stationView Quality Parameters

Parameter	Description	Units	Desired range
availability	Amount of data available for processing over the past 7 days	% in last 1 days	100
delay	Time difference between arrival time of last record and now	seconds	Less than 1 second
gaps count	Number of gaps per unit of time	number of gaps / last 1 days	0
overlaps count	Number of overlaps per unit of time	number of overlaps / last 1 days	0
rms	Offset corrected root mean square (RMS) value of a record calculated over last 10 minutes	counts	*This depends on site news and if an earthquake is passing by, etc. In general, it is best for this to be as low as possible during "quiet" times.*
Spikes amplitude	In case of the occurrence of a spike in the data stream, this parameter delivers the time interval between adjacent spikes and the mean amplitude of the spikes.	seconds, counts	0,0
spikes count	Number of spikes per unit of time	number of spikes / last 1 days	0
spikes interval	Time between	seconds	0

	spikes for the last 10 minutes		
Planned for future integration:			
Uptime	Time since station came online	Seconds, minutes, days, weeks, years	Seconds >> Years
% Uptime	The percentage of time that the station has been successfully transmitting data over the past week	%	100%

stationView Ground Motion Parameters

Parameter	Description	Units	Desired range
Acceleration	Peak Ground Acceleration, last 10 seconds (las 5 minutes)	micrometers/second^2	Level noise <0.5
Velocity	Peak Ground Velocity, last 10 seconds (las 5 minutes)	micrometers/second	Level noise <0.1
Displacement	Peak Ground Displacement, last 10 seconds (las 5 minutes)	micrometers	Level noise ~0