

Recording/Analysis System ID:				
Status Notes:	Volpe Point-of-contact:			
Date Initiated:	Telephone:			
Date Updated:	Email:			
Date Completed:				
Applicant Point-of-contact:	Organization:			
Address:	Telephone:			
	Email:			
Basis for Validation :				
Instrumentation Specifics:				
Manufacturer:	Version ID:			
Model Designation:	Other:			
Firmware Version:				

Configuration being validated:							
Number of simultaneous channels: Tage of the simultaneous channels: Tage of the simultaneous channels: Tage of the simultaneous channels:		Time-averaging mode:					
		Time-averaging period, sec:					
		Averaging time-constant, sec:					
Sample Rate (per channel), Hz: Fil-		Filter design type:					
Bit-depth (per channel):		Media type:					
Spectrum output interval, ms:		Data format:					
Filter octave frequency ratio:	Po	wer s	ource:				
Overall Analyzer IEC61260-1 conformance: Class 2 Class 1 Class 0 N/A							
Analyzer conformance specifics:		Pas	S		Fail		
Relative attenuation (filter response shape)							
Filter Integrated Response ("bandwidth error")							
Real-time operation							
Summation of output signals							
Output resolution equal to or better than 0.1 dB							
Linear time integration within ±5ms of 500ms							
Slow exponential time interval within ±5ms of 500ms							
Data loss < 5ms per 500 ms sample							
Response @ center frequencies, 50 Hz – 10 kHz within ±1.5 dB							

System conformance specifics:	Pass	Fail	
Amplitude linearity			
Anti-aliasing			
Analog anti-aliasing filter prior to digitization			
Frequency response			
Quantify level range steps			
Maximum input signal / Overload characteristics			
Full-scale identification			
Noise floor			
Inter-channel crosstalk			
Environmental sensitivity			
Power supply check			
Data validation			
Other (specify):			
Performance summary:			
Approximate usable dynamic range, dB:			
Approximate usable frequency bandwidth, Hz:			

Limitations, unique capabilities, etc. :				
Comments:				

Validation Activity History Log

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Date:	Initiated By:	Description: