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# Study Examples for Infrasound Stations

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Recent development in infrasound noise models (Marty et al, 2021) and progress in digitizers' and microbarometers' design allows the introduction of precise infrasound noise studies for new installation and for station upgrades. IMS/ED/SA has compiled a library of equipment self noise data and background infrasound noise data of IMS infrasound stations based on percentile calculations. The presented noise study charts show the results of the studies at multiple IMS stations. The outcome suggests revision of the IMS minimum requirements for infrasound station specifications in the part of microbarometer and system noise.

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## Promotional text

The recent development in infrasound noise models and progress in digitizers' and microbarometers' design suggest revision of the IMS minimum requirements for infrasound station specifications in the part of microbarometer and system noise.

## Oral preference format

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