

LoCo Lab EDGES Memo 176
Preliminary Analysis of Mid-Band Data from Feb to Apr 2020:
Part 2

Raul Monsalve
McGill University
raul.monsalve@mcgill.ca

April 14, 2020

1 Description

Here we show a re-processing of the data shown in LoCo Memo 175 using receiver calibration and internal switch parameters from November 2019. The rest of the processing details are as discussed in Memo 175.

2 Figures

All the figures show residuals for data with beam correction applied, and after subtracting a 5-term LinLog model.

- Figure 1: residuals in the range 60-120 MHz every 0.5 hrs between 0 and 24 hrs.
- Figure 2: residuals in the range 63-117 MHz every 0.5 hrs between 0 and 24 hrs.
- Figure 3: residuals in the range 65-110 MHz every 0.5 hrs between 0 and 24 hrs.
- Figure 4: residuals in the range 60-120 MHz every 0.5 hrs between 4 and 19 hrs.
- Figure 5: residuals in the range 63-117 MHz every 0.5 hrs between 4 and 19 hrs.
- Figure 6: residuals in the range 65-110 MHz every 0.5 hrs between 4 and 19 hrs.
- Figure 7: residuals in the range 63-117 MHz every 2 hrs between 0 and 24 hrs.
- Figure 8: residuals in the range 65-110 MHz every 2 hrs between 0 and 24 hrs.
- Figure 9: residuals in the range 63-117 MHz every 3 hrs between 0 and 24 hrs.
- Figure 10: residuals in the range 65-110 MHz every 3 hrs between 0 and 24 hrs.

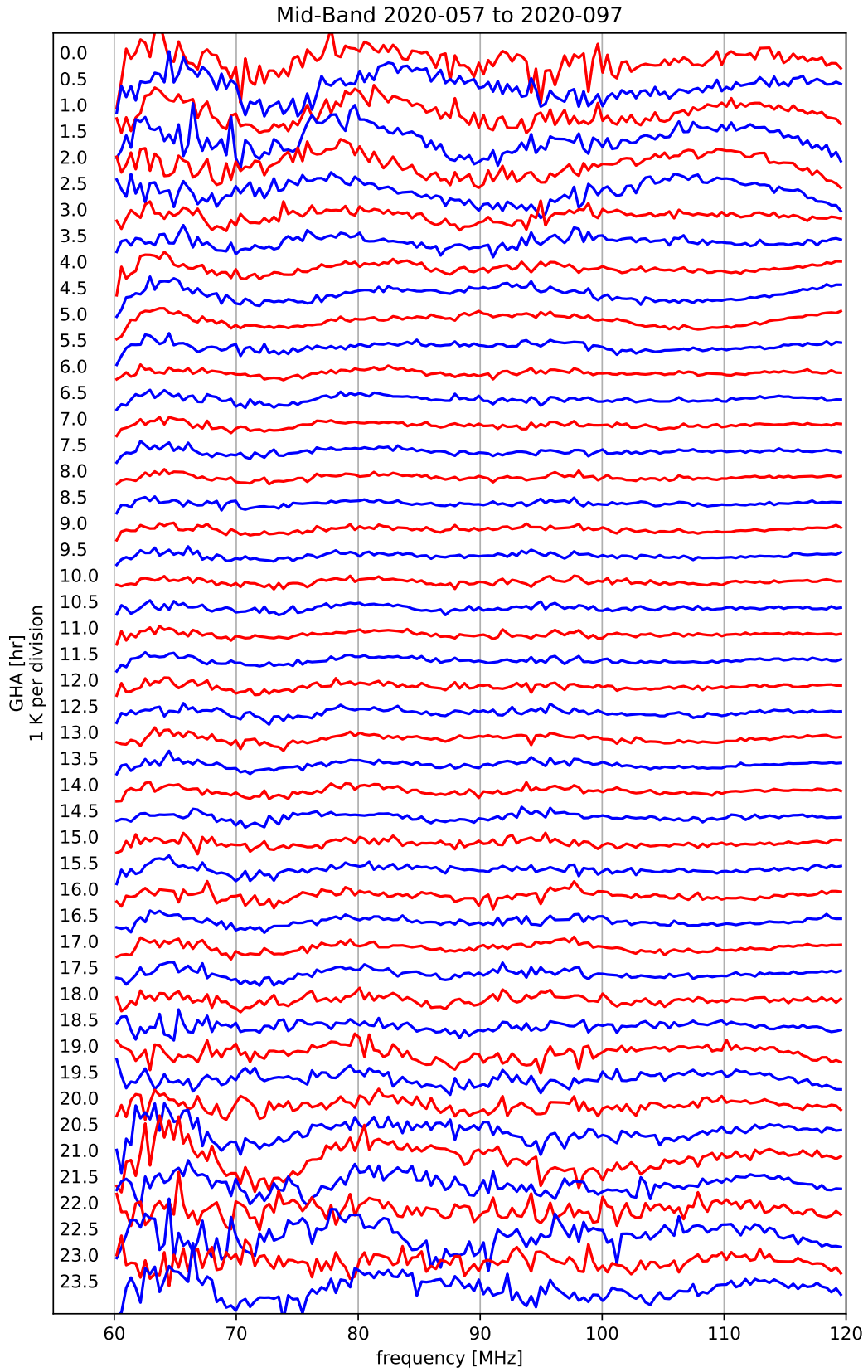


Figure 1: Residuals in the range 60-120 MHz every 0.5 hrs between 0 and 24 hrs.

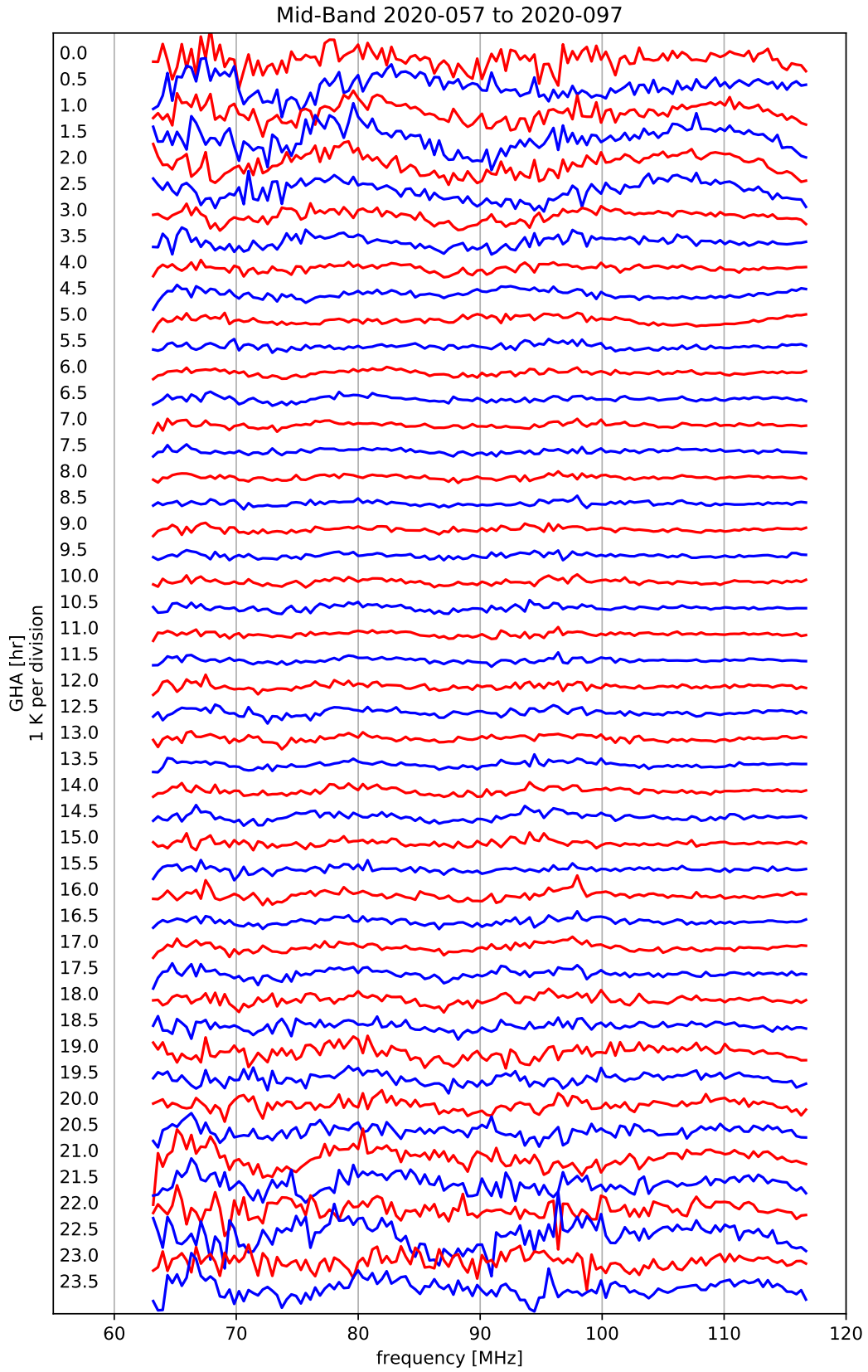


Figure 2: Residuals in the range 63-117 MHz every 0.5 hrs between 0 and 24 hrs.

