

An investigation of the noise as recorded by the SANA E SHARE radar

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The noise figures as recorded in the summary files of the SANA E radar are investigated. 11 years of data spanning one complete solar cycle are used to extract noise figures. These are then averaged over half-hour periods to be comparable to the previously reported statistics. Comparisons between different beams and different conditions have not yielded conclusive results as yet. However, the monthly plots reveal some interesting features, particularly as it appears there are two basic types of noise. Whether or even if these two types are instrumental or sky dominated is at present unclear.