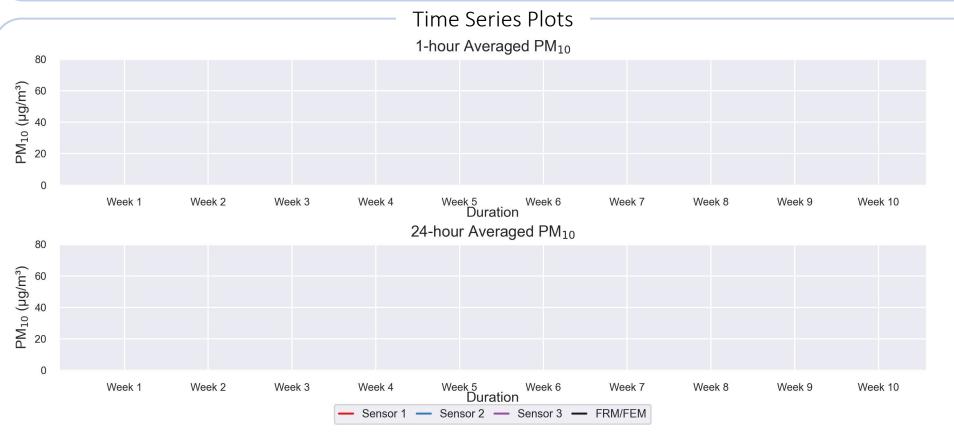
Testing Report – PM₁₀ Base Testing Manufacturer & Air Sensor Name

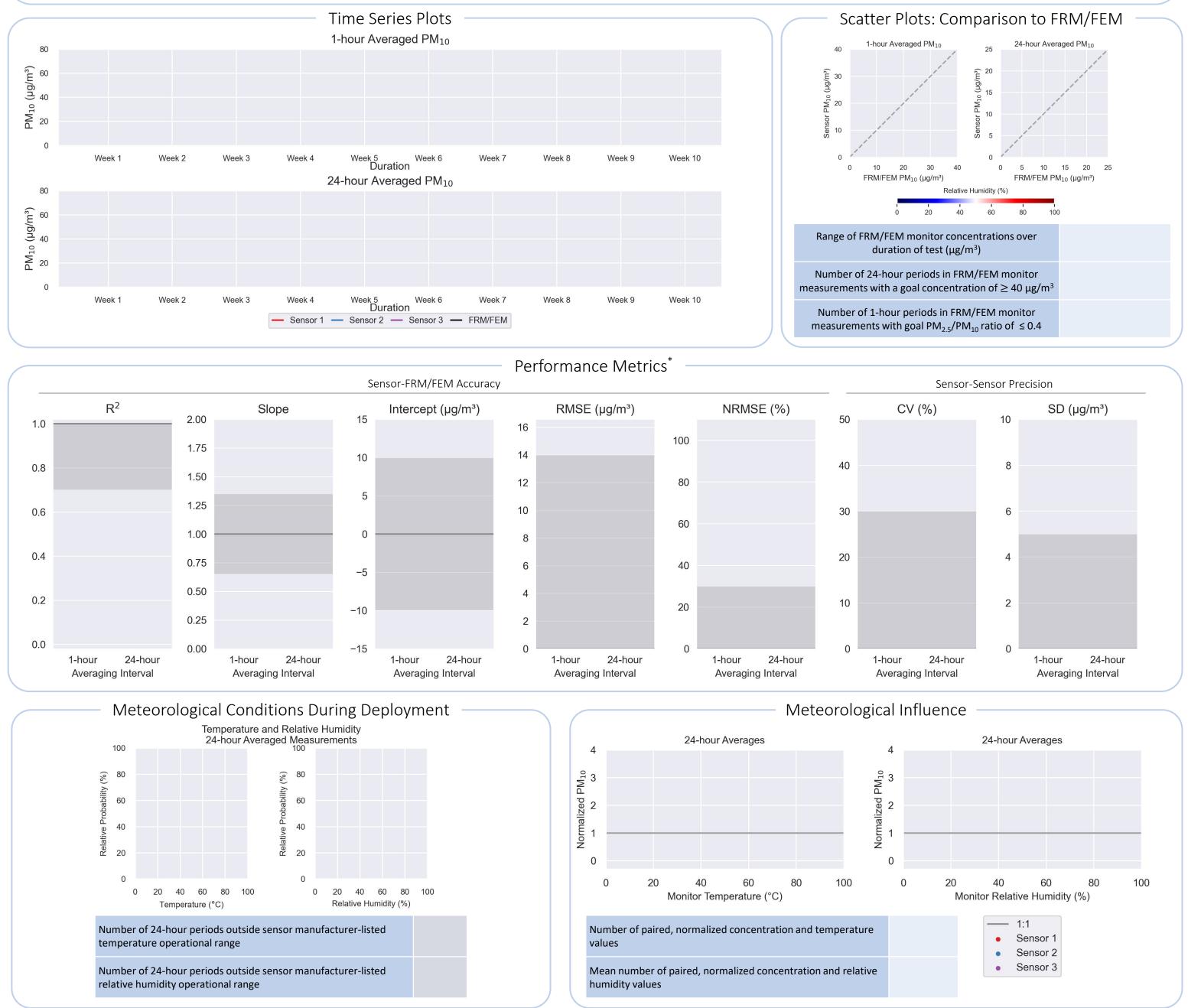
Deployment Number Testing Organization Contact Email / Phone Number Date

Image of device during deployment

1

Deployment Details								
Testing Organization and Site Information		Sensor Information				FRM/FEM Information		
Testing organization	Testing organization (Name, Organization, Contact website / email / phone number)					Manufacturer, model, designation		
website / email / phone						Sampling time		
Testing location	-					interval		
(City, State, Latitude and Longitude)						Date of calibration		
AQS site ID		Sensor serial numbers	Sensor 1	Sensor 2	Sensor 3	Date of flowrate verification check		
Sampling timeframe (MM-DD-YY)		humbers						
Sensor data source		lssues encountered		PriofSumm	any of Issues	Description, date(s) of		
Reference data source		during deployment?		Brief Summary of Issues		maintenance activities		





*For evaluations with greater than three sensors, grouping individual sensor metrics into boxplots is recommended for displaying results. Note that this recommendation does not apply to metrics computed as a single value for all sensors over the whole evaluation group, such as RMSE, NRMSE, CV, and SD.

Testing Report – PM₁₀ **Base Testing** Manufacturer & Air Sensor Name

Deployment Number Testing Organization Contact Email / Phone Number Date

Image of device during deployment

Tabular Statistics

Sensor-FRM/FEM Correlation

	Bias and Linearity						Data Quality			
	R ²		Slope		Intercept (µg/m³)		Uptime (%)		Number of paired sensor and FRM/FEM concentration values	
	1-Hour 000	24-Hour 000	1-Hour 000	24-Hour 000	1-Hour 000	24-Hour 000	1-Hour 000	24-Hour 000	1-Hour	24-Hour
Metric Target Range	≥ 0.70	≥ 0.70	1.0 ± 0.35	1.0 ± 0.35	$-10 \le b \le 10$	$-10 \le b \le 10$	75%*	75%*	-	-
Sensor1										
Sensor2										
Sensor3										
Mean										

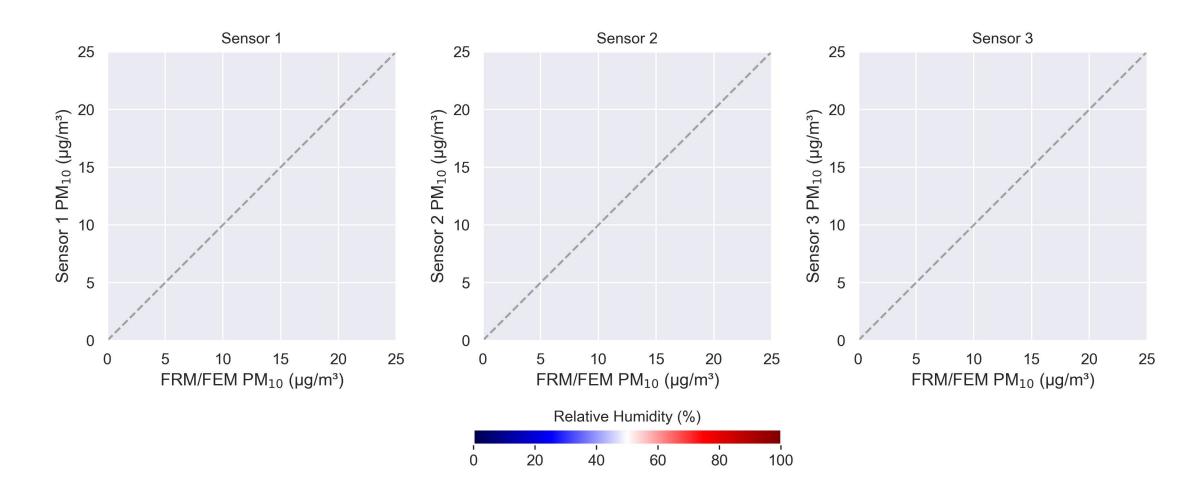
	Error						
		1SE /m³)	NRMSE (%)				
	1-Hour ☆	24-Hour ☆	1-Hour ☆	24-Hour ☆			
Metric Target Range	≤ 14.0	≤ 14.0	≤ 30.0	≤ 30.0			
Deployment Value							

 Device-specific metrics (computed for each sensor in evaluation) OO Metric value for none of devices tested falls within the target range OO Metric value for one of devices tested falls within the target range O Metric value for two of devices tested falls within the target range Metric value for three of devices tested falls within the target range
 Single-valued metrics (computed via entire evaluation dataset) ☆ Indicates that the metric value is not within the target range ★ Indicates that the metric value is within the target range

Sensor-Sensor Precision

	Prec	cision (between	collocated sens	sors)	Data Quality	
		:V %)		D /m³)		concurrent ntration pairs
	1-Hour ☆	24-Hour ☆	1-Hour ☆	24-Hour ☆	1-Hour	24-Hour
Metric Target Range	≤ 30.0	≤ 30.0	≤ 5.0	≤ 5.0	-	-
Deployment Value						

Sensor-FRM/FEM Scatter Plots



*This value is only a recommendation for ensuring data quality and is not included in the list of target values discussed in Section 4 of the Performance Testing Protocols, Metrics, and Target Values for Fine Particulate Matter Air Sensors document.

Testing Report – PM₁₀ **Base Testing** Manufacturer & Air Sensor Name

Deployment Number Testing Organization Contact Email / Phone Number Date

Image of device during deployment

Supplemental Information

Additional documentation may be attached or linked to digital versions alongside this report. Such documentation may include field reports and observations during the testing period, maintenance logs for sensors and FRM/FEM monitors, standard operating procedures, and other documentation relevant to this testing report (see below for examples).

Supplemental Documentation	Attached	Description & URL or file path to documentation
Field observations		
Maintenance logs		
Standard operating procedure(s)		
Photos of equipment setup and testing		
Product specifications sheet(s)		
Product manual(s)		
Deployment issues		
Data storage and transmission method		
Data correction approach		
Data analysis/correction scripts and version		
Air Monitoring Station QAPP		
Summary of FRM/FEM monitor QC checks		
Other documents		