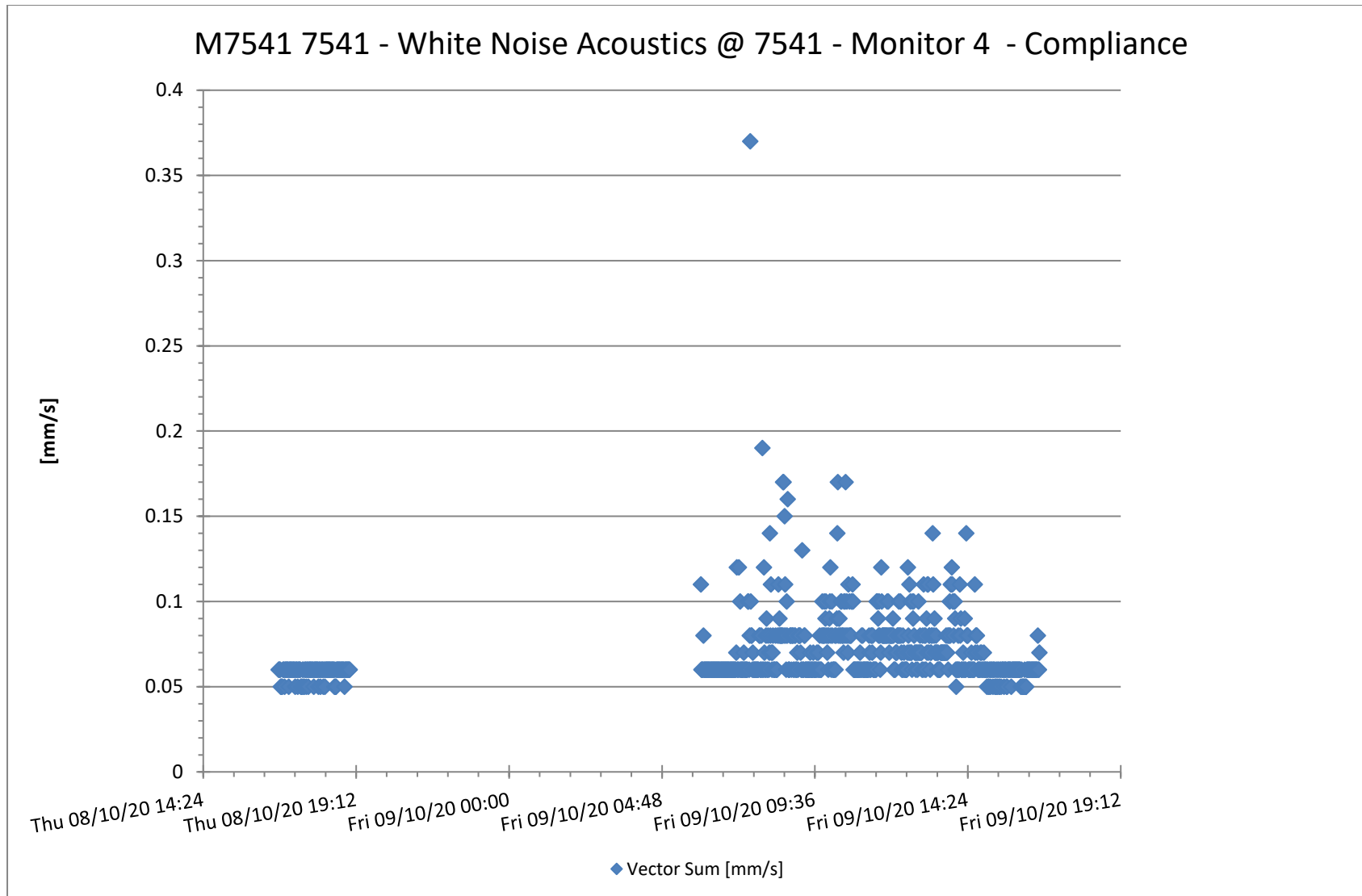
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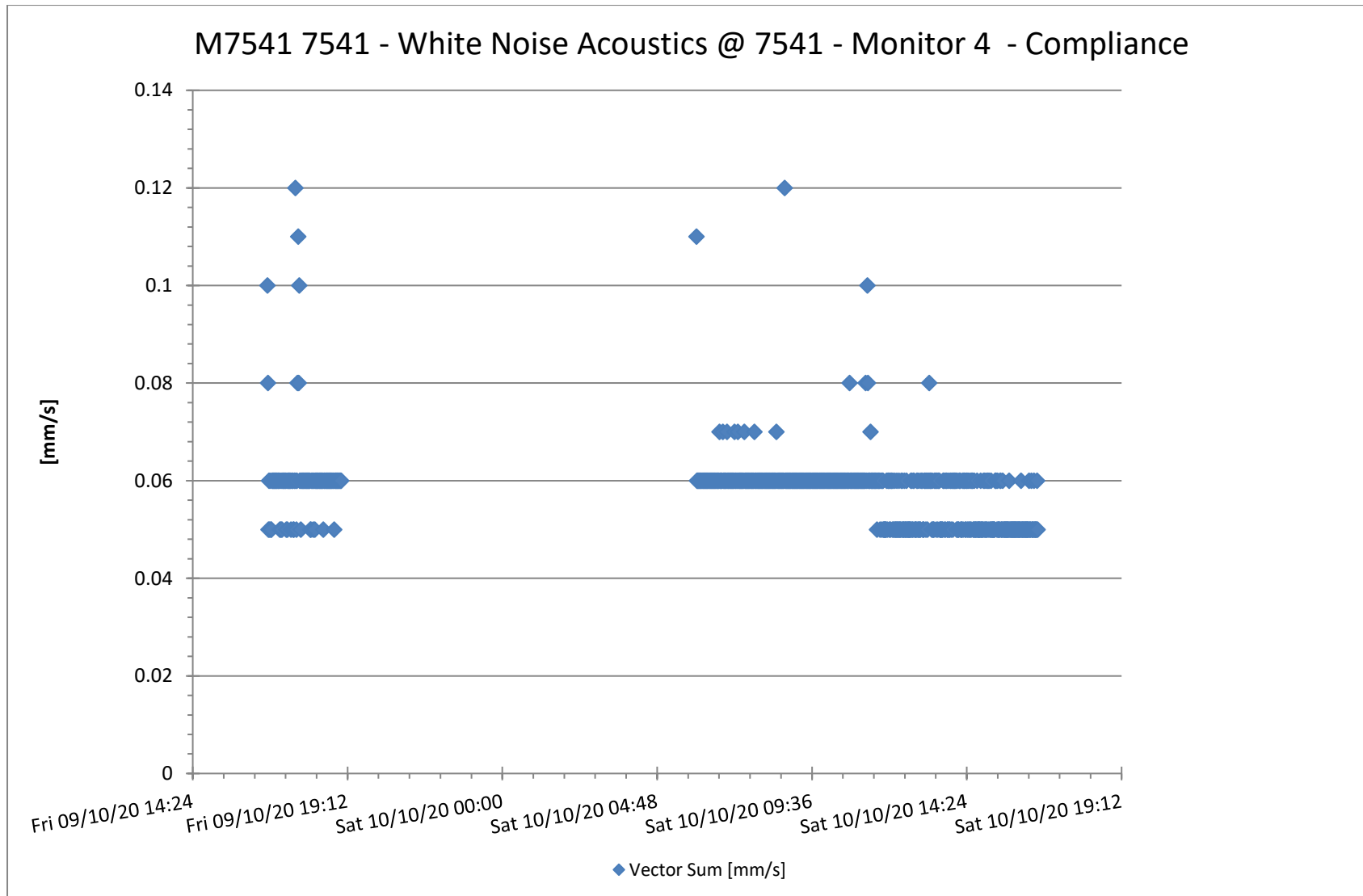
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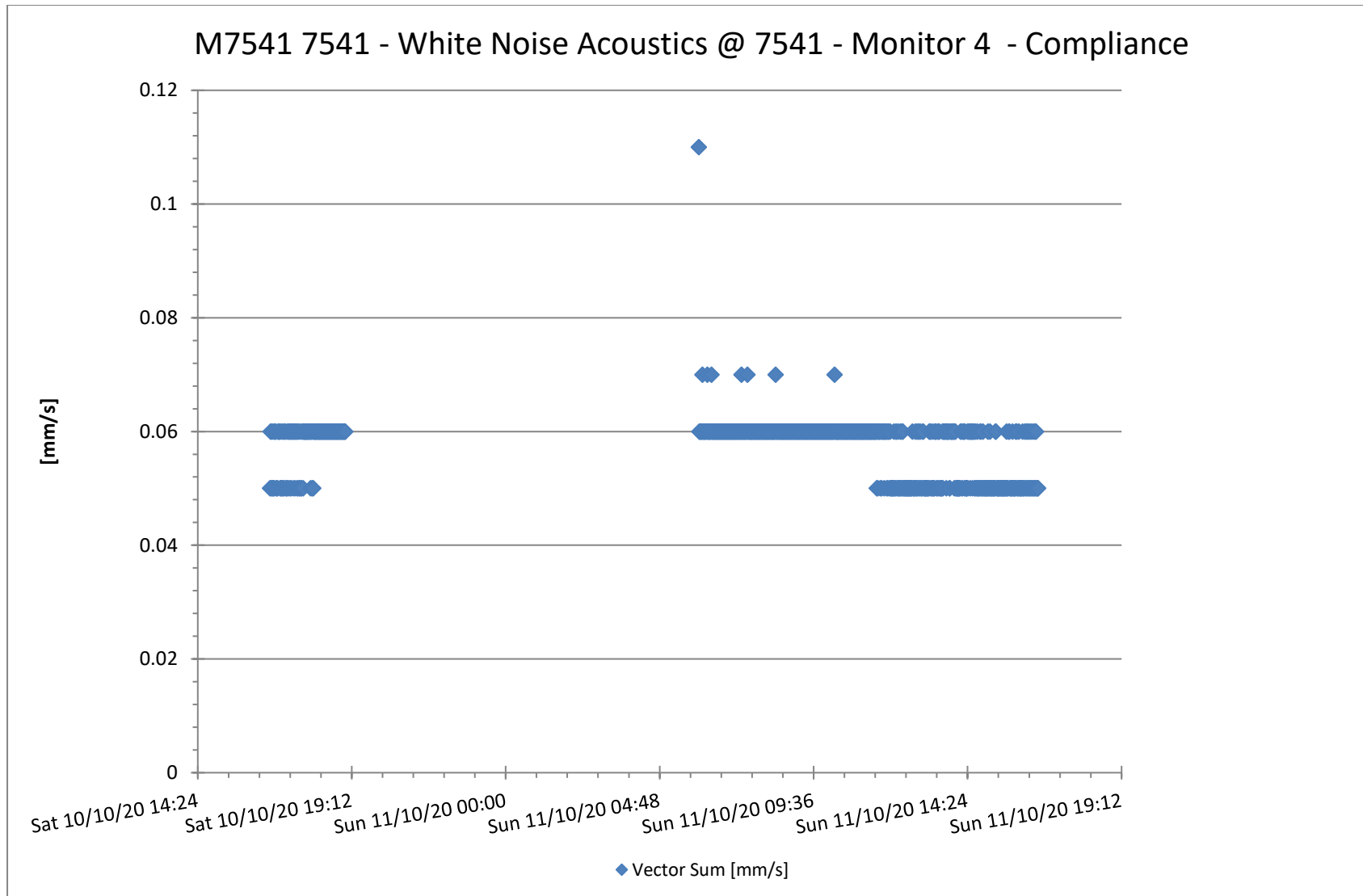
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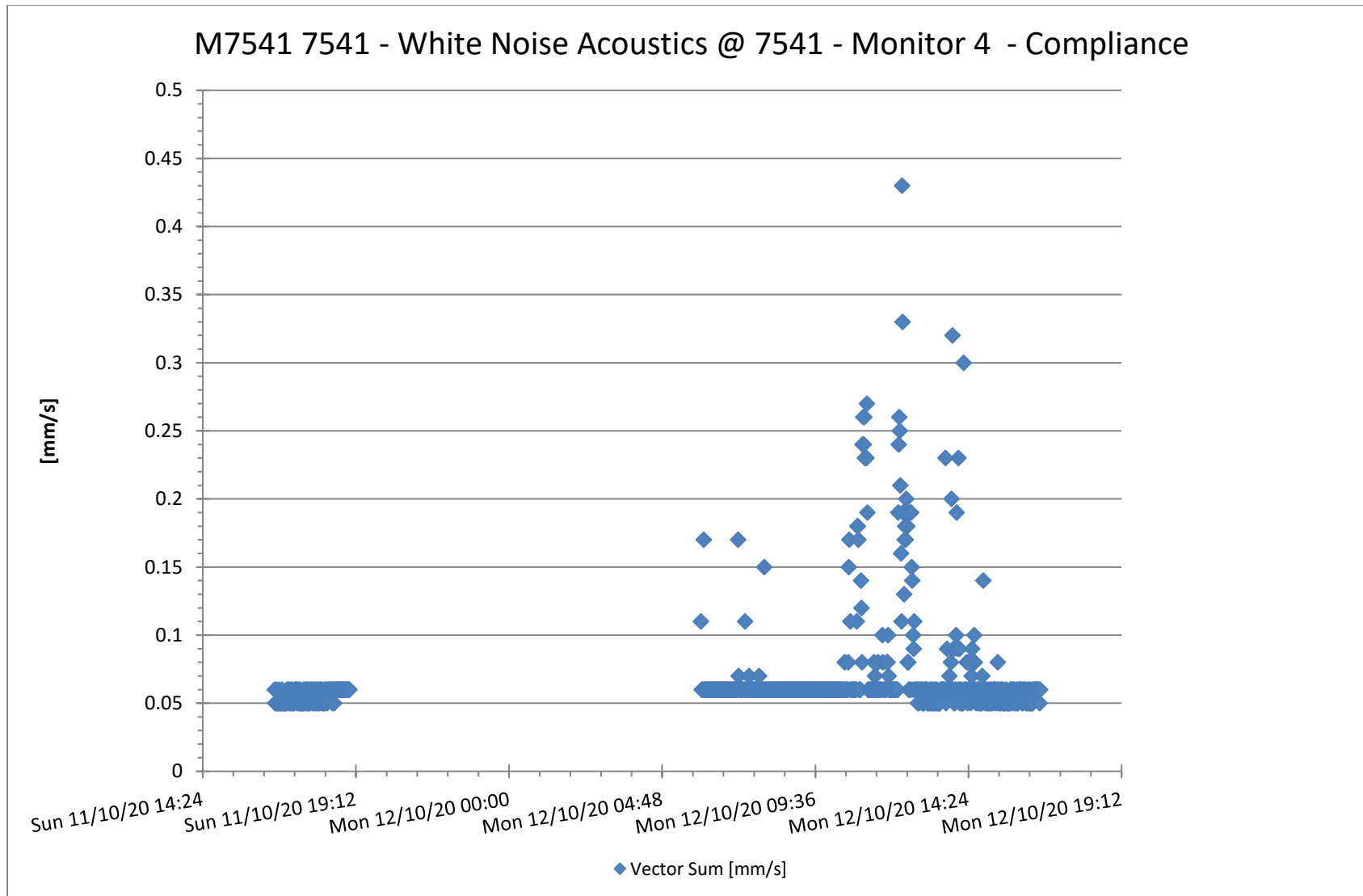
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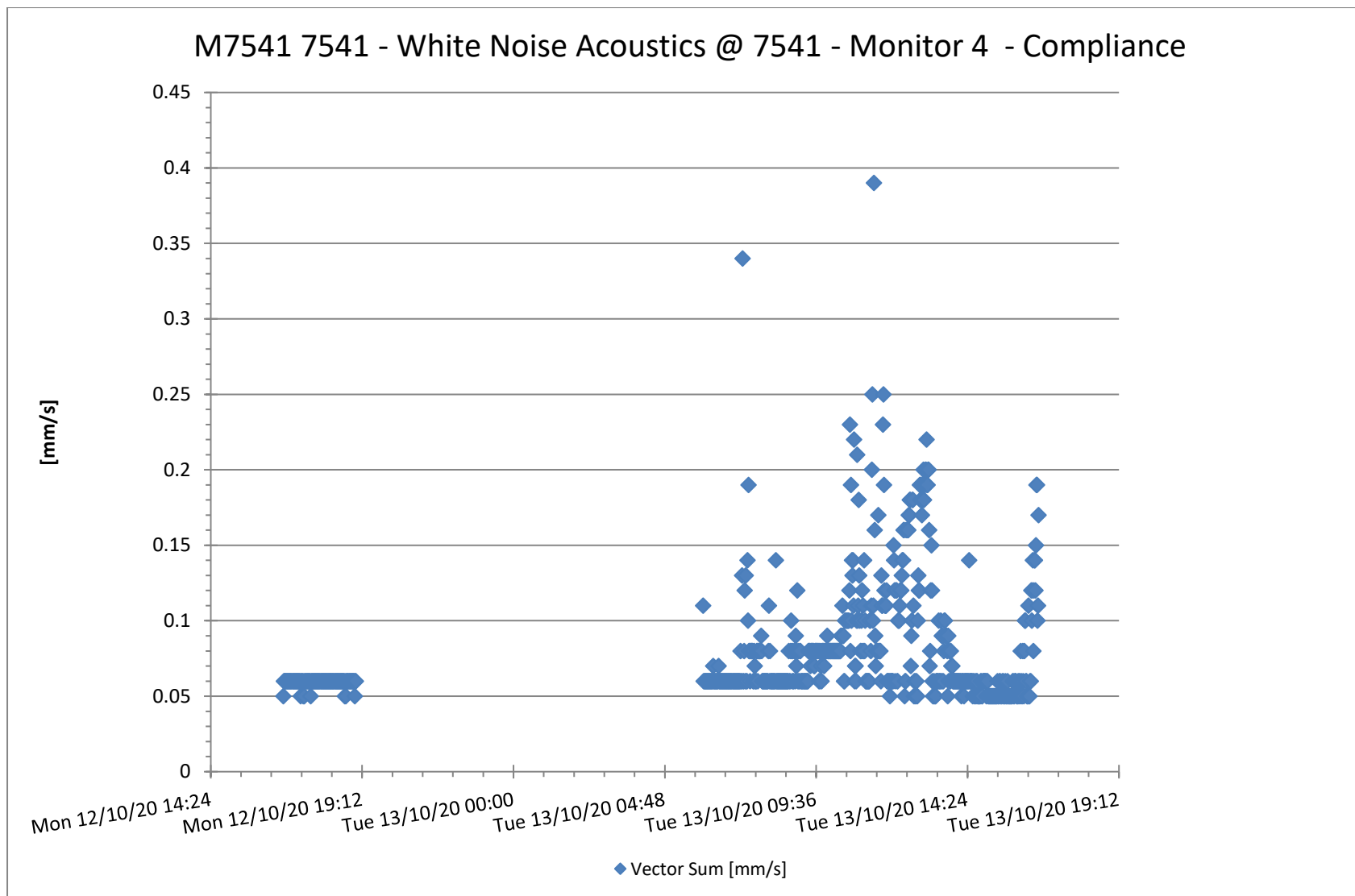
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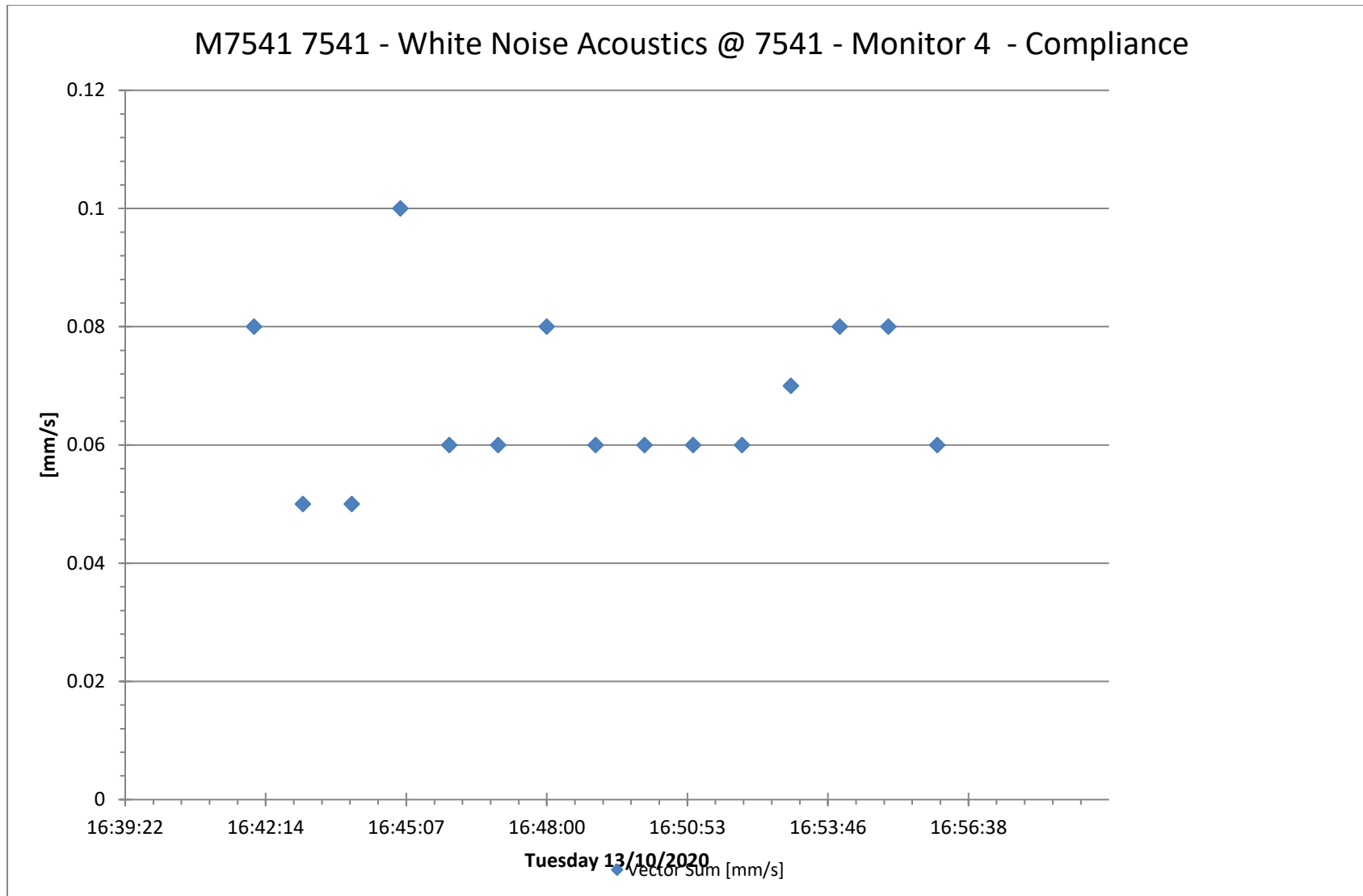
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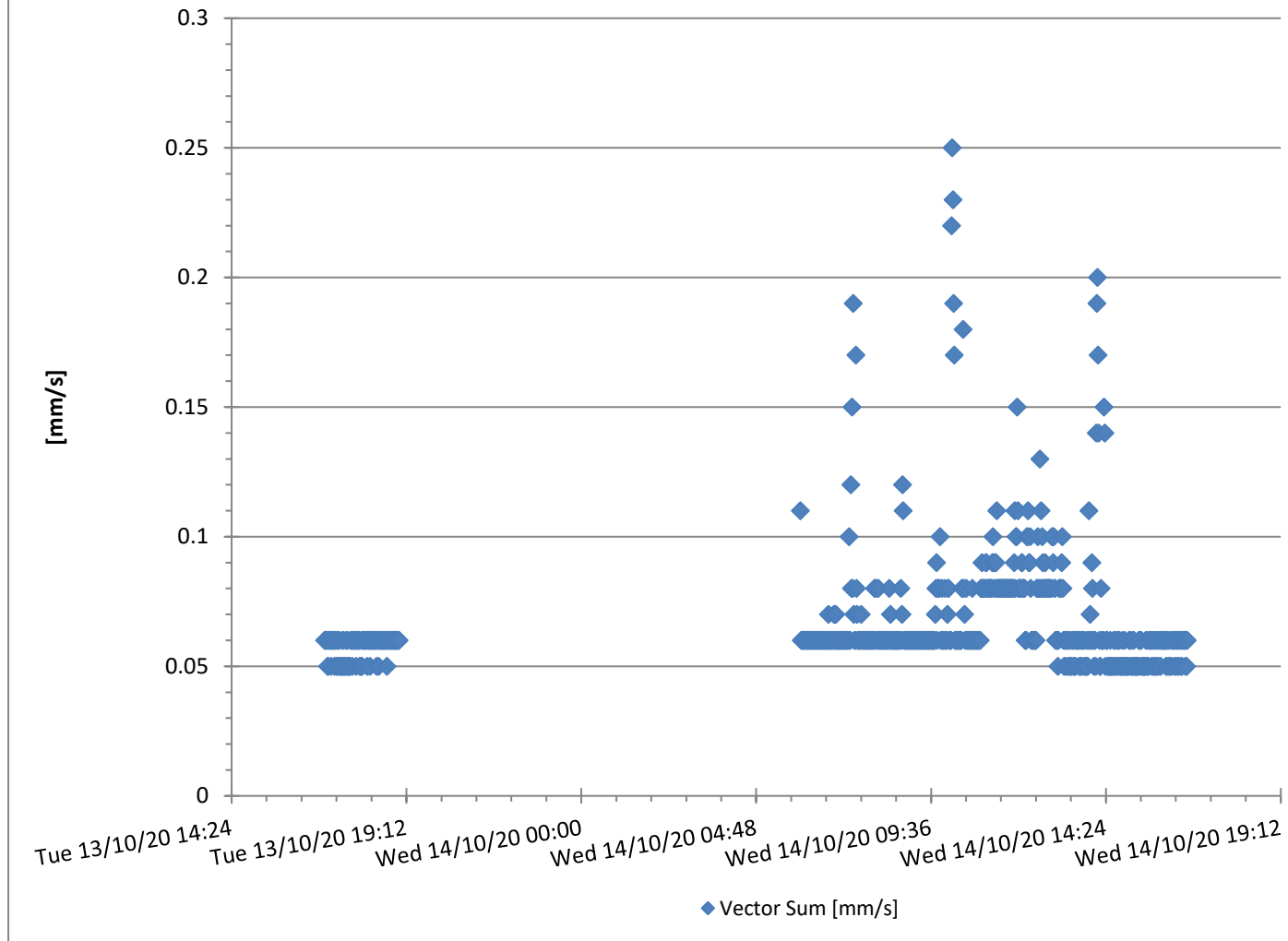
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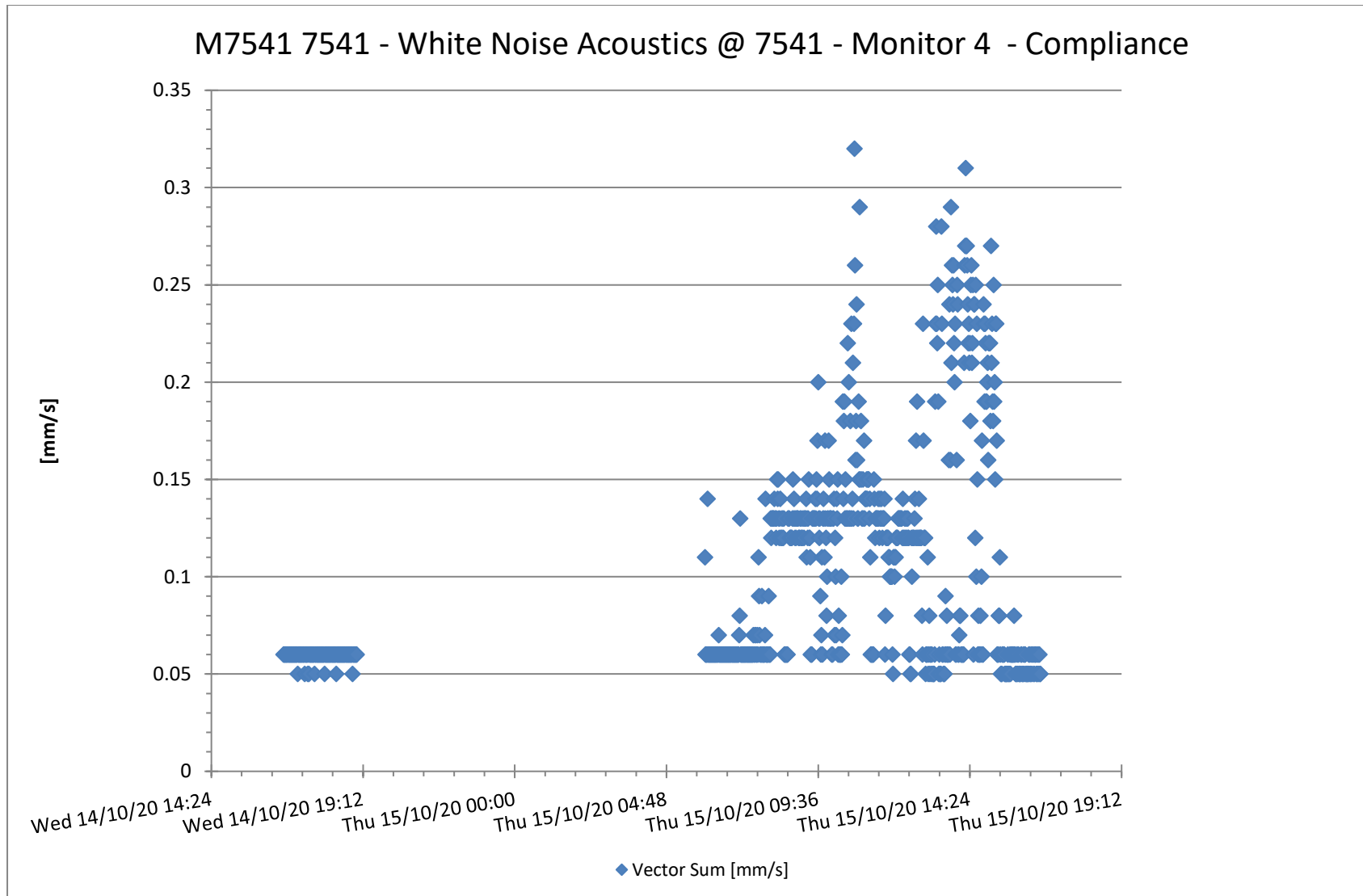
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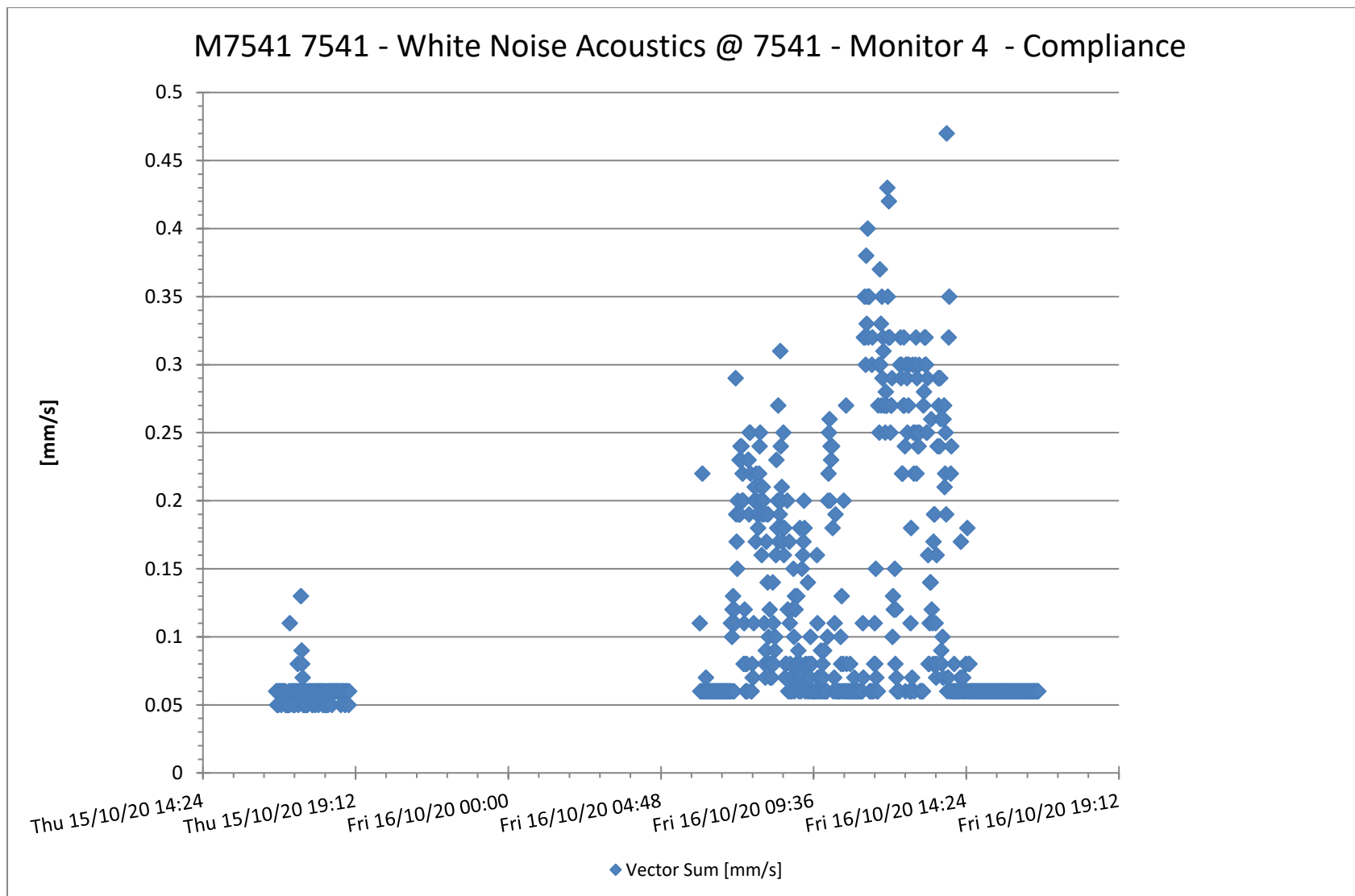
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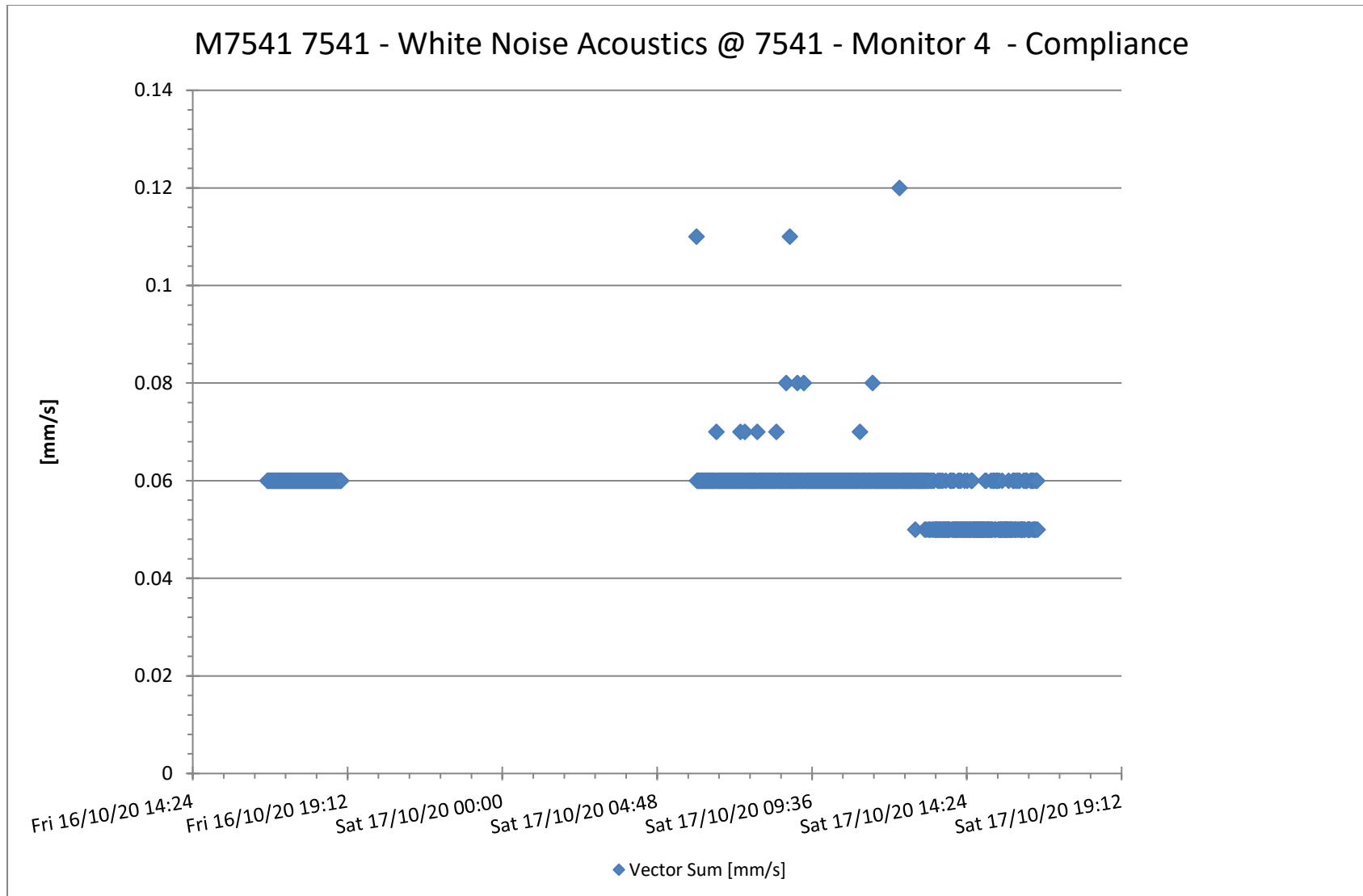
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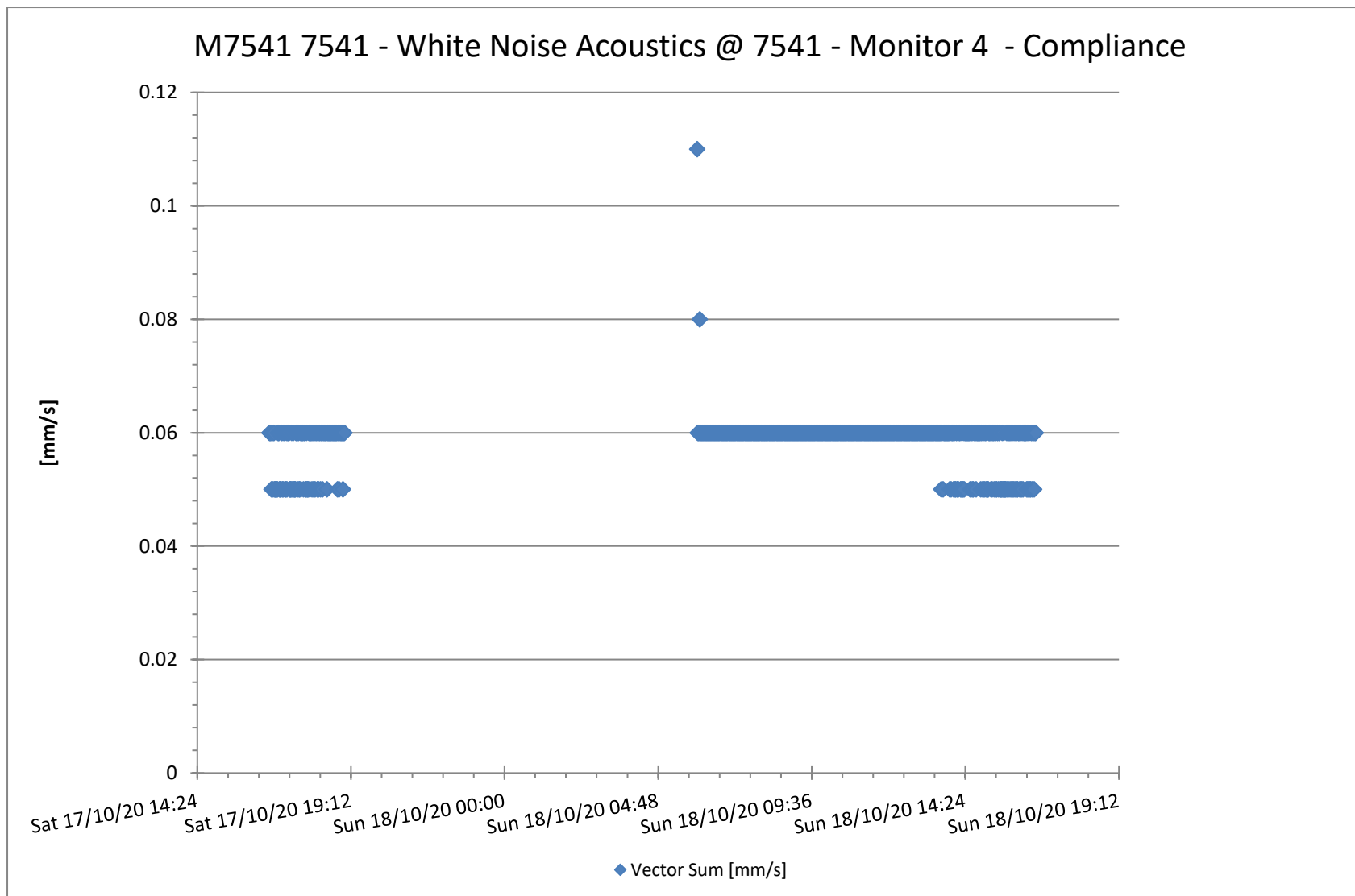
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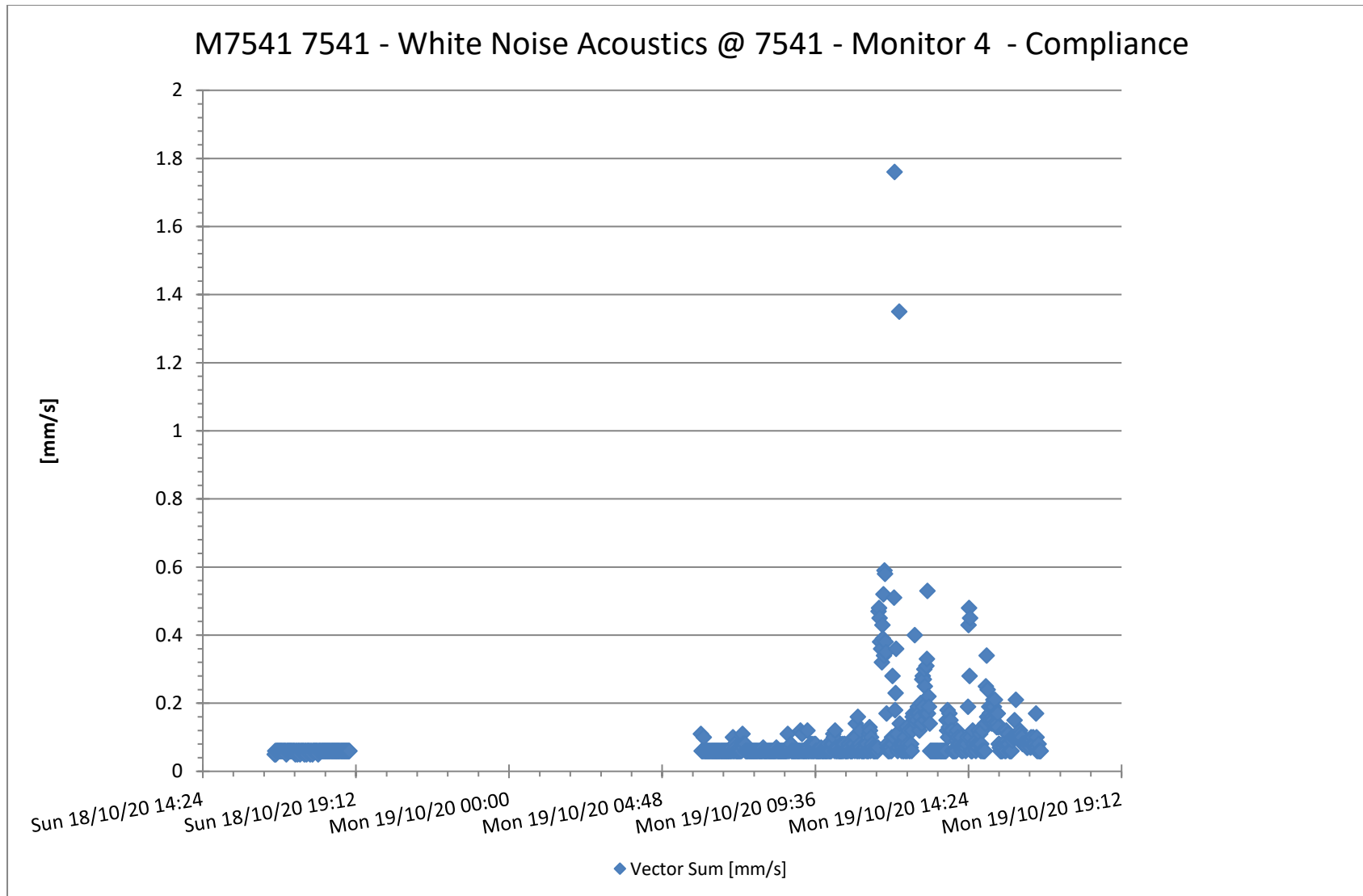
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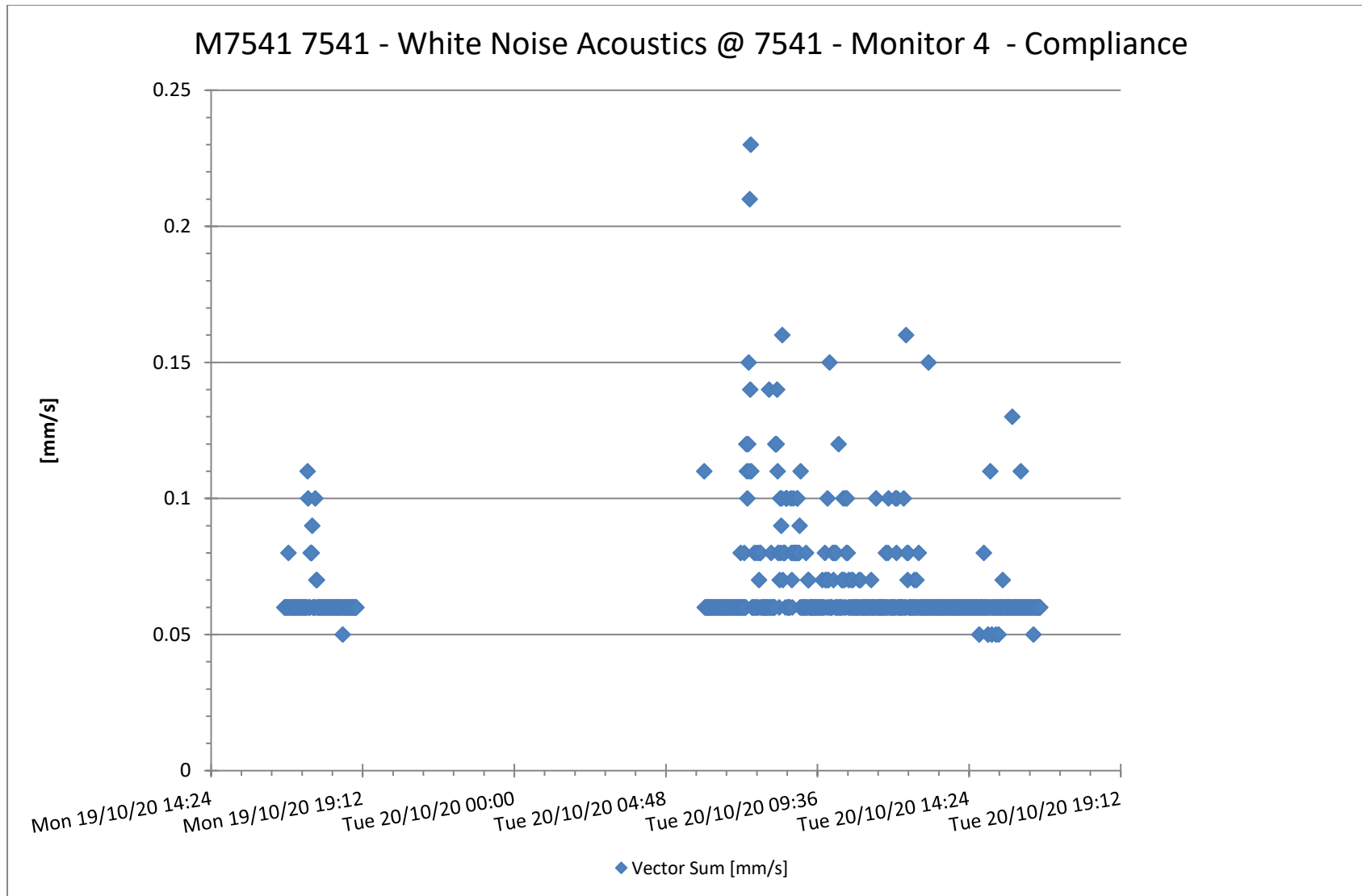
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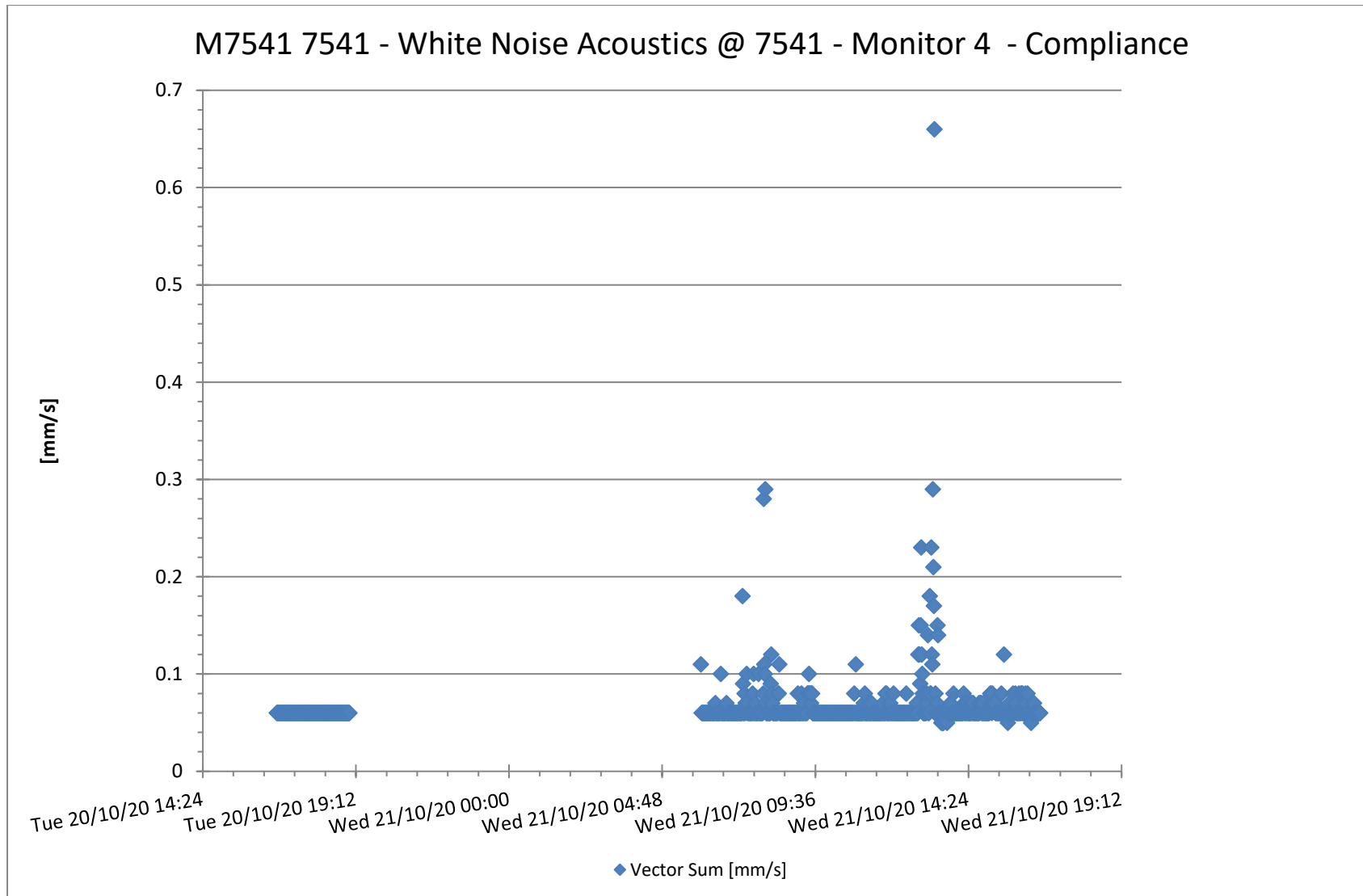
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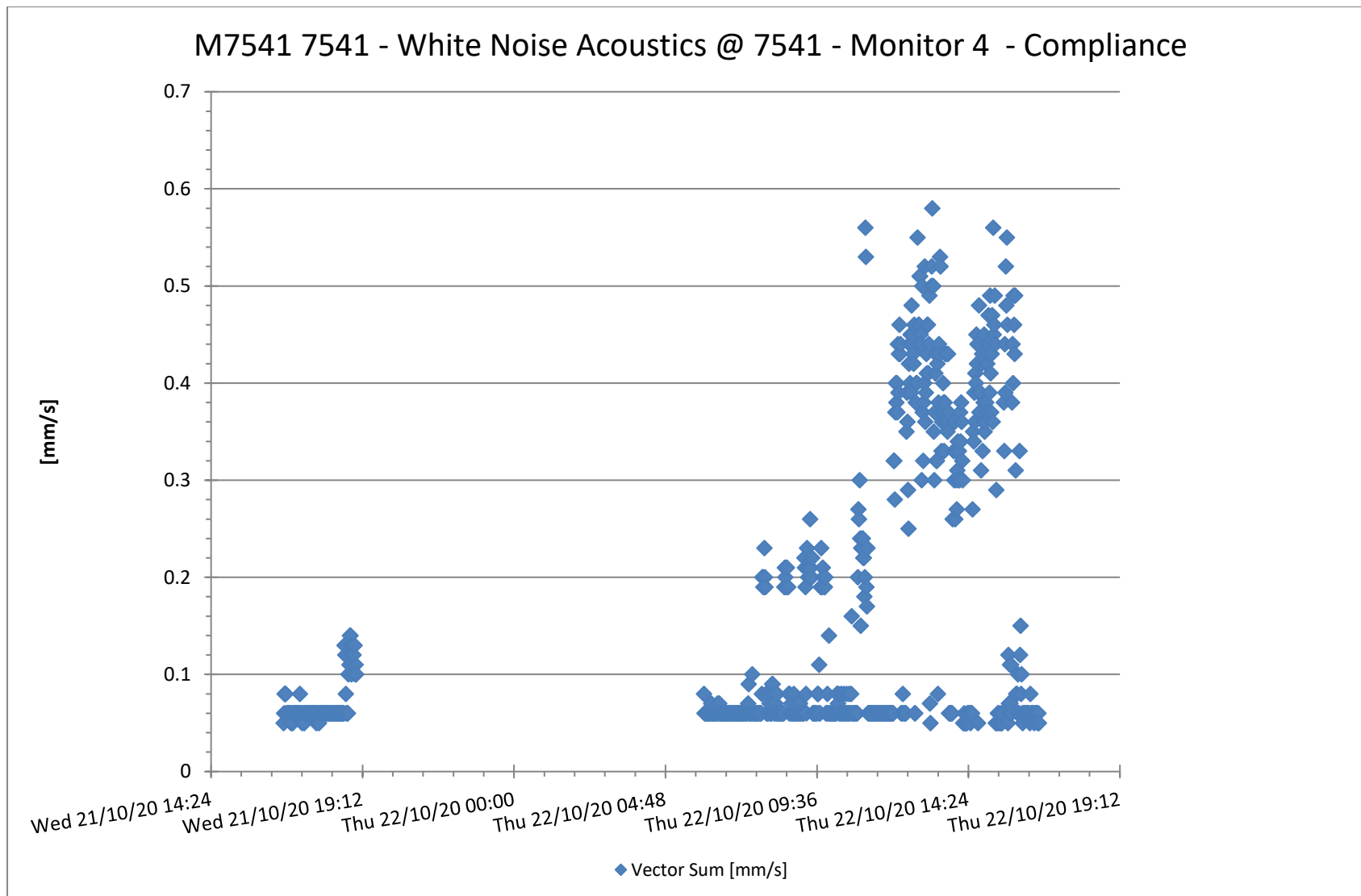
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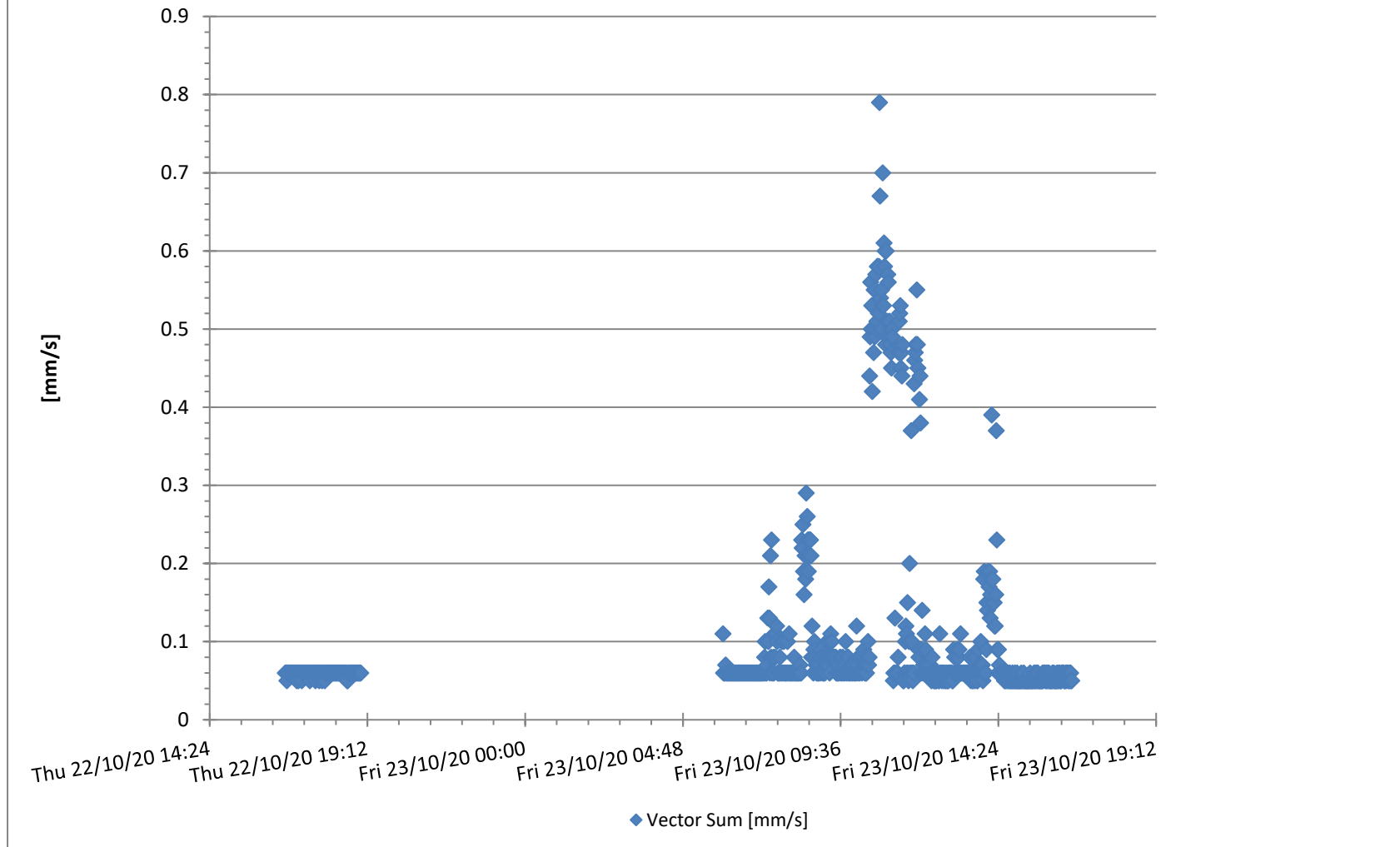
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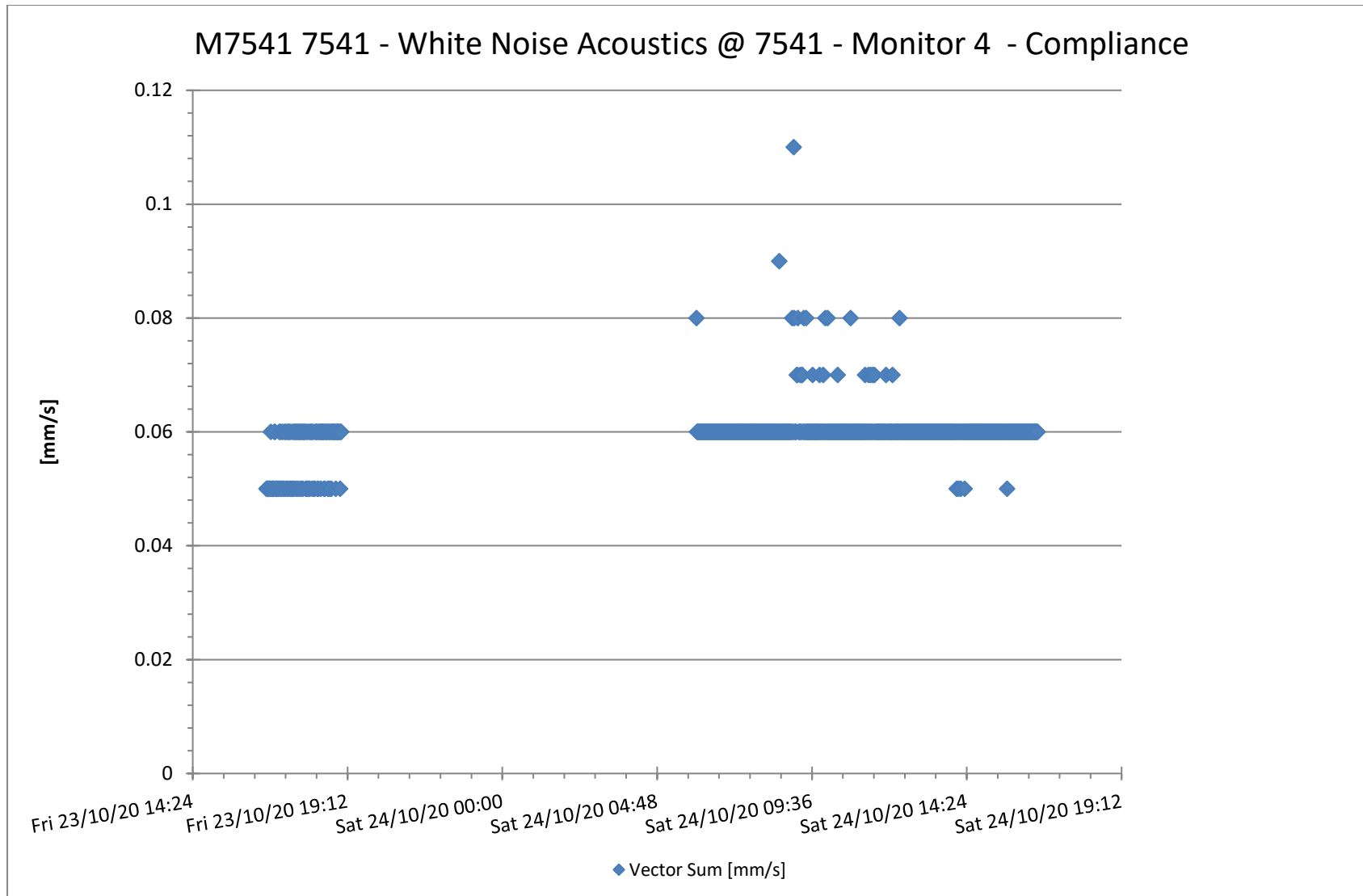
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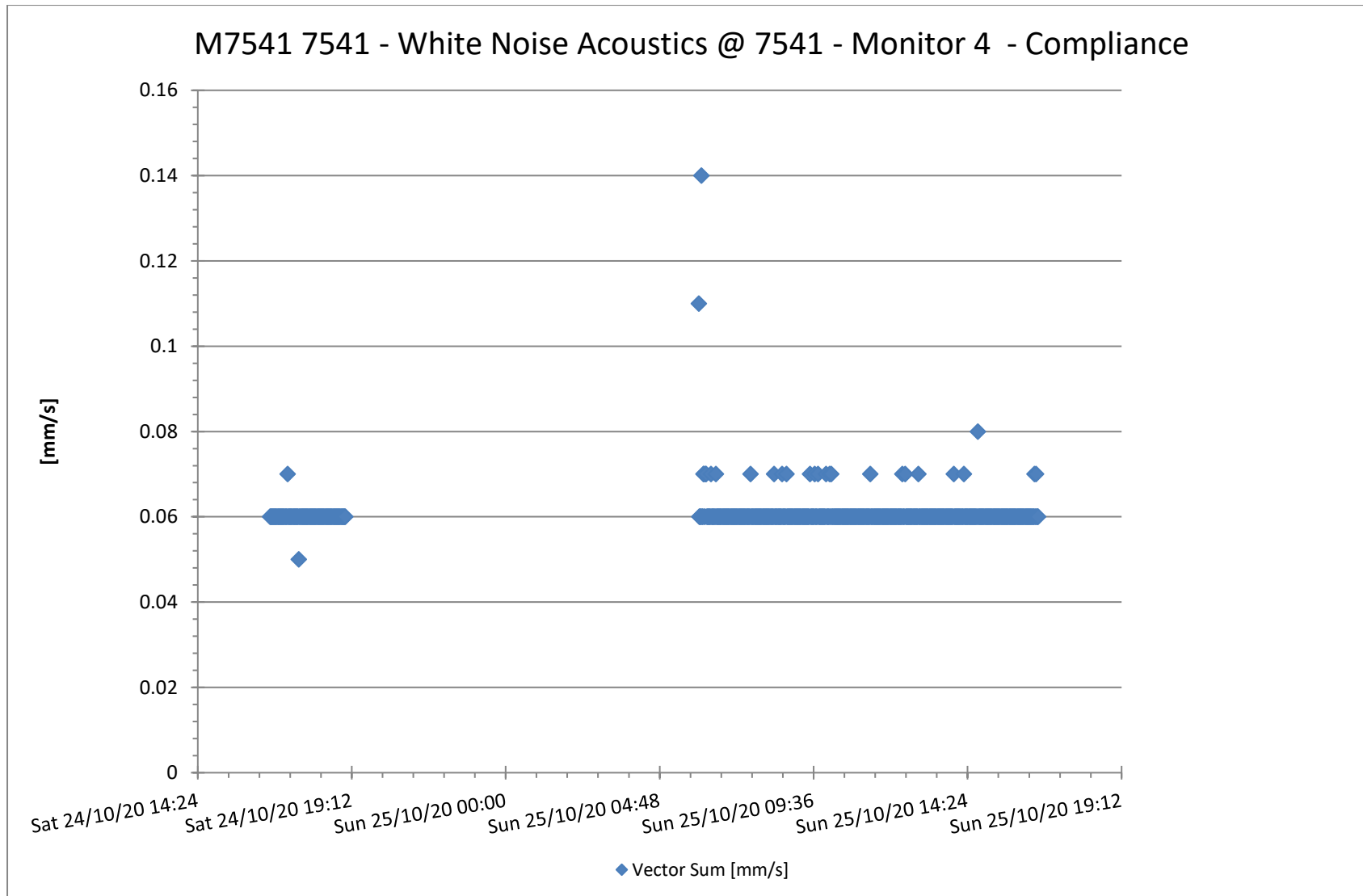
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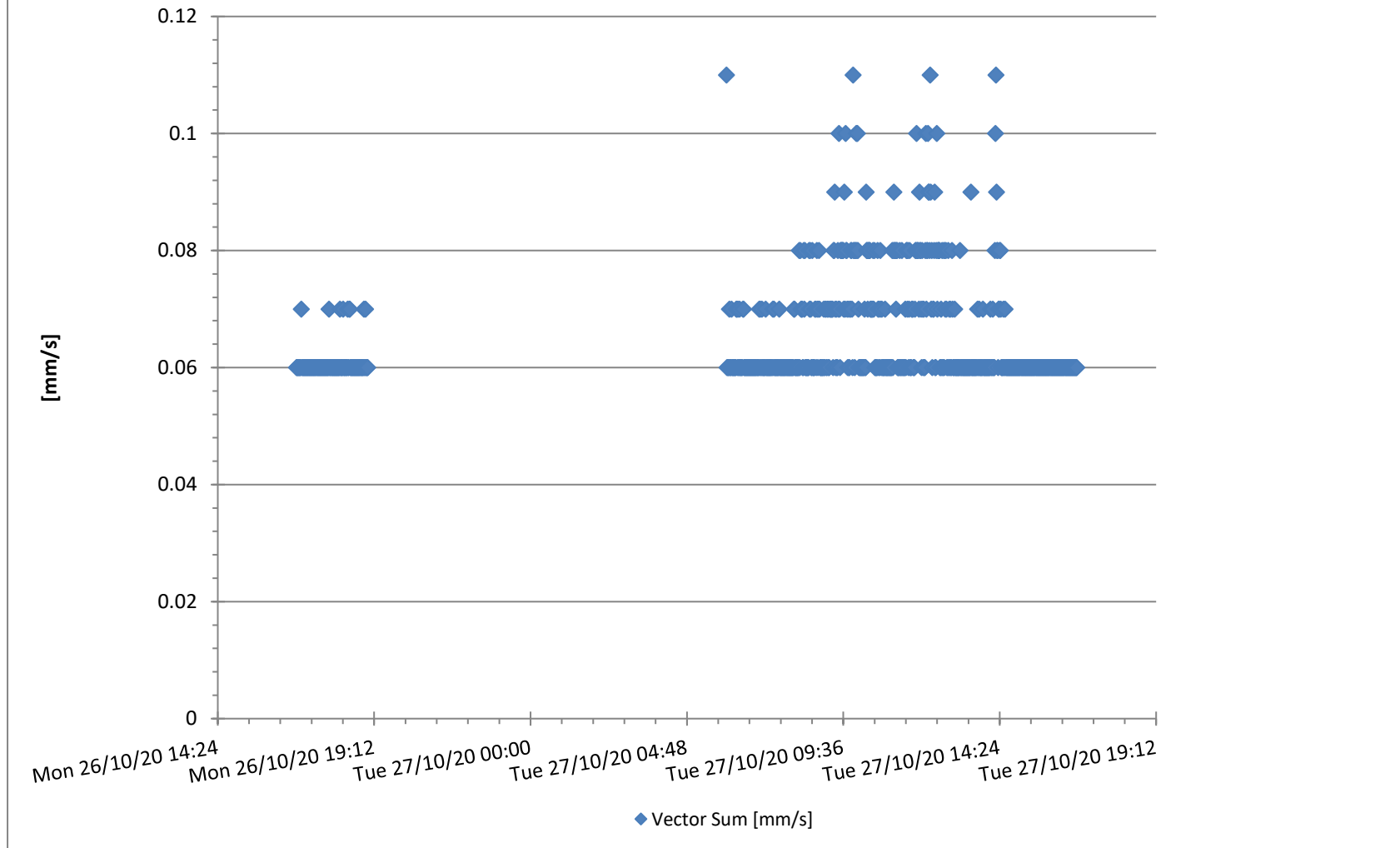
M7541 7541 - White Noise Acoustics @ 7541 - Monitor 4 - Compliance



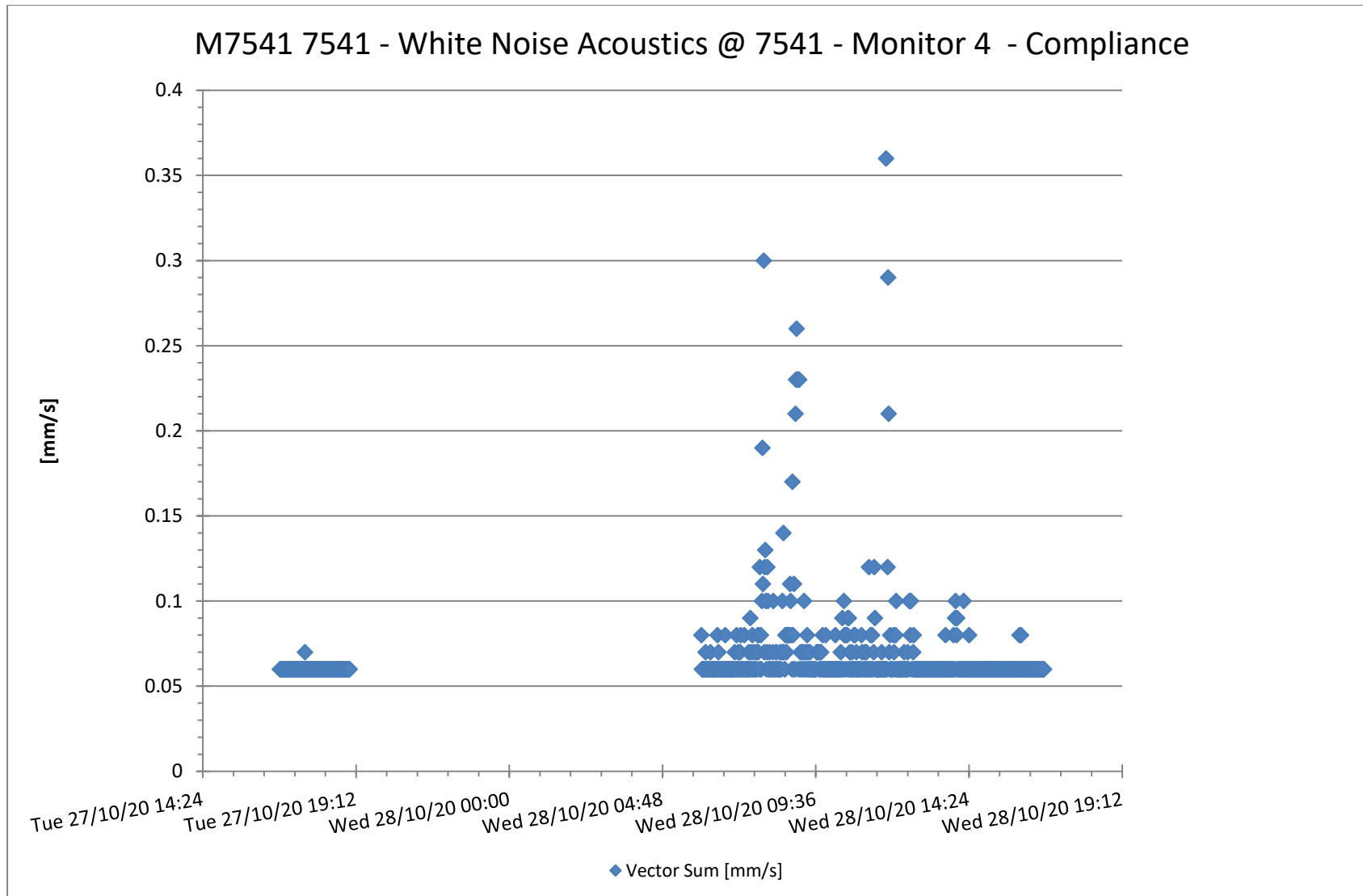
M7541 7541 - White Noise Acoustics @ 7541 - Monitor 4 - Compliance



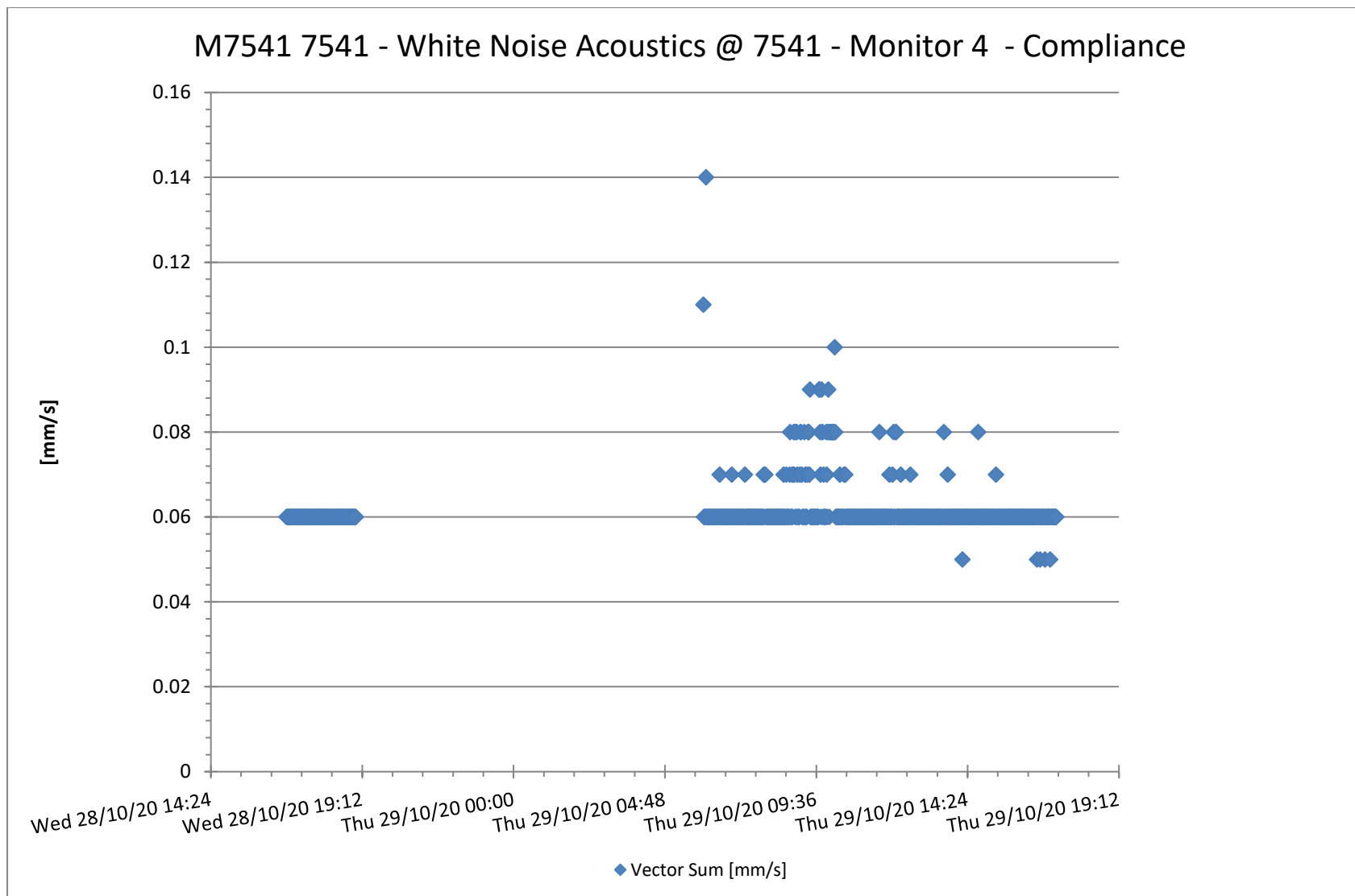
M7541 7541 - White Noise Acoustics @ 7541 - Monitor 4 - Compliance

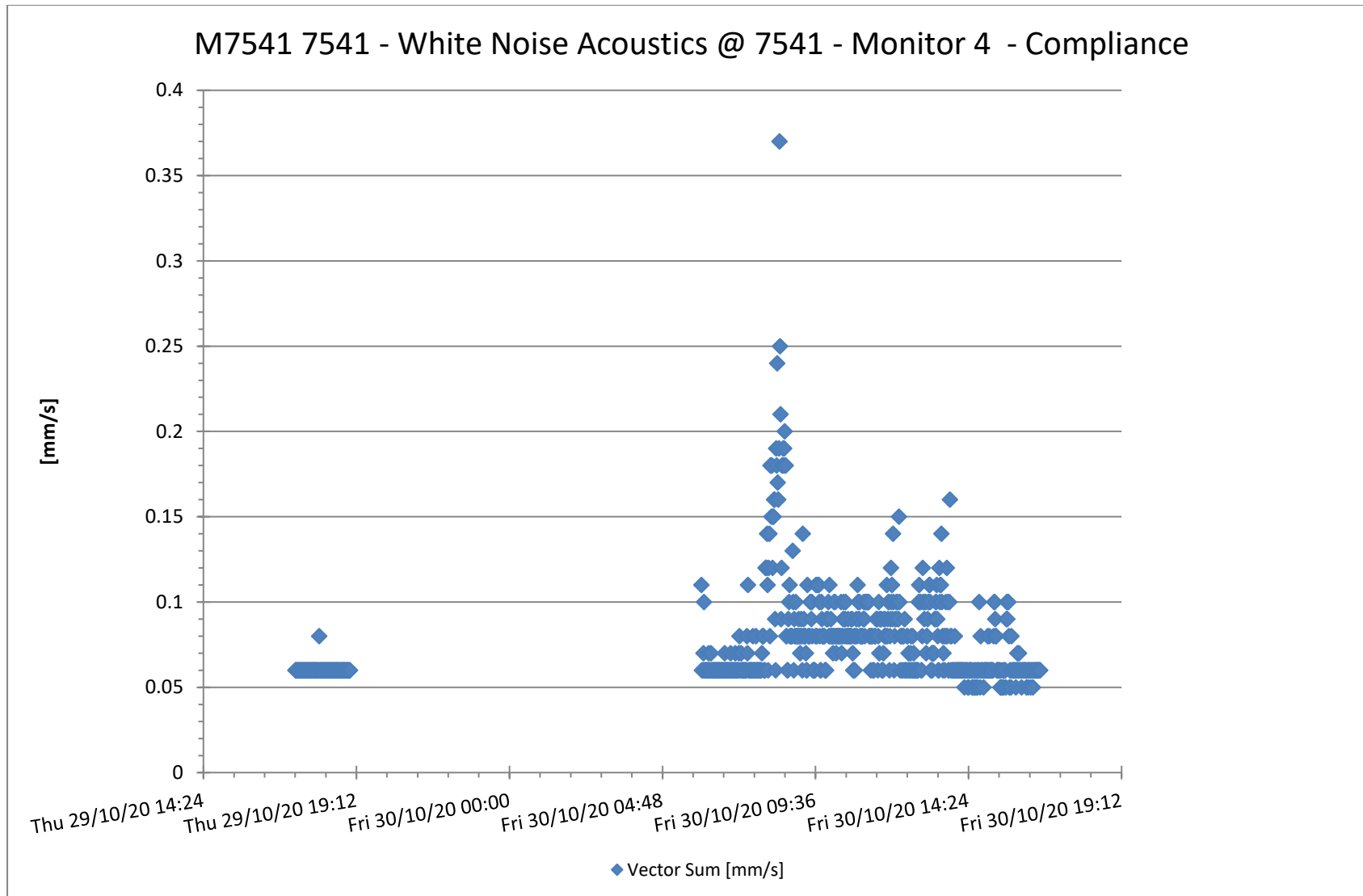


M7541 7541 - White Noise Acoustics @ 7541 - Monitor 4 - Compliance

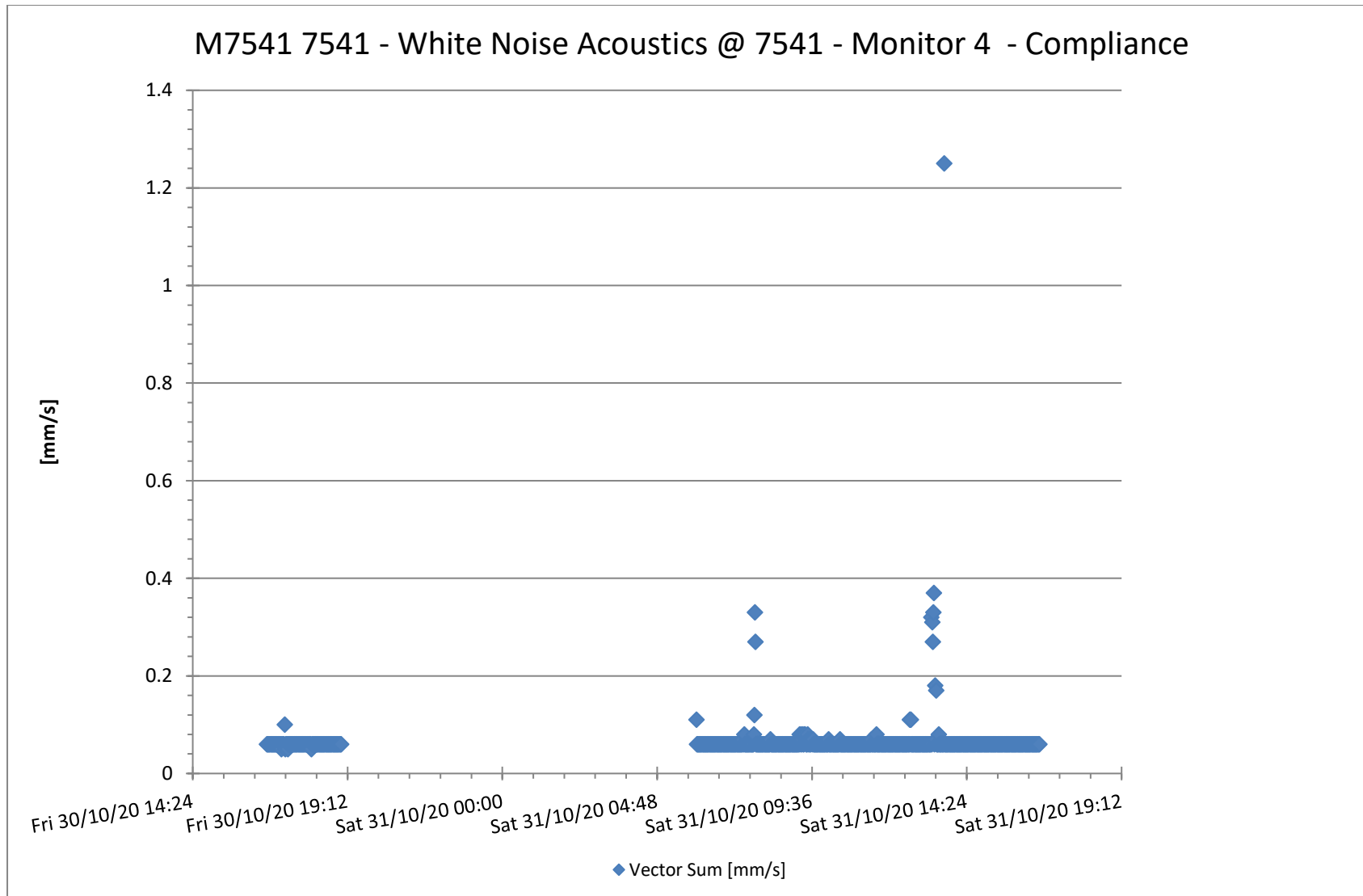


M7541 7541 - White Noise Acoustics @ 7541 - Monitor 4 - Compliance



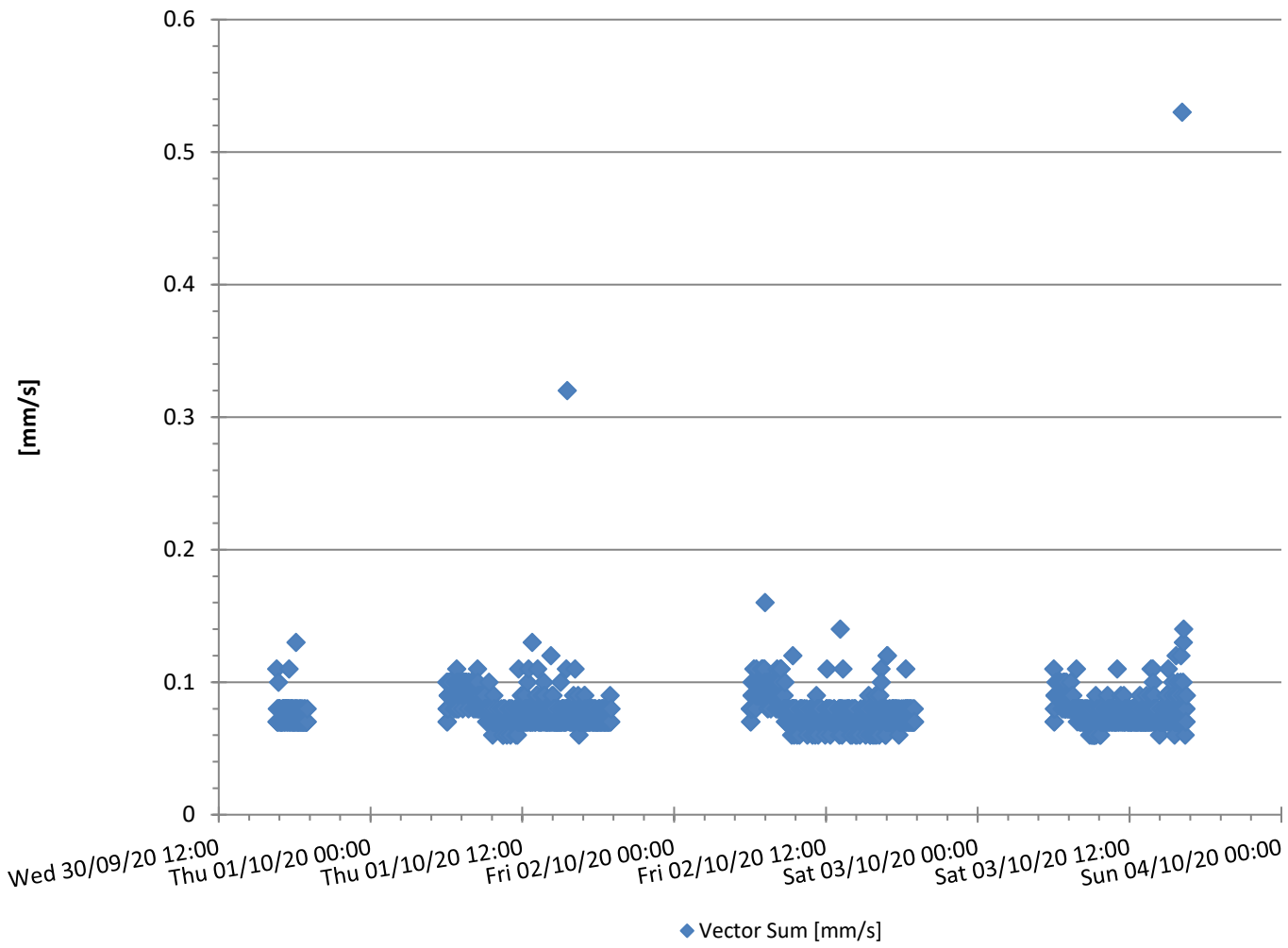


M7541 7541 - White Noise Acoustics @ 7541 - Monitor 4 - Compliance

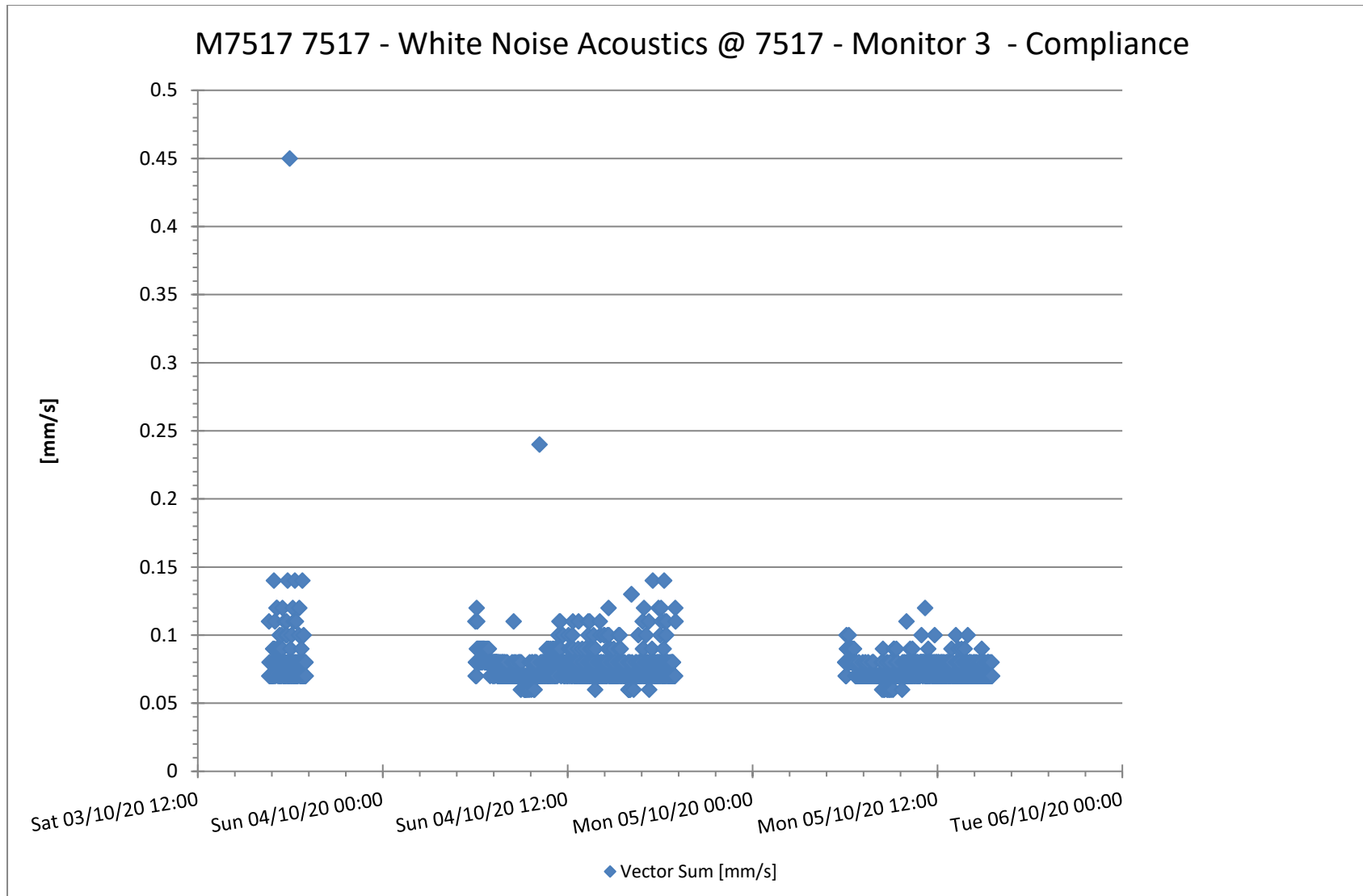


11 Appendix E –Logger Location 4 – Monitor M7517

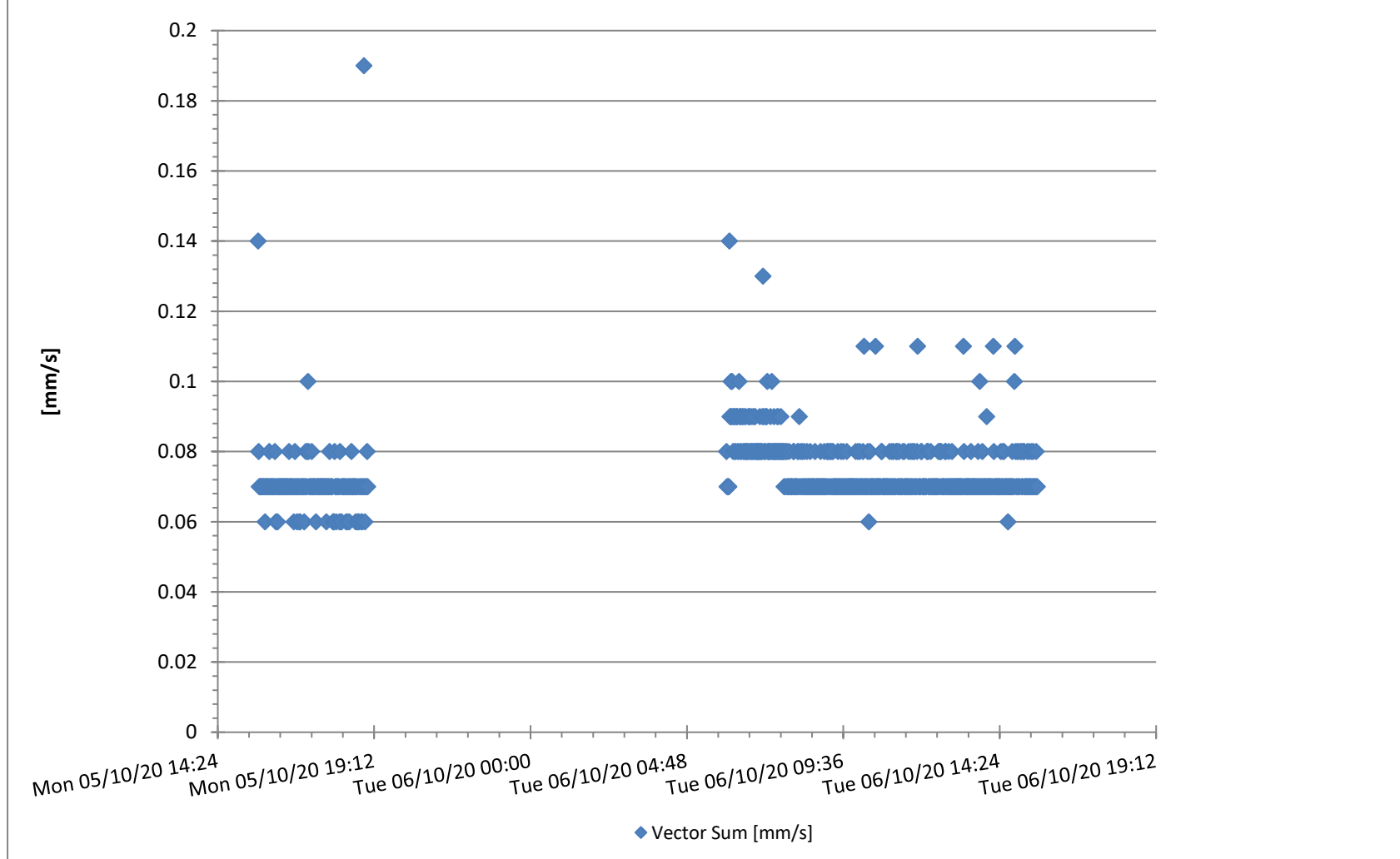
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



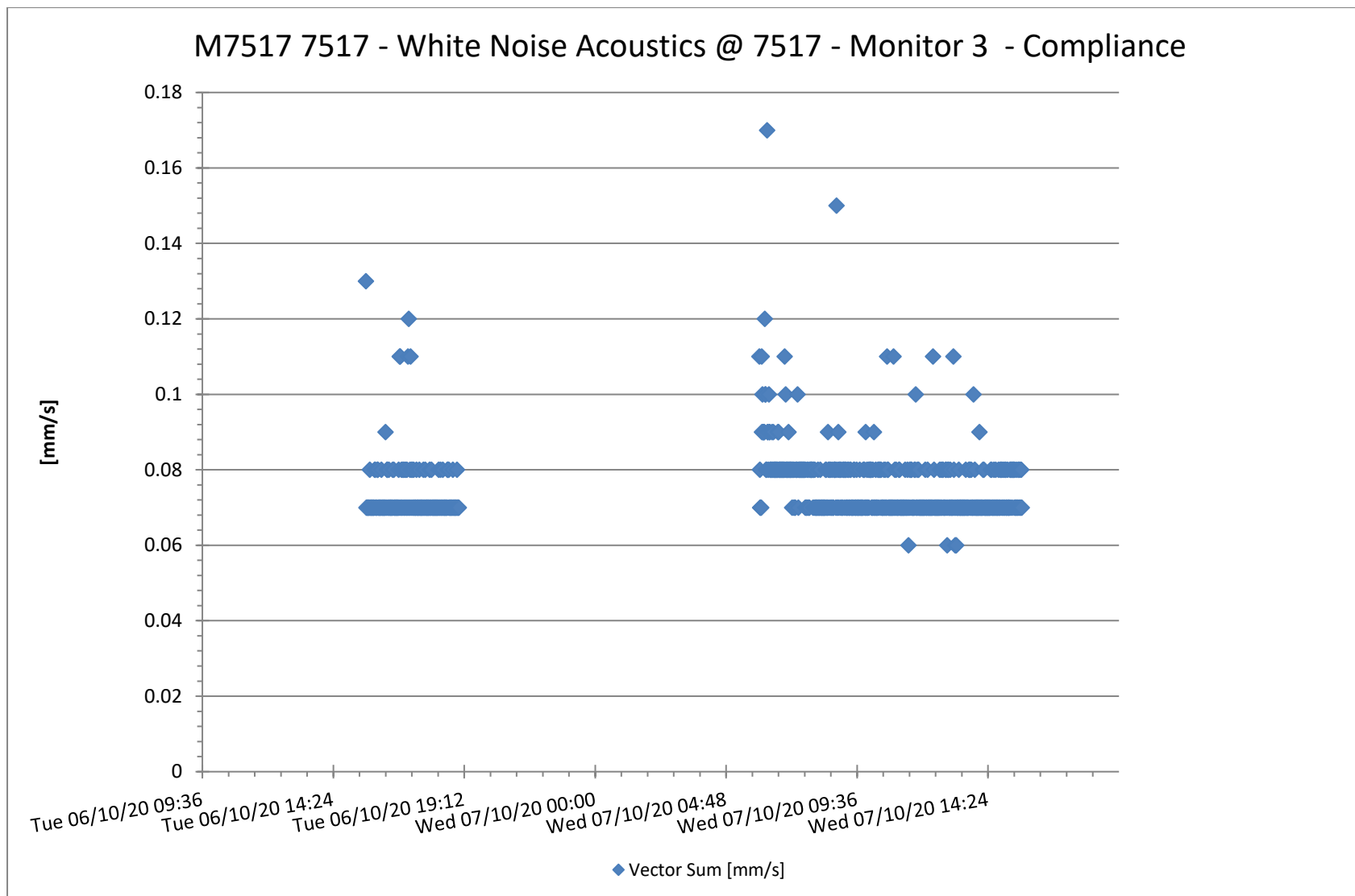
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



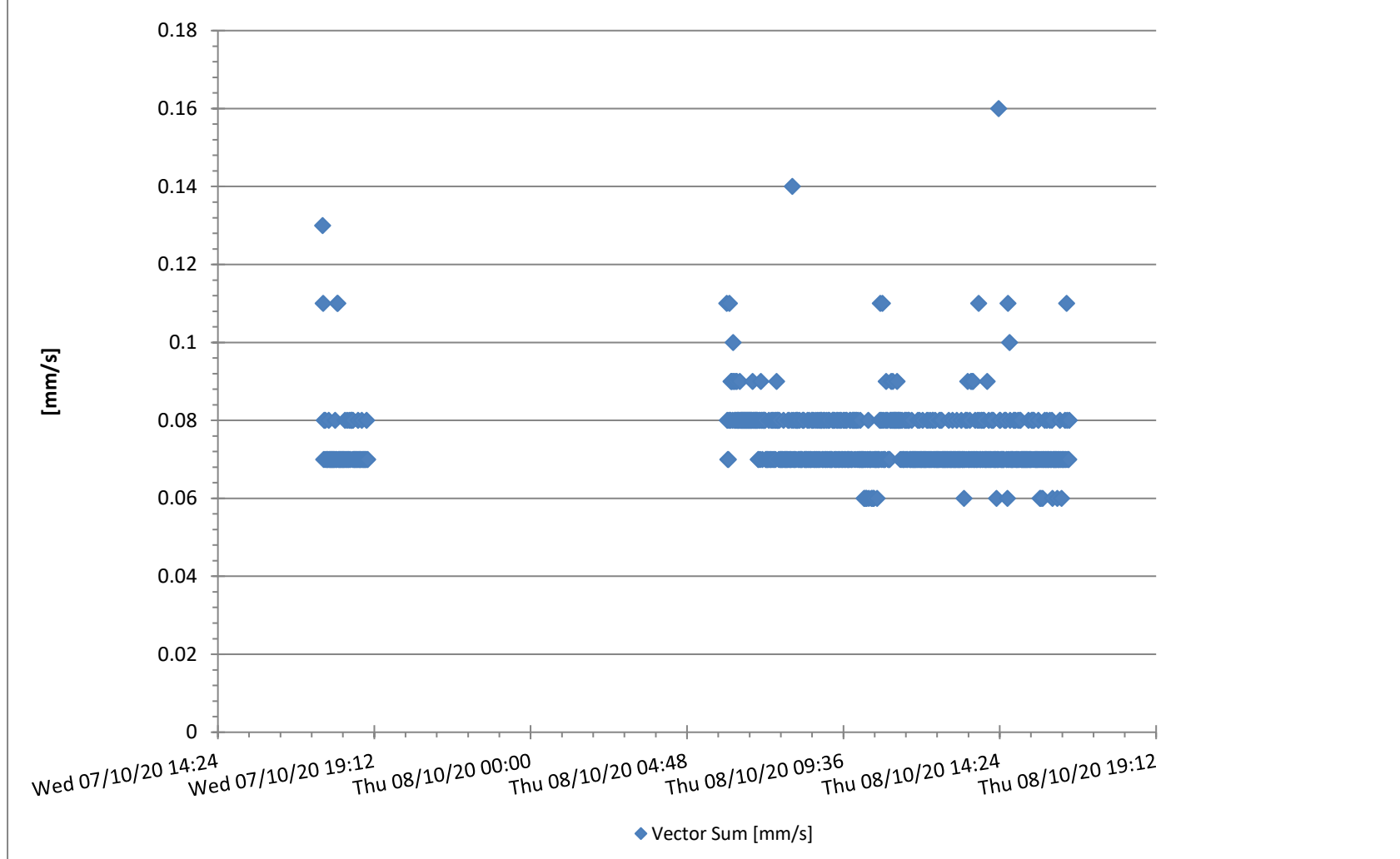
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



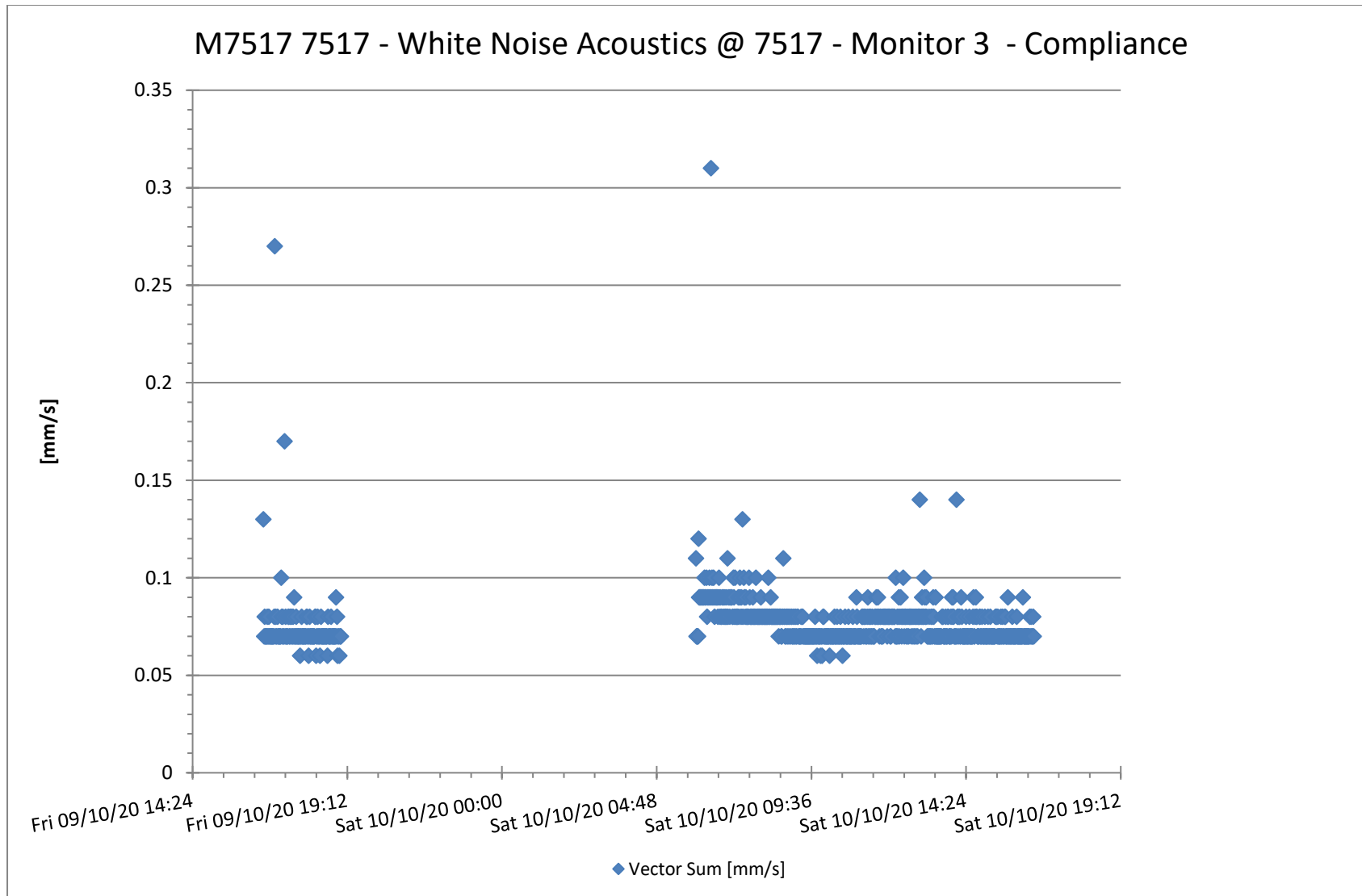
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



