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# Certificate of Conformity

## IEC 61000-4-30 Class A

**SONEL – PQM-702, PQM-703, PQM-710 & PQM-711 Series**  
 with compatible GPS antenna

**IEC 61000-4-30 Ed. 2**  
 230V, 50/60 Hz, L-N  $U_{din}$  for all parameters

61000-4-30 Section	Power Quality Parameter	Class A Compliance	Class S Compliance	Class B Compliance	Remarks
5.1	Power frequency	Yes	Yes	Yes	
5.2	Magnitude of the supply voltage	Yes	Yes	Yes	
5.3	Flicker	Yes	Yes	(N/A)	
5.4	Supply voltage dips and swells	Yes	Yes	Yes	
5.5	Voltage interruptions	Yes	Yes	Yes	
5.7	Supply voltage unbalance	Yes	Yes	Yes	
5.8	Voltage harmonics	Yes	Yes	Yes	
5.9	Voltage interharmonics	Yes	Yes	Yes	
5.10	Mains signaling voltage	Yes	Yes	Yes	
5.12	Underdeviation and overdeviation	Yes	(N/A)	(N/A)	
4.4	Measurement aggregation intervals	Yes	Yes	Yes	
4.6	Time-clock uncertainty	Yes	Yes	Yes	Tested with GPS Antenna
4.7	Flagging	Yes	Yes	(N/A)	
6.1	Transient influence quantities	Yes	(N/A)	(N/A)	Tested PQM 711

(N/A) – Not Applicable. There is no requirement in the Standard.

This certificate summarizes the results of the PSL IEC 61000-4-30 Power Quality Measurement Methods Compliance Report, document #PSL 61000-4-30 Ed 2 Test Report – SoneI– PQM dated 30 September 2014. PSL tested two samples, Model PQM-702 S/N AZ0191 & PQM-711 S/N BS0009, at 230VAC, 50/60 Hz. Manufacturer states that these samples are representative of the PQM-702, PQM-703, PQM-710 & PQM-711 series.



PQM-702, 703, 710 & 711 - SoneI

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