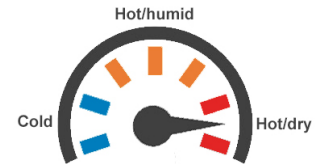
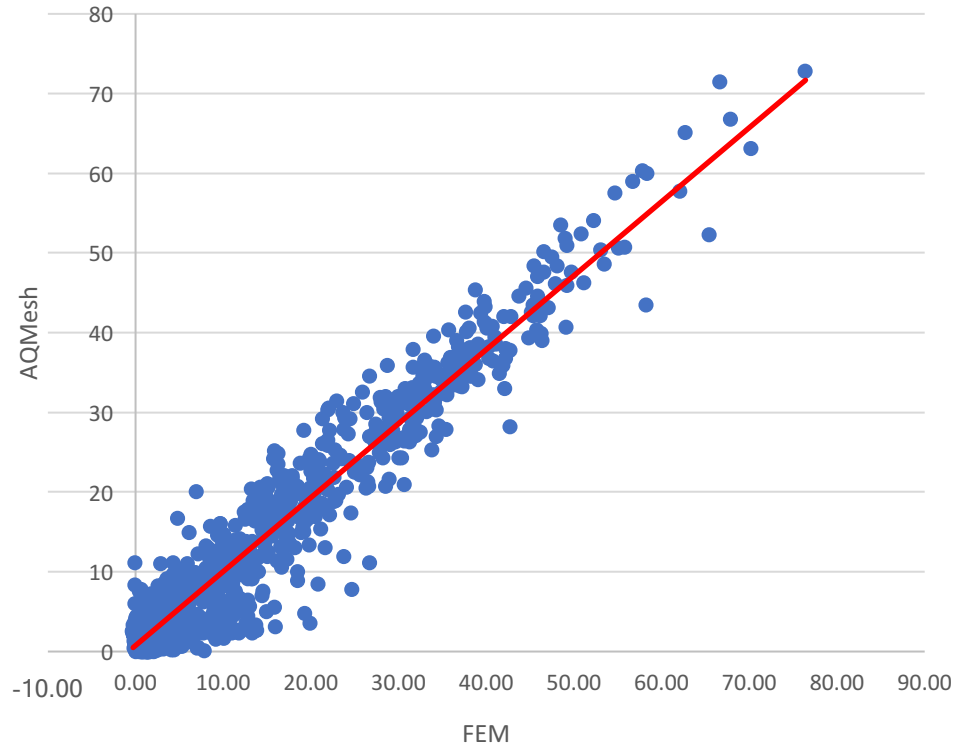
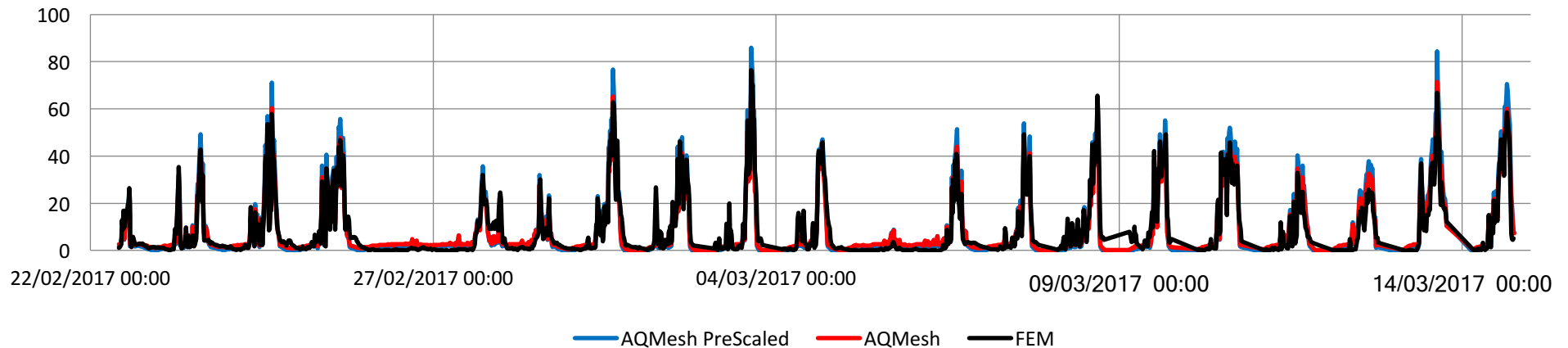


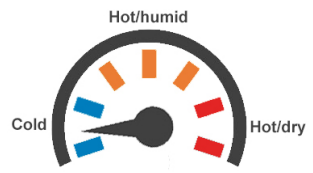
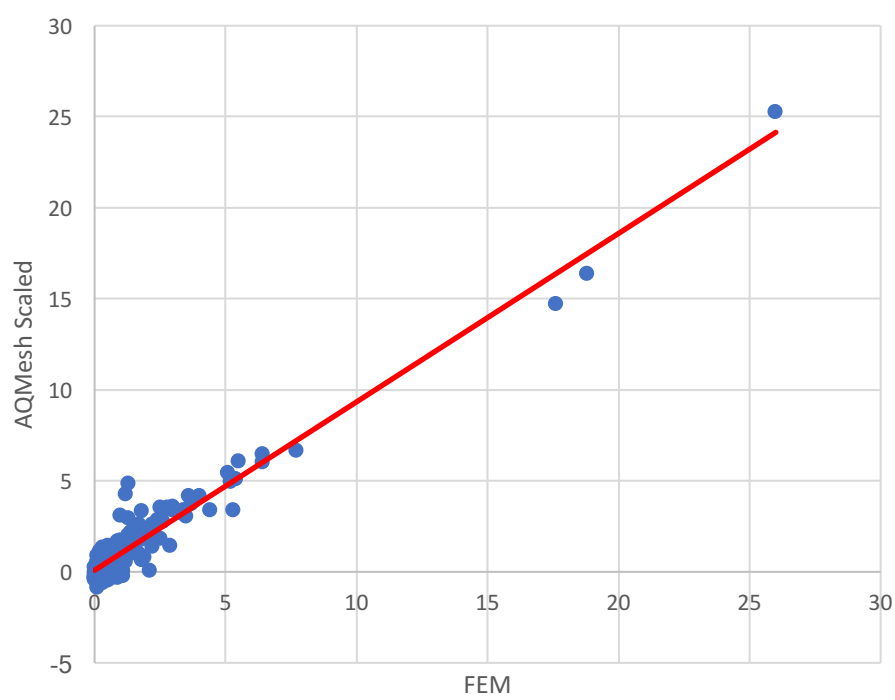
R ²	0.91	
Accuracy (MAE)	PreScaled	Scaled
	2.63	2.16
Accuracy (RMSE)	PreScaled	Scaled
	3.80	3.02
Averaging interval	15 minute	
Conditions	Hot, dry, desert	
Region	Southern California, US	
Location	Roadside	
Date	Feb 2017 – Apr 2017	
Processing version	v5.0	



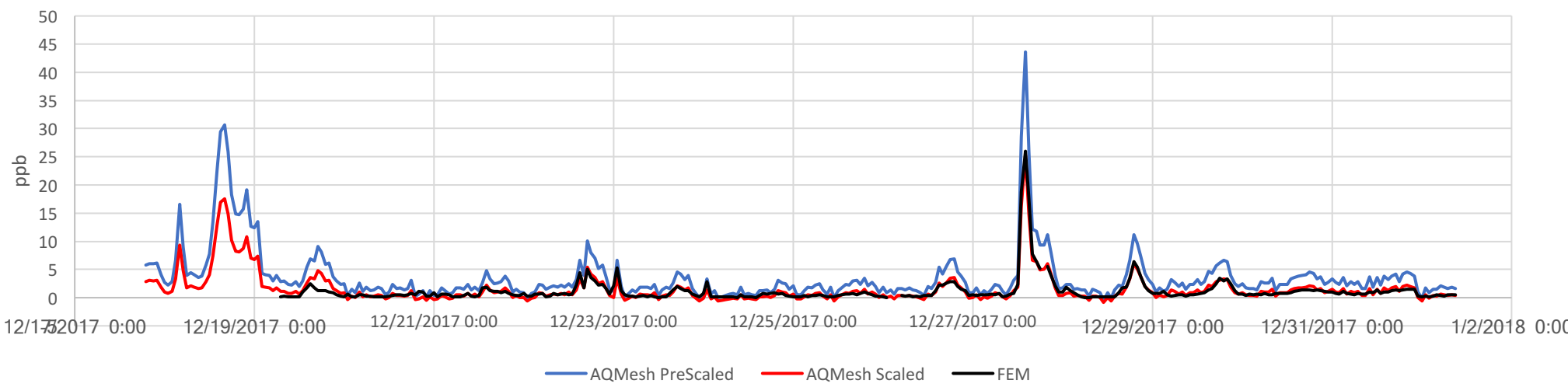
ppb



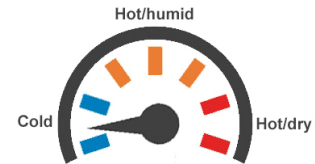
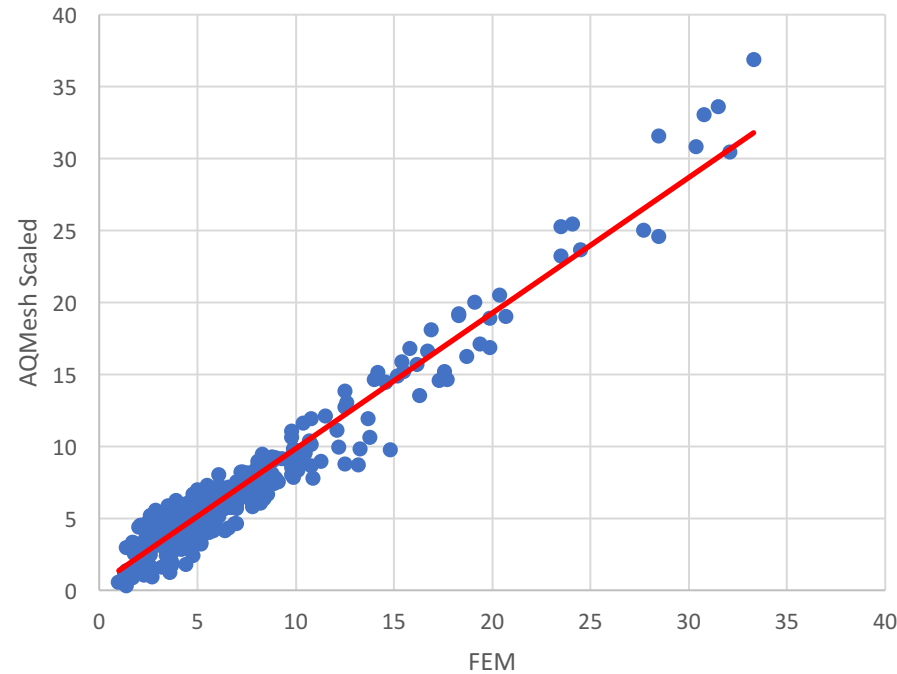
R ²	0.93	
Accuracy (MAE)	PreScaled	Scaled
	1.73	0.45
Accuracy (RMSE)	PreScaled	Scaled
	2.42	0.65
Averaging interval	60 minute	
Conditions	Cold	
Region	Minnesota, US	
Location	Urban background	
Date	Dec 2017 – Jan 2018	
Processing version	v4.2.3	



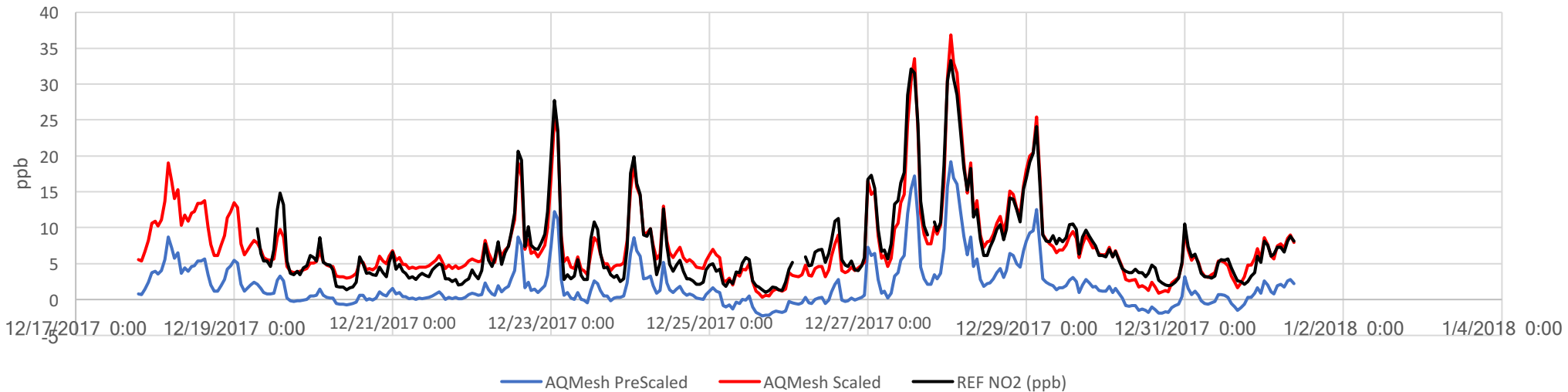
ppb



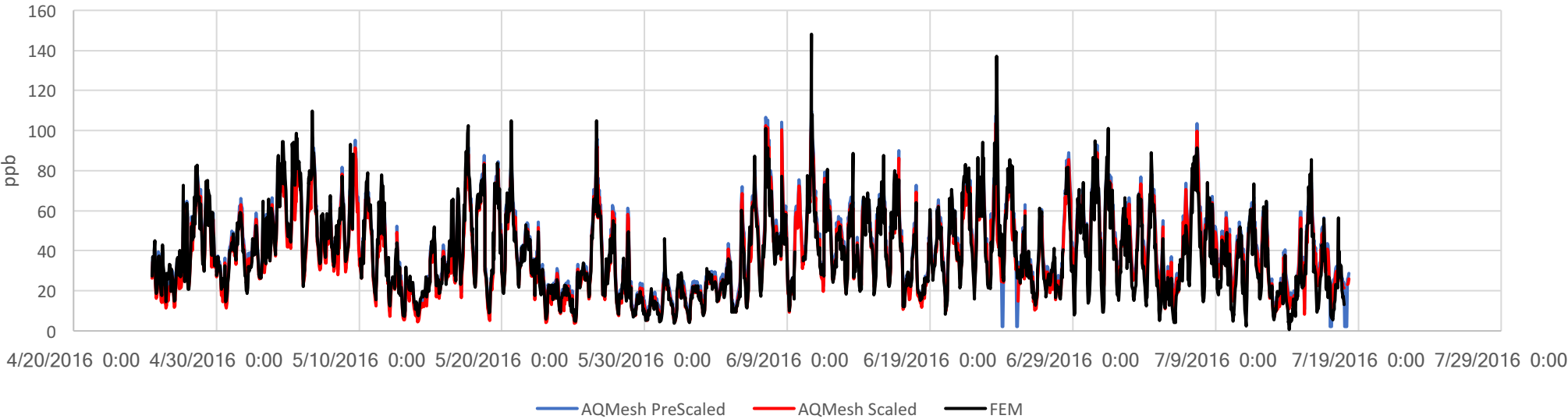
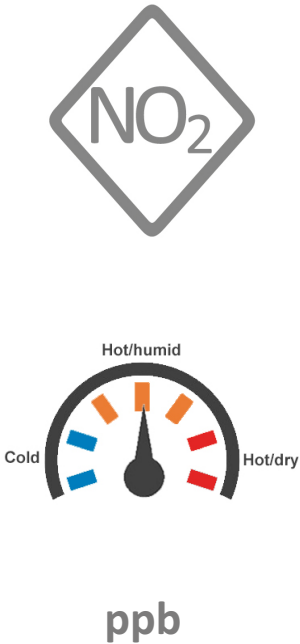
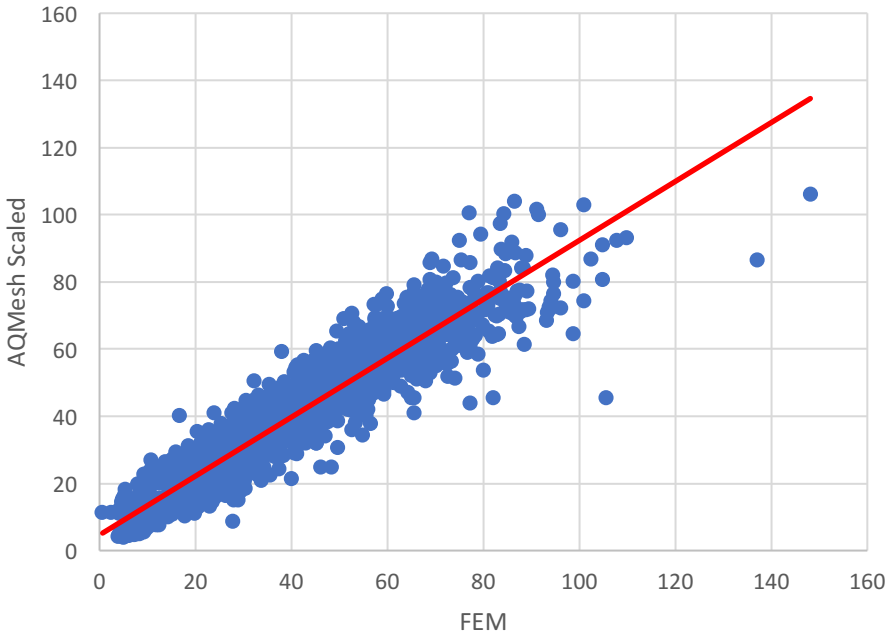
R^2	0.94	
Accuracy (MAE)	PreScaled	Scaled
	5.36	2.35
Accuracy (RMSE)	PreScaled	Scaled
	6.12	4.09
Averaging interval	60 minute	
Conditions	Cold	
Region	Minnesota, US	
Location	Urban background	
Date	Dec 2017 – Jan 2018	
Processing version	v4.2.3	



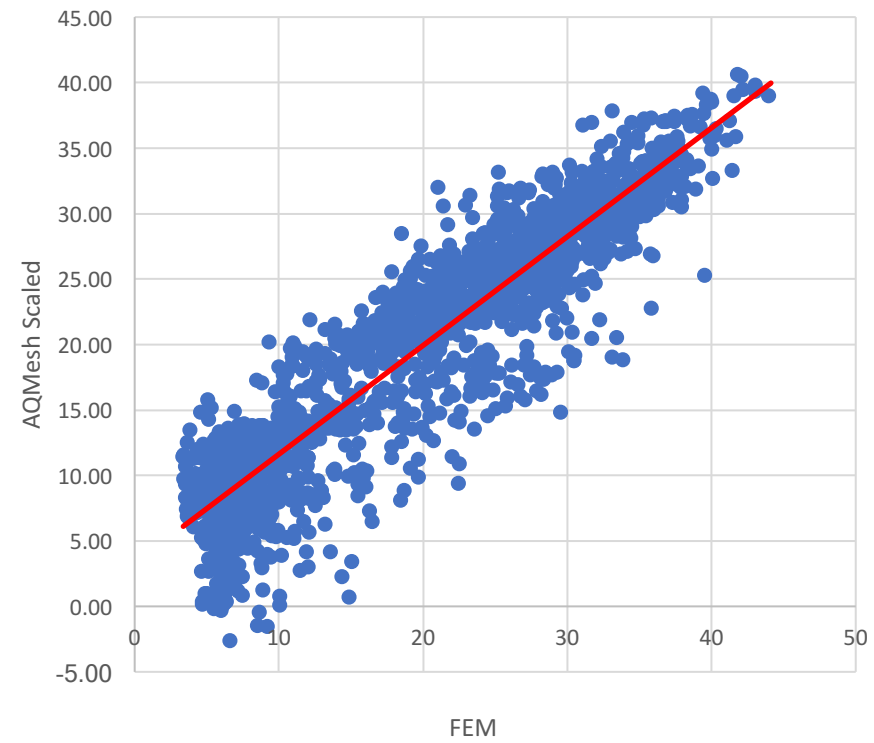
ppb



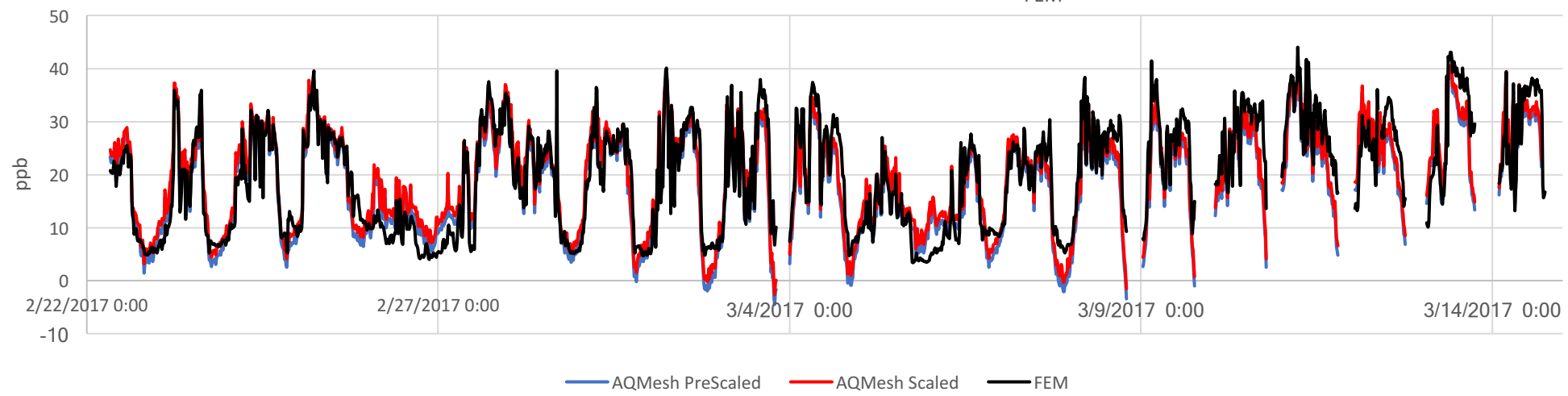
R ²	0.89	
Accuracy (MAE)	PreScaled	Scaled
	4.50	5.09
Accuracy (RMSE)	PreScaled	Scaled
	6.17	7.14
Averaging interval	60 minute	
Conditions	Hot, humid	
Region	London, UK	
Location	Urban roadside	
Date	Apr – Jul 2016	
Processing version	v4.2.3	



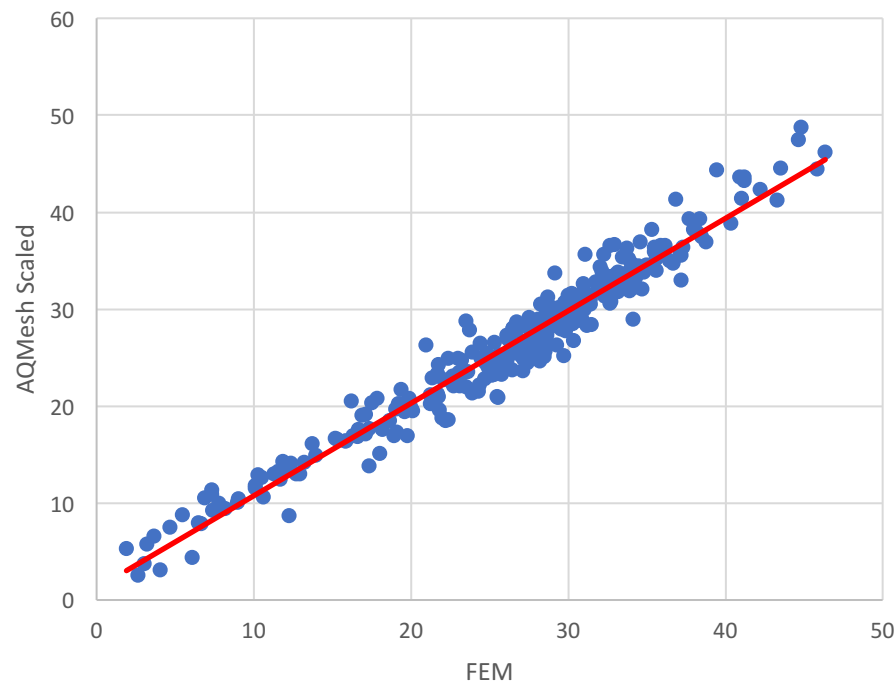
R ²	0.83	
Accuracy (MAE)	PreScaled	Scaled
	3.20	3.10
Accuracy (RMSE)	PreScaled	Scaled
	4.15	3.94
Averaging interval	15 minute	
Conditions	Hot, dry, desert	
Region	Southern California, US	
Location	Roadside	
Date	Feb 2017 – Mar 2017	
Processing version	v5.0	



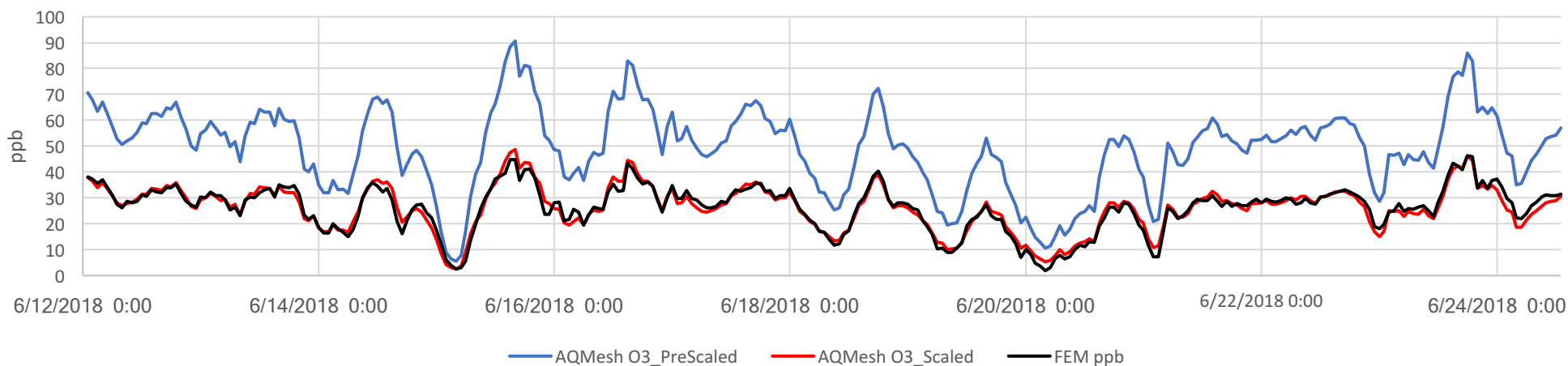
ppb



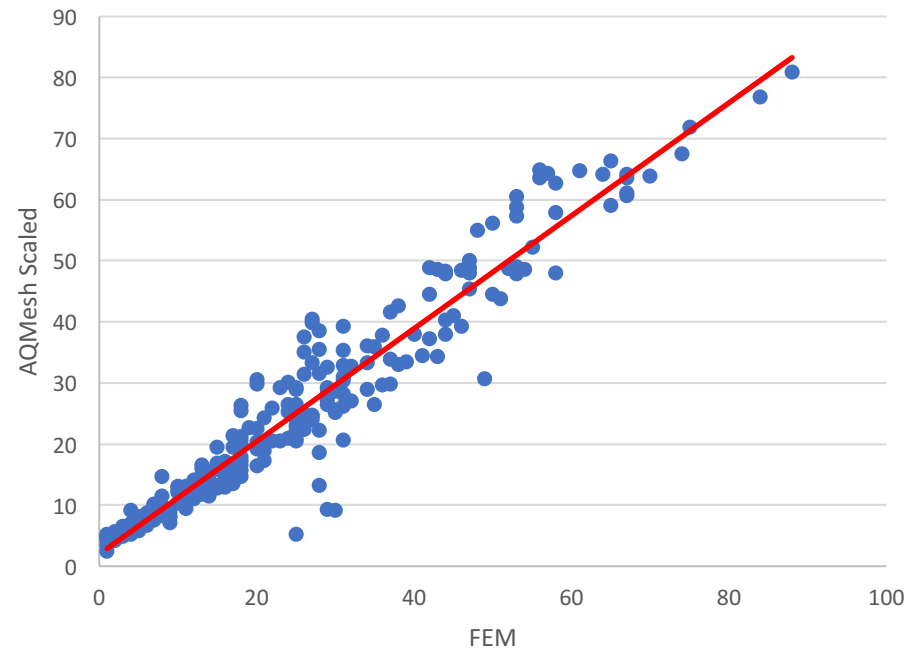
R^2	0.95	
Accuracy (MAE)	PreScaled	Scaled
	23.03	1.49
Accuracy (RMSE)	PreScaled	Scaled
	24.22	1.89
Averaging interval	60 minutes	
Conditions	Hot, dry	
Region	Western Europe	
Location	Urban background	
Date	June 2018	
Processing version	v4.2.3	



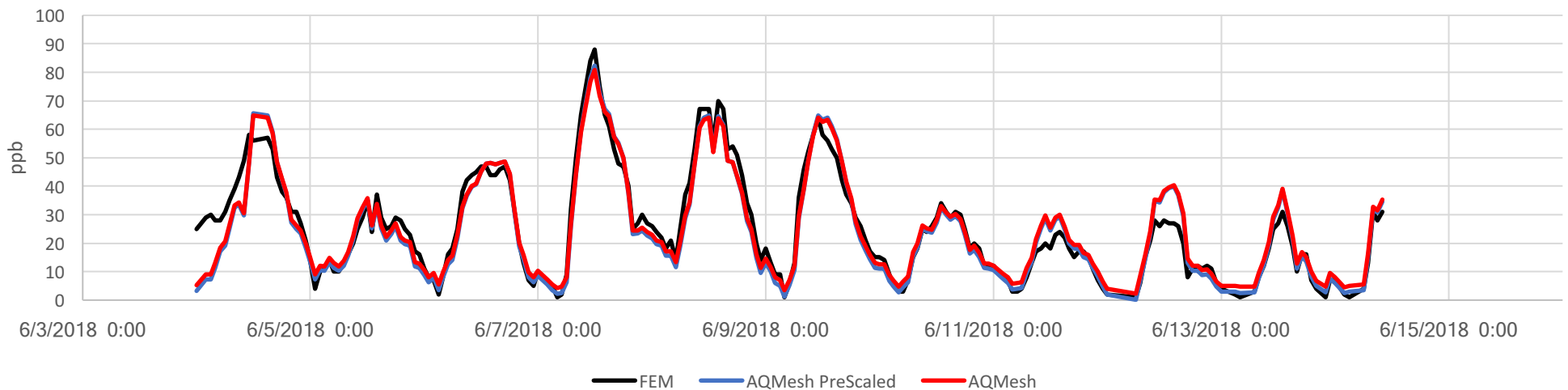
ppb



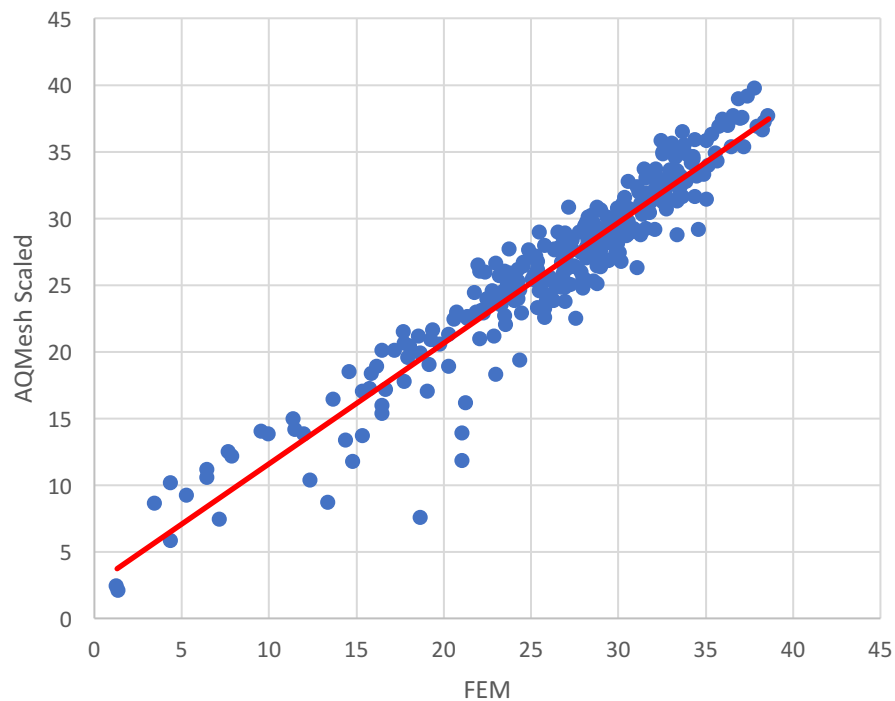
R ²	0.92	
Accuracy (MAE)	PreScaled	Scaled
	3.71	3.70
Accuracy (RMSE)	PreScaled	Scaled
	5.22	5.04
Averaging interval	60 minute	
Conditions	Hot, humid	
Region	Southern USA	
Location	Industrial	
Date	June 2018	
Processing version	v4.2.3	



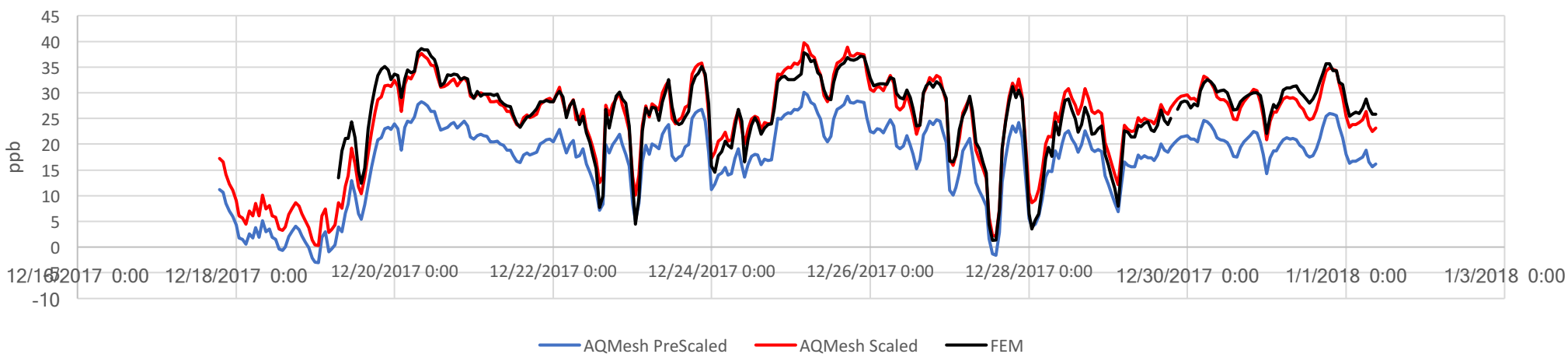
ppb



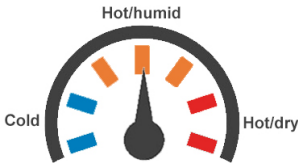
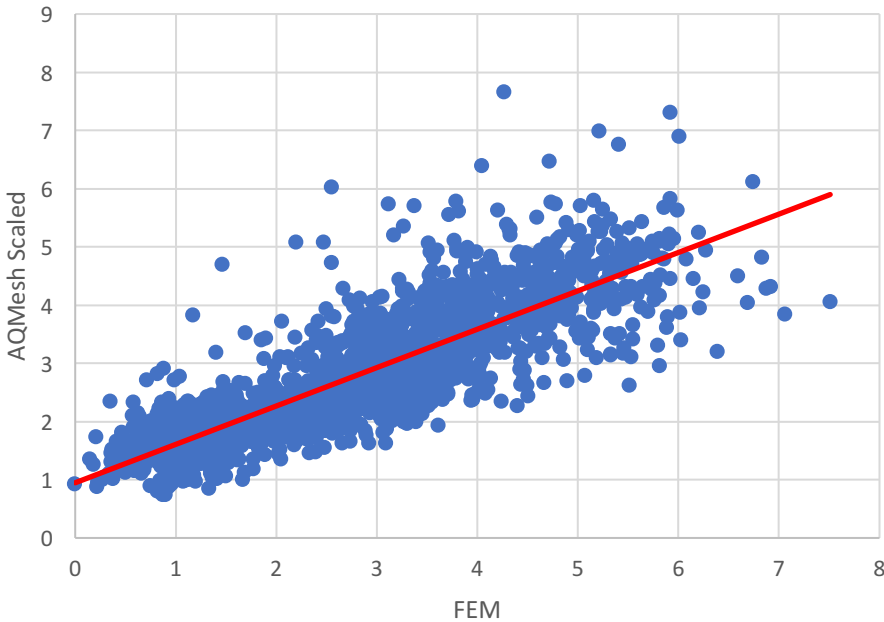
R^2	0.90	
Accuracy (MAE)	PreScaled	Scaled
	6.74	2.33
Accuracy (RMSE)	PreScaled	Scaled
	7.34	3.75
Averaging interval	60 minute	
Conditions	Cold	
Region	Minnesota, US	
Location	Urban background	
Date	Dec 2017 – Jan 2018	
Processing version	v4.2.3	



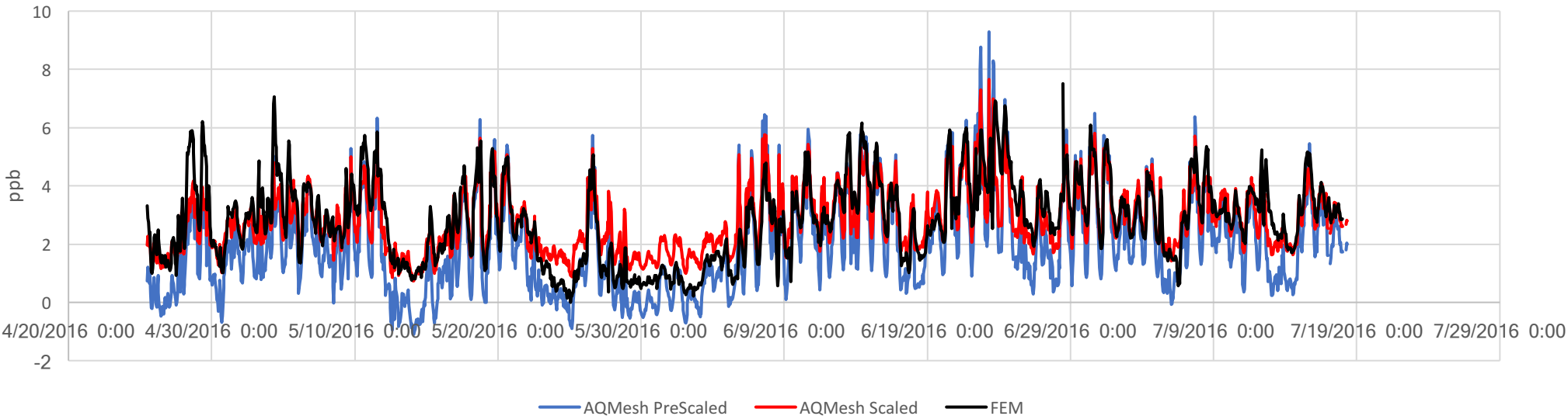
ppb



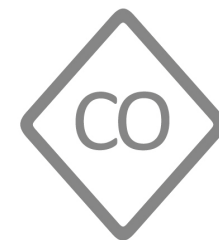
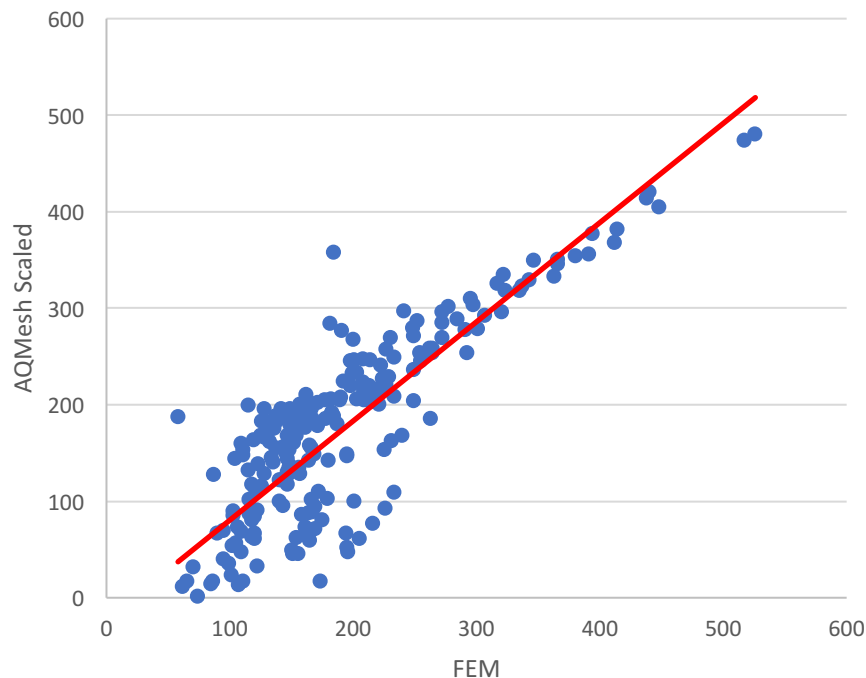
R ²	0.70	
Accuracy (MAE)	PreScaled	Scaled
	1.37	0.57
Accuracy (RMSE)	PreScaled	Scaled
	1.51	0.83
Averaging interval	60 minute	
Conditions	Hot, humid	
Region	London, UK	
Location	Urban roadside	
Date	Apr – Jul 2016	
Processing version	v4.2.3	



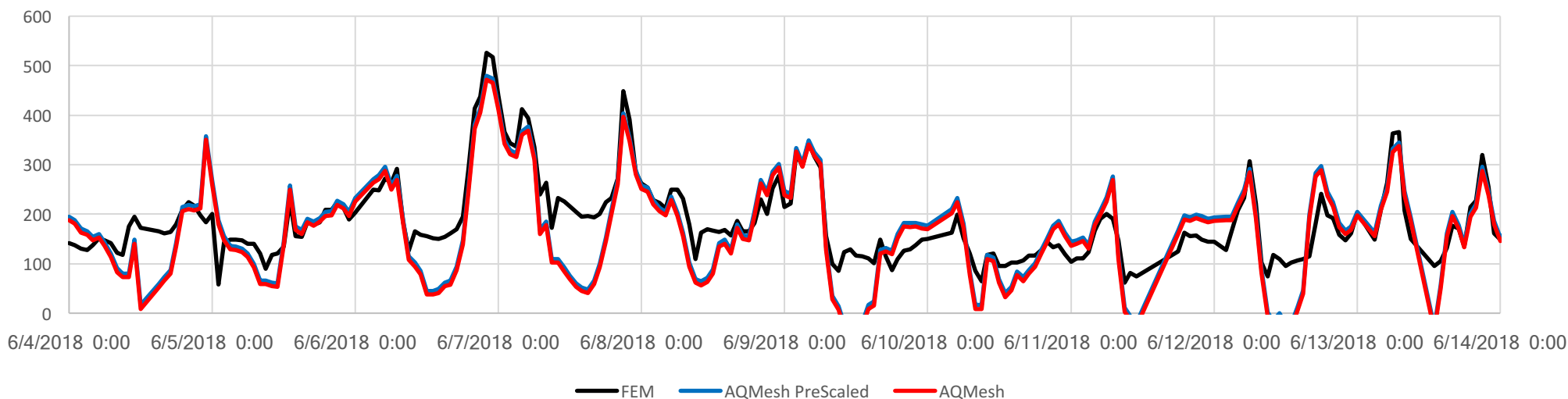
ppb



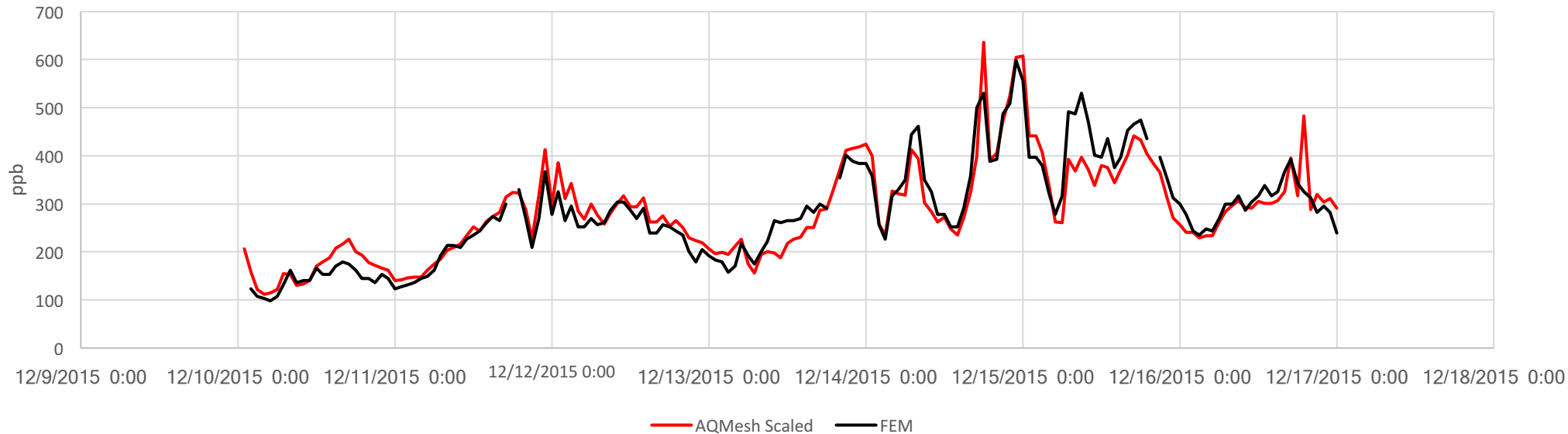
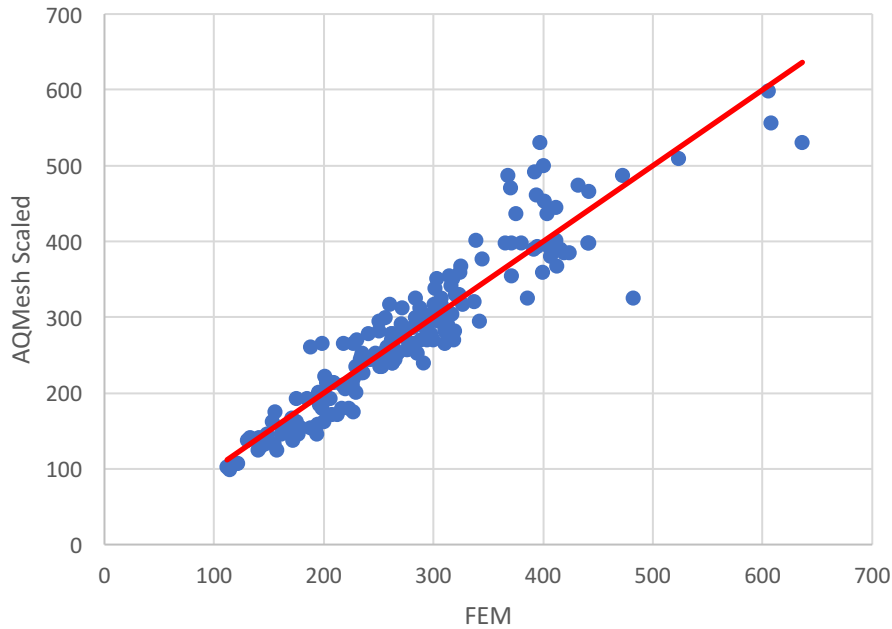
R^2	0.71	
Accuracy (MAE)	PreScaled	Scaled
	169.87	45.27
Accuracy (RMSE)	PreScaled	Scaled
	58.11	60.71
Averaging interval	60 minute	
Conditions	Hot, humid	
Region	Southern USA	
Location	Industrial	
Date	June 2018	
Processing version	v4.2.3	



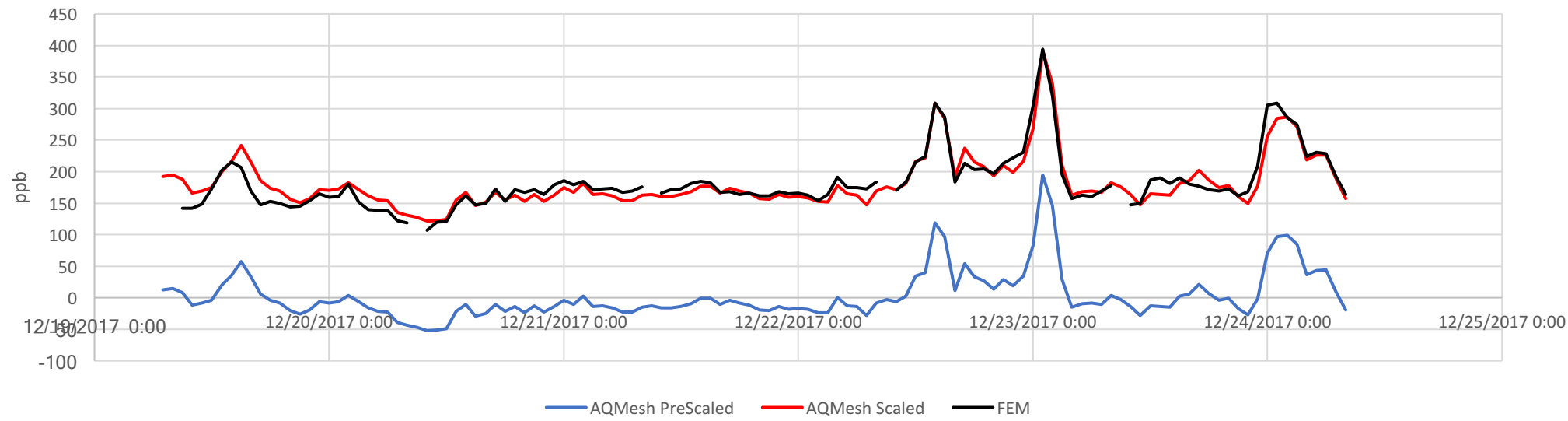
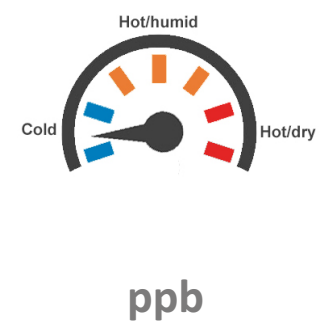
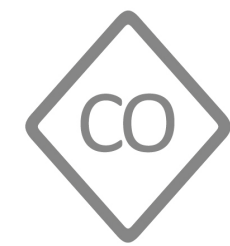
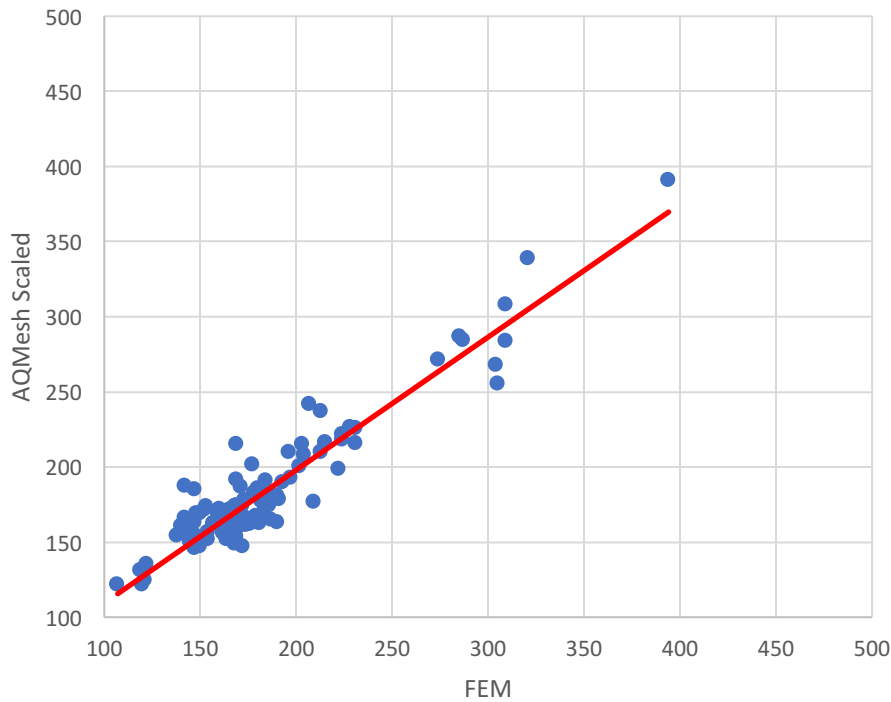
ppb



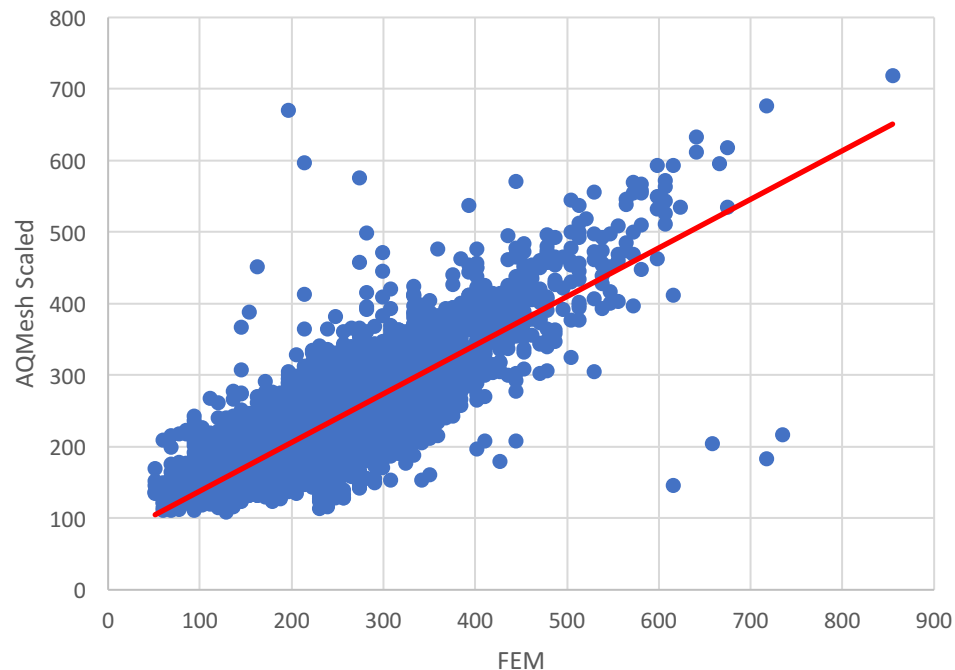
R ²	0.87	
Accuracy (MAE)	PreScaled	Scaled
	335.25	27.25
Accuracy (RMSE)	PreScaled	Scaled
	349.30	37.01
Averaging interval	60 minute	
Conditions	Cold	
Region	Western Europe	
Location	Urban	
Date	December 2015	
Processing version	v4.2.3	



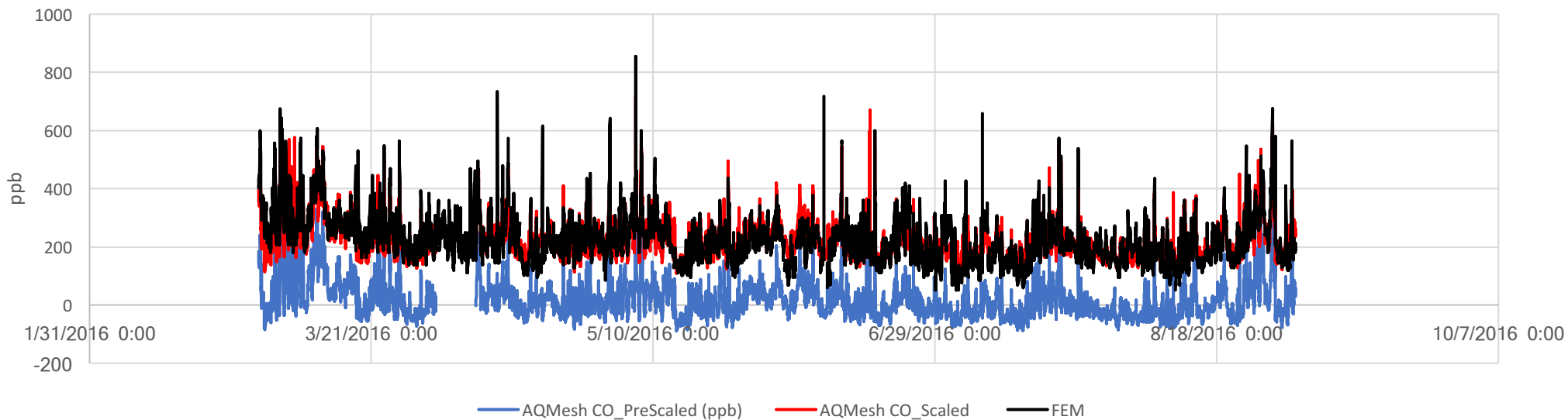
R2	0.89	
Accuracy (MAE)	PreScaled	Scaled
	178.88	11.22
Accuracy (RMSE)	PreScaled	Scaled
	179.55	15.10
Averaging interval	60 minute	
Conditions	Cold	
Region	Minnesota, US	
Location	Urban background	
Date	Dec 2017 – Jan 2018	
Processing version	v4.2.3	



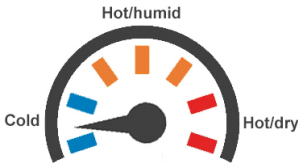
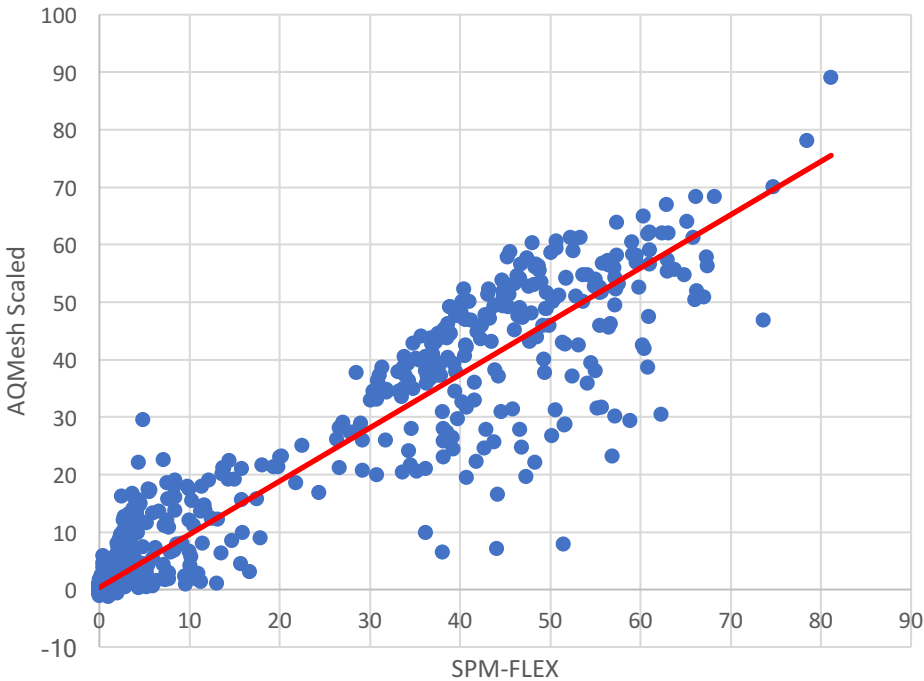
R^2	0.67	
Accuracy (MAE)	PreScaled	Scaled
	264.27	72.98
Accuracy (RMSE)	PreScaled	Scaled
	270.95	83.42
Averaging interval	30 minute	
Conditions	Hot, humid	
Region	Western Europe	
Location	Urban	
Date	Jan – Sept 2016	
Processing version	v4.2.3	



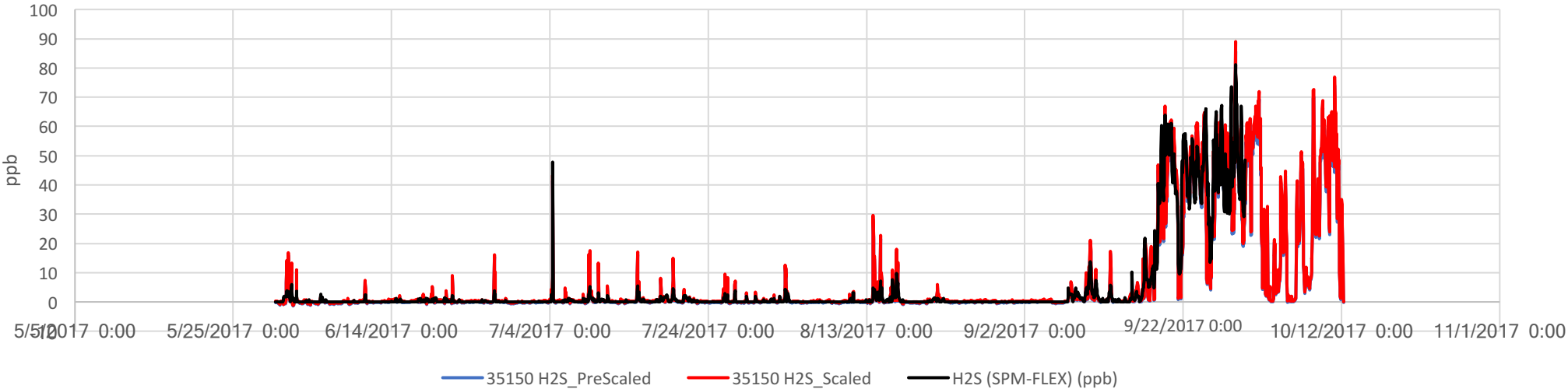
ppb



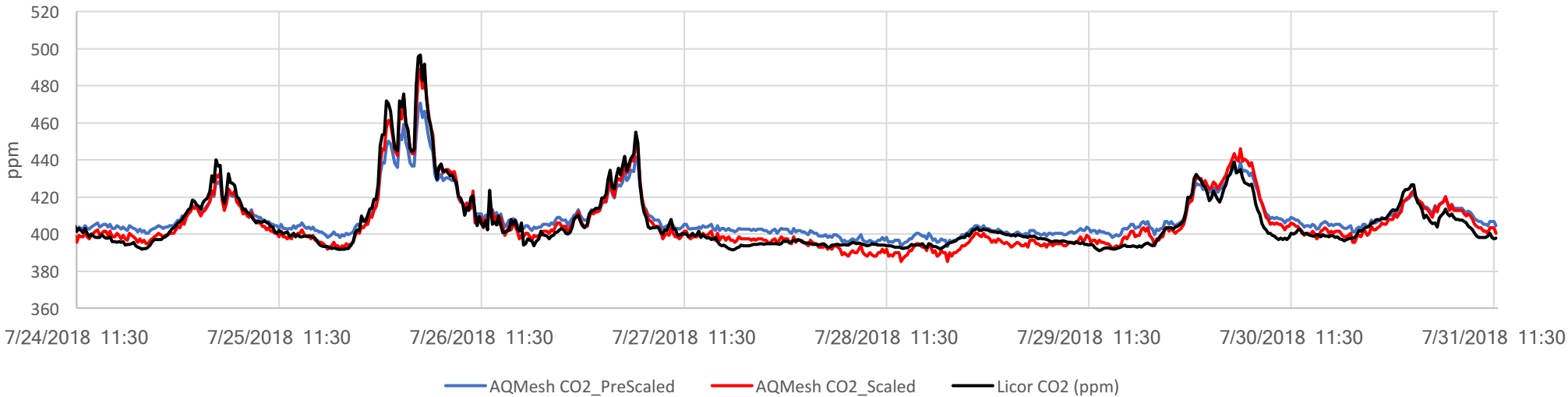
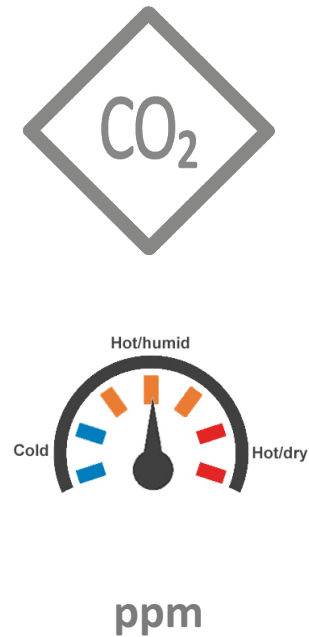
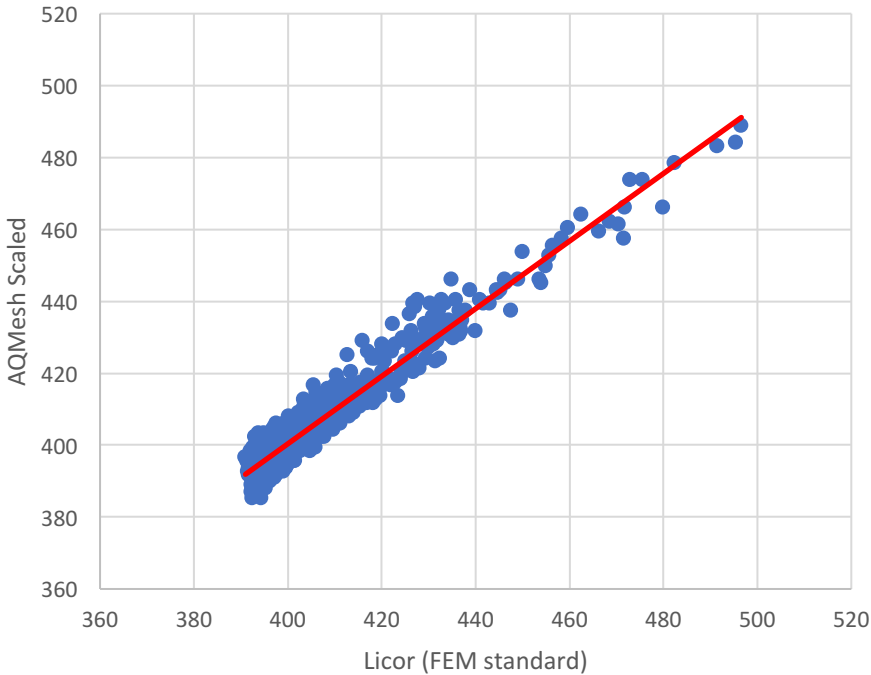
R ²	0.93	
Accuracy (MAE)	PreScaled	Scaled
	1.26	1.27
Accuracy (RMSE)	PreScaled	Scaled
	3.62	3.57
Averaging interval	60 minutes	
Conditions	Cold	
Region	United Kingdom	
Location	Wastewater treatment	
Date	May 2017 – Sep - 2017	
Processing version	v4.2.3	



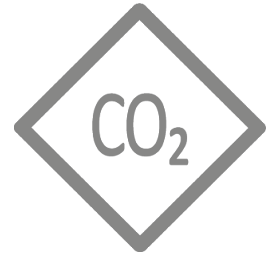
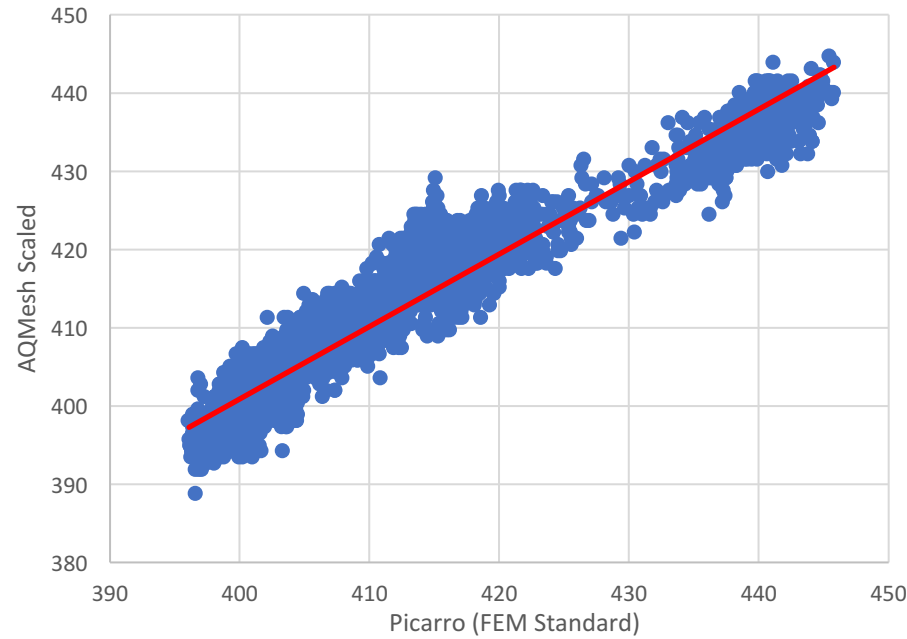
ppb



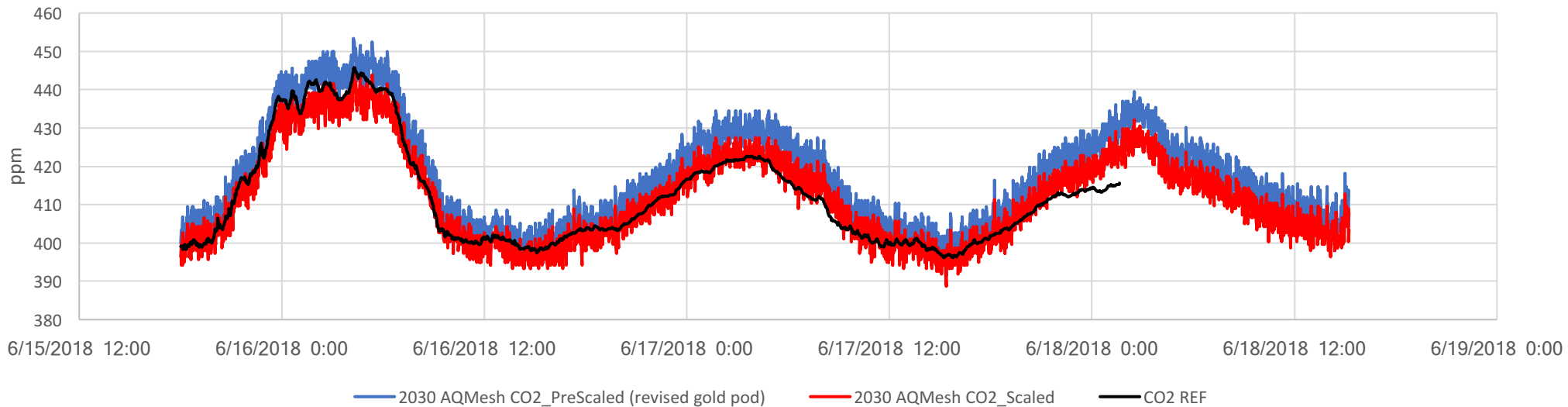
R ²	0.94	
Accuracy (MAE)	PreScaled	Scaled
	4.57	2.80
Accuracy (RMSE)	PreScaled	Scaled
	7.06	3.56
Averaging interval	15 minute	
Conditions	Hot, variable humidity	
Region	Western Europe	
Location	Tewkesbury, UK	
Date	July 2018	
Processing version	V4.2.3	



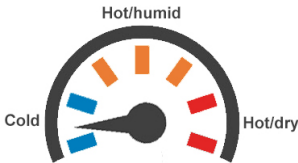
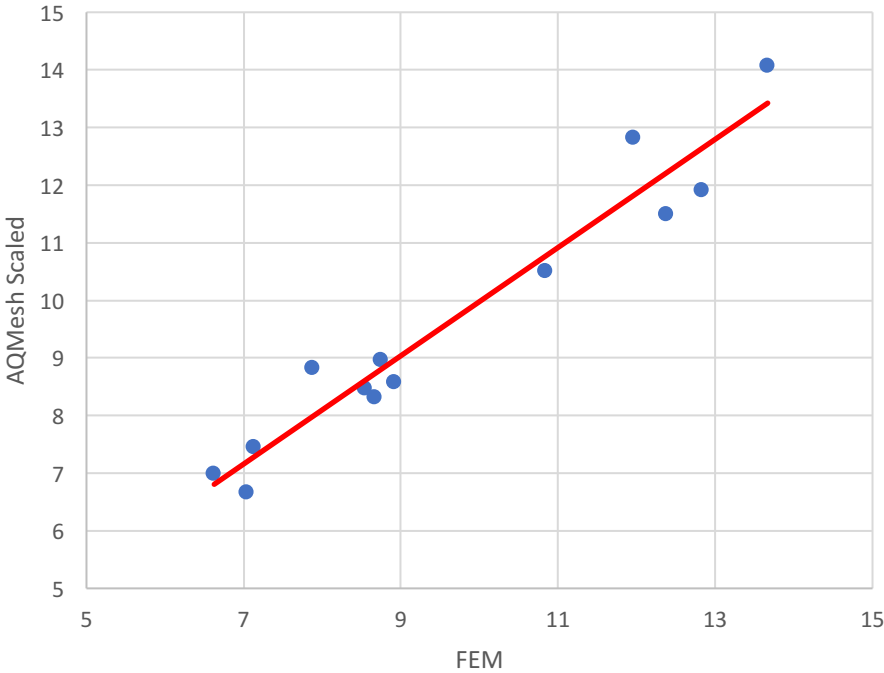
R ²	0.93	
Accuracy (MAE)	PreScaled	Scaled
	3.96	2.39
Accuracy (RMSE)	PreScaled	Scaled
	4.66	2.93
Averaging interval	1 minute	
Conditions	Hot, variable humidity	
Region	Western Europe	
Location	Cambridge, UK	
Date	June 2018	
Processing version	V4.2.3	



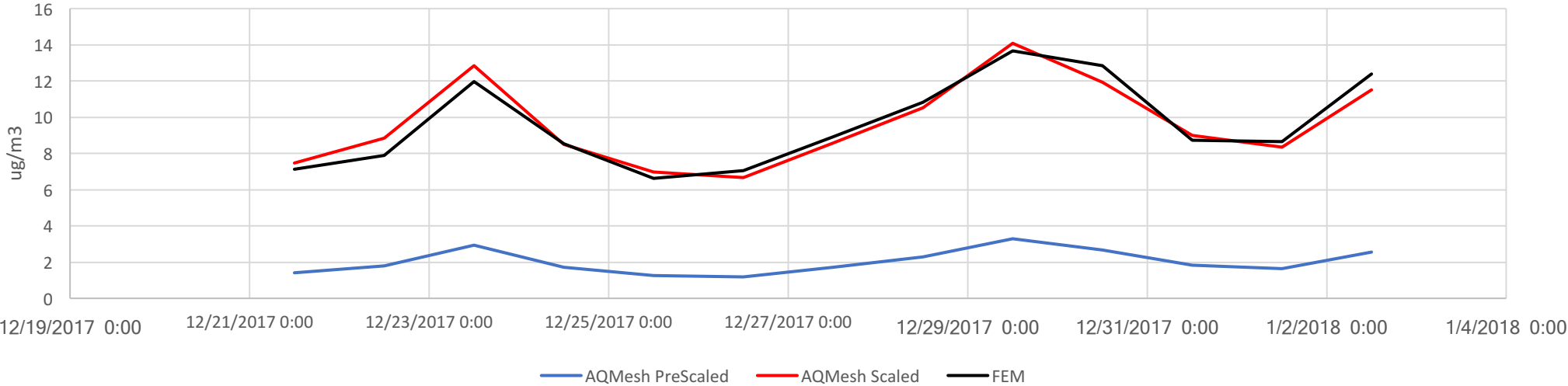
ppm



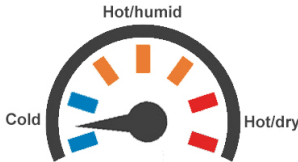
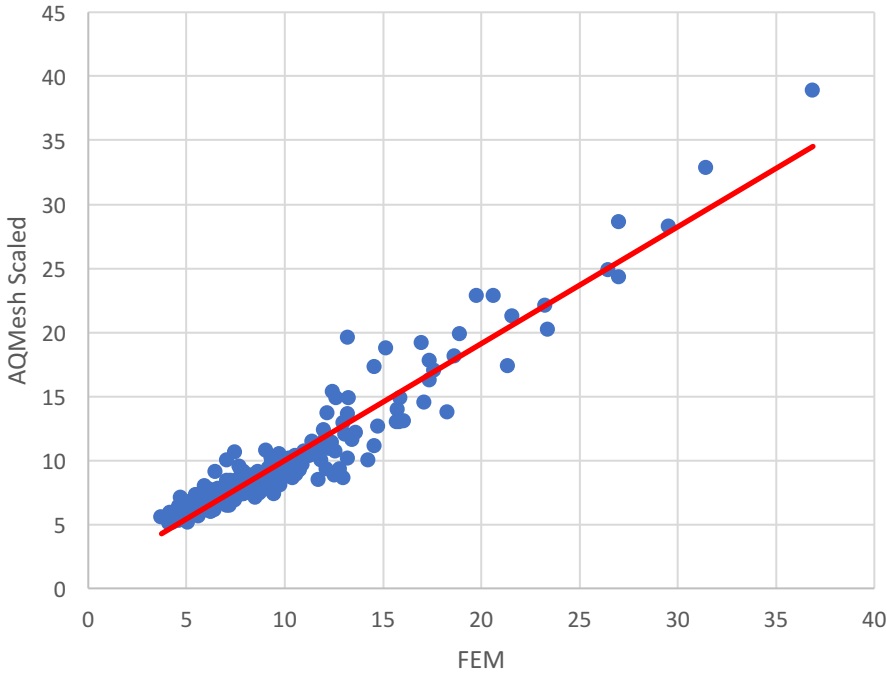
R ²	0.94	
Accuracy (MAE)	PreScaled	Scaled
	7.61	0.49
Accuracy (RMSE)	PreScaled	Scaled
	7.71	0.57
Averaging interval	24 hour	
Conditions	Cold	
Region	Minnesota, US	
Location	Urban background	
Date	Dec 2017 – Jan 2018	
Processing version	V3.0	



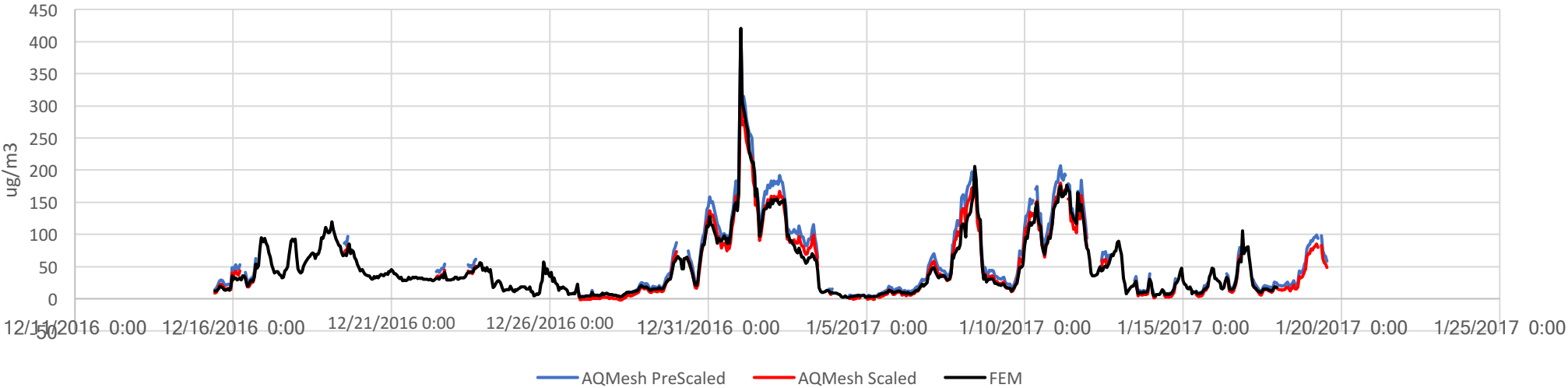
ug/m³



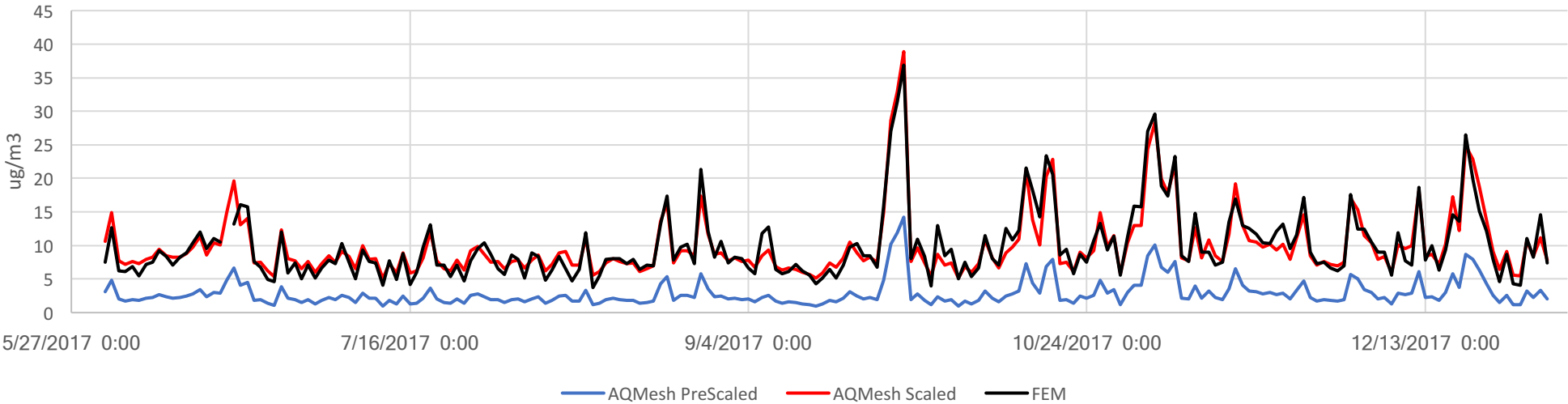
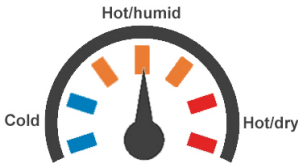
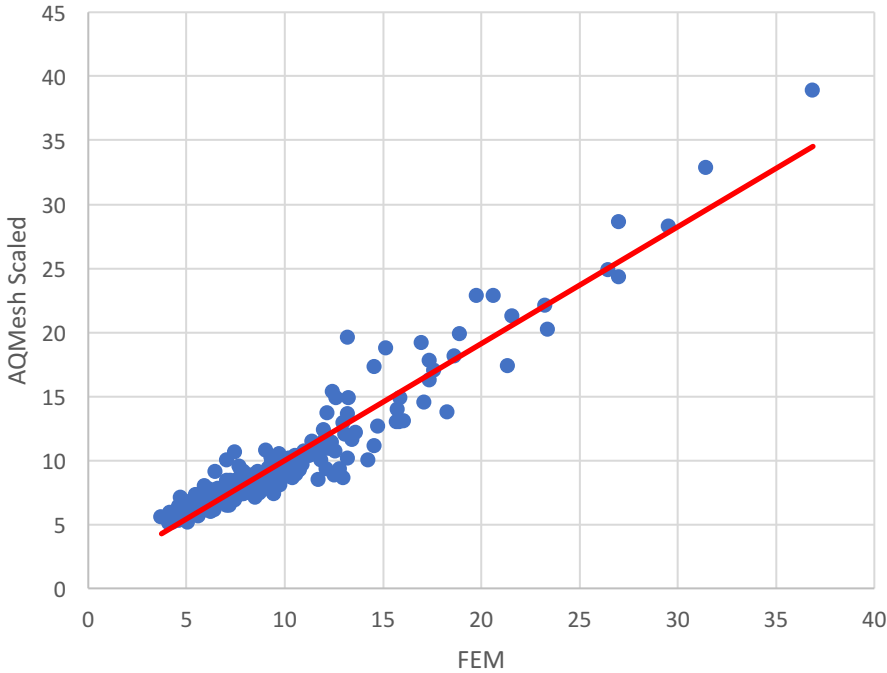
R ²	0.98	
Accuracy (MAE)	PreScaled	Scaled
	33.80	32.97
Accuracy (RMSE)	PreScaled	Scaled
	43.10	42.90
Averaging interval	60 minute	
Conditions	Cold	
Region	Eastern Europe	
Location	Urban background	
Date	Dec 2016 – Jan 2017	
Processing version	V3.0	



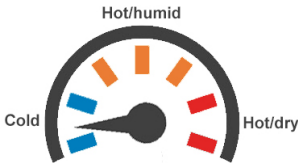
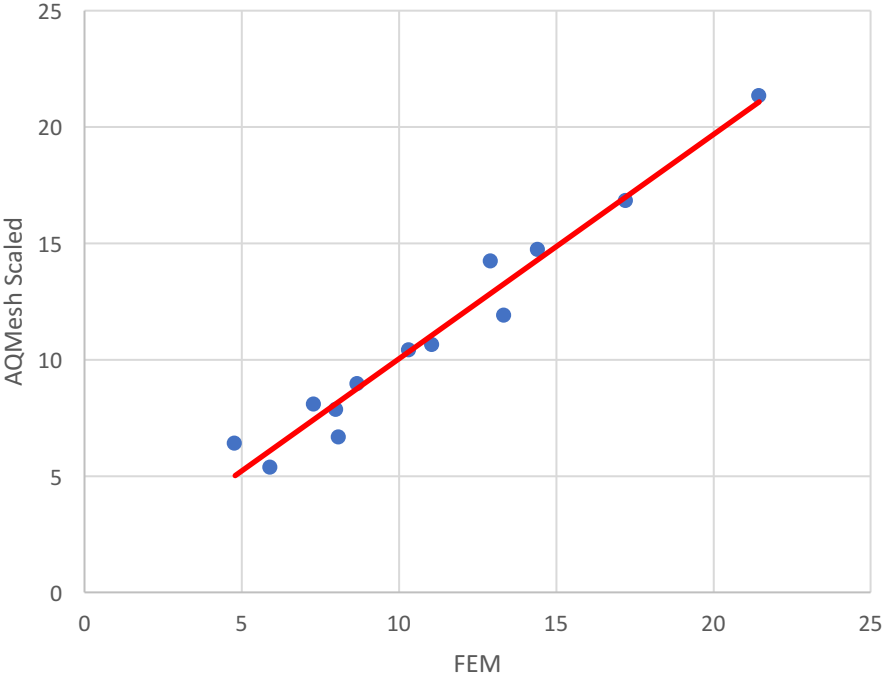
ug/m³



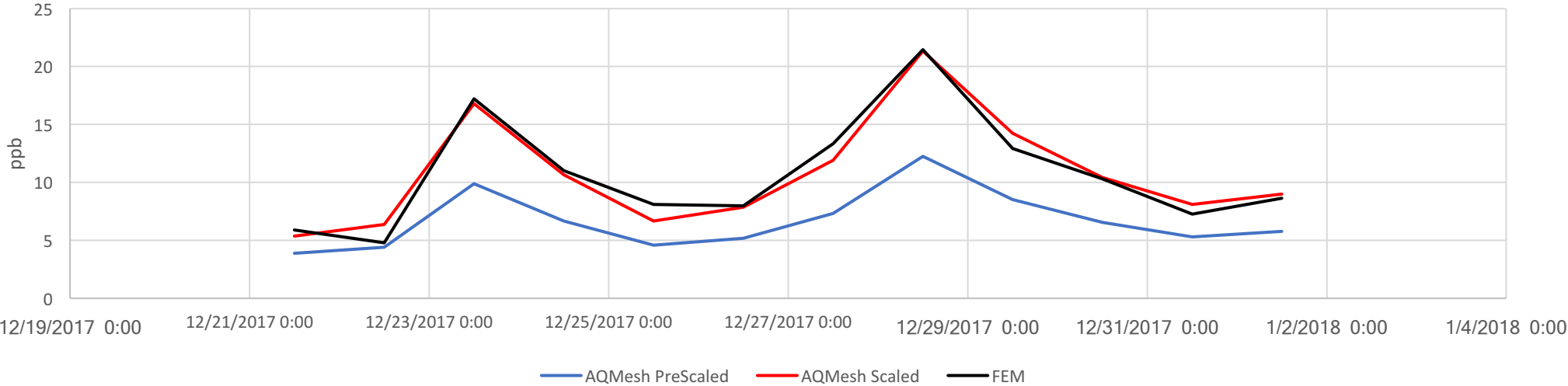
R ²	0.91	
Accuracy (MAE)	PreScaled	Scaled
	7.05	1.21
Accuracy (RMSE)	PreScaled	Scaled
	7.81	1.83
Averaging interval	24 hour	
Conditions	Hot, humid	
Region	London, UK	
Location	Urban background	
Date	May 2017 – Oct 2017	
Processing version	V3.0 + Heated inlet	



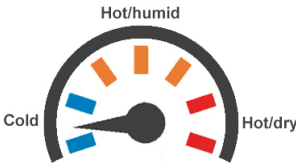
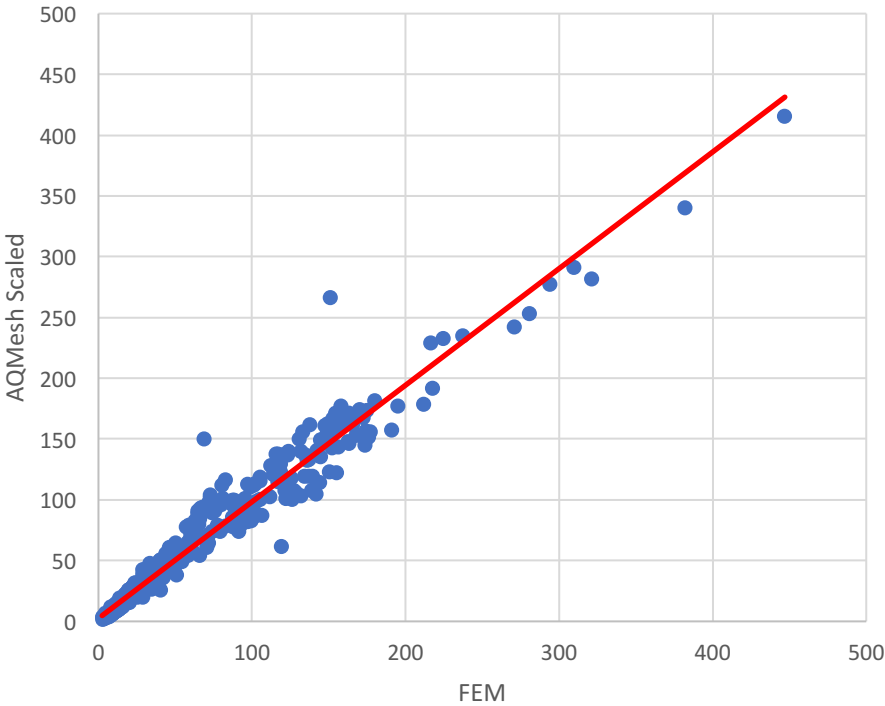
R ²	0.96	
Accuracy (MAE)	PreScaled	Scaled
	4.18	0.68
Accuracy (RMSE)	PreScaled	Scaled
	4.77	0.87
Averaging interval	24 hour	
Conditions	Cold	
Region	Minnesota, US	
Location	Urban background	
Date	Dec 2017 – Jan 2018	
Processing version	V3.0	



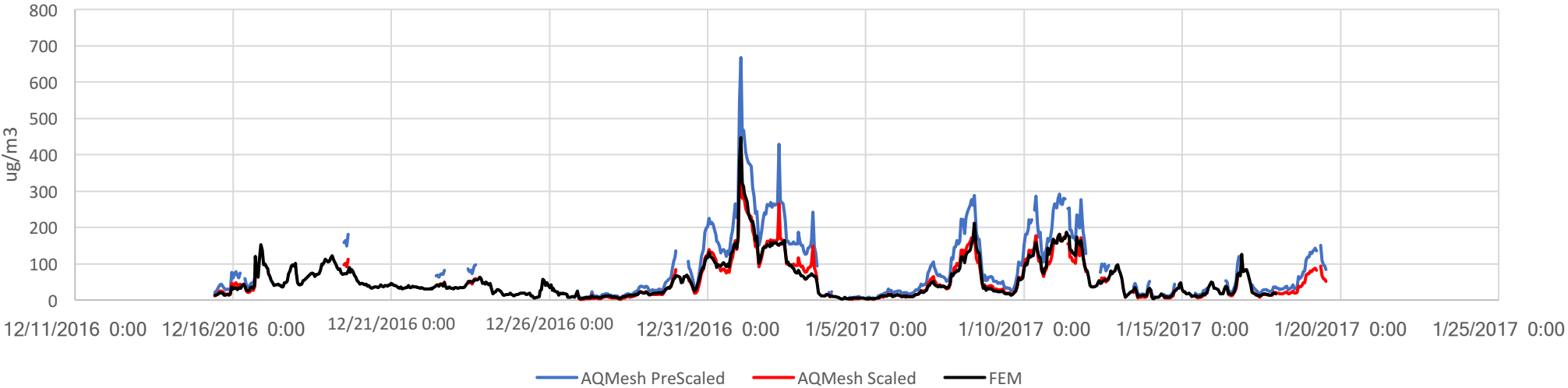
ug/m³



R ²	0.96	
Accuracy (MAE)	PreScaled	Scaled
	39.09	35.61
Accuracy (RMSE)	PreScaled	Scaled
	48.27	46.39
Averaging interval	60 minute	
Conditions	Cold	
Region	Eastern Europe	
Location	Urban background	
Date	Dec 2016 – Jan 2017	
Processing version	V3.0	



ug/m³



R ²	0.79	
Accuracy (MAE)	PreScaled	Scaled
	11.50	2.57
Accuracy (RMSE)	PreScaled	Scaled
	12.43	3.46
Averaging interval	24 hour	
Conditions	Hot, humid	
Region	London, UK	
Location	Urban background	
Date	May 2017 – Oct 2017	
Processing version	V3.0 + Heated inlet	