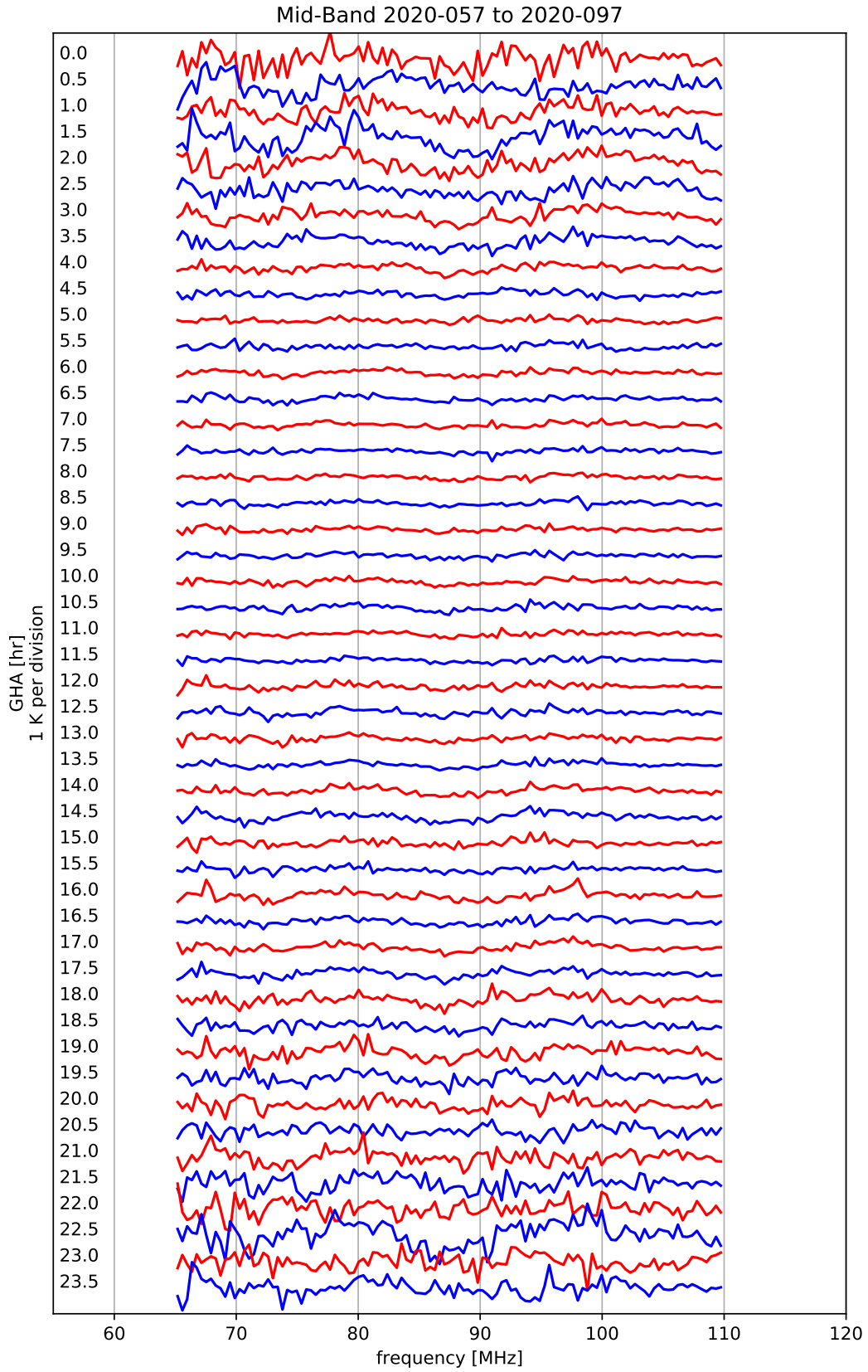


Figure 3: Residuals in the range 65-110 MHz every 0.5 hrs between 0 and 24 hrs.

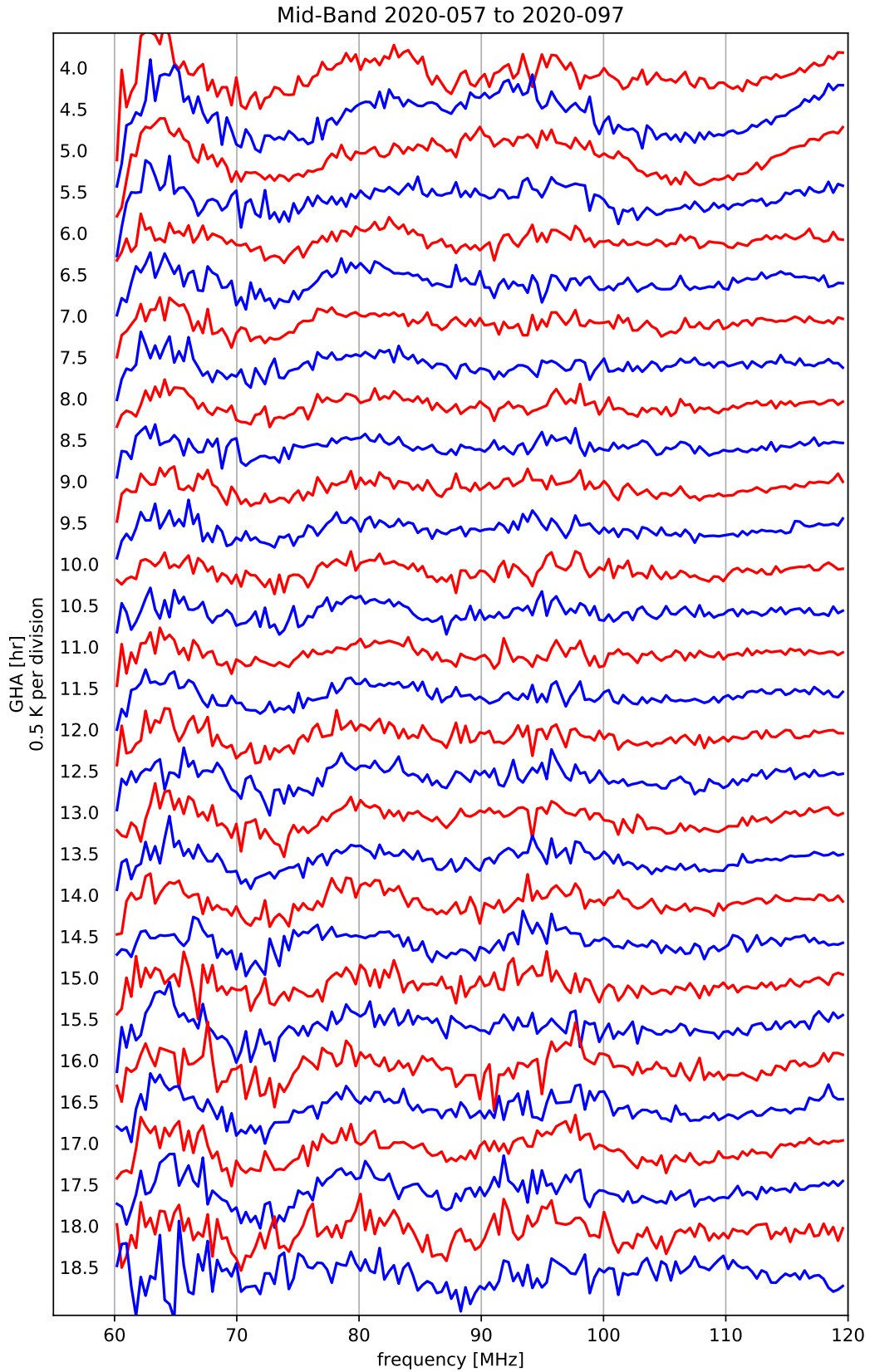


Figure 4: Residuals in the range 60-120 MHz every 0.5 hrs between 4 and 19 hrs.

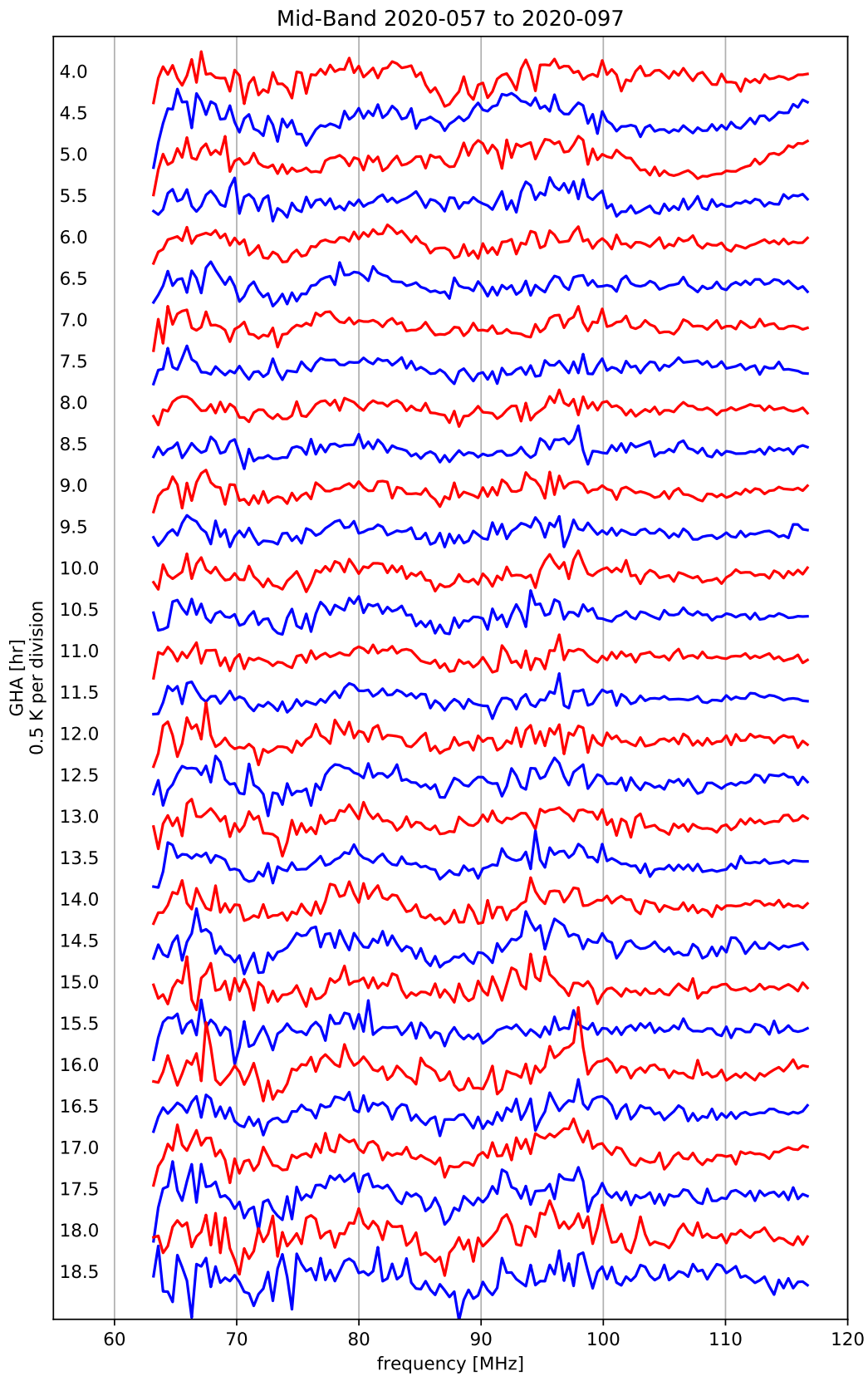


Figure 5: Residuals in the range 63-117 MHz every 0.5 hrs between 4 and 19 hrs.

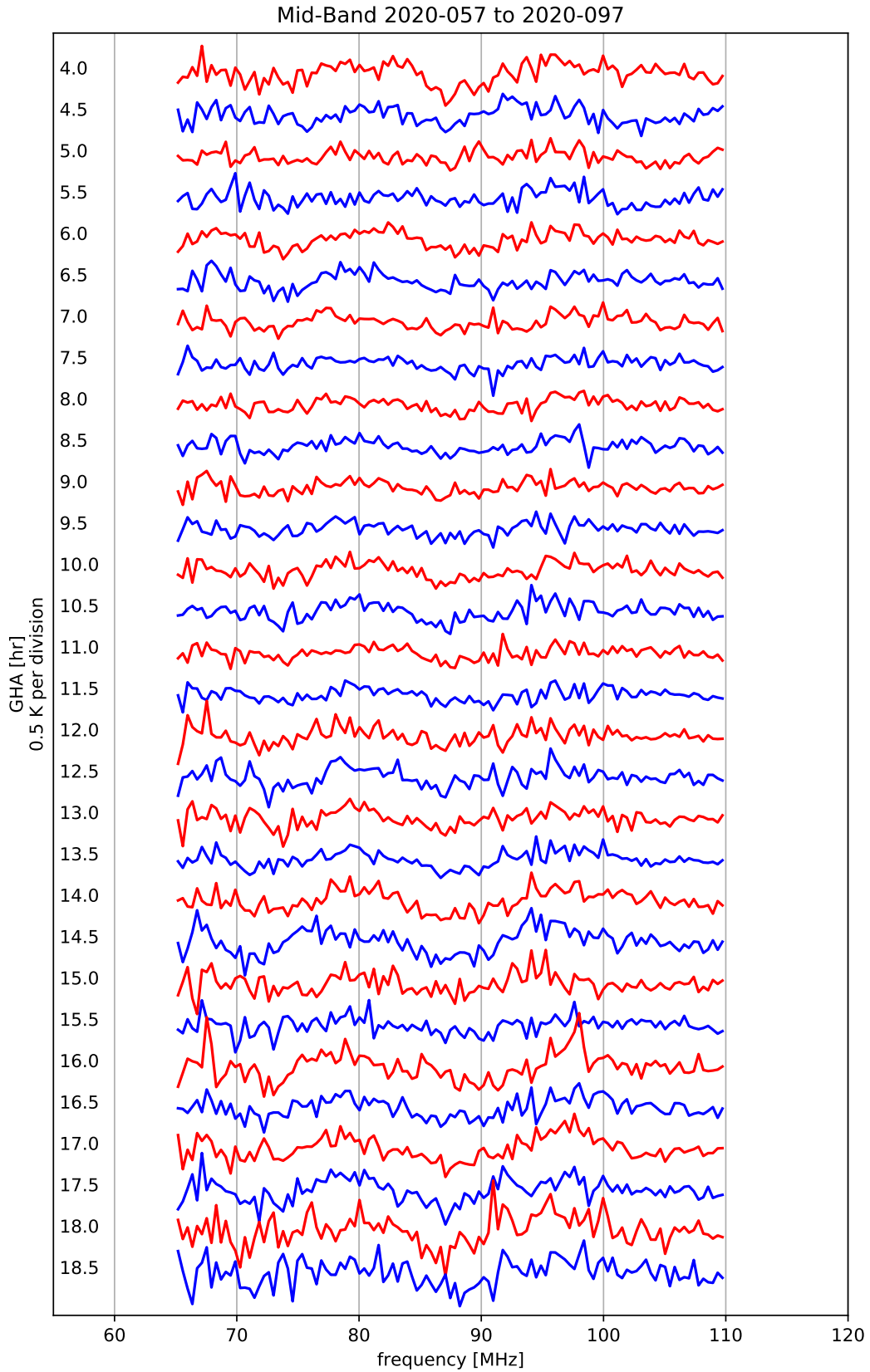


Figure 6: Residuals in the range 65-110 MHz every 0.5 hrs between 4 and 19 hrs.