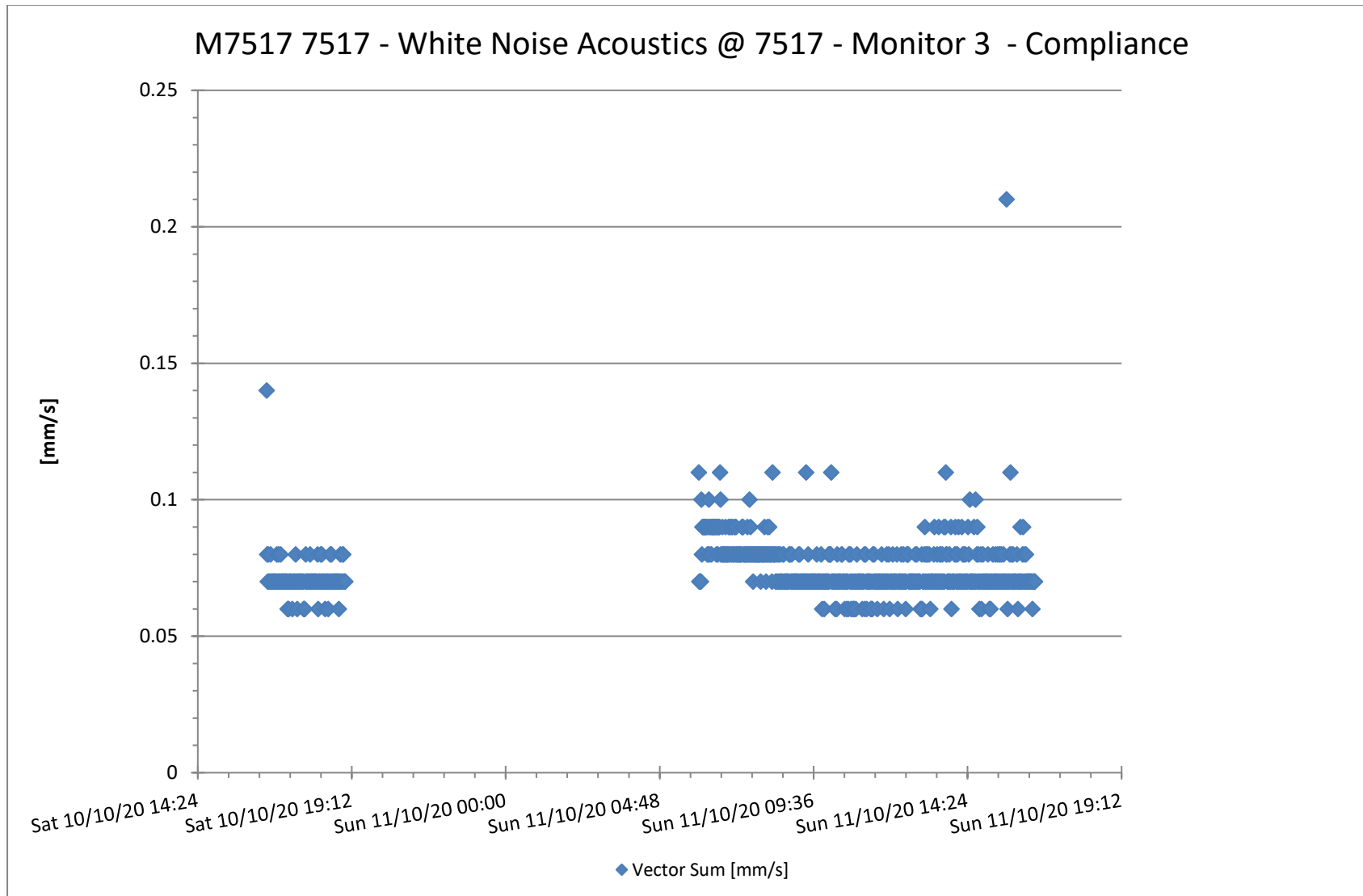
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



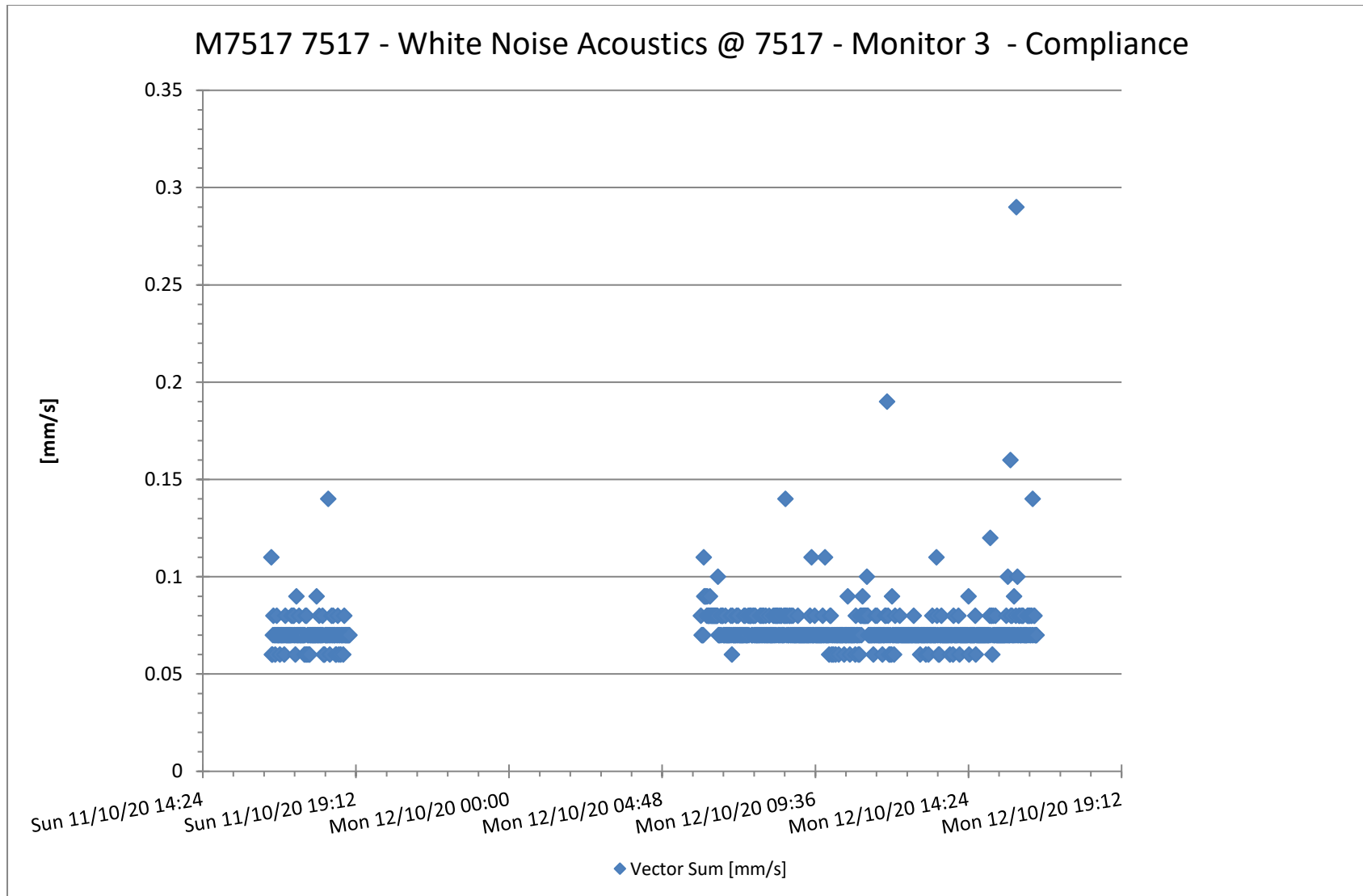
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



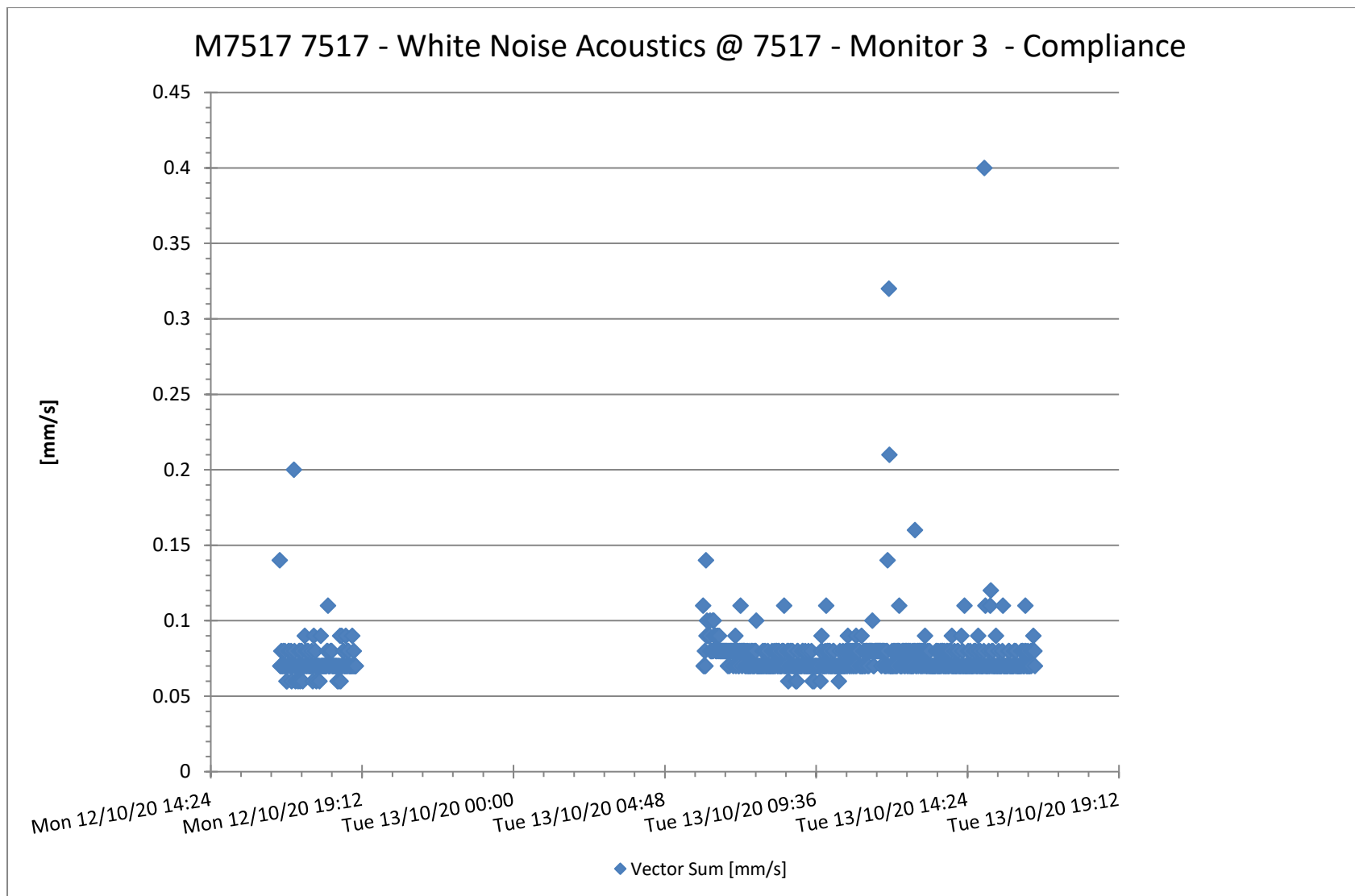
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



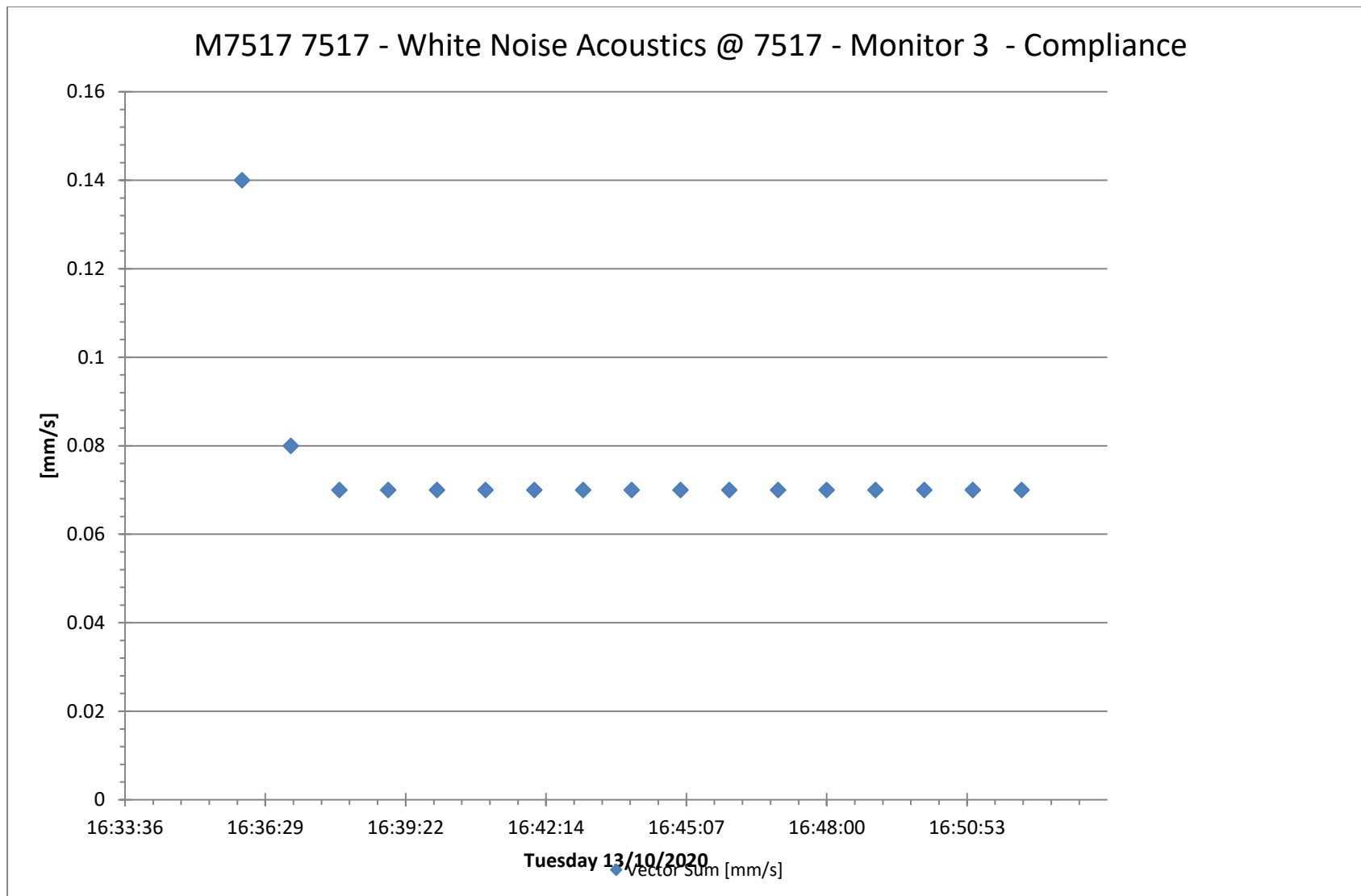
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



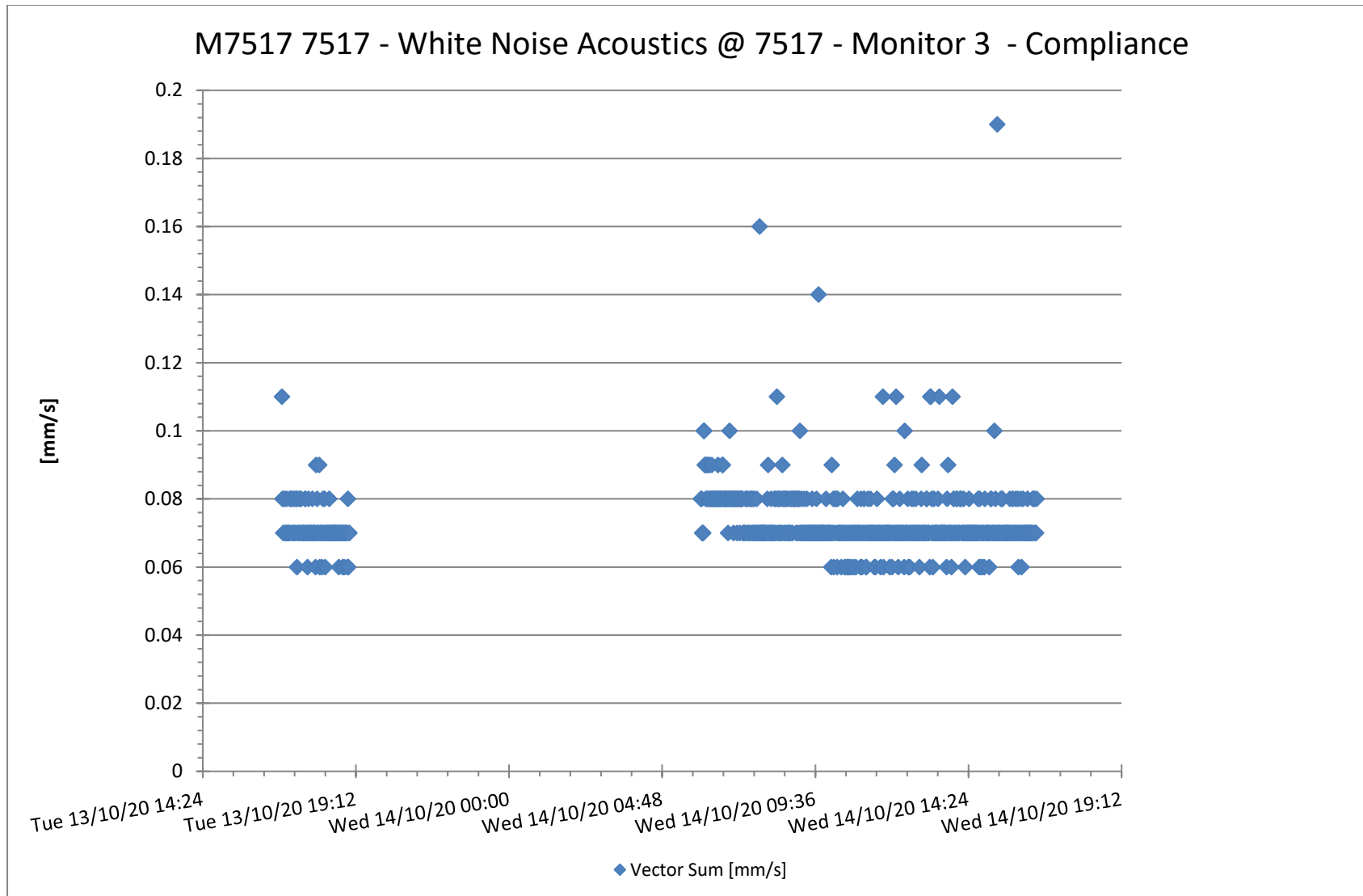
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



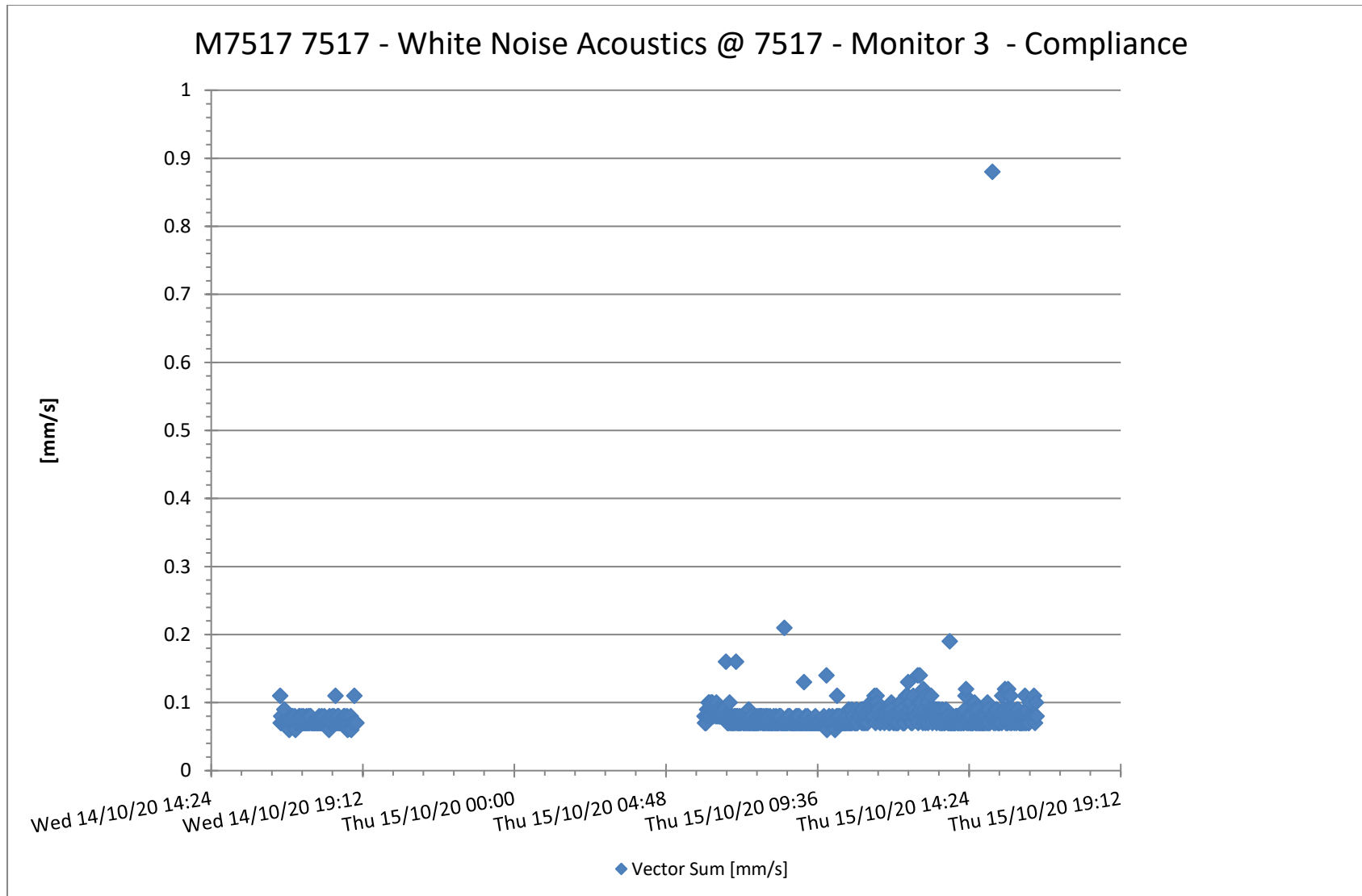
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



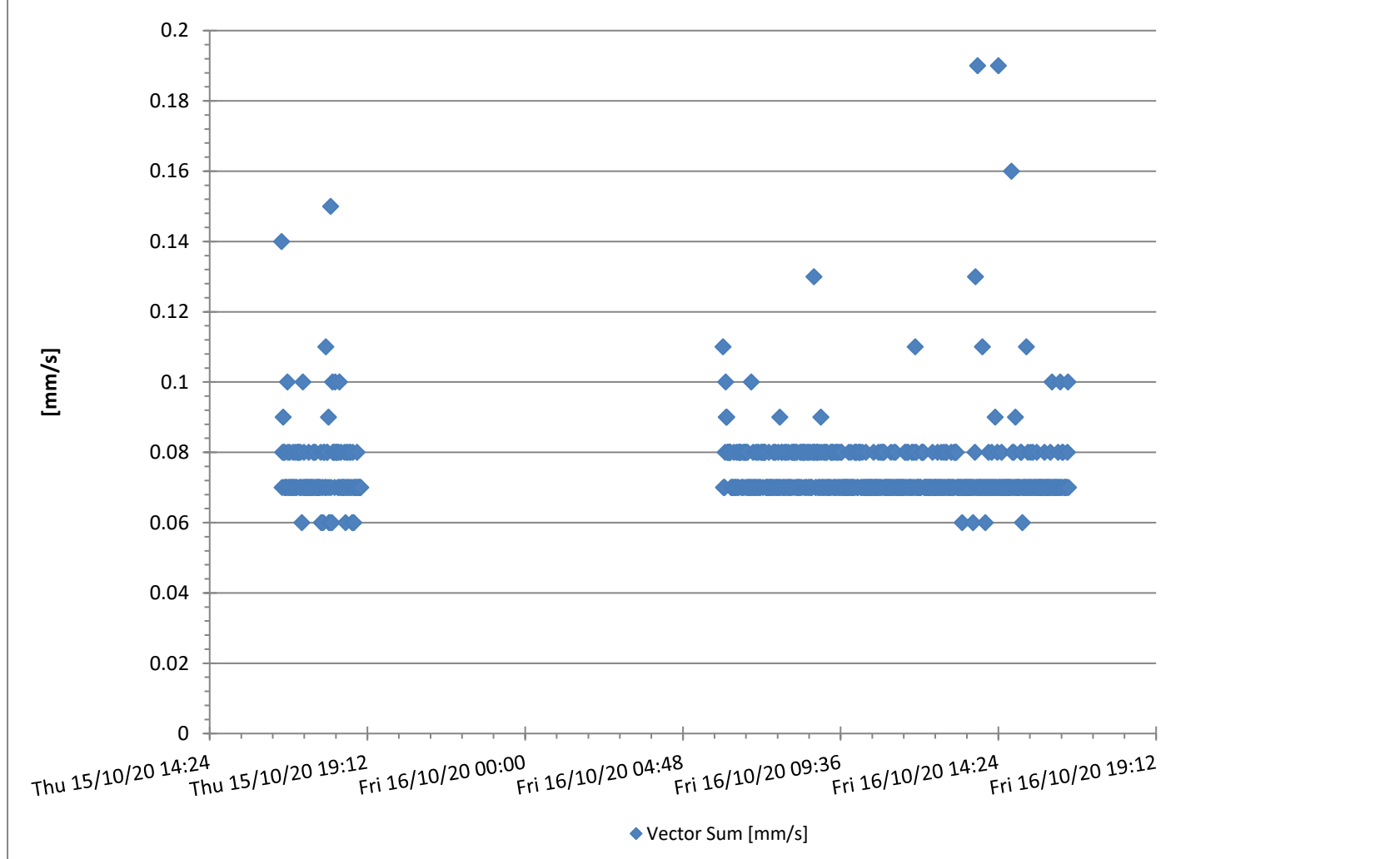
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



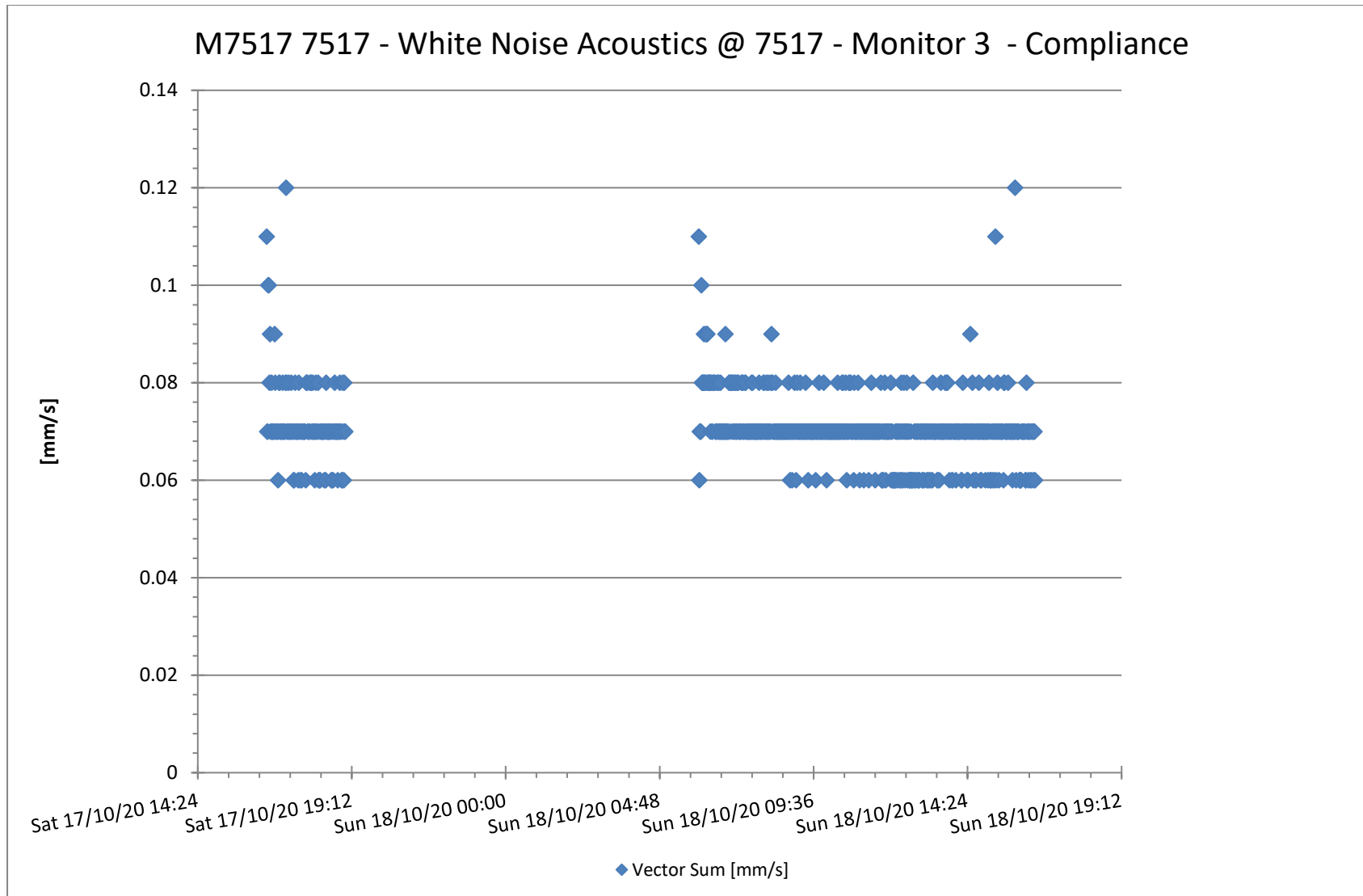
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



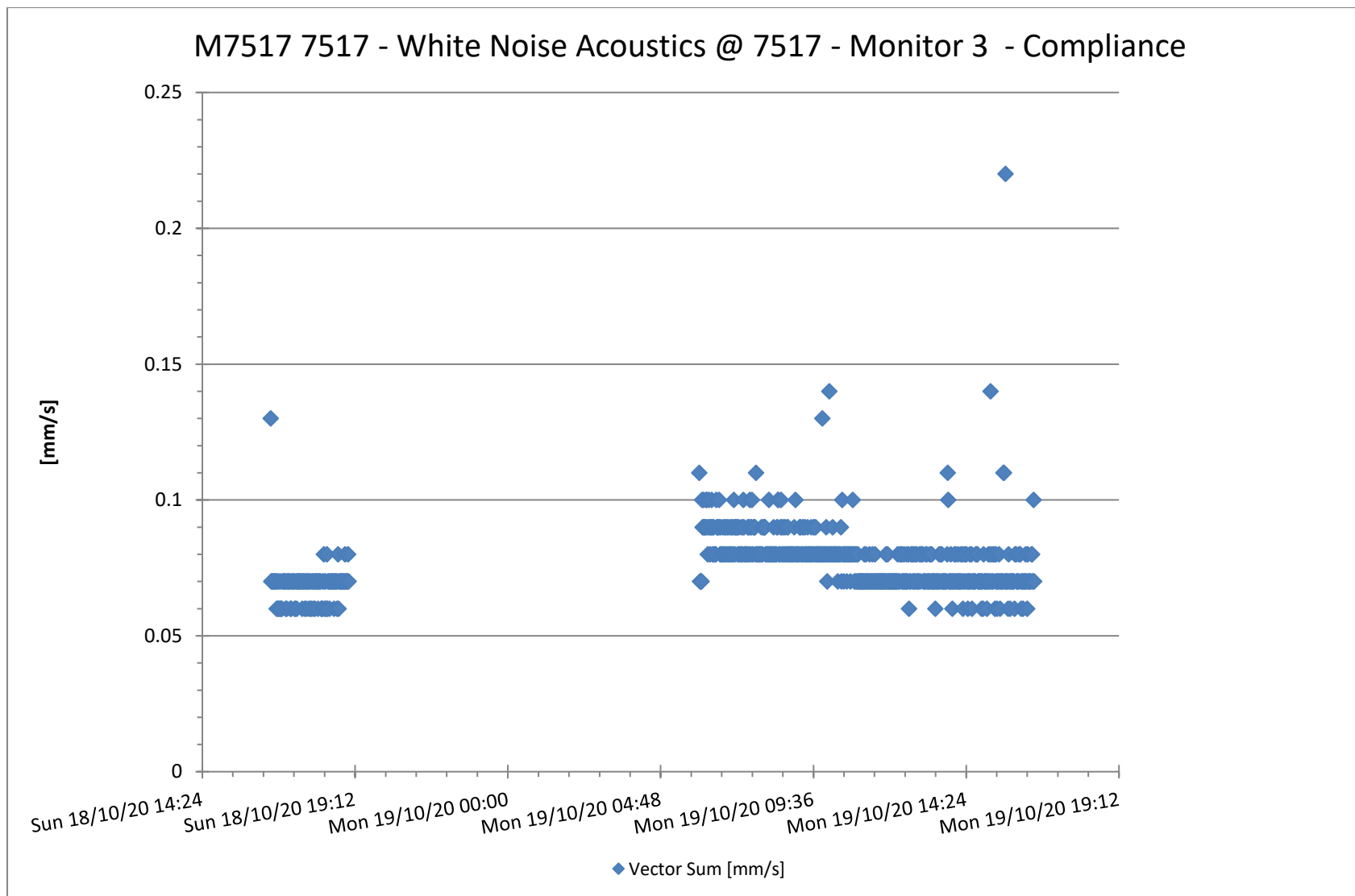
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



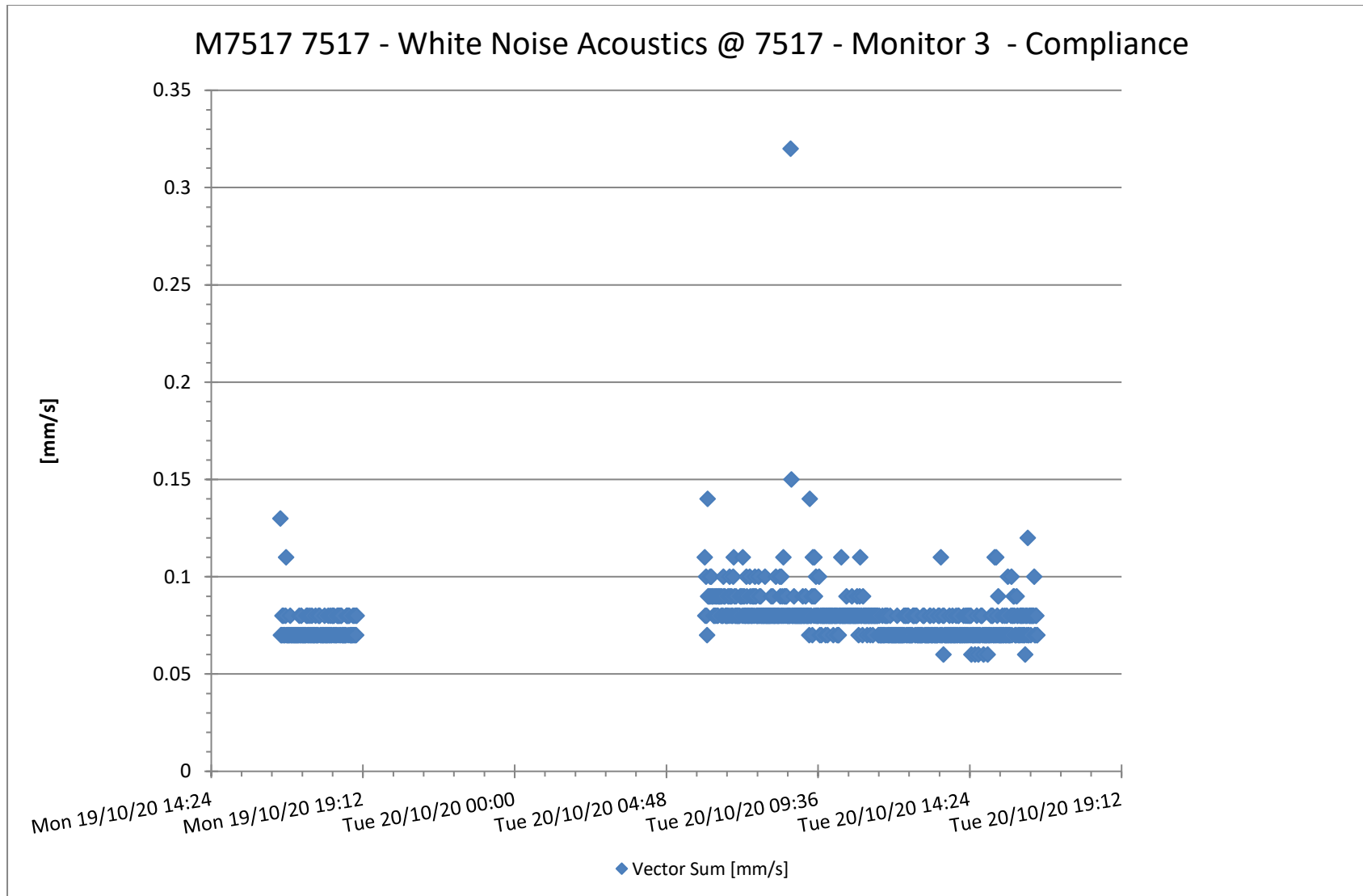
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



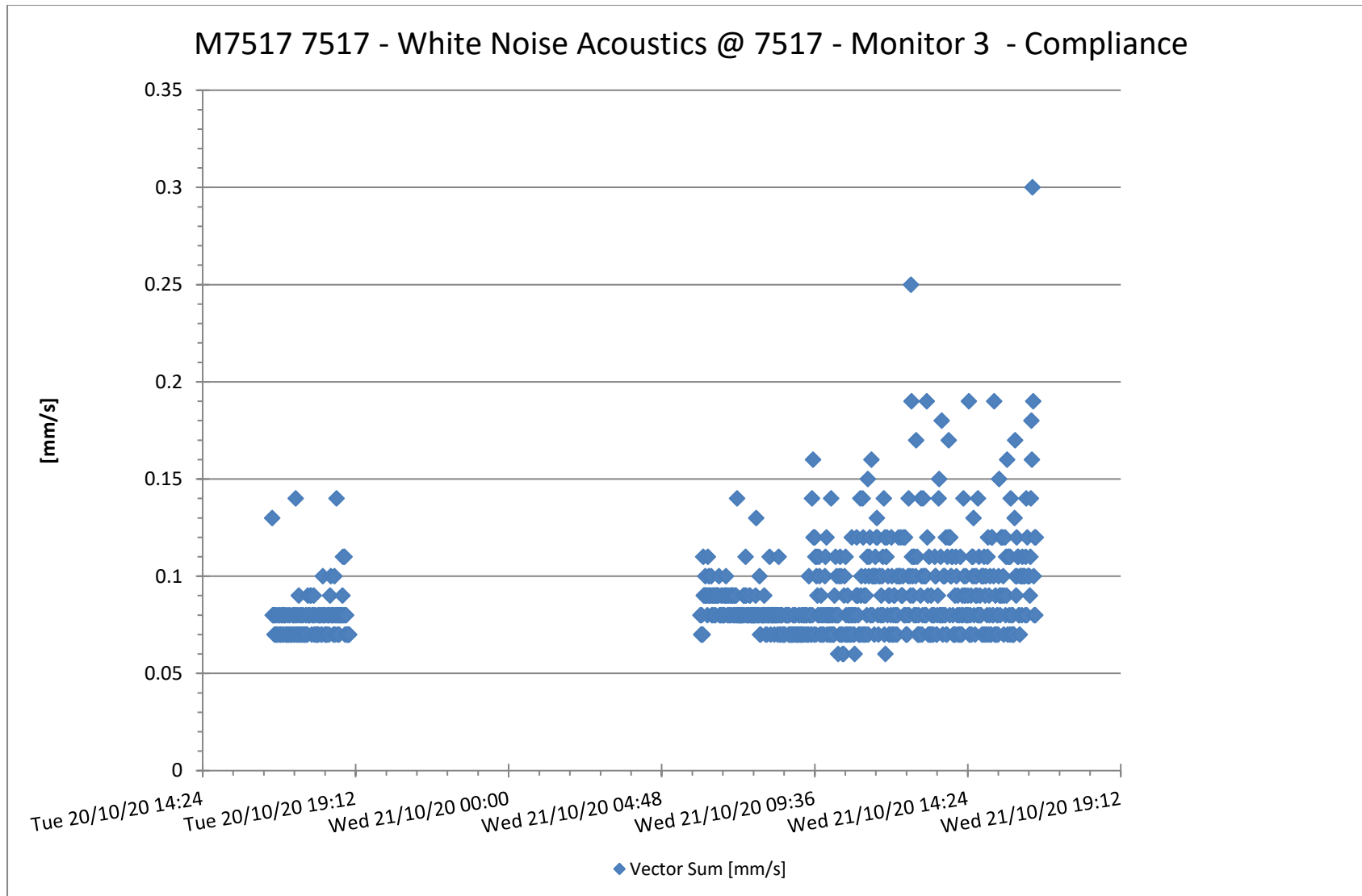
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



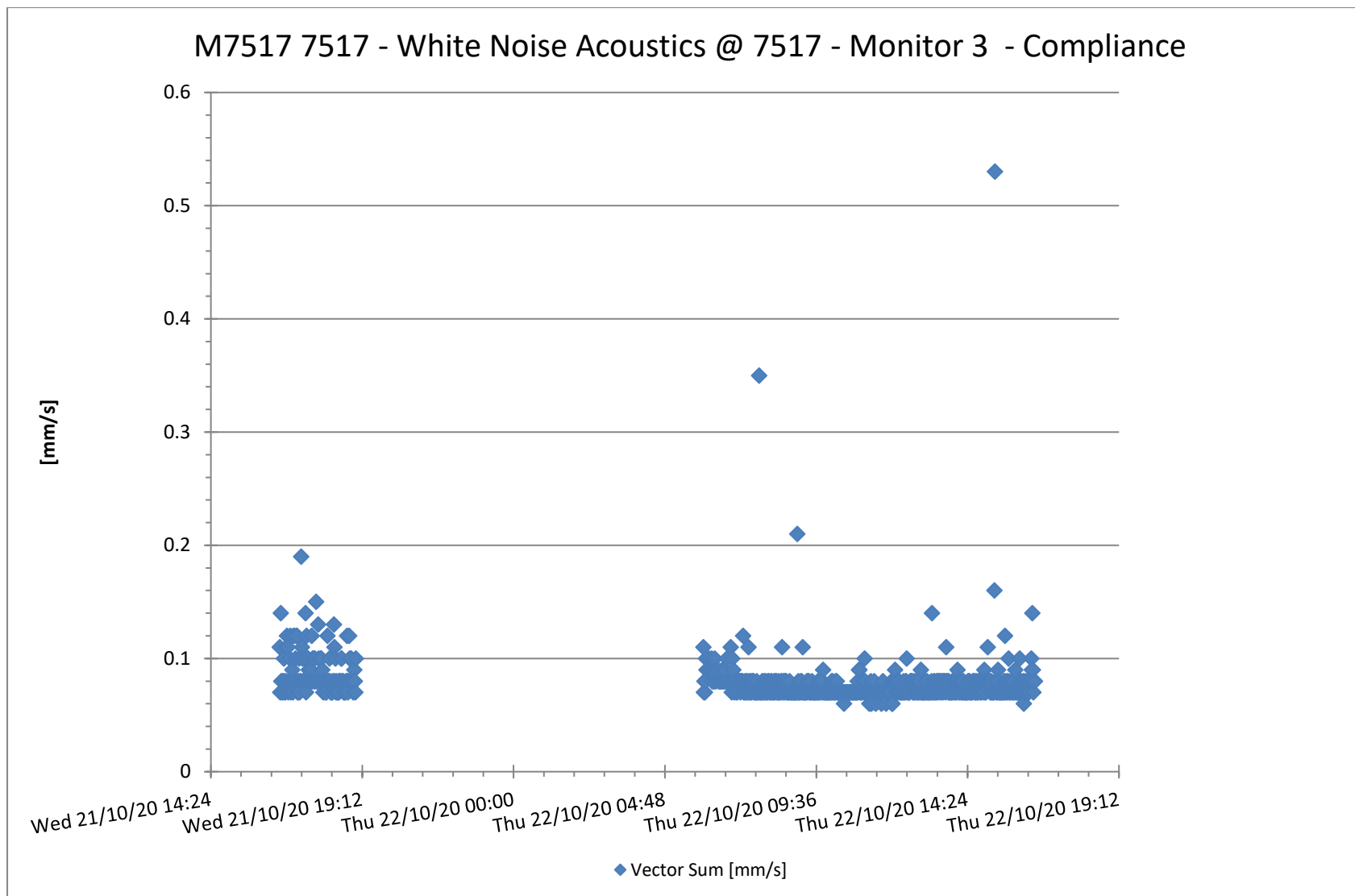
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



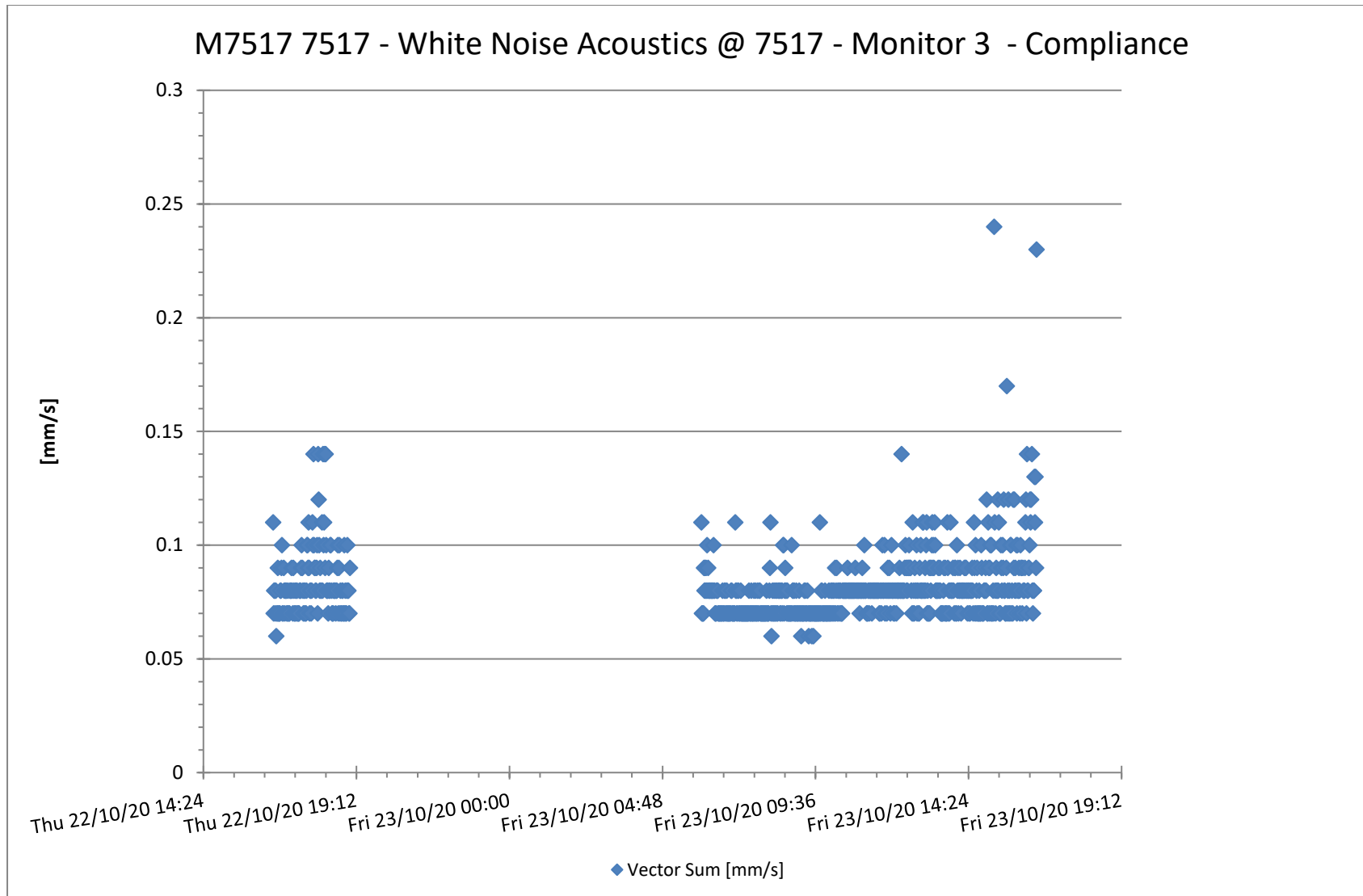
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



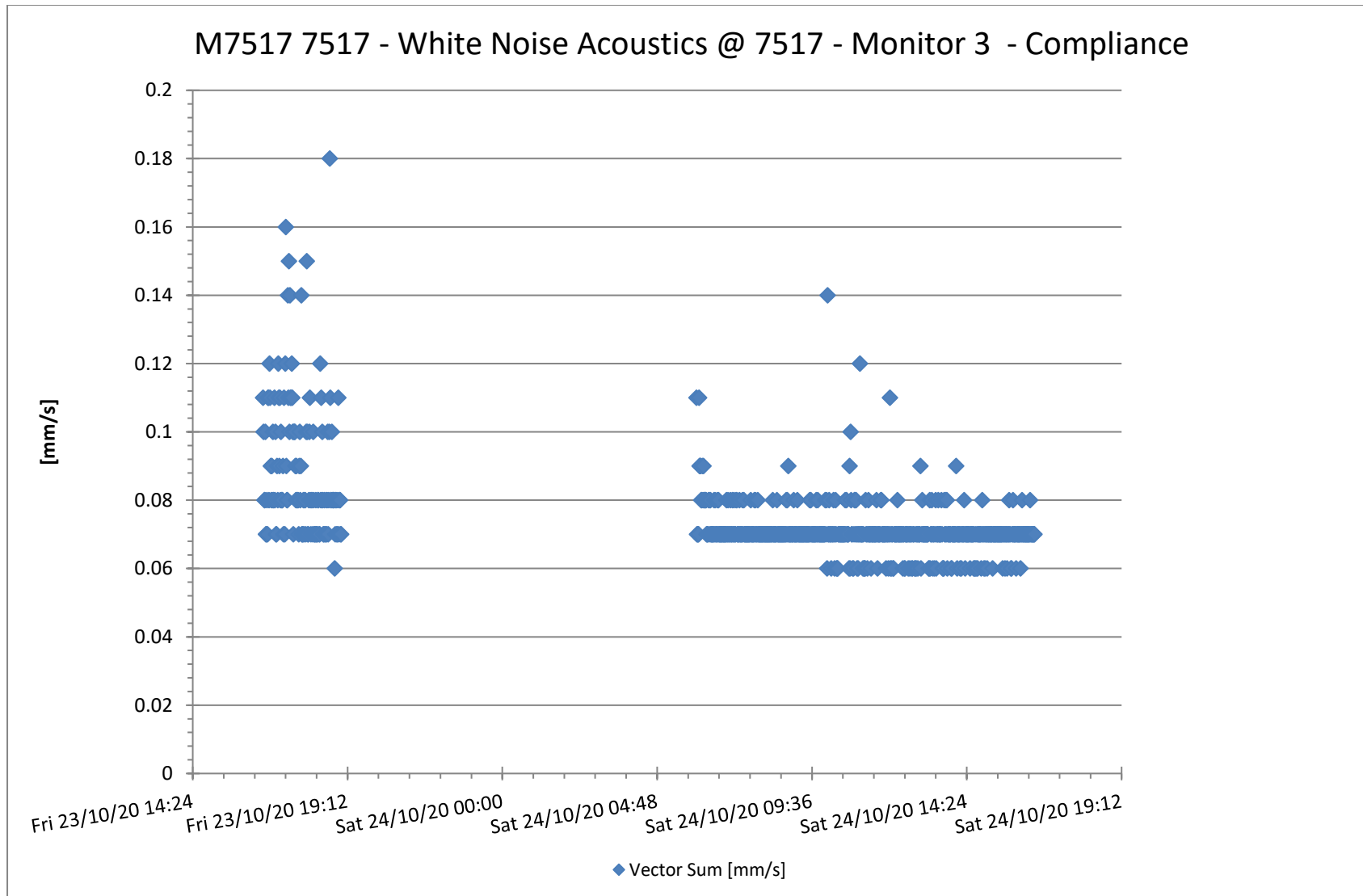
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



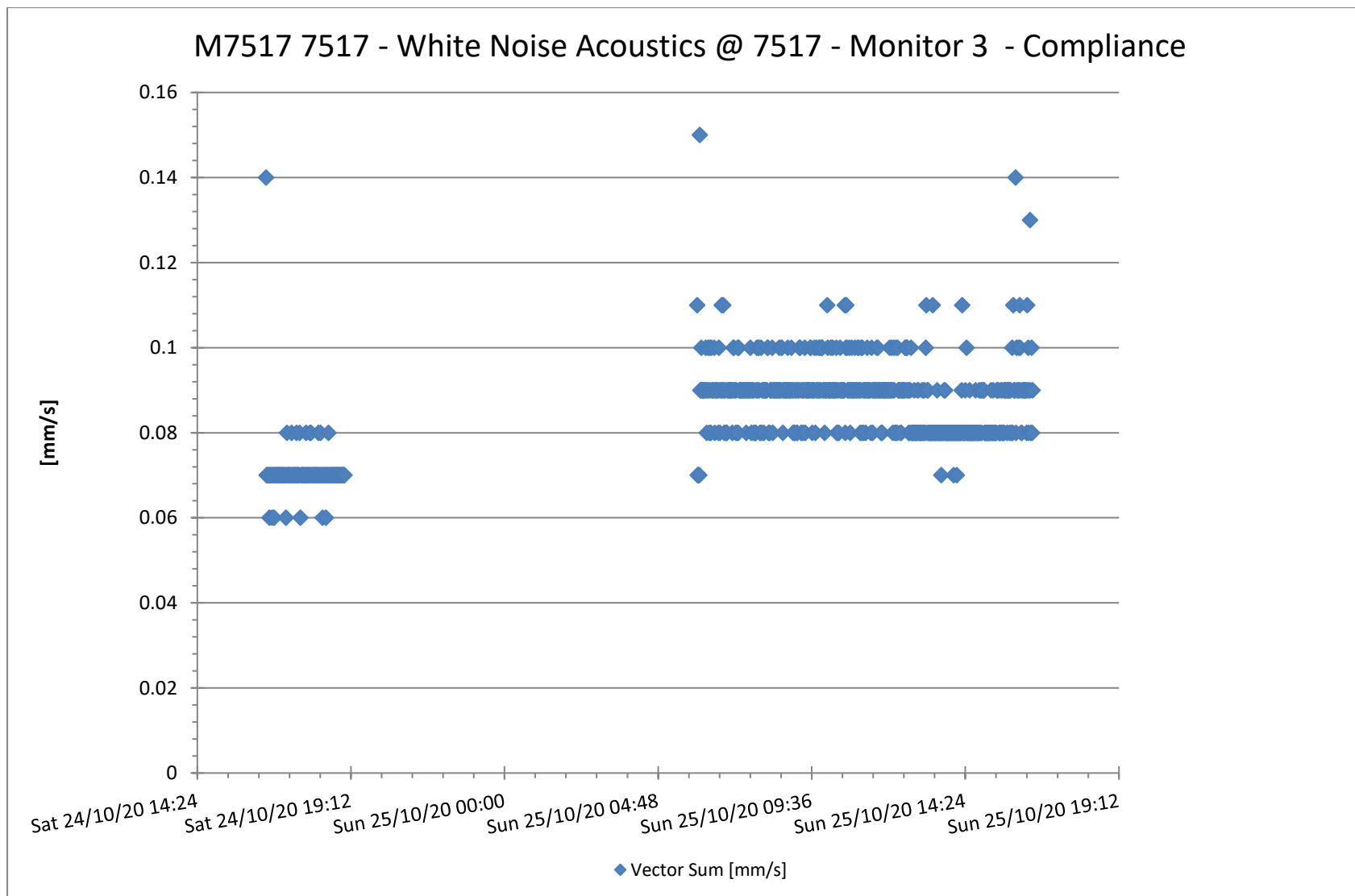
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



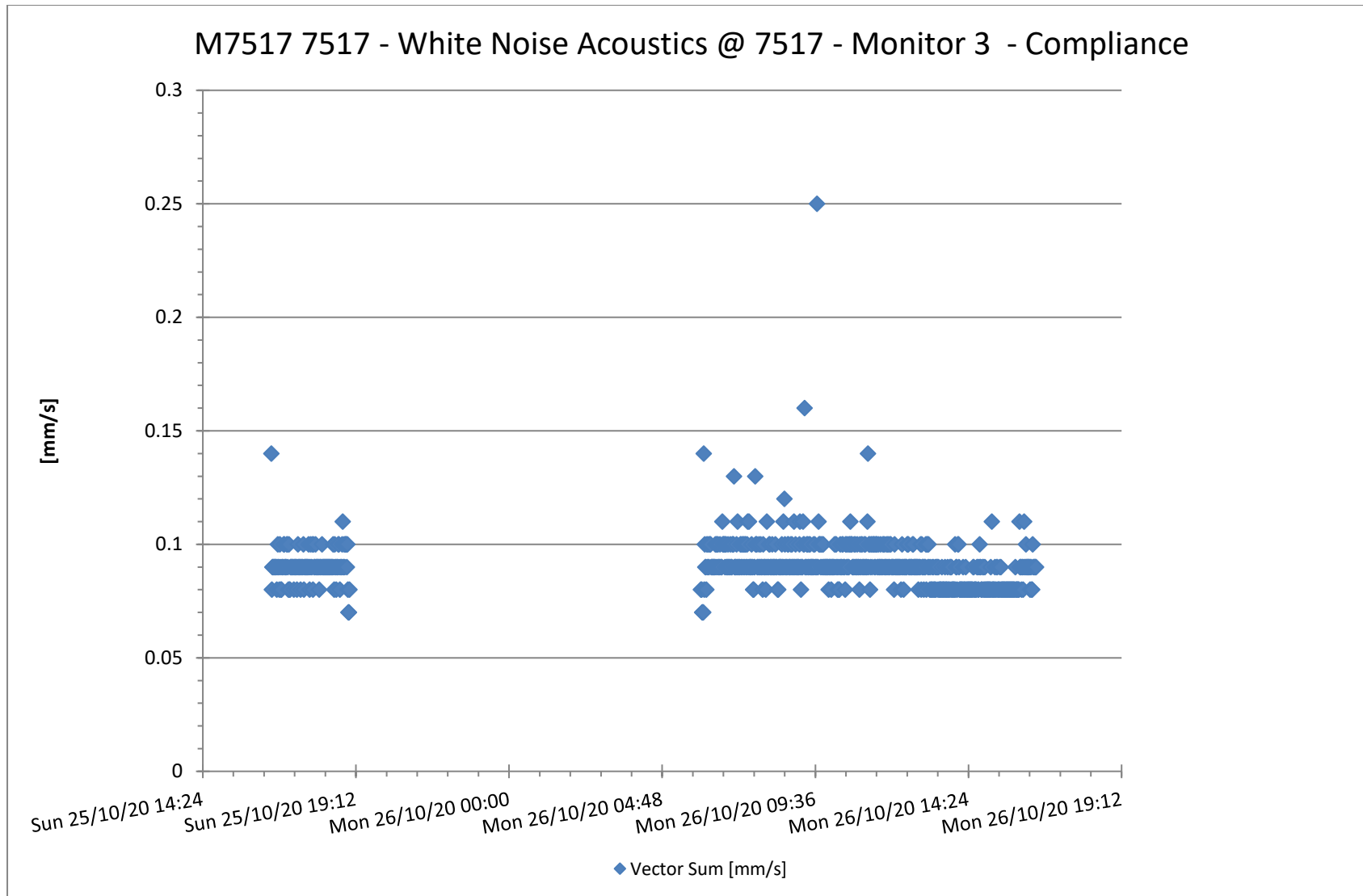
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



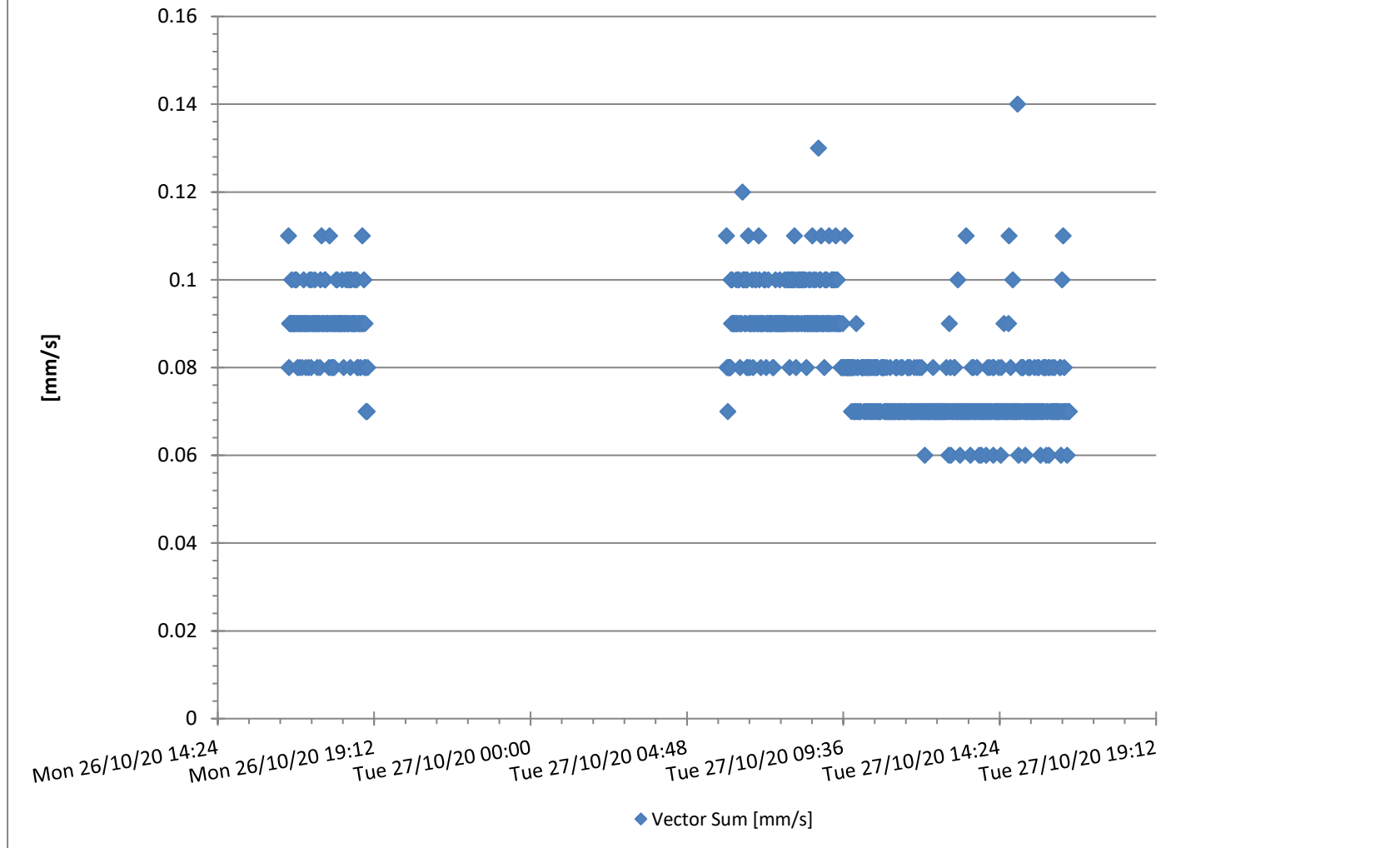
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



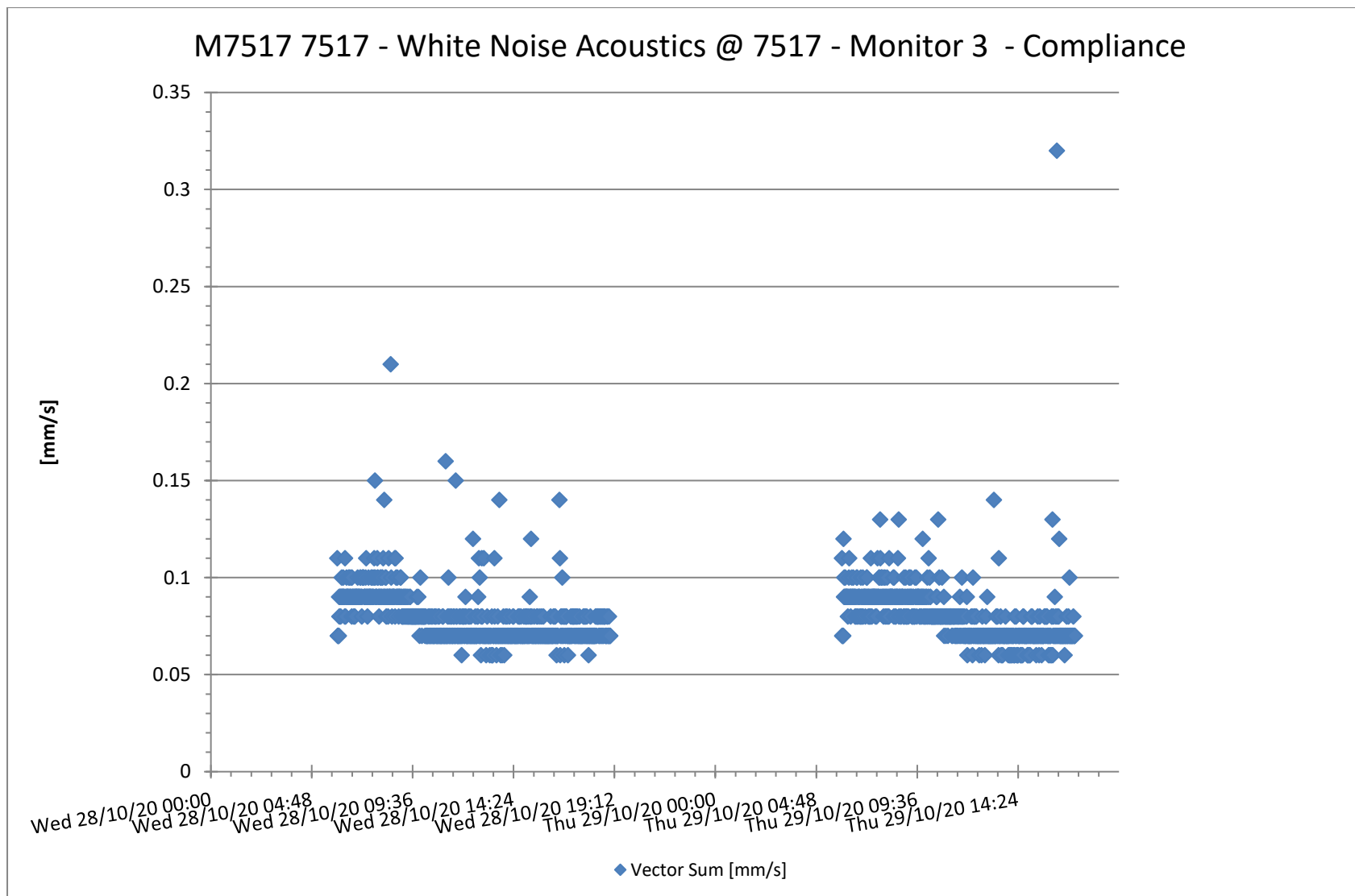
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



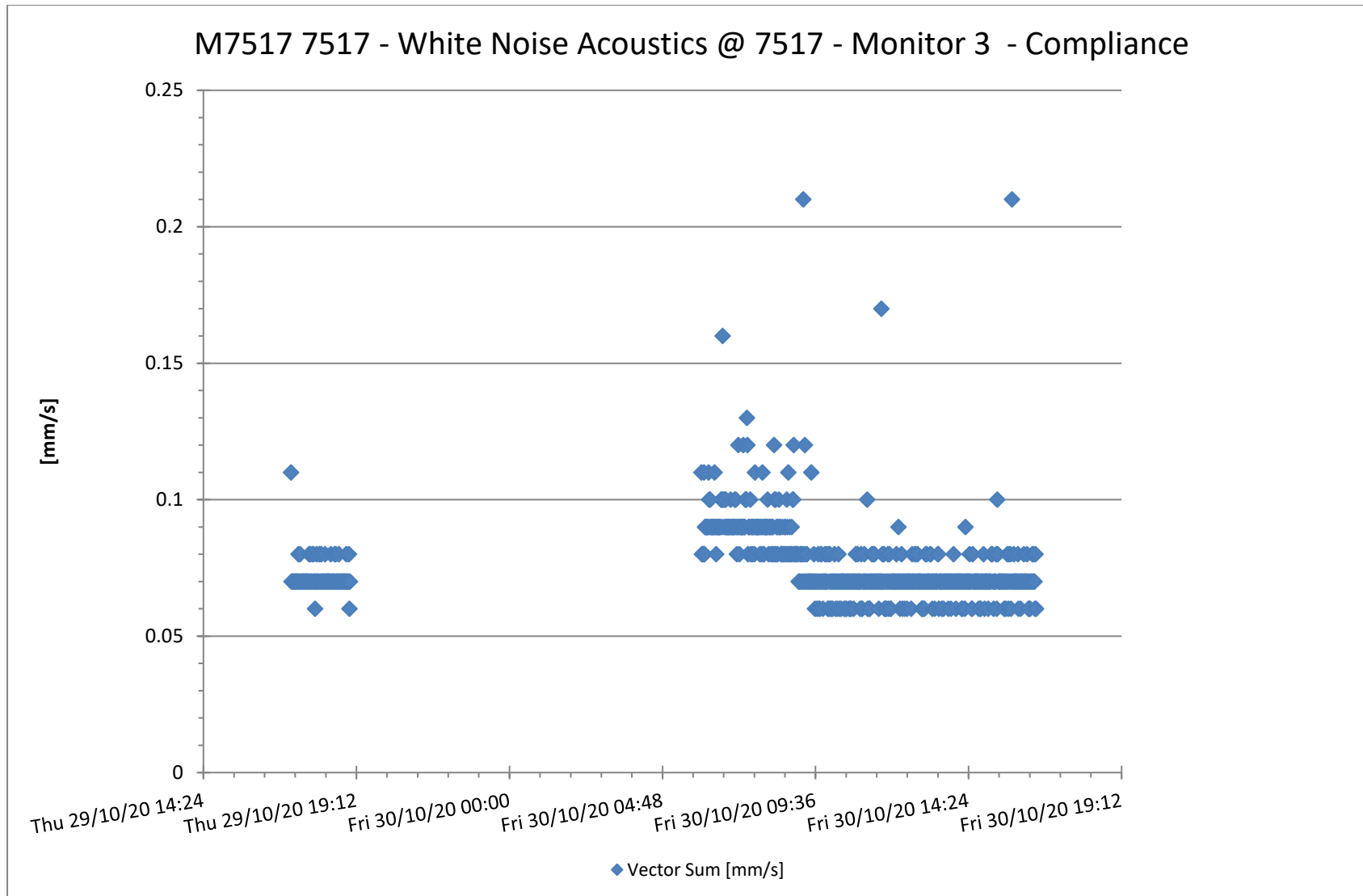
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



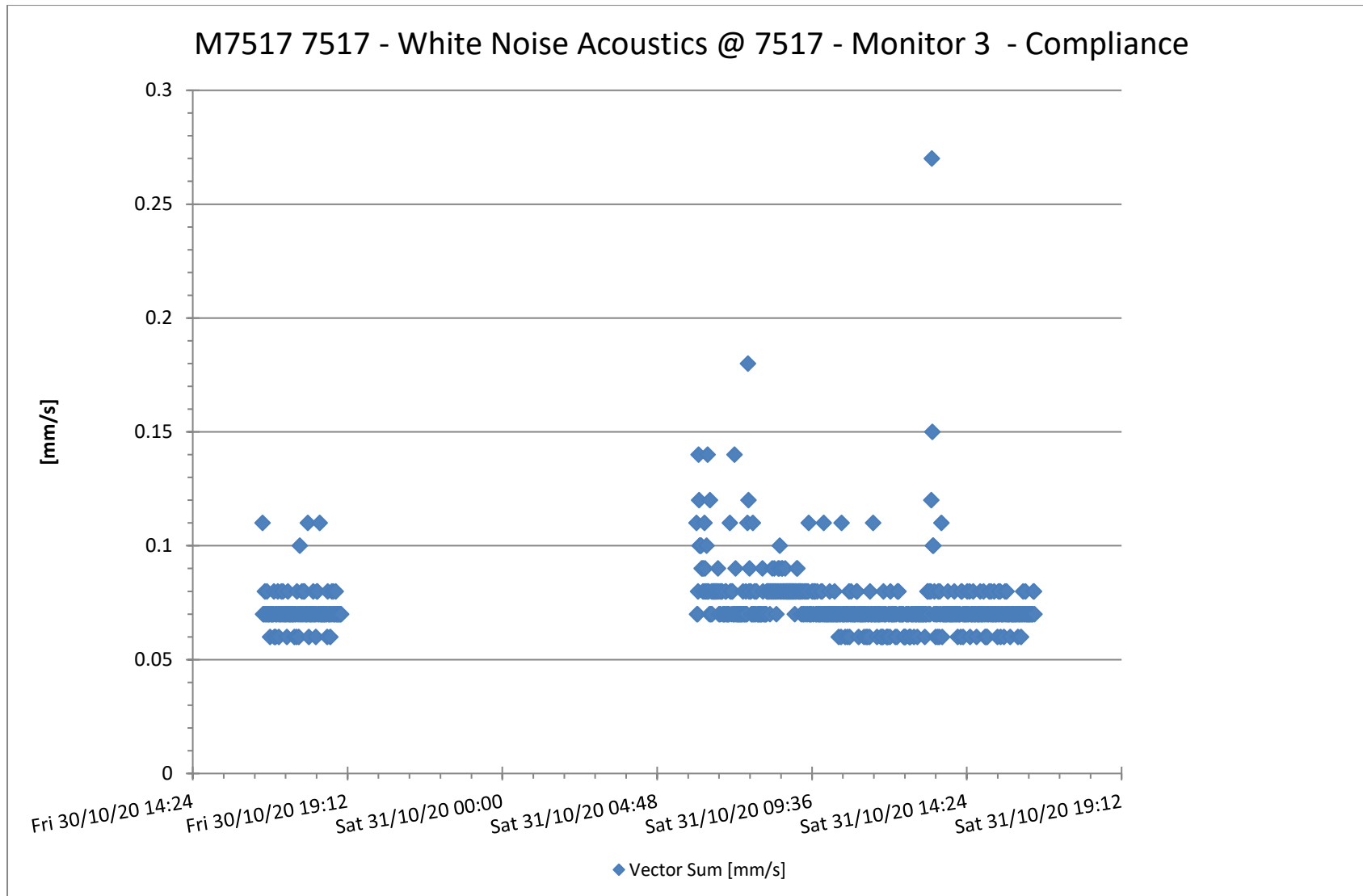
M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



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

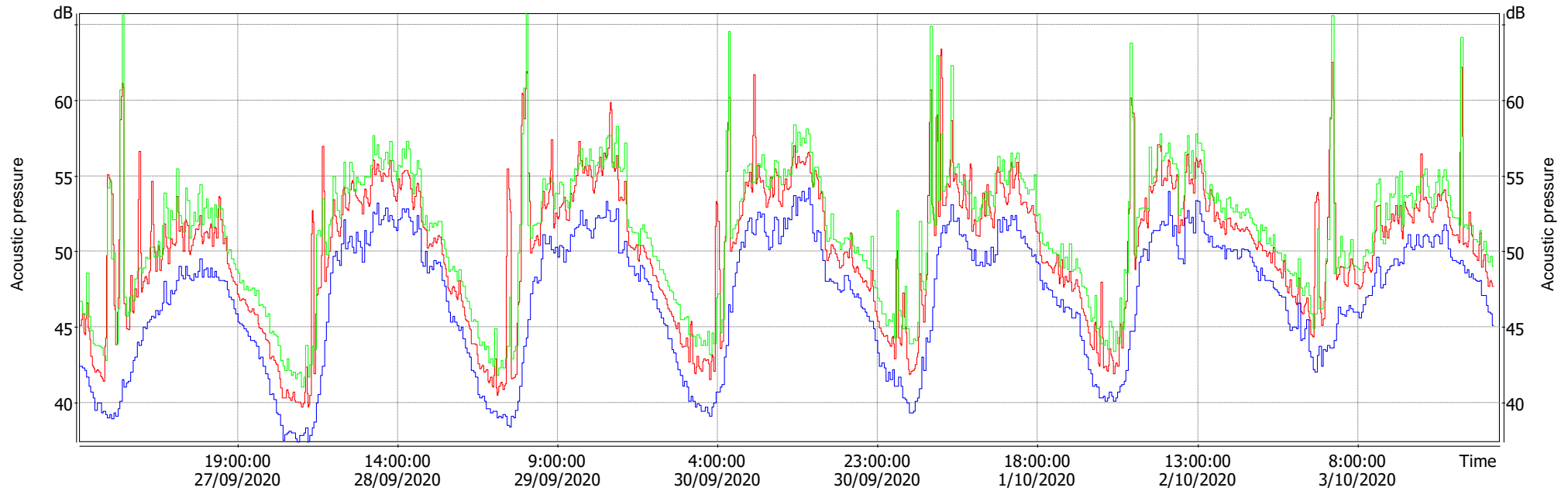


M7517 7517 - White Noise Acoustics @ 7517 - Monitor 3 - Compliance



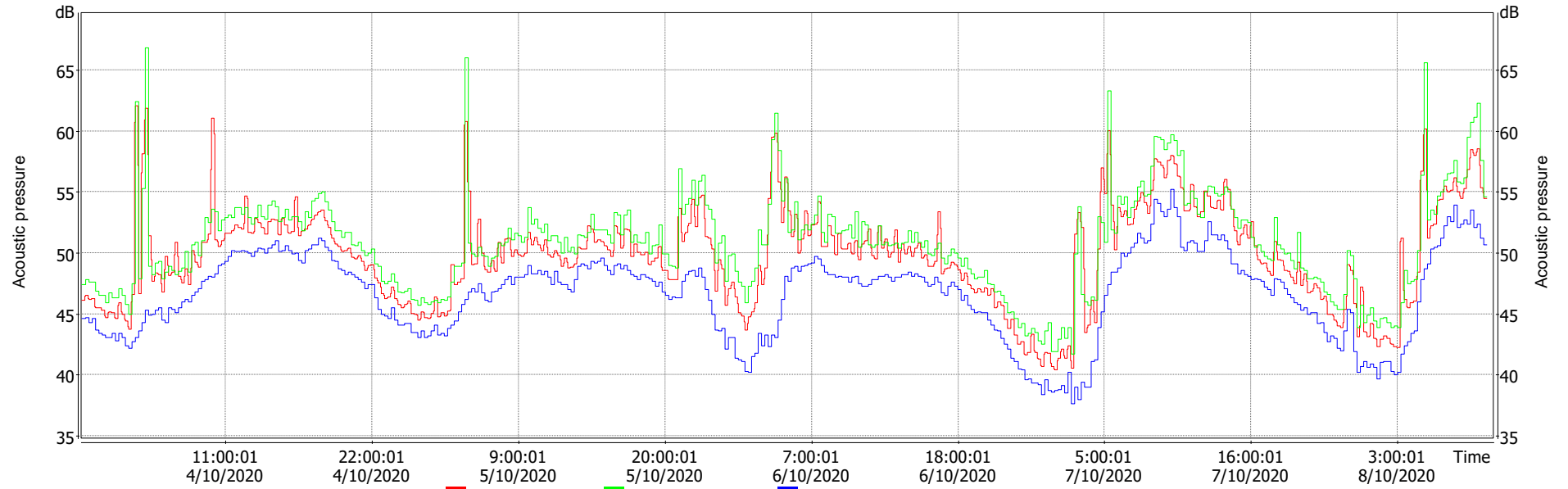
12 Appendix F – Noise Logger Location 1 – Art Gallery

Logger results, logger step = 05:57



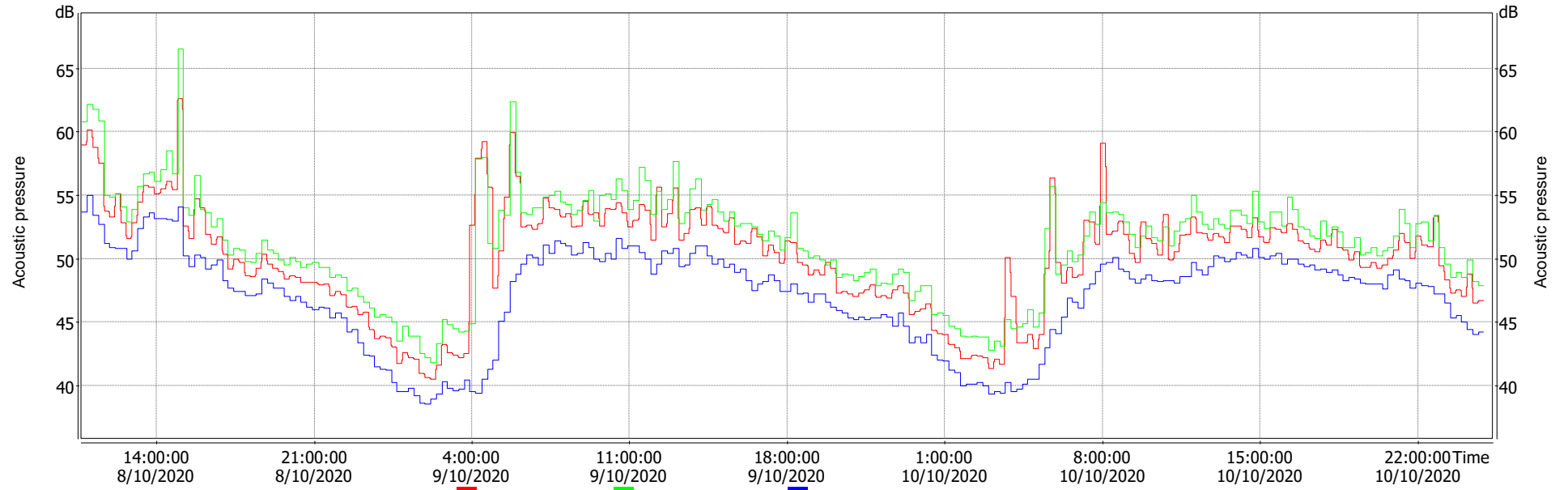
Info	Start	Duration	LAeq (SR) [dB]	LAeq Ln L10 [dB]	LAeq Ln L90 [dB]
	-	-	P1 (A, Lin)	P1 (A, Lin)	P1 (A, Lin)
Main cursor	27/09/2020 0:28:00.600	-	45.5	46.7	42.4

Logger results, logger step = 03:44



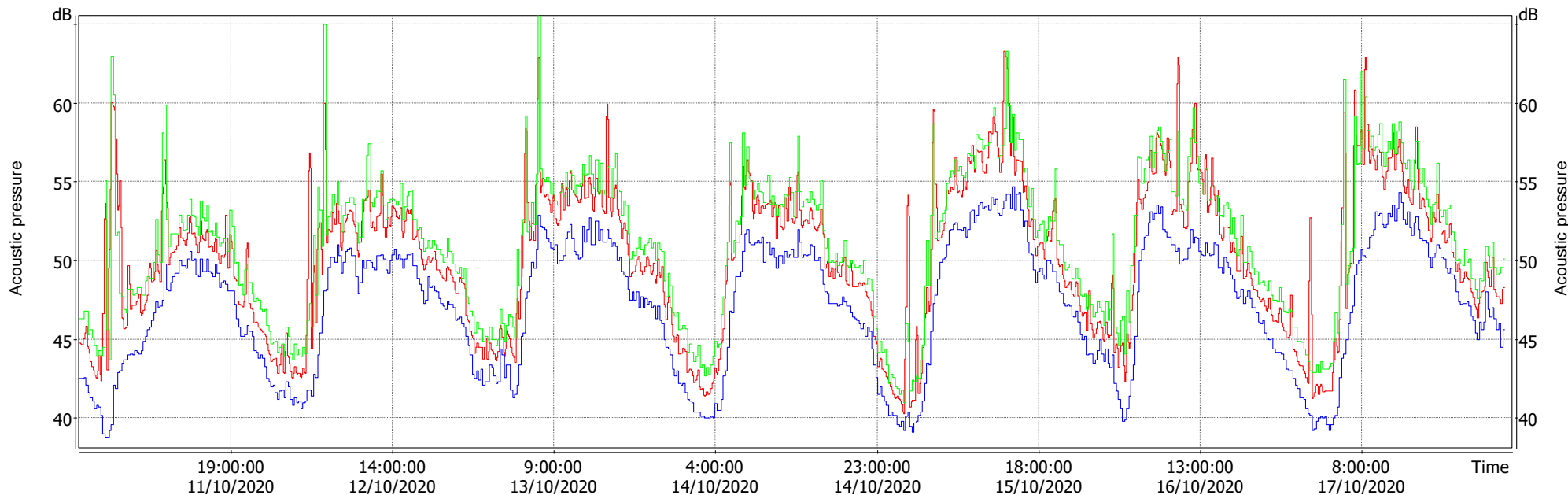
Info	Start	Duration	LAeq (SR) [dB]	LAeq Ln L10 [dB]	LAeq Ln L90 [dB]
	-	-	P1 (A, Lin)	P1 (A, Lin)	P1 (A, Lin)
Main cursor	4/10/2020 0:14:46.500	-	46.1	47.4	44.6

Logger results, logger step = 02:13



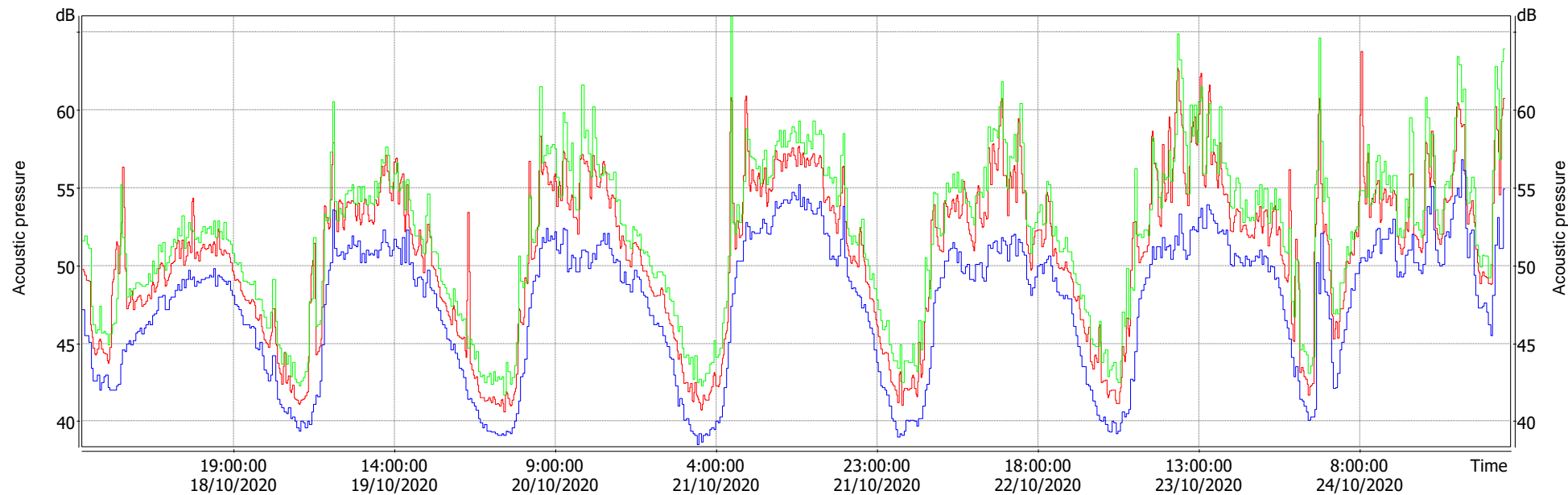
Info	Start	Duration	LAeq (SR) [dB]	LAeq Ln L10 [dB]	LAeq Ln L90 [dB]
	-	-	P1 (A, Lin)	P1 (A, Lin)	P1 (A, Lin)
Main cursor	8/10/2020 10:43:40.300	-	59.0	60.8	53.7

Logger results, logger step = 05:57



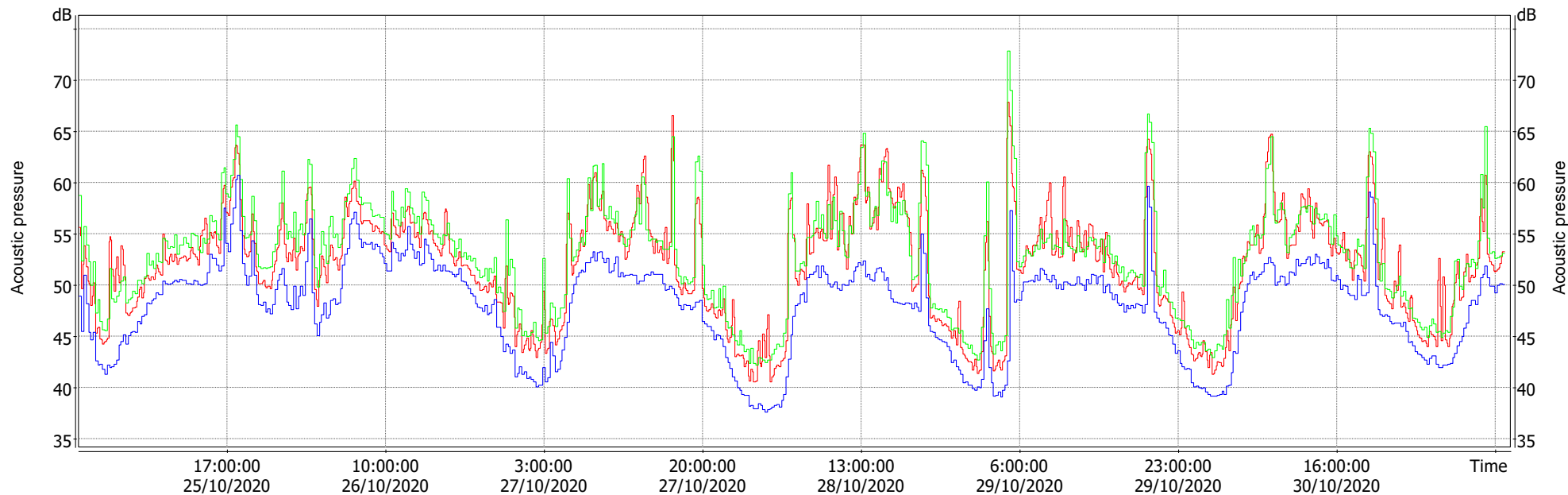
Info	Start	Duration	L_Aeq (SR) [dB]	L_Aeq Ln L10 [dB]	L_Aeq Ln L90 [dB]
	-	-	P1 (A, Lin)	P1 (A, Lin)	P1 (A, Lin)
Main cursor	11/10/2020 1:09:49.200	-	44.8	46.3	42.5

Logger results, logger step = 05:57



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	18/10/2020 1:09:09.800	-	49.8	51.6	47.2

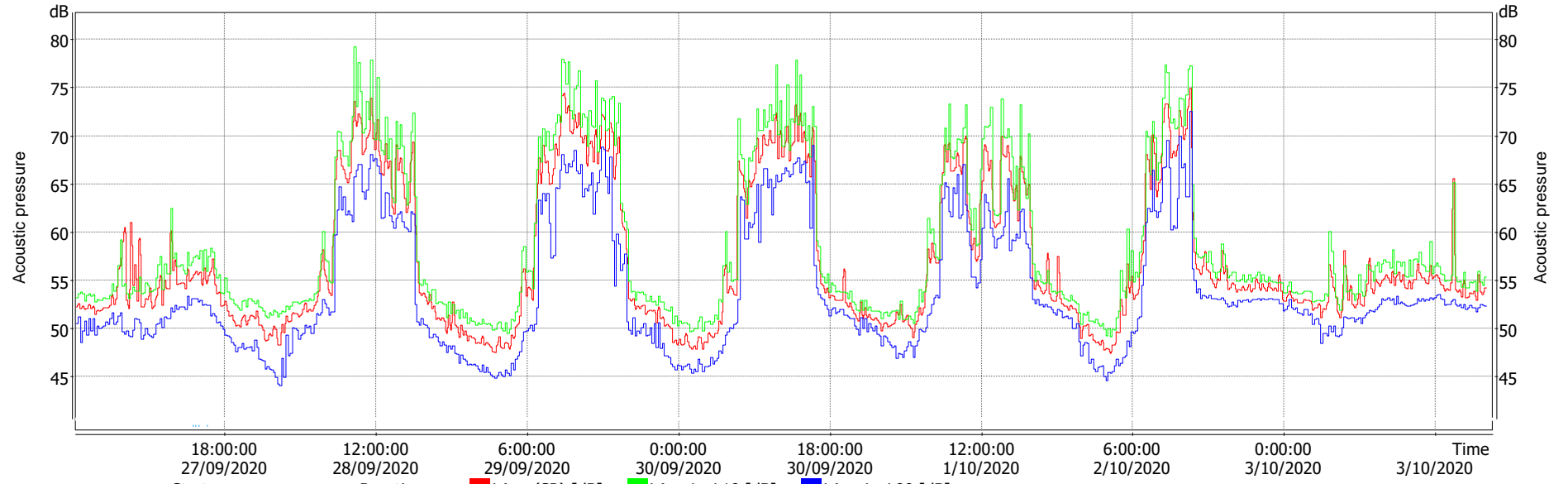
Logger results, logger step = 05:24



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	25/10/2020 1:10:15	-	55.6	58.8	48.9

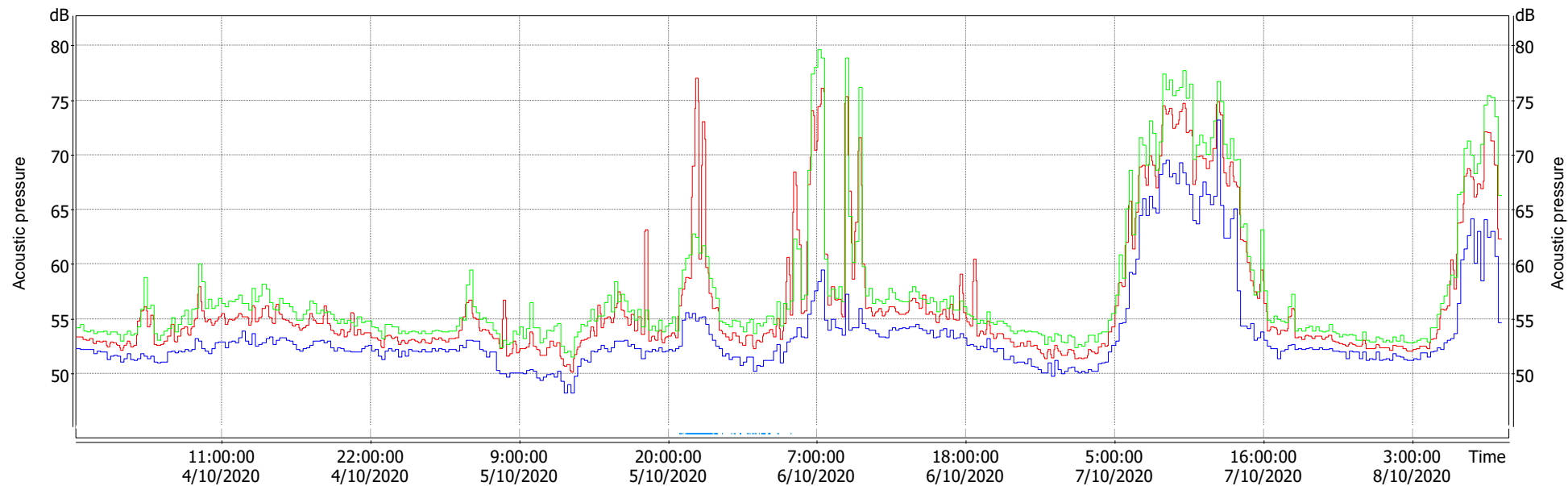
13 Appendix G – Noise Logger Location 2 – To the North East

Logger results, logger step = 05:55



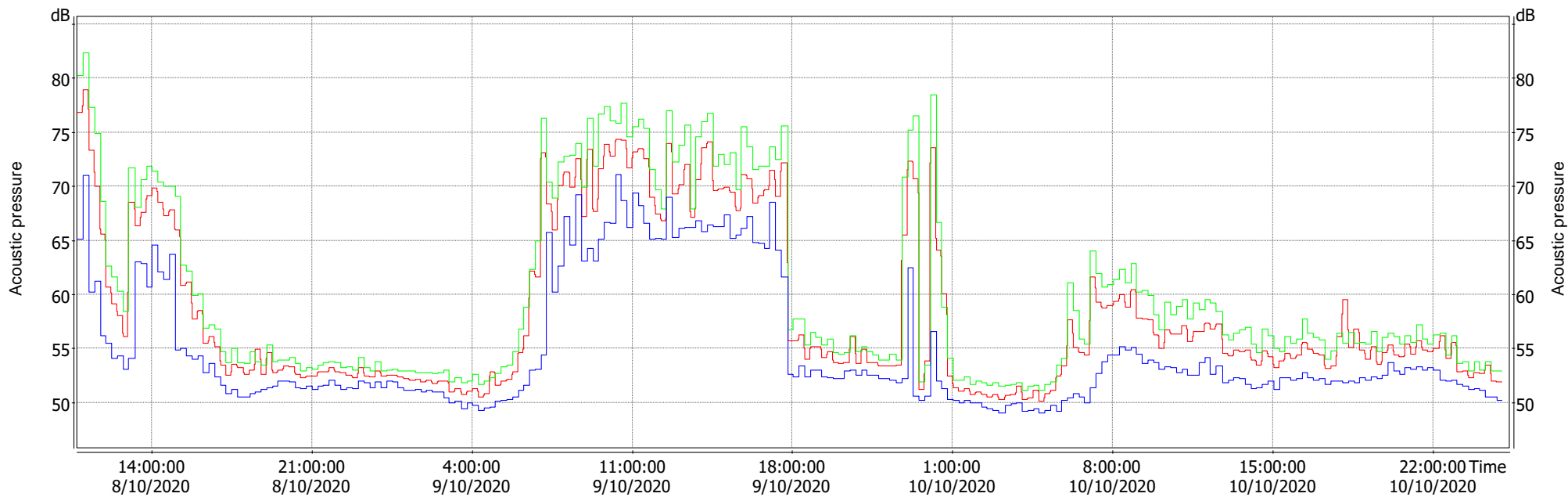
Info	Start	Duration	LAeq (SR) [dB]	LAeq Ln L10 [dB]	LAeq Ln L90 [dB]
	-	-	P1 (A, Lin)	P1 (A, Lin)	P1 (A, Lin)
Main cursor	27/09/2020 0:20:55	-	52.3	53.2	50.5
Overload (TH)	27/09/2020 14:18:17	00:00:07.000	-	-	-

Logger results, logger step = 03:43



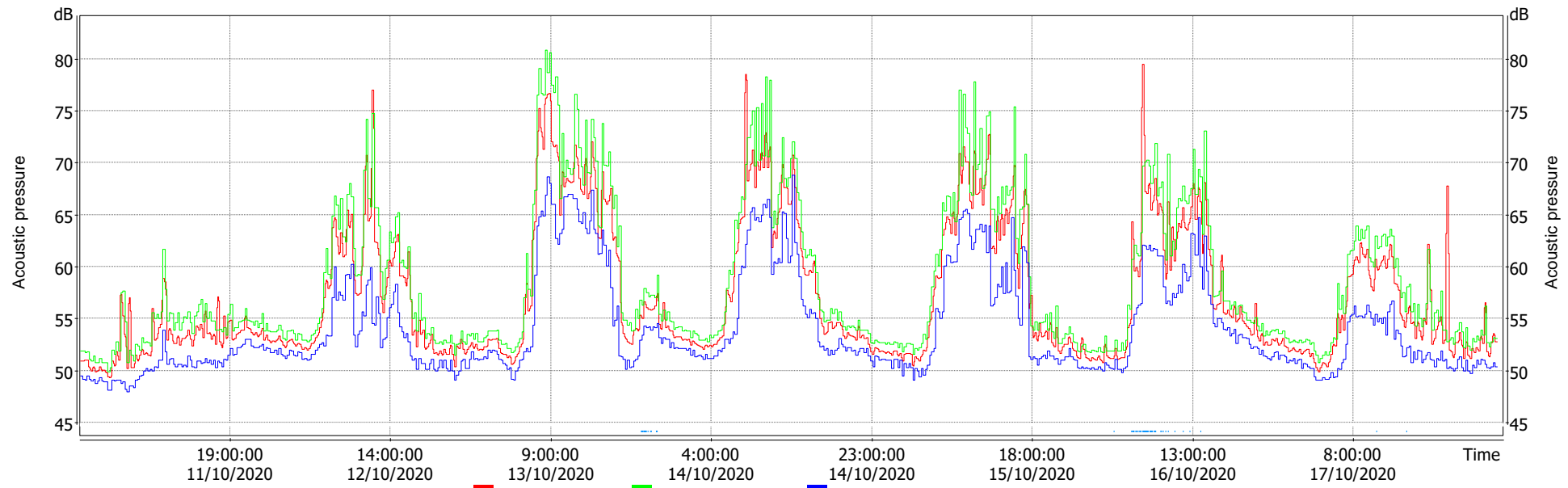
Info	Start	Duration	LAeq (SR) [dB]	LAeq Ln L10 [dB]	LAeq Ln L90 [dB]
	-	-	P1 (A, Lin)	P1 (A, Lin)	P1 (A, Lin)
Main cursor	4/10/2020 0:18:43	-	53.4	54.2	52.3
Overload (TH)	5/10/2020 20:54:32	00:06:19.000	-	-	-

Logger results, logger step = 02:13



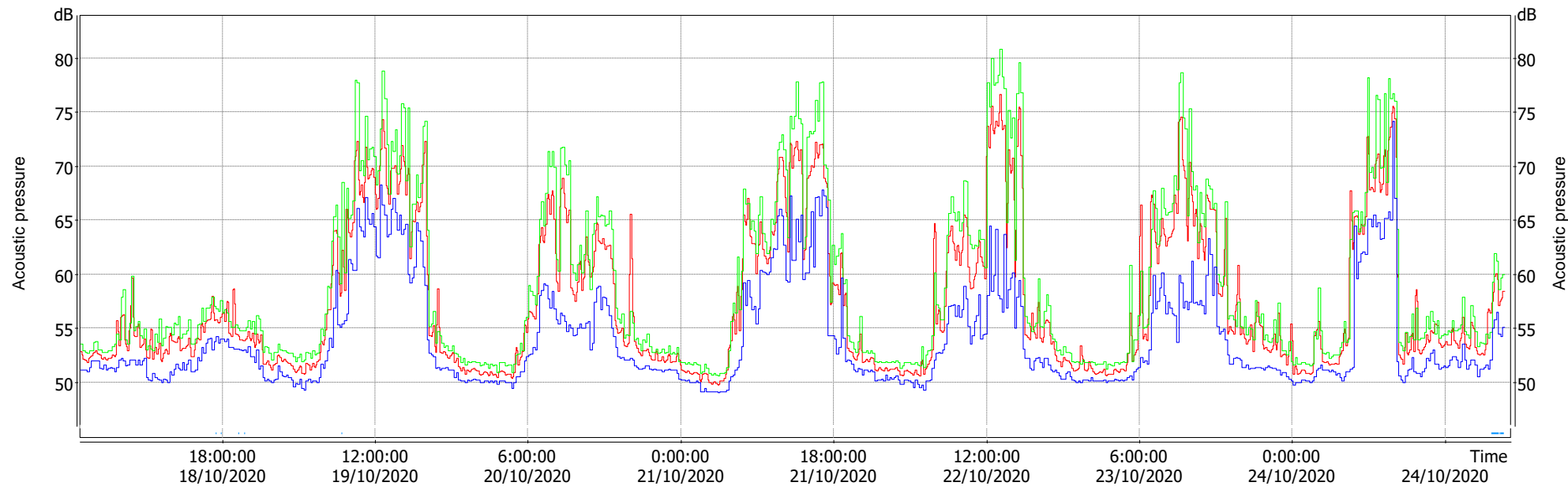
Info	Start	Duration	LAeq (SR) [dB]	LAeq Ln L10 [dB]	LAeq Ln L90 [dB]
	-	-	P1 (A, Lin)	P1 (A, Lin)	P1 (A, Lin)
Main cursor	8/10/2020 10:49:24	-	76.8	80.3	65.1

Logger results, logger step = 05:56



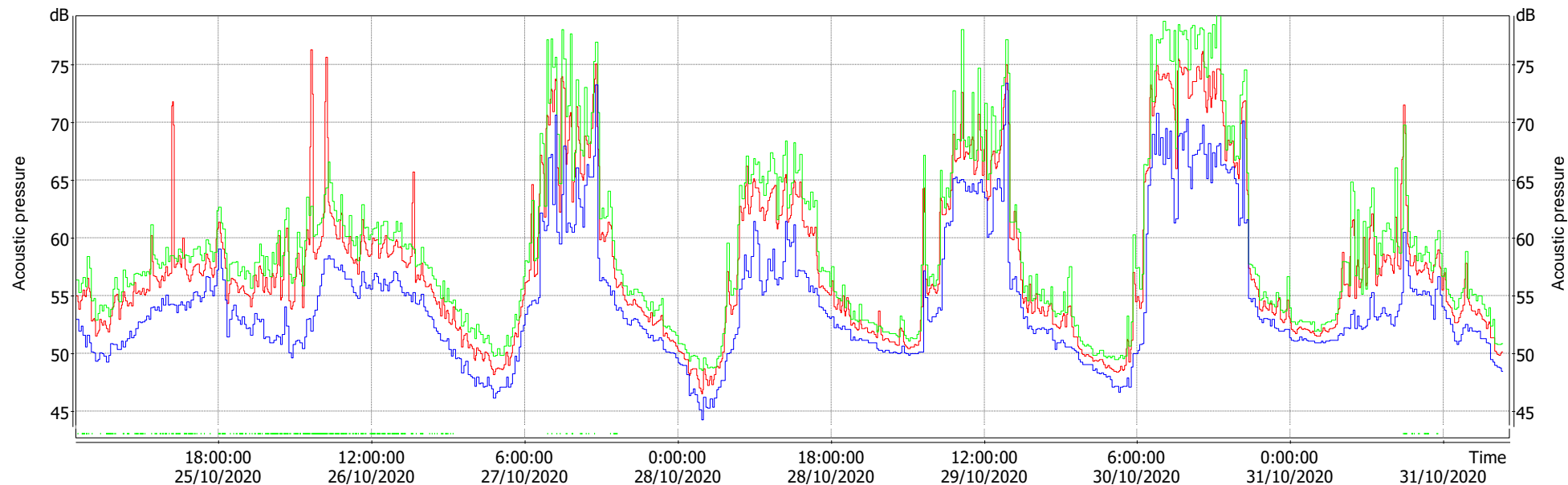
Info	Start	Duration	LAeq (SR) [dB]	LAeq Ln L10 [dB]	LAeq Ln L90 [dB]
Main cursor	11/10/2020 1:20:56	-	50.9	51.9	49.5
Overload (TH)	13/10/2020 19:42:26	00:02:24.000	-	-	-

Logger results, logger step = 05:56



Info	Start	Duration	LAeq (SR) [dB]	LAeq Ln L10 [dB]	LAeq Ln L90 [dB]
Main cursor	18/10/2020 1:20:56	-	P1 (A, Lin) 52.9	P1 (A, Lin) 53.5	P1 (A, Lin) 51.1
Overload (TH)	18/10/2020 17:21:39	00:01:21.000	-	-	-

Logger results, logger step = 05:55



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	25/10/2020 1:20:55	-	55.0	56.4	53.0
Overload (TH)	25/10/2020 1:31:50	00:16:54.000	-	-	-