

Supporting figures

Captions:

Supp. Figure 1: ESF/Plasma bubble on 06-11-2022, 01:30-03:30 UT, traces from 6MHz, analyzed using eq. 3

Supp. Figure 2: ESF/Plasma bubble on 07-11-2022, 02:15-04:00 UT, traces from 6MHz, analyzed using eq. 3

Supp. Figure 3: ESF/Plasma bubble on 09-11-2022, 00:00-01:45 UT, traces from 6MHz, analyzed using eq. 3

Supp. Figure 4: ESF/Plasma bubble on 07-11-2022, 04:15-07:00 UT, traces from 6MHz, analyzed using eq. 3

Supp. Figure 5: ESF/Plasma bubble on 16-11-2022, 04:00-07:20 UT, traces from 6MHz, analyzed using eq. 3

Supp. Figure 6: ESF/Plasma bubble on 02-03-2023, 04:30-06:15 UT, traces from 6MHz, analyzed using eq. 3

Supp. Figure 7: ESF/Plasma bubble on 06-11-2022, 01:30-03:30 UT, traces from 4MHz, analyzed using eq. 3

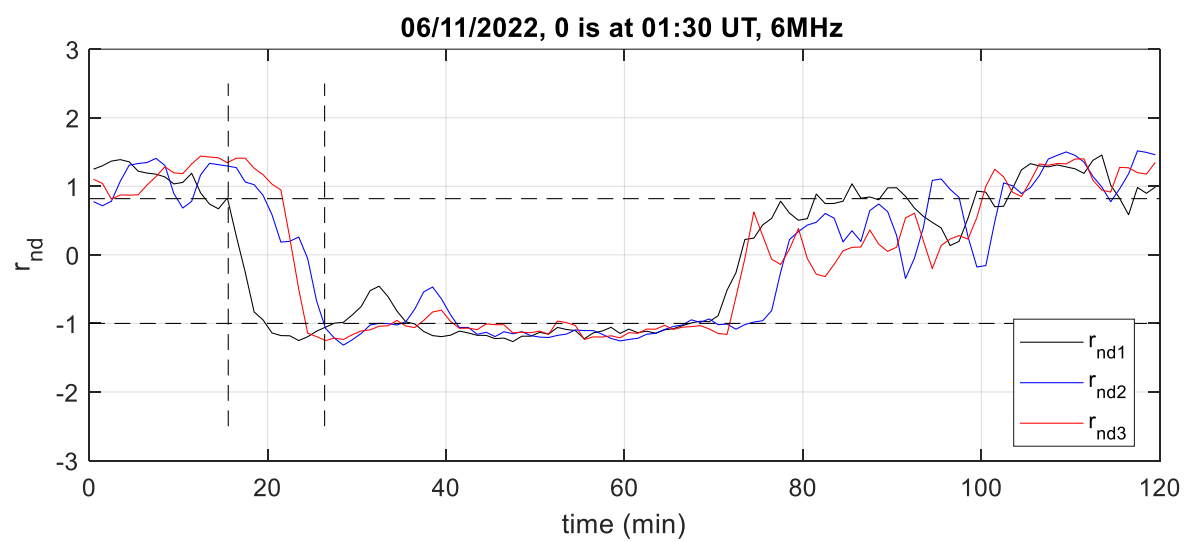
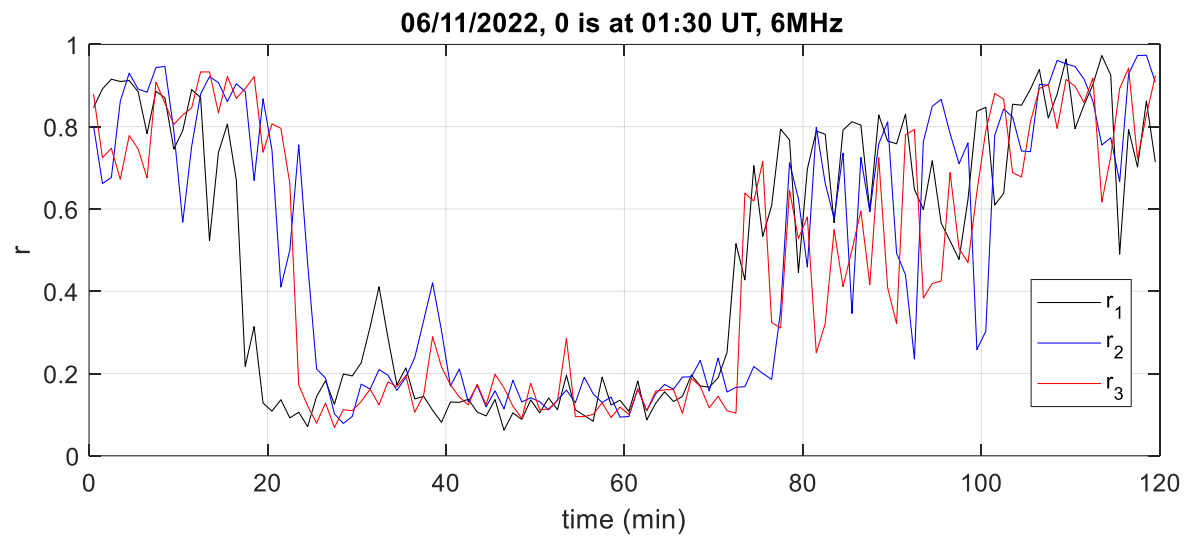
Supp. Figure 8: ESF/Plasma bubble on 07-11-2022, 02:15-04:00 UT, traces from 4MHz, analyzed using eq. 3

Supp. Figure 9: ESF/Plasma bubble on 09-11-2022, 00:00-01:45 UT, traces from 4MHz, analyzed using eq. 3

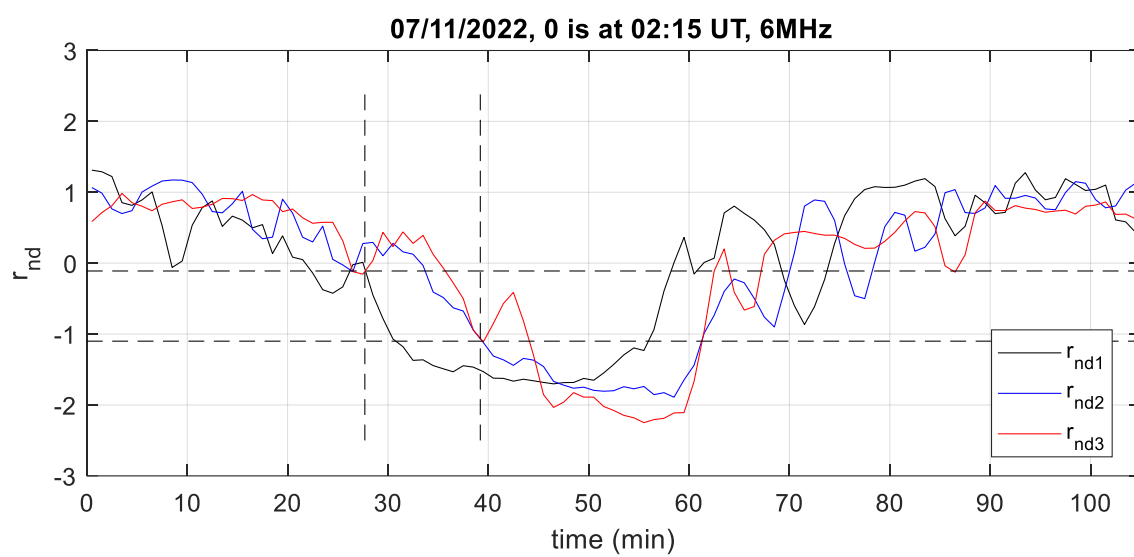
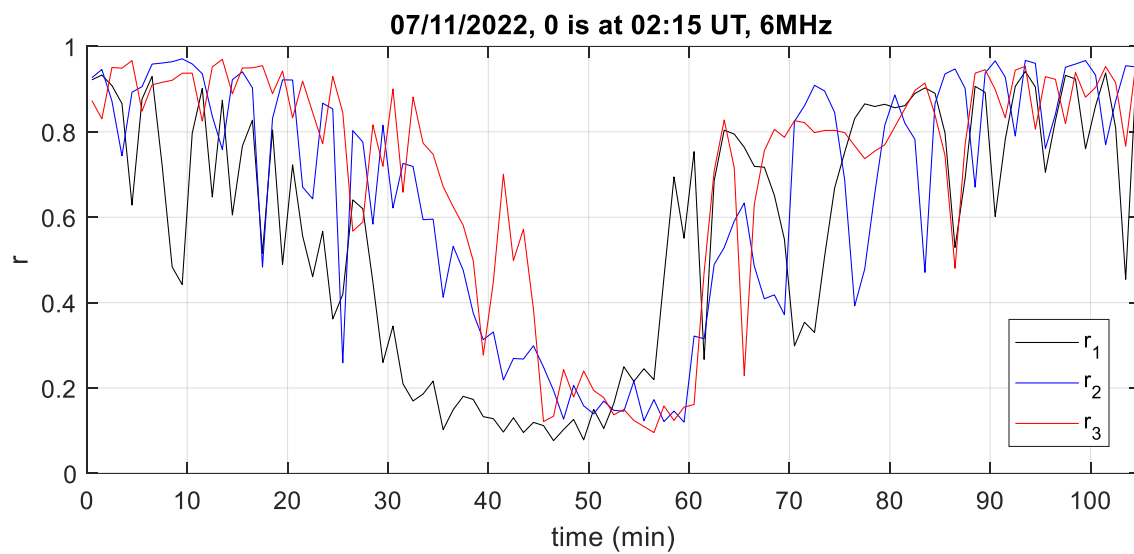
Supp. Figure 10: ESF/Plasma bubble on 07-11-2022, 04:15-07:00 UT, traces from 4MHz, analyzed using eq. 3

Supp. Figure 11: ESF/Plasma bubble on 16-11-2022, 04:00-07:20 UT, traces from 4MHz, analyzed using eq. 3

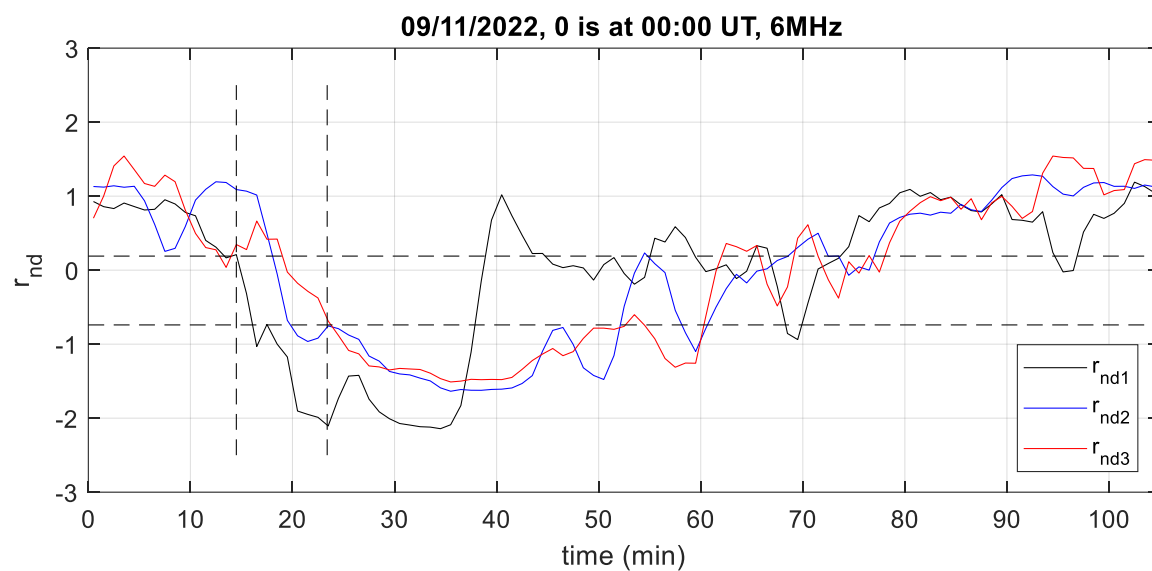
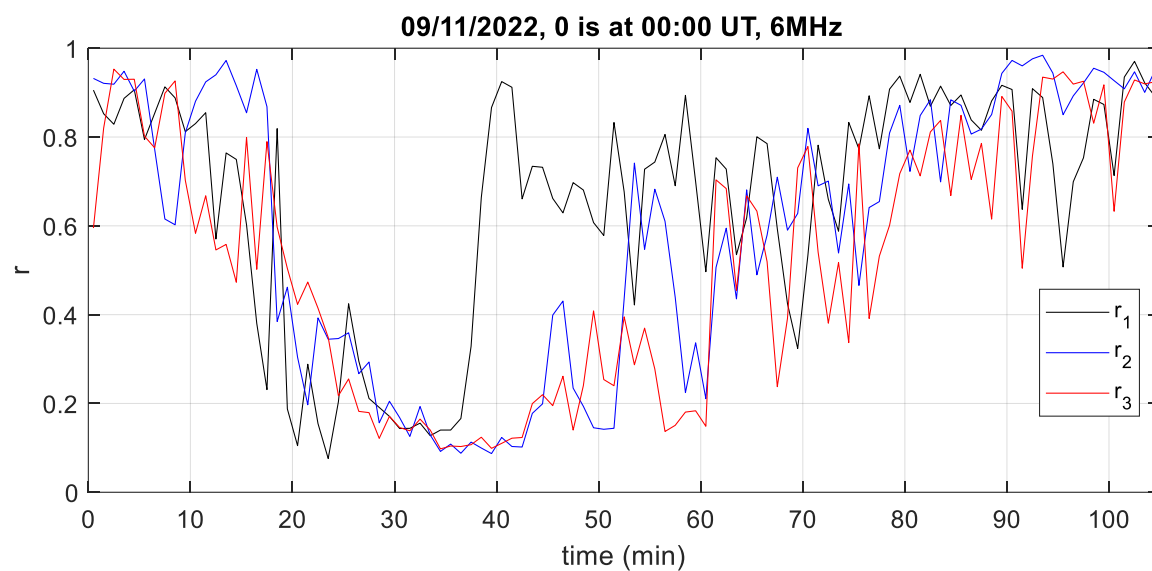
Supp. Figure 12: ESF/Plasma bubble on 02-03-2023, 04:30-06:15 UT, traces from 4MHz, analyzed using eq. 3



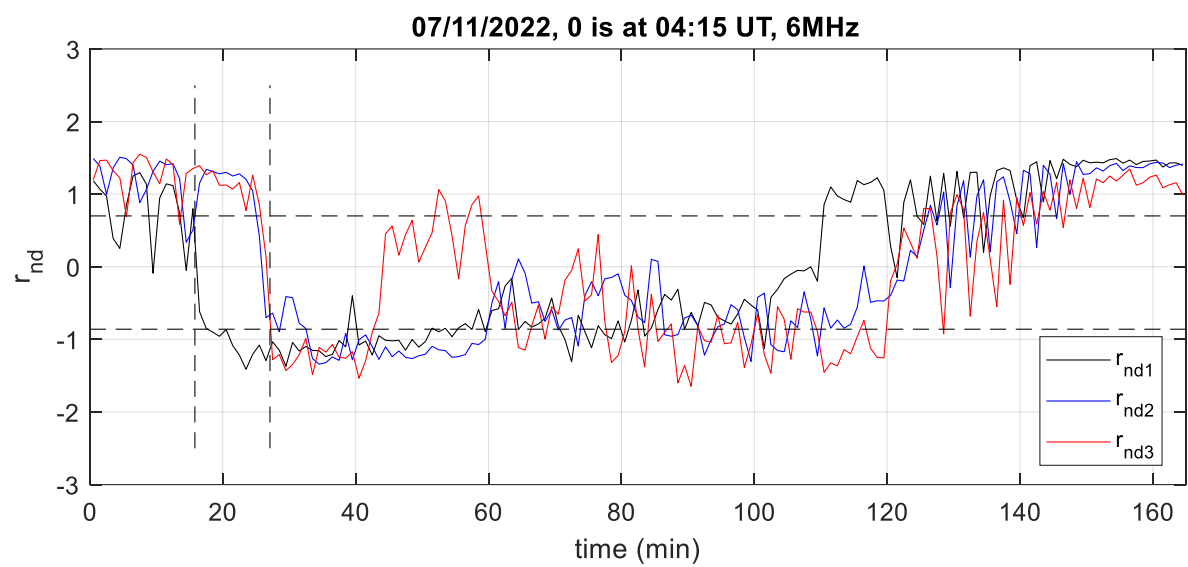
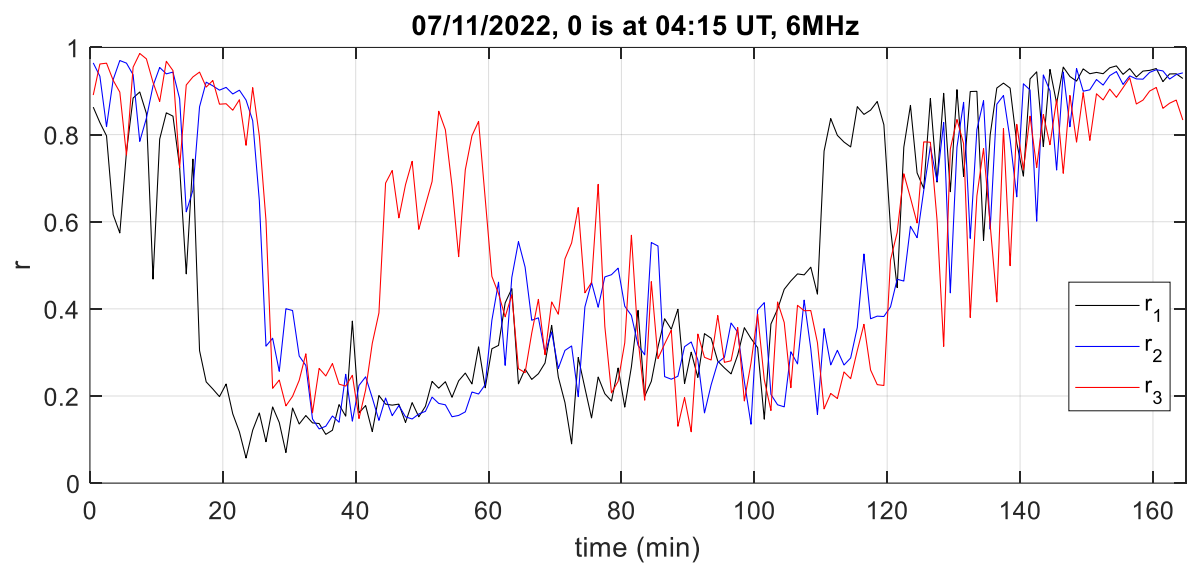
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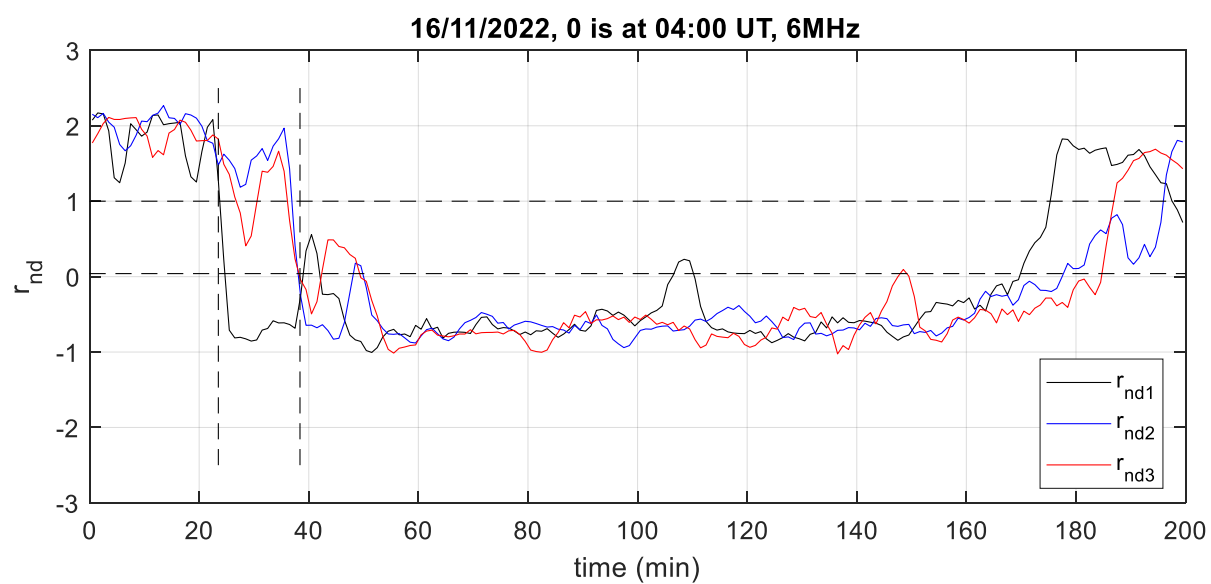
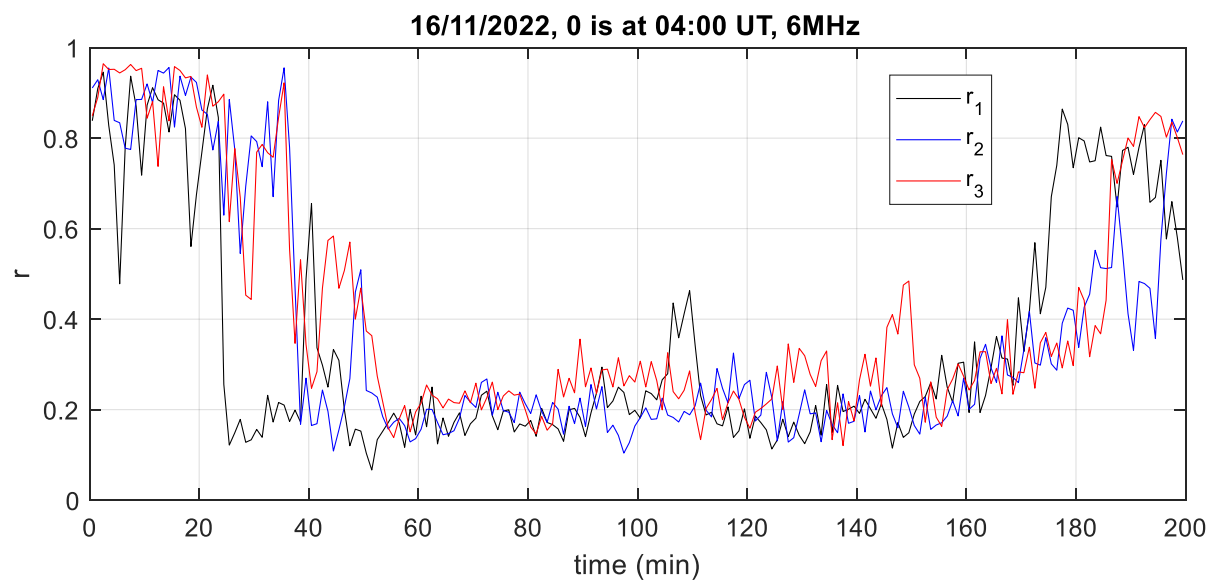
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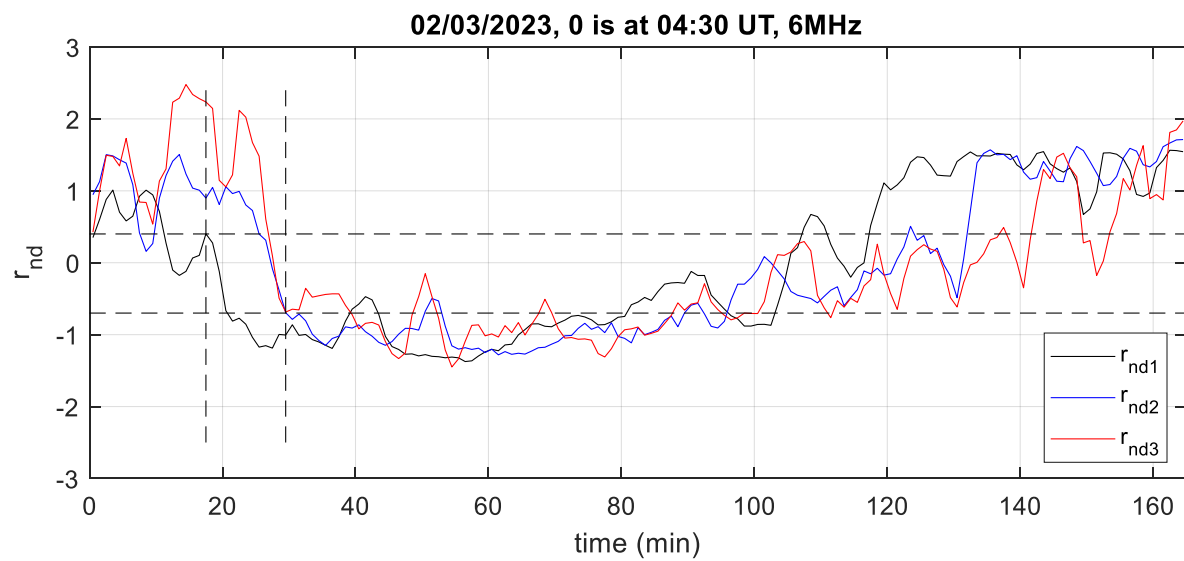
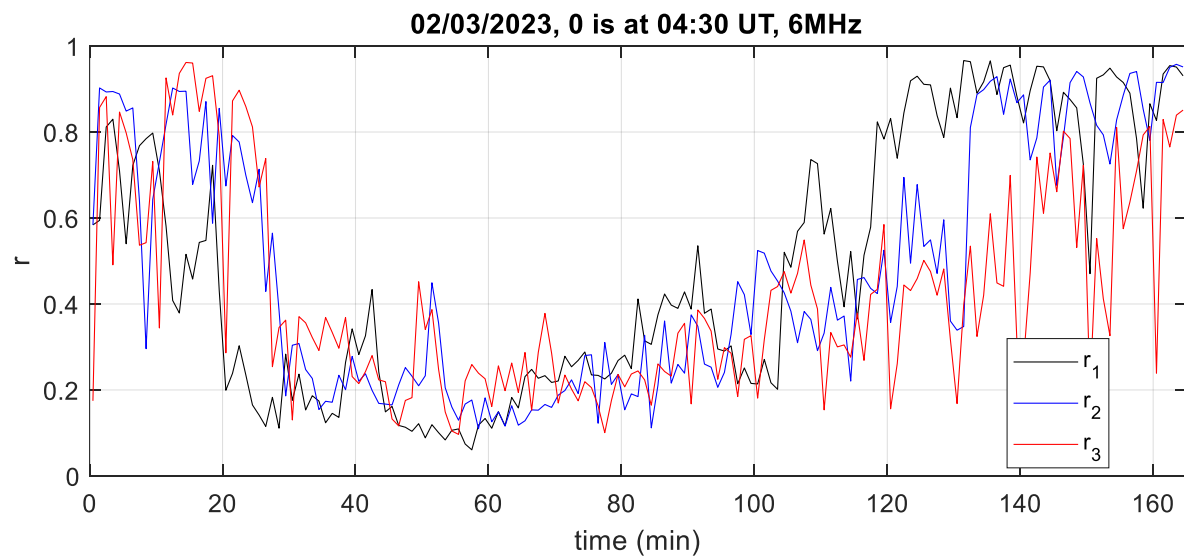
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