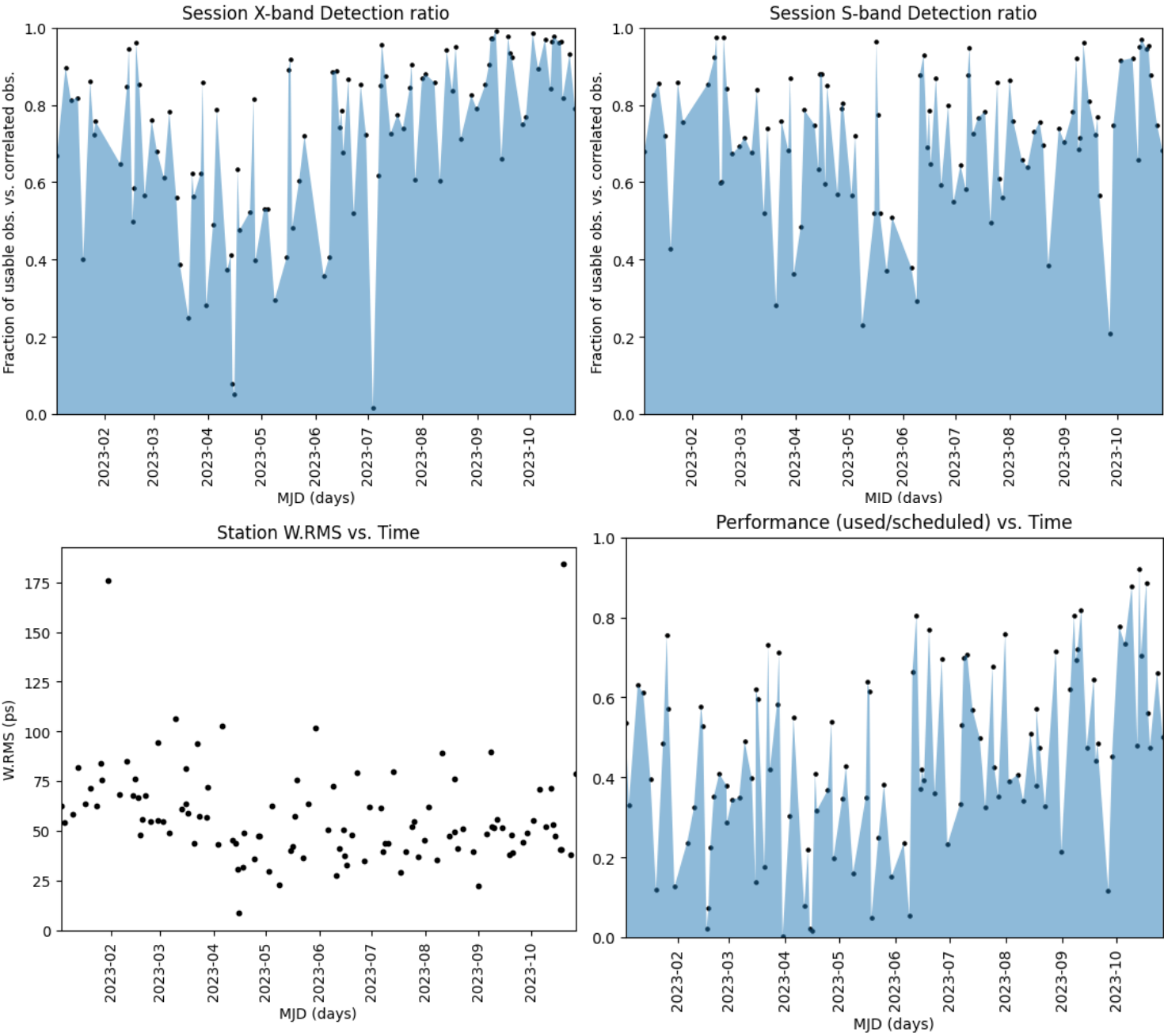


# Ke station report

Ke data extracted for time range 2023-01-01 through 2023-10-27...  
Total number of Ke sessions matching search criteria: 116  
Total number of Ke observations across all sessions matching search criteria: 85995  
Median X-band detection rate: 0.7785  
Median S-band detection rate: 0.739



## Reported issues (as extracted from analysis reports)

r11085: KATH12M.  
r11086: KATH12M (Ke) No lsb channels present. Antenna errors (18:44-19:30) (06:52-07:37).  
aov079: KATH12M (Ke) Observed with the sampler set to a bandwidth of 8 MHz rather than 16 MHz.  
aia096: KATH12M (Ke) Excluded from processing due to frequency configuration error.  
r41087: KATH12M (Ke) Observed in mixed mode (X, Y polarization instead of R)  
aum065: KATH12M (Ke): Setup issue caused station to be using wrong frequency config  
aum066: KATH12M (Ke): Setup error with frequency configuration, station excluded ■ from process  
r41089: KATH12M (Ke) Observed in mixed mode (X, Y polarization instead of R)  
r41090: KATH12M (Ke) Clock break at 2023-047-183000 (0.014 usec).  
r11091: KATH12M (Ke) Did not observe first 7.5 hrs.  
r41092: KATH12M (Ke) SAR tracking (061-20:47 -- 061-20:51)  
r41093: KATH12M at 069-09:52.  
r11095: KATH12M (Ke) Power outage and failure to track sources resulted in just ~7 hr  
r41095: KATH12M (Ke) Applied manual phase calibration  
r11096: KATH12M.  
aov081: KATH12M -YARRA12M KOGANEI -WARK12M  
r41096: KATH12M (Ke) Applied manual phase calibration  
r41097: KATH12M (Ke) Applied manual phase calibration  
r41098: KATH12M (Ke) Observed in mixed mode with polarizations X, Y Applied manual phase cal  
r11100: KATH12M (Ke) ACU comm problems resulting in some late on sources. Too much non-detections.  
aov082: KATH12M (Ke) Participated used VGOS broadband receivers and X/Y polarisations.  
r41100: KATH12M\*\*\*  
r11101: KATH12M observed in mixed mode with polarizations X, Y.  
r41101: KATH12M (Ke) Observed in mixed mode with polarizations X, Y Applied manual phase cal  
r11102: KATH12M (Ke) Observed with dual linear polarisation X,Y. Very bad performance of  
r41102: KATH12M (Ke) Recorded data was not usable. Removed from session.  
r11103: KATH12M (Ke) Very large amount of non-detections.  
aov083: KATH12M (Ke) Observed in mixed mode with polarizations X,Y (Processed as L,R)  
r41103: KATH12M URUMQI\*\*\*  
r11104: KATH12M (Ke) Too much non-detections (~60% of the total data).  
r41104: KATH12M (Ke) Observed with 2-bit sample depth (other stations observed 1-bit) Used w  
r11105: KATH12M (Ke) S-band input off (17:00-22:45).  
aia101: KATH12M (Ke) Not correlated. Setup issue caused incorrect recorded channel width.  
r41106: KATH12M (Ke) Applied manual phase calibration  
aov084: KATH12M (Ke) No data for the last ~3 hrs of the session.  
r41107: KATH12M (Ke) Observed with polarizations X and Y Applied manual phase calibration  
r11108: KATH12M (Ke) Observed with dual linear polarisation X,Y.  
r41108: KATH12M (Ke) Included in AUS-style mixed polarization mode Applied manual phase cali  
r11109: KATH12M (Ke) One disk missing. Observed with dual linear polarisation X,Y  
r41109: KATH12M (Ke) Applied manual phase calibration  
r11110: KATH12M (Ke) No fringes in X-band - neither without zoomband correlation. The  
r41110: KATH12M (Ke) Halted: 2023-187-184100 -- 2023-187-185337, 2023-187-190040, 2023-187-191424 -- 2023-18  
aum075: KATH12M.  
r11111: KATH12M (Ke) Observed with dual linear polarisation X,Y.  
r41111: KATH12M (Ke) Observed in mixed mode with polarizations X,Y Applied manual phase cali  
r11112: KATH12M (Ke) Receiver pc rebooted (03:15,03:58). Observed with dual linear polarisation X,Y.  
r41112: KATH12M (Ke) Applied manual phase calibration  
r11113: KATH12M (Ke) Antenna reset: 2023-206-044542 -- 2023-206-045406  
aia102: KATH12M (Ke) 10 minute late start.  
r41113: KATH12M (Ke) Applied manual phase calibration  
r11114: KATH12M (Ke) Observed with dual linear polarisation X,Y  
aia103: KATH12M (Ke) Corrupted bitmask lost the X-pol datastreams - X-pol data excluded using  
r11115: KATH12M (Ke) Observed with dual linear polarisation X,Y and 16 MHz channel width which  
r11117: KATH12M (Ke) Minused out: (late start) 2023-234-170000 -- 2023-234-172430. Observed  
r41119: KATH12M (Ke) Applied manual phase calibration.  
r11120: KATH12M (Ke) Observed with dual linear polarisation R,L  
r41120: KATH12M (Ke) Applied manual phase calibration.  
r41121: KATH12M (Ke) Applied manual phase calibration; 84% of 0 codes in S band due  
r11122: KATH12M (Ke) Observed with dual linear polarisation X,Y Very poor performance  
r41122: KATH12M (Ke) Applied manual phase calibration.  
vo3278: KATH12M (Ke) Very noisy observations.  
r11124: KATH12M (Ke) Observed with dual linear polarisation X,Y.  
r41124: KATH12M (Ke) Minused out for missing scans 2023-286-070640 -- 2023-286-095417 Applie  
aum082: KATH12M (Ke) Station pulled for an LBA session, then drives issues, resulting in  
r41125: KATH12M (Ke) Applied manual phase calibration  
r41126: KATH12M (Ke) Applied manual phase calibration