

Noise Exceedances:

There continues to be numerous noise level exceedances at all hours of the day and all days of the week. Mic1 recorded the highest noise levels of any location which were highest after working hours and on weekends. In addition, Mic1, Mic2, Mic3, and Mic5 were similar to one another with about 39% of the exceedances coming outside of working hours. Mic4 had 25% of its exceedances outside of working hours.

Vibration Exceedances:

There were no vibration exceedances in the month of September 2023.

Air Quality/Dust Monitoring Exceedances:

There were no air quality exceedances in the month of September 2023.



Monitoring Report

WMATA Bus Garage Monthly Report

September 2023

VM1-MIC		
	Exceedance	Percentage
Work hours	642	60.97%
After hours	123	11.68%
Weekends	288	27.35%
Total	1053	100%

	Work hours	After hours	Weekends
Lmax	112.1	115.7	109.1
Lmin	74	61.9	69.3
L10	86	76	76
L90	76	66	71
Leq	81.8	83.9	80.8

VM2-MIC		
	Exceedance	Percentage
Work hours	152	61.54%
After hours	29	11.74%
Weekends	66	26.72%
Total	247	100%

	Work hours	After hours	Weekends
Lmax	116	111	116.5
Lmin	64.9	45.2	50.1
L10	77	66	72
L90	69	49	56
Leq	77.4	72.8	78.4

VM3-MIC		
	Exceedance	Percentage
Work hours	356	61.70%
After hours	93	16.12%
Weekends	128	22.18%
Total	577	100%

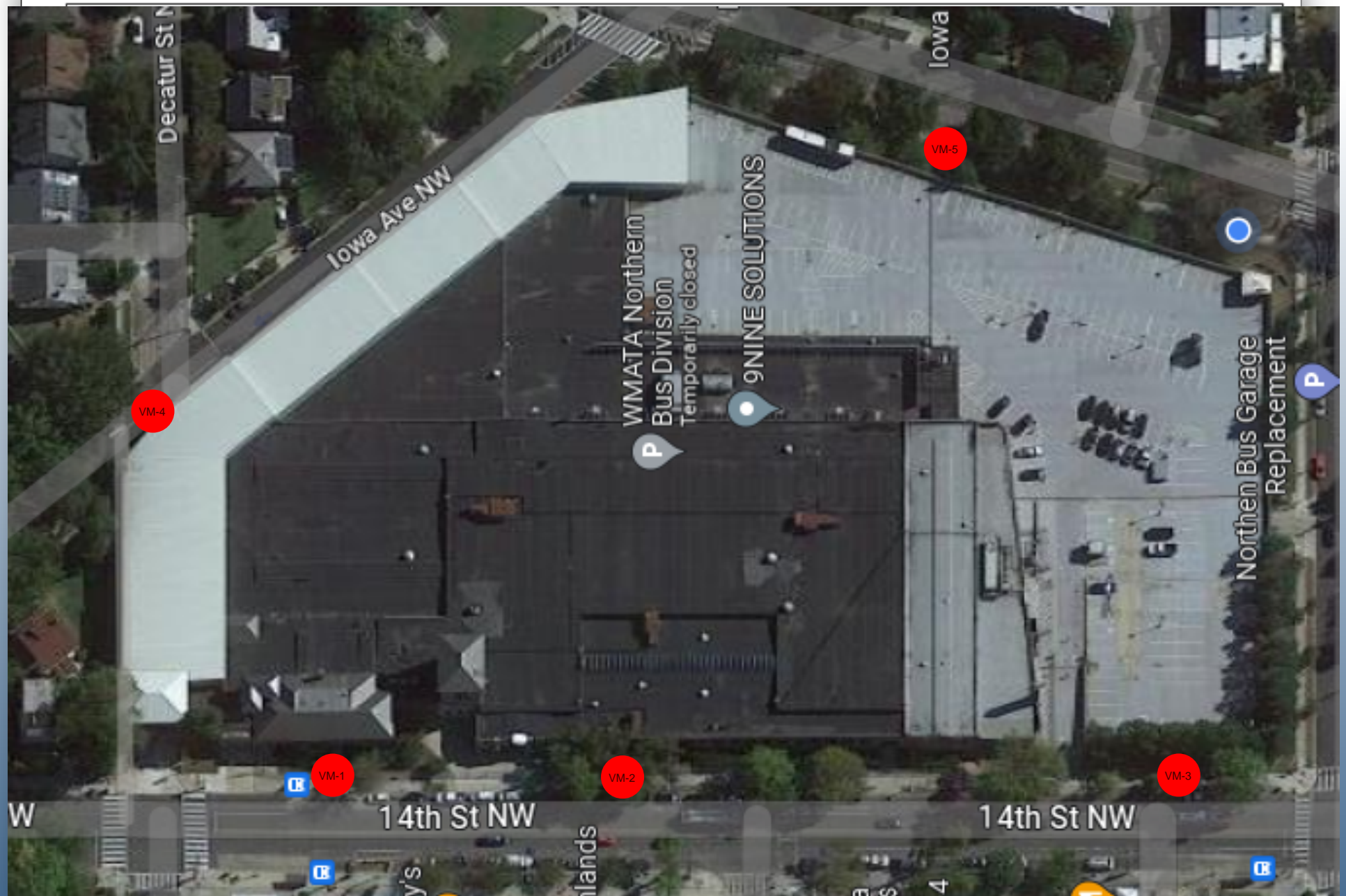
	Work hours	After hours	Weekends
Lmax	109.3	111.5	110.8
Lmin	65.3	56.5	57.6
L10	77	73	75
L90	70	62	63
Leq	79.5	80.7	80.4

VM4-MIC		
	Exceedance	Percentage
Work hours	59	76.62%
After hours	9	11.69%
Weekends	9	11.69%
Total	77	100%

	Work hours	After hours	Weekends
Lmax	102.6	95.5	92.6
Lmin	60	53.8	53.4
L10	70	72	72
L90	65	63	58
Leq	77.5	70.6	69

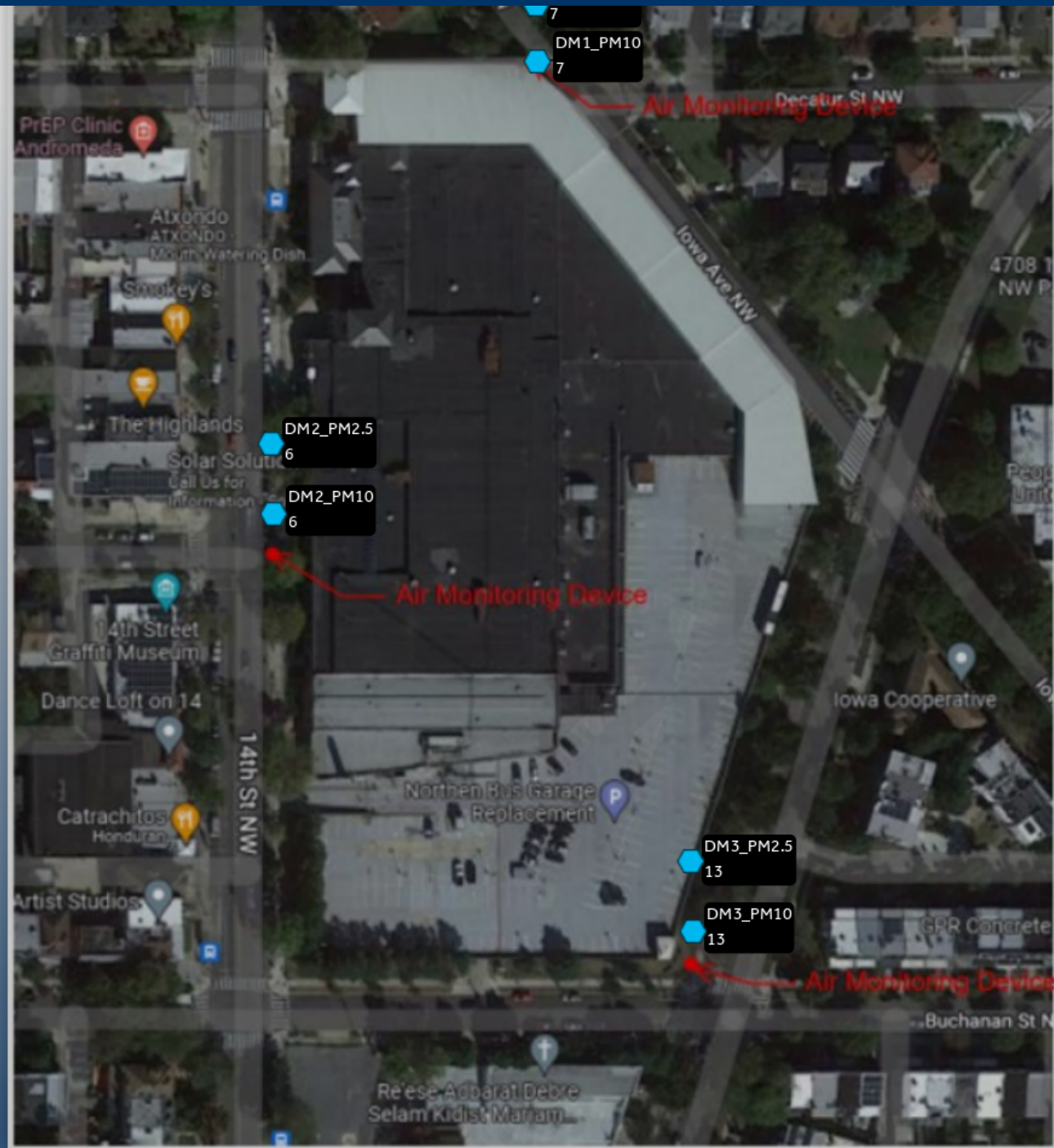
VM5-MIC		
	Exceedance	Percentage
Work hours	156	62.40%
After hours	35	14.00%
Weekends	59	23.60%
Total	250	100%

	Work hours	After hours	Weekends
Lmax	111	104.9	109.8
Lmin	68.6	54.9	53.2
L10	77	68	74
L90	70	57	62
Leq	79.2	73.6	81

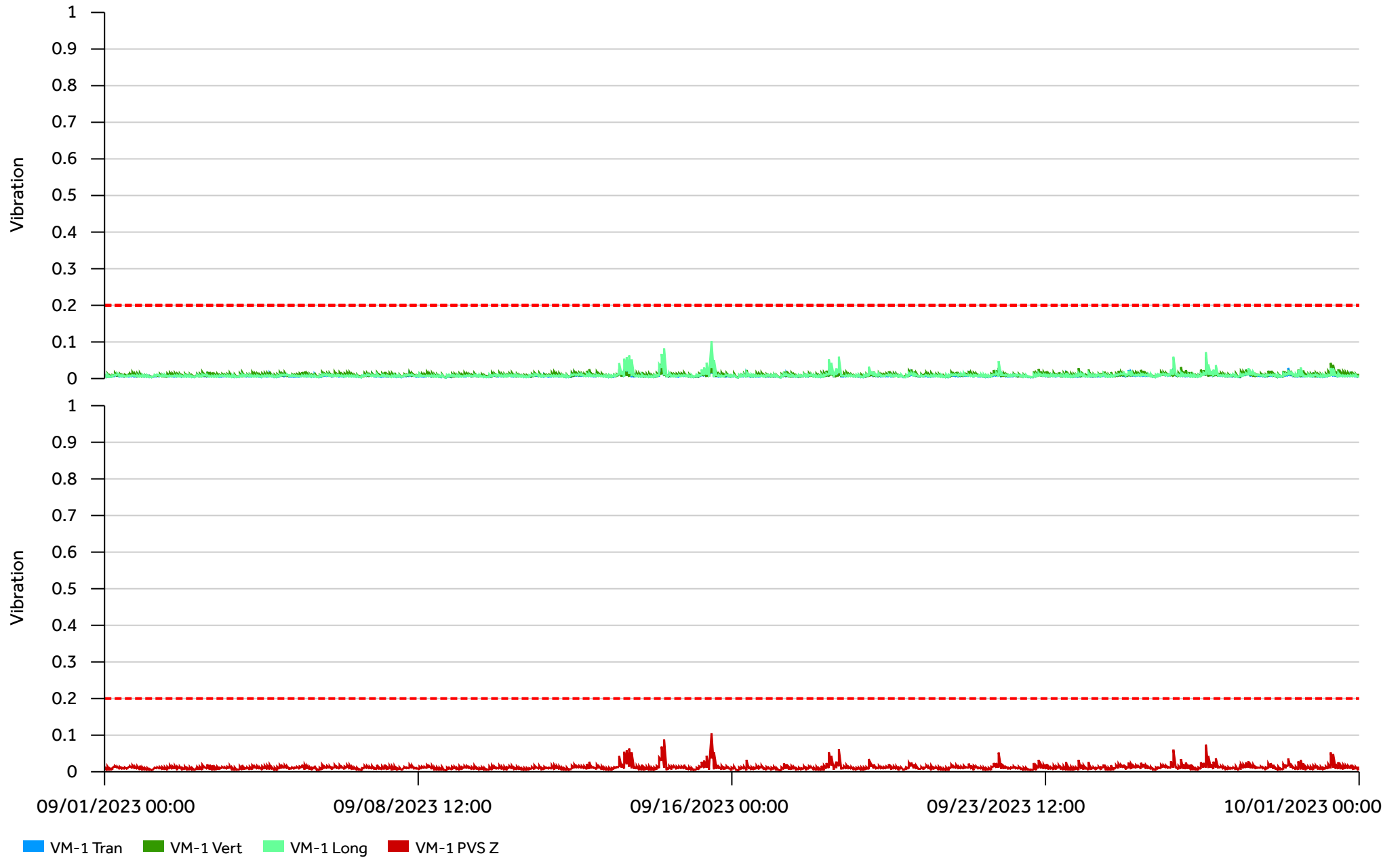


Air Monitor

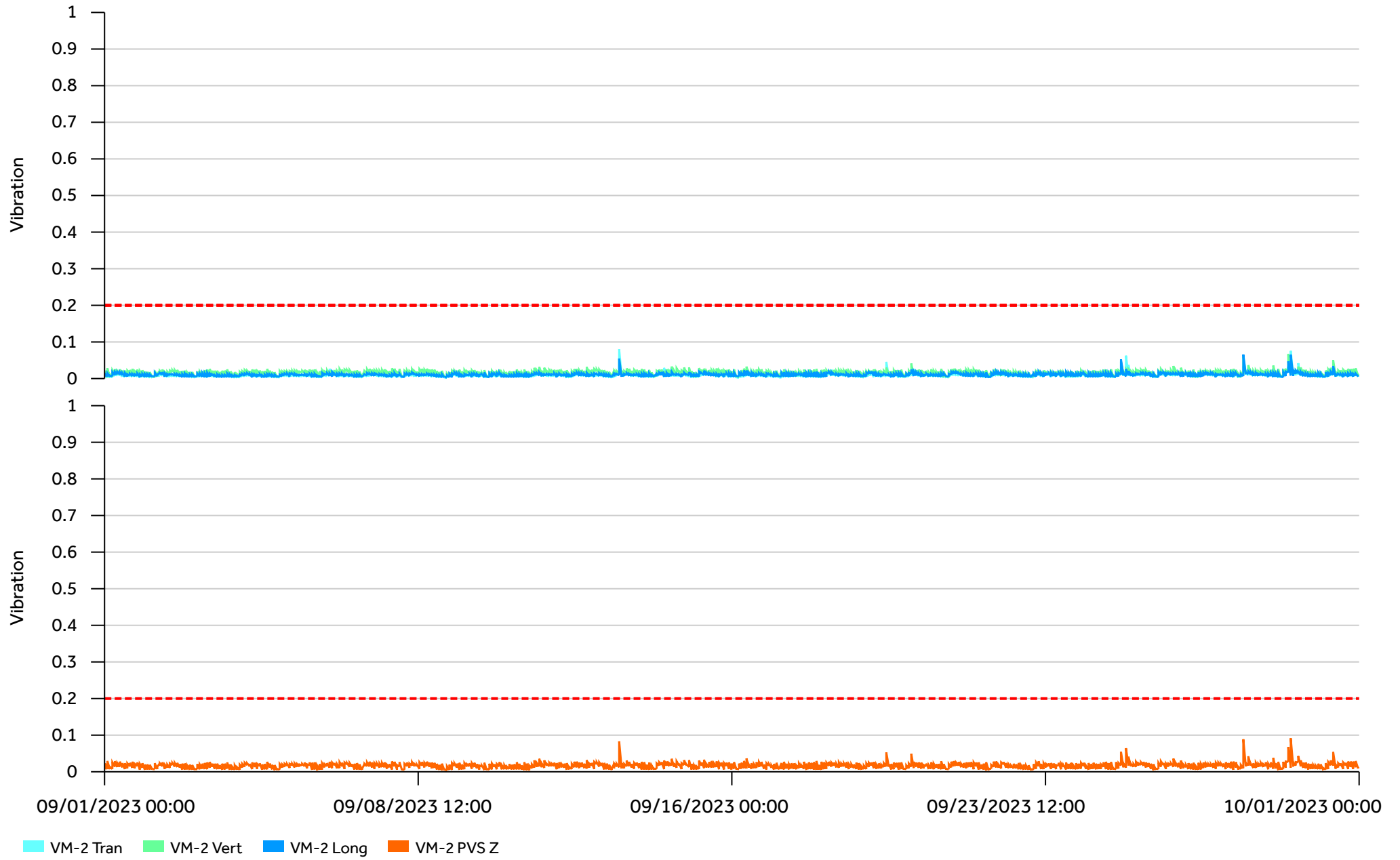
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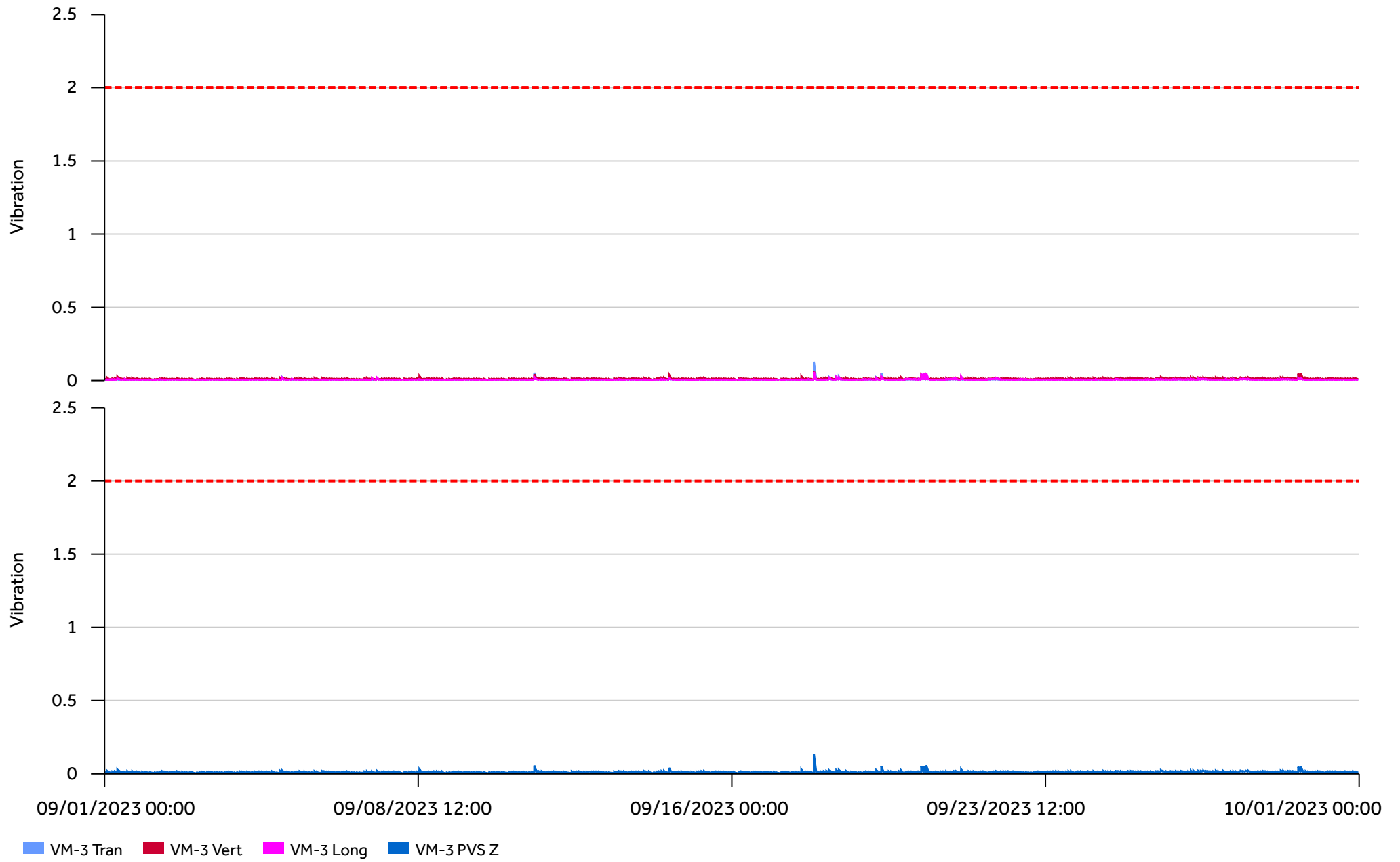
VM-1 - Vibration Monitor



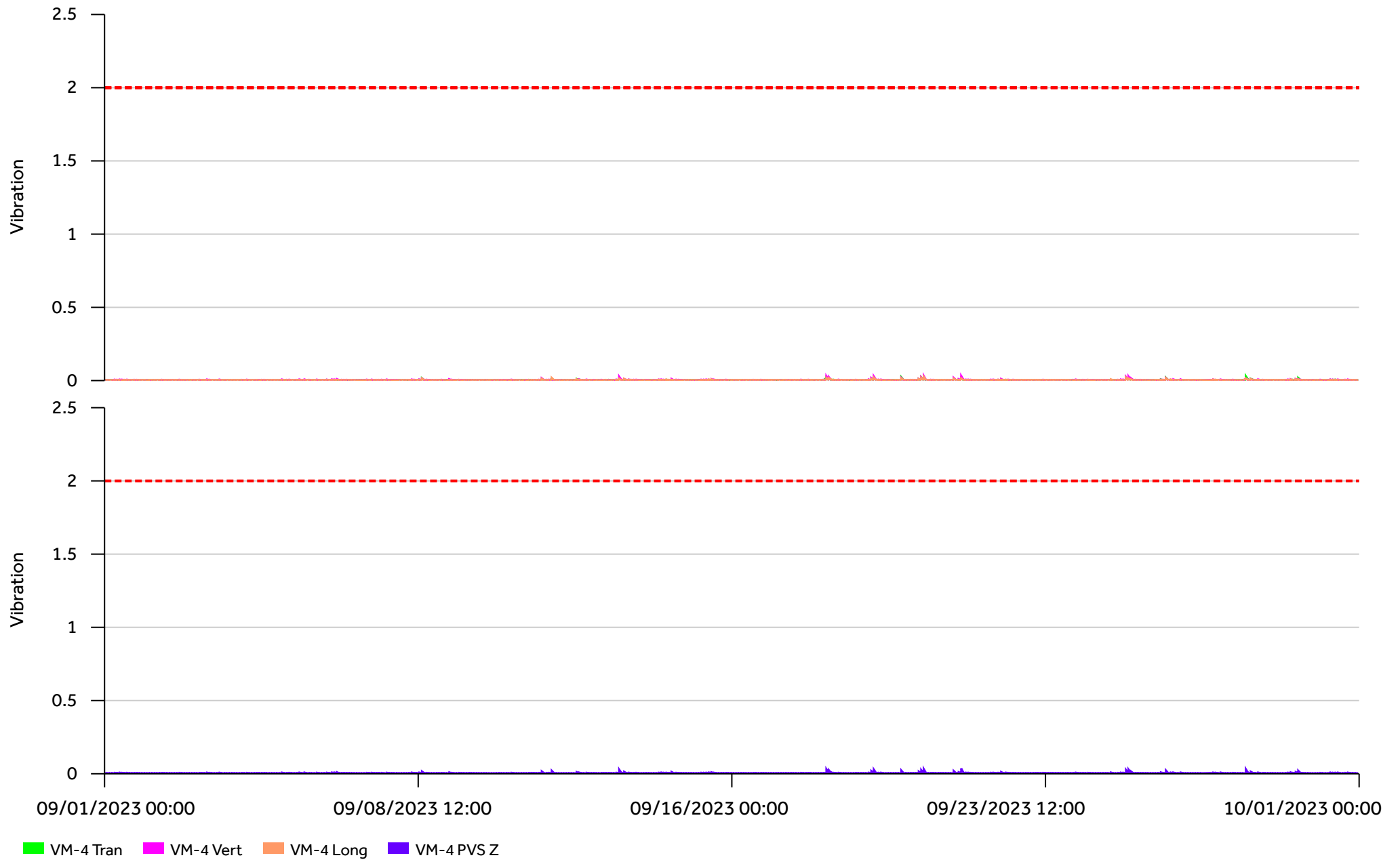
VM-2- Vibration Monitor



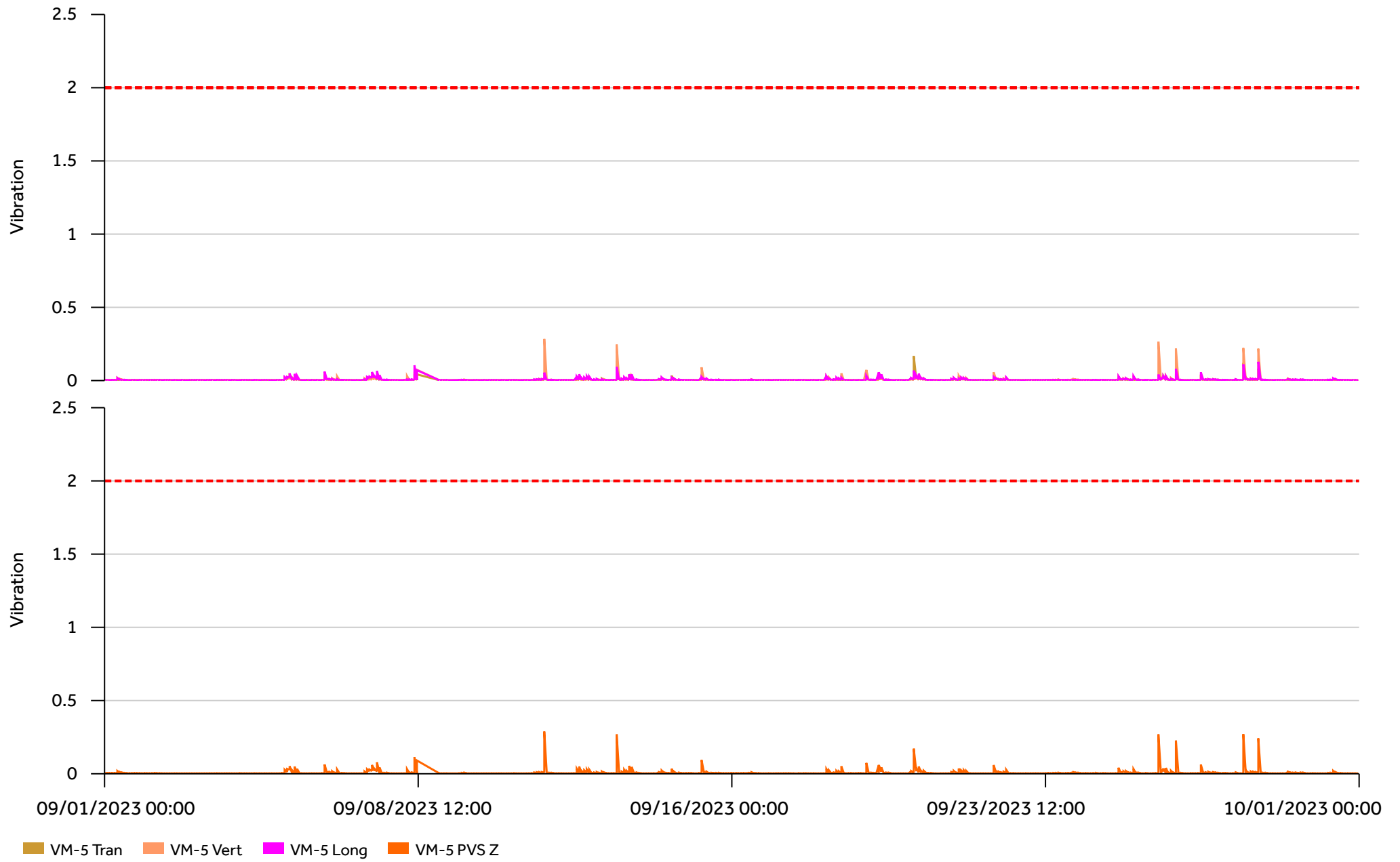
VM-3- Vibration Monitor



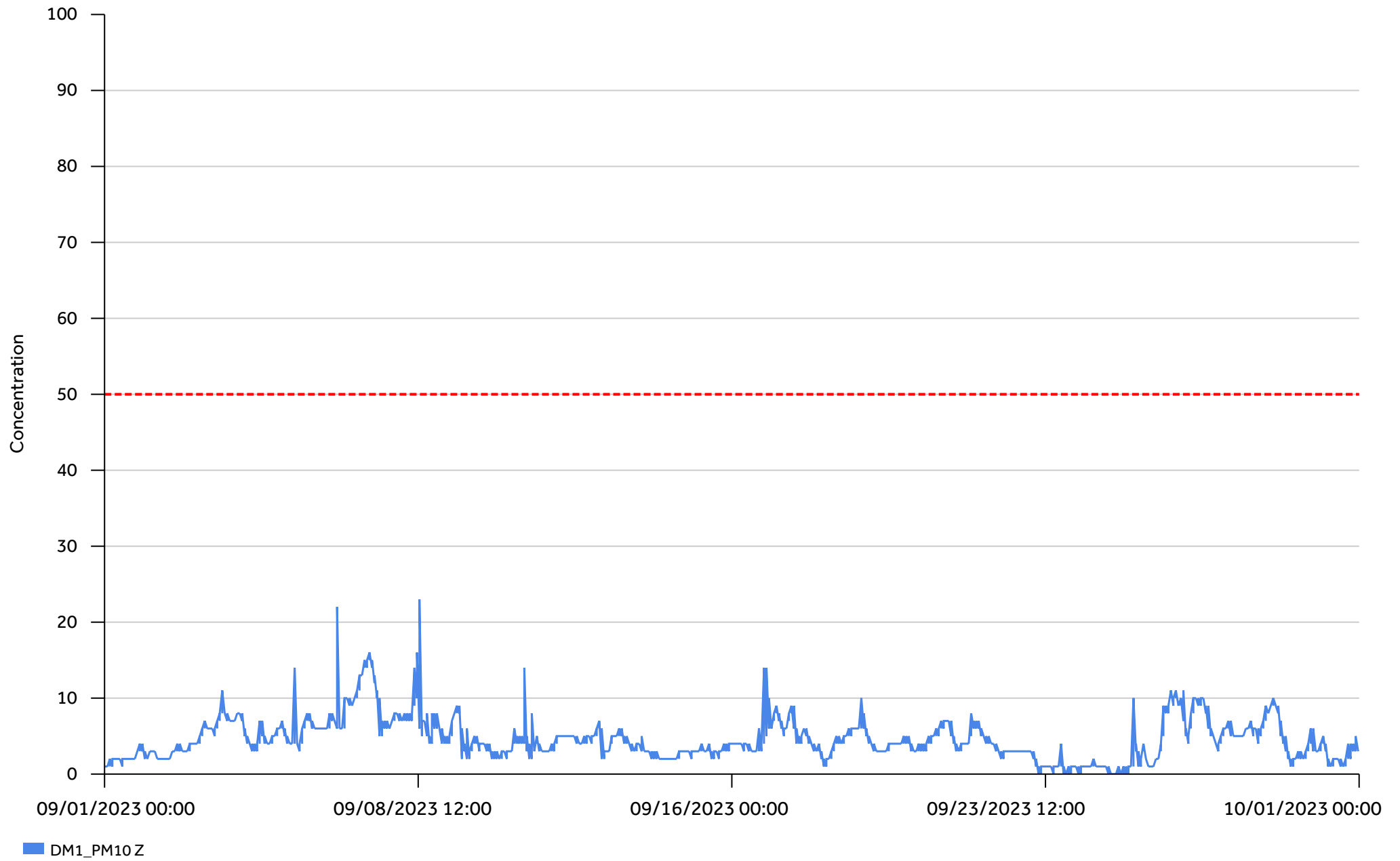
VM-4- Vibration Monitor



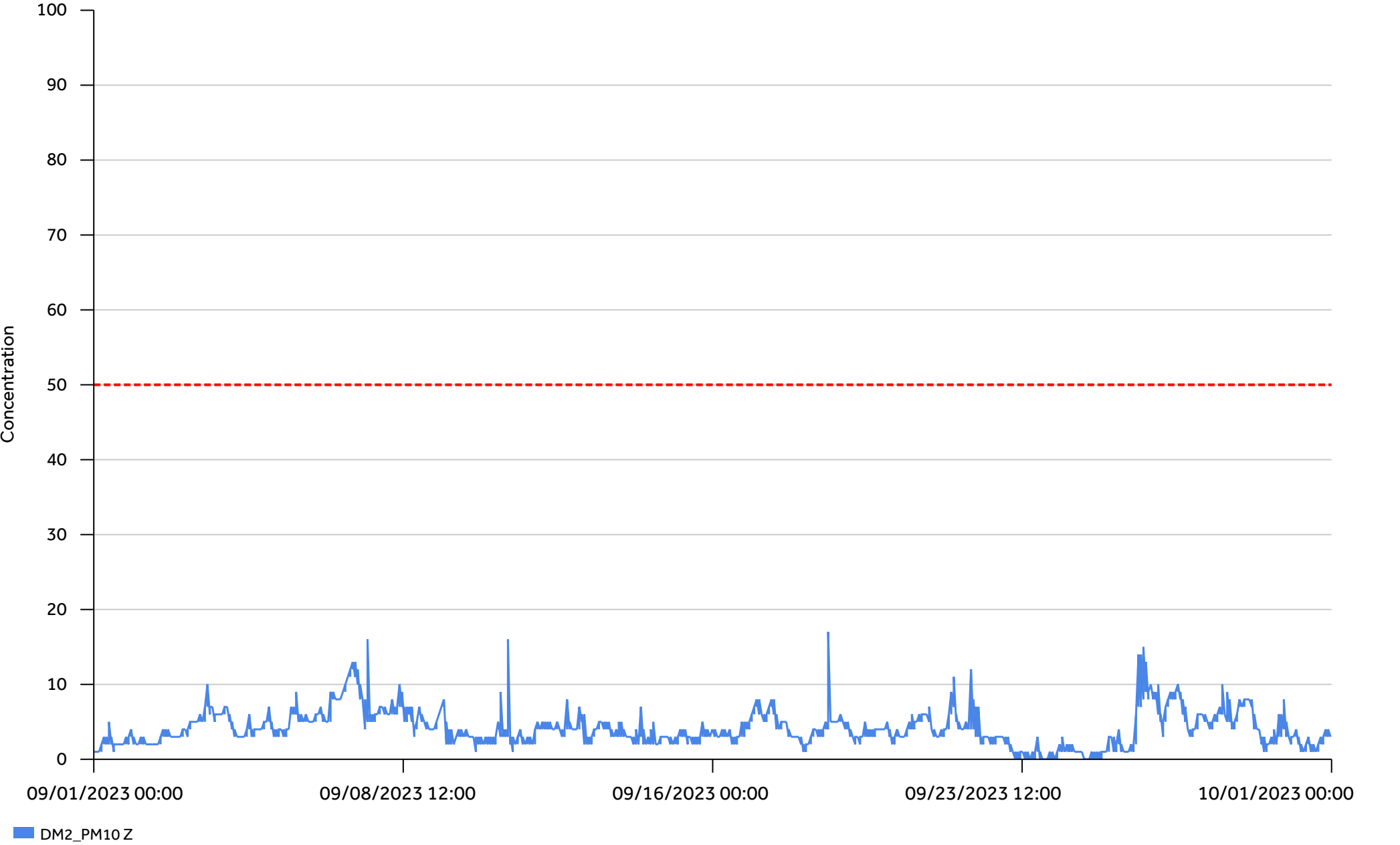
VM-5- Vibration Monitor



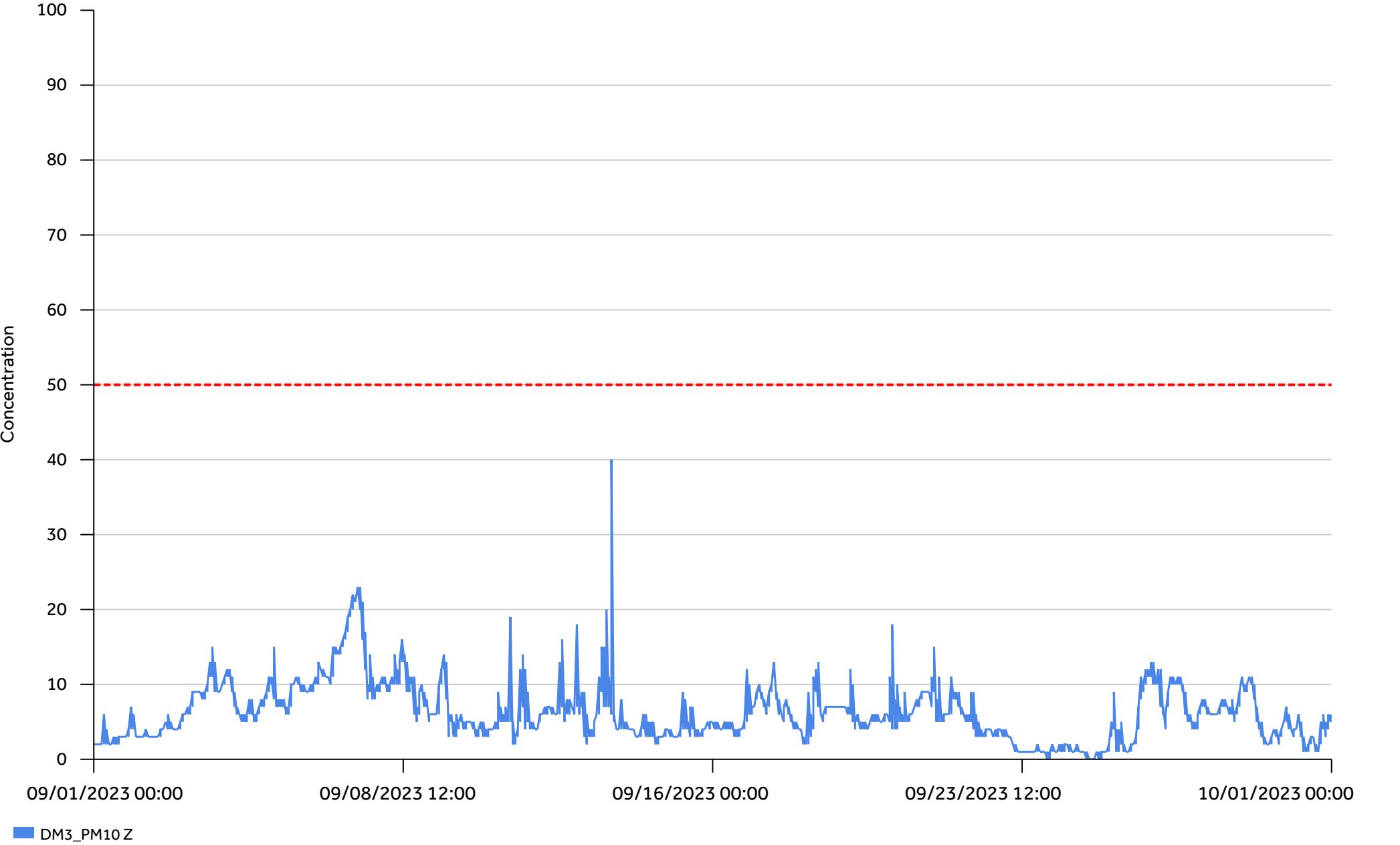
DM1 - PM10



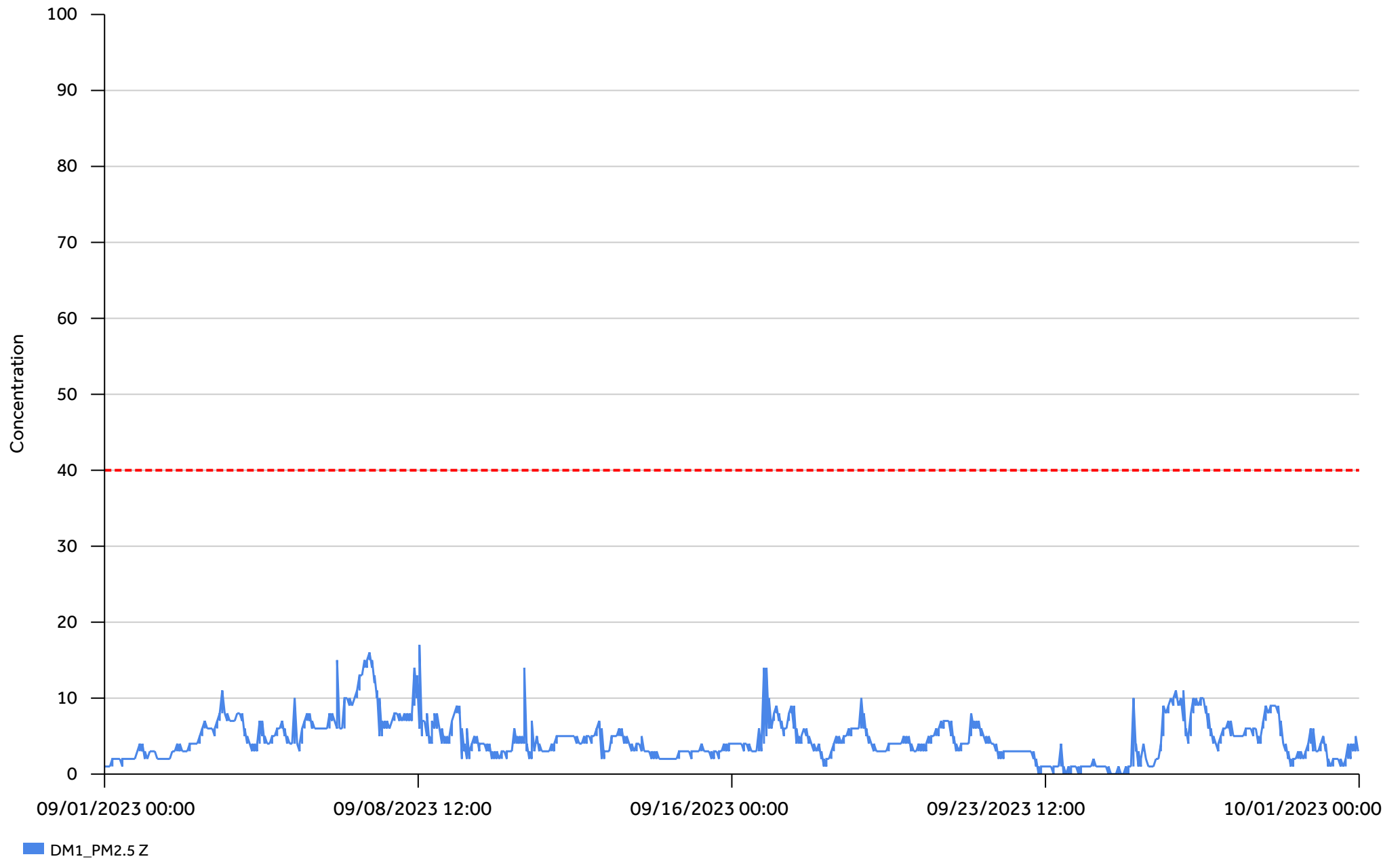
DM2-PM10



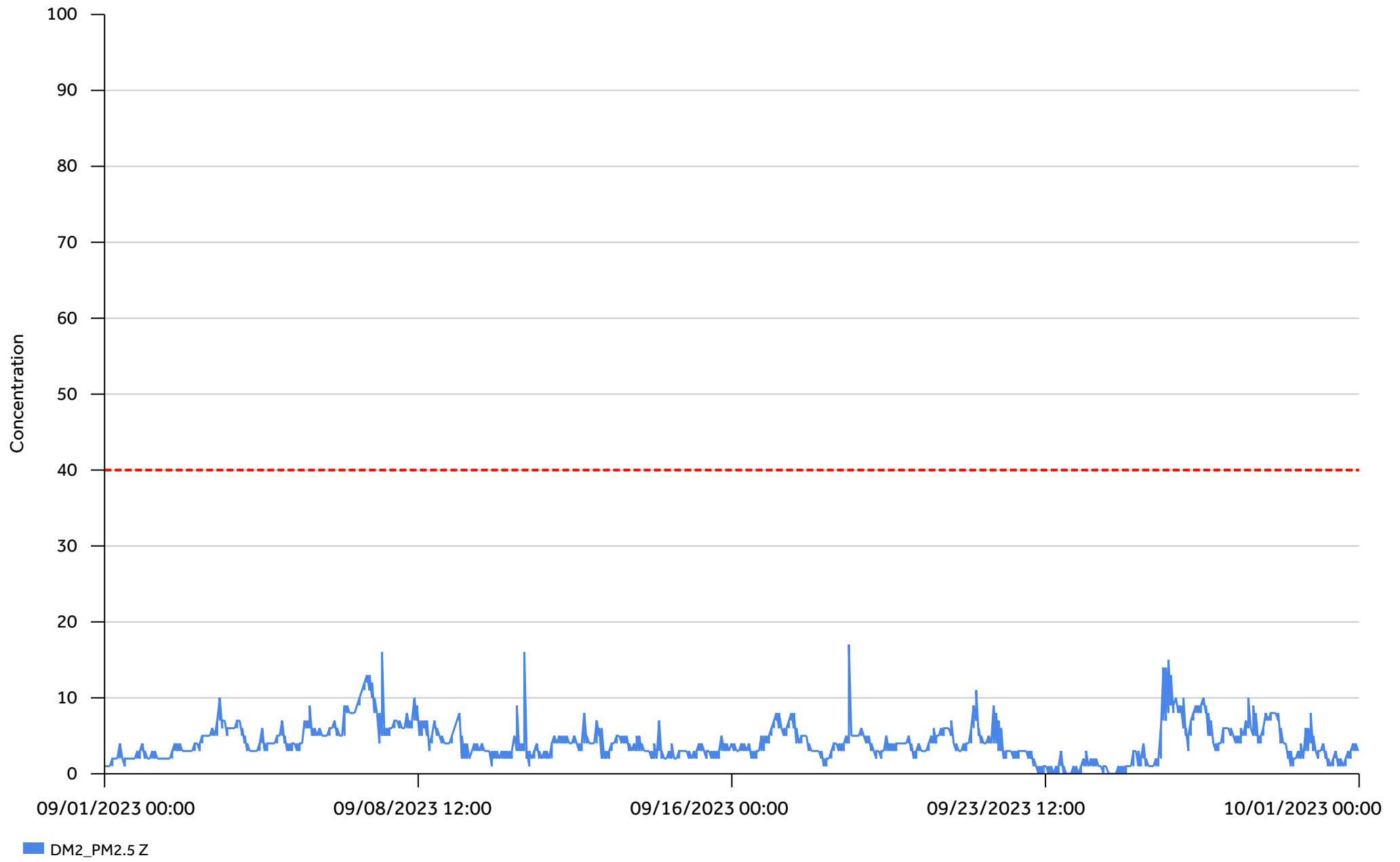
DM3-PM10



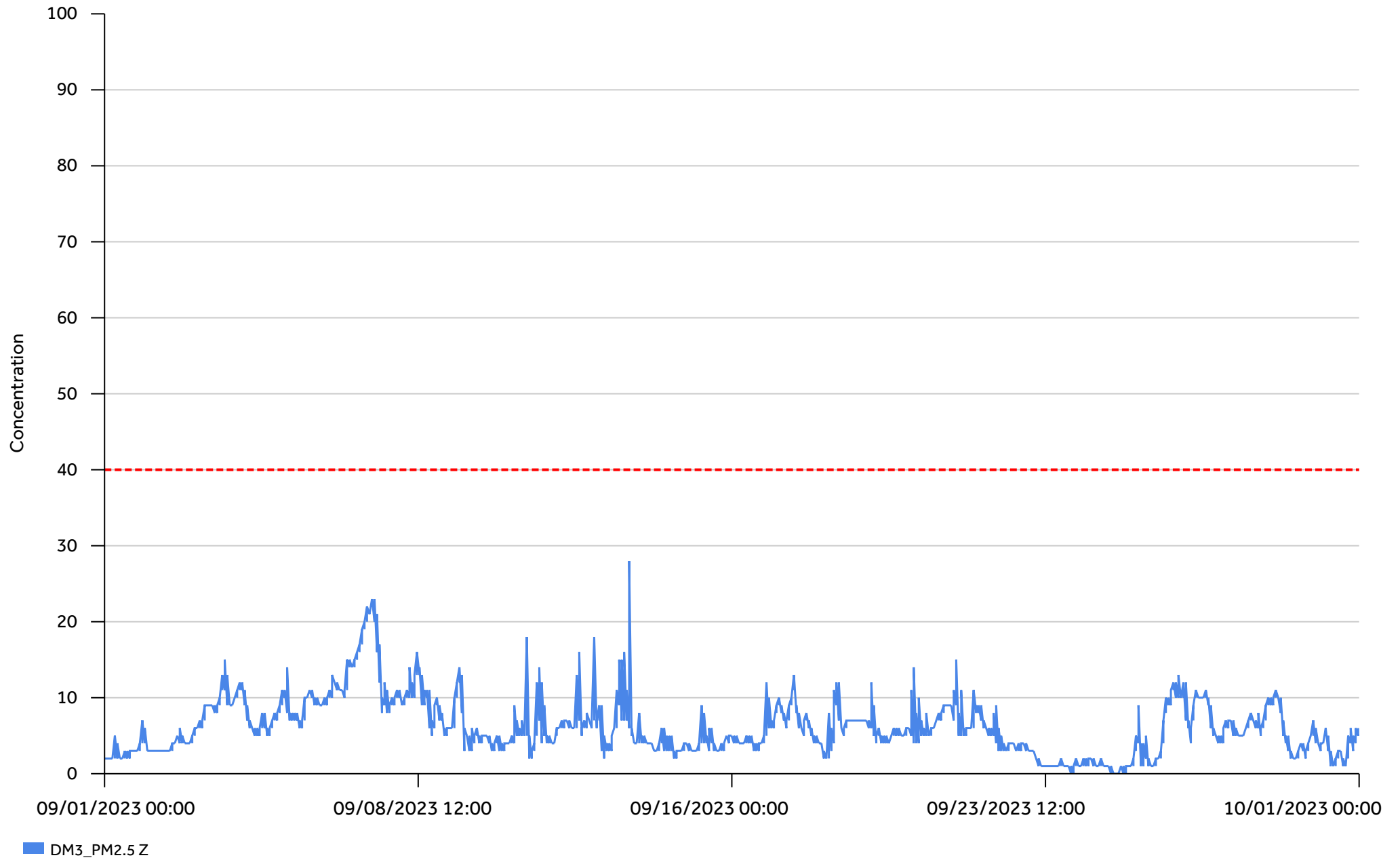
DM1-PM2.5



DM2-PM2.5



DM3-PM2.5



OW-1 TO OW-6