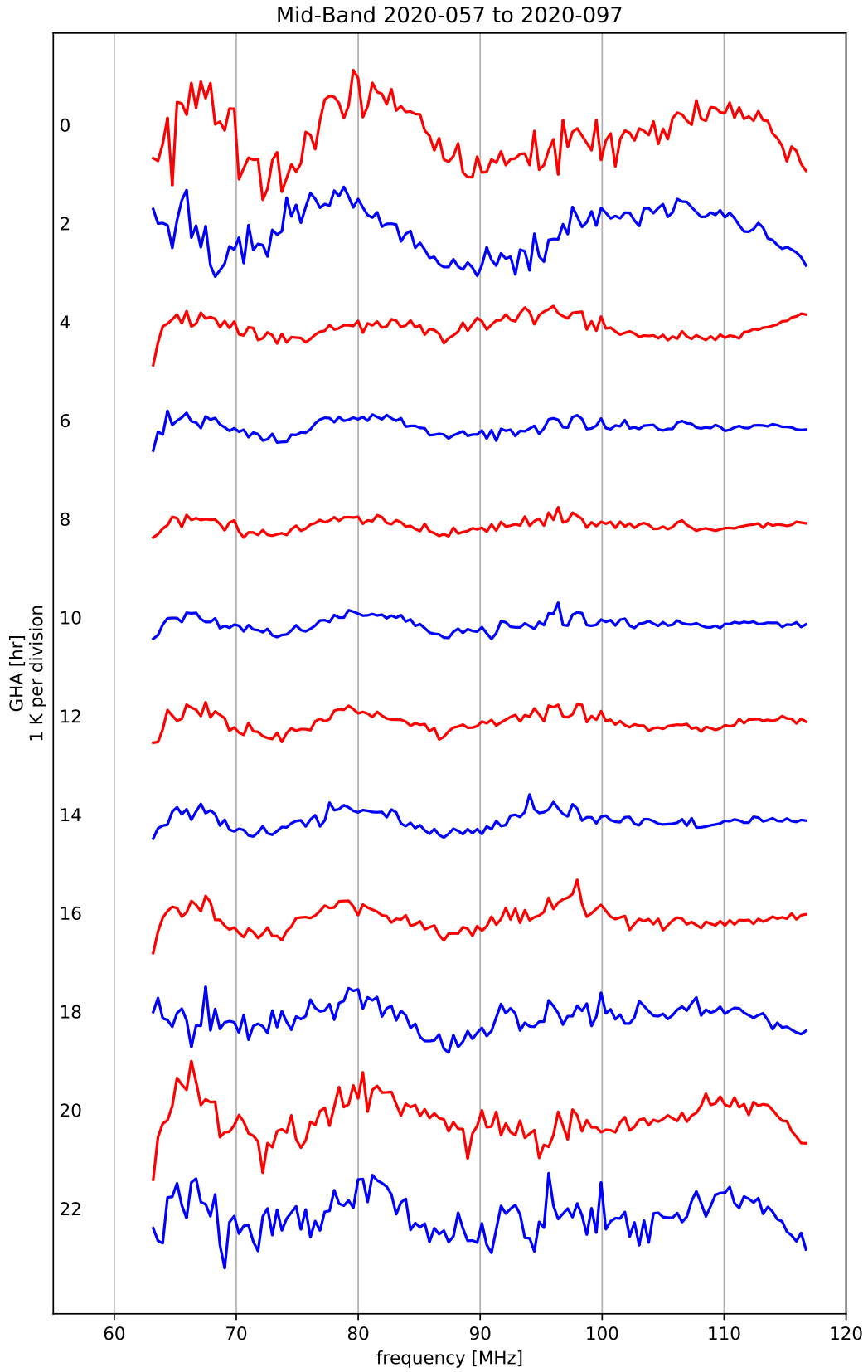


Figure 7: Residuals in the range 63-117 MHz every 2 hrs between 0 and 24 hrs.

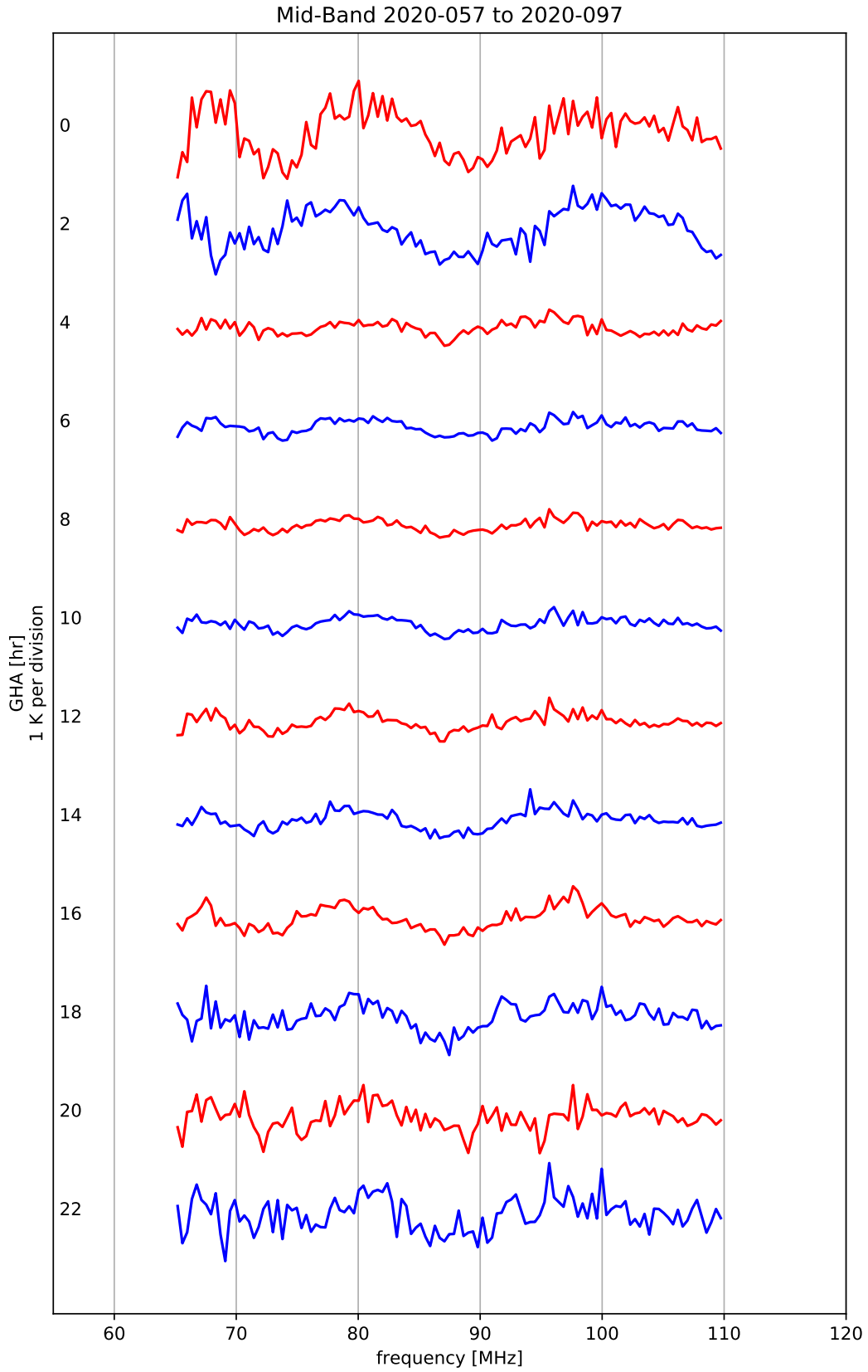


Figure 8: Residuals in the range 65-110 MHz every 2 hrs between 0 and 24 hrs.

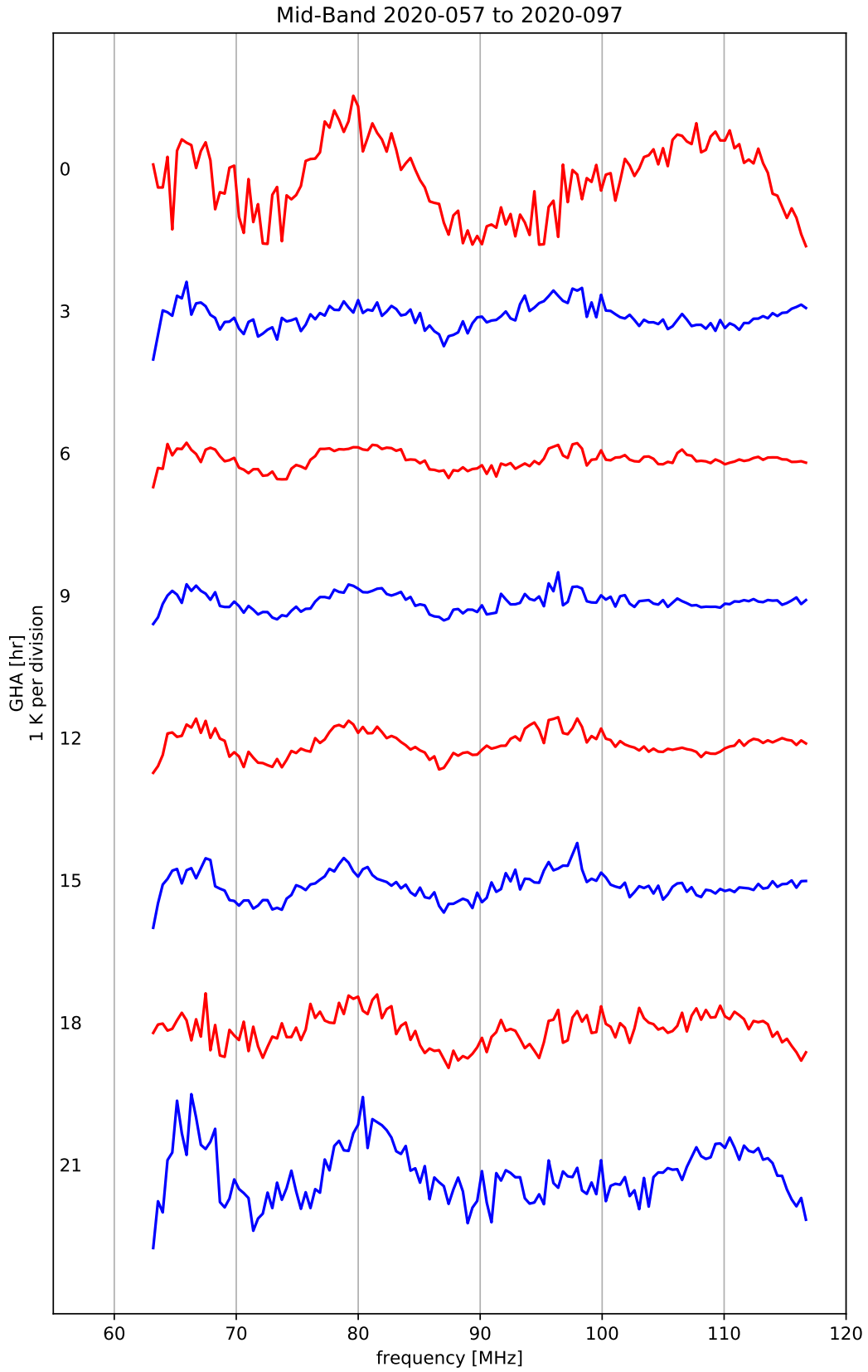


Figure 9: Residuals in the range 63-117 MHz every 3 hrs between 0 and 24 hrs.

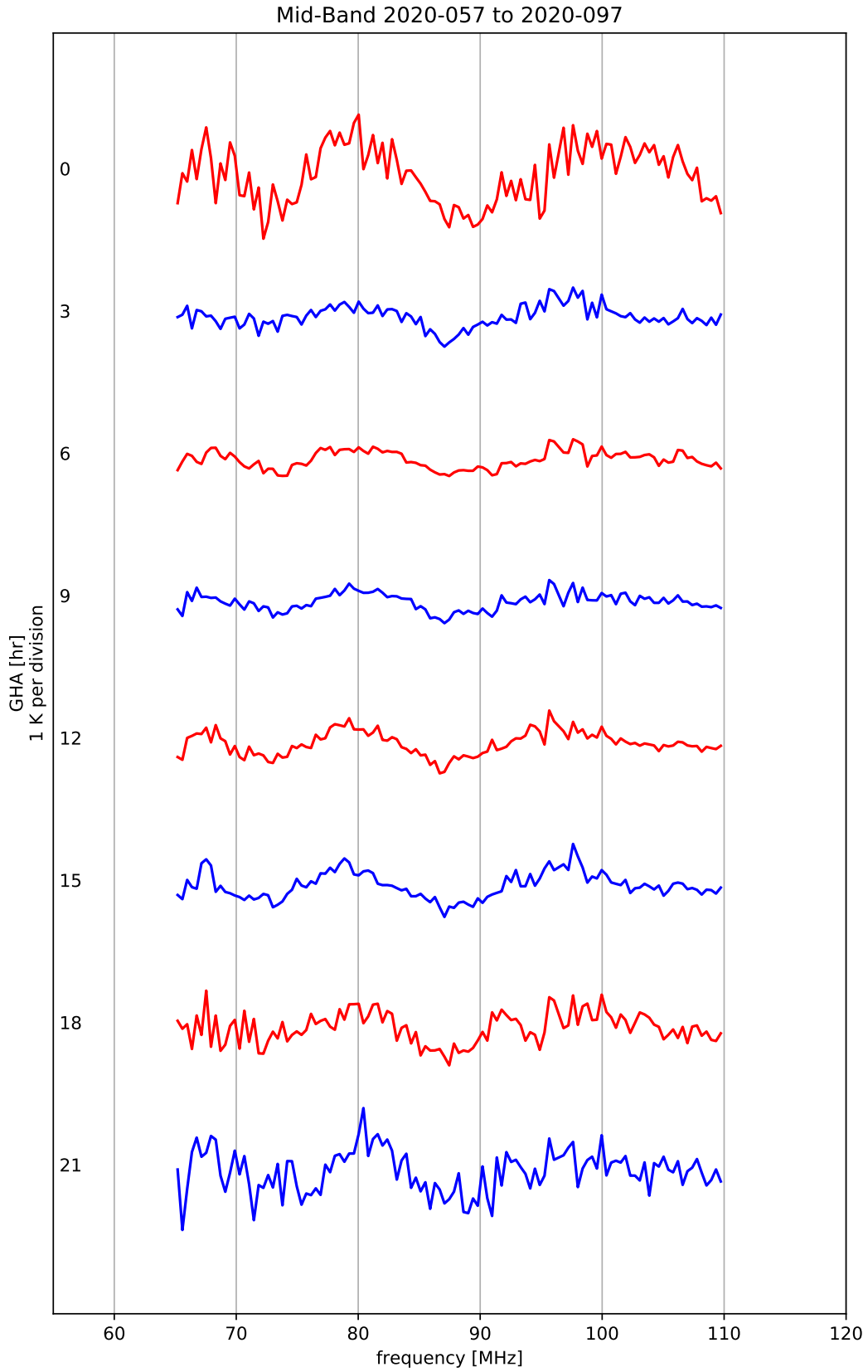


Figure 10: Residuals in the range 65-110 MHz every 3 hrs between 0 and 24 hrs.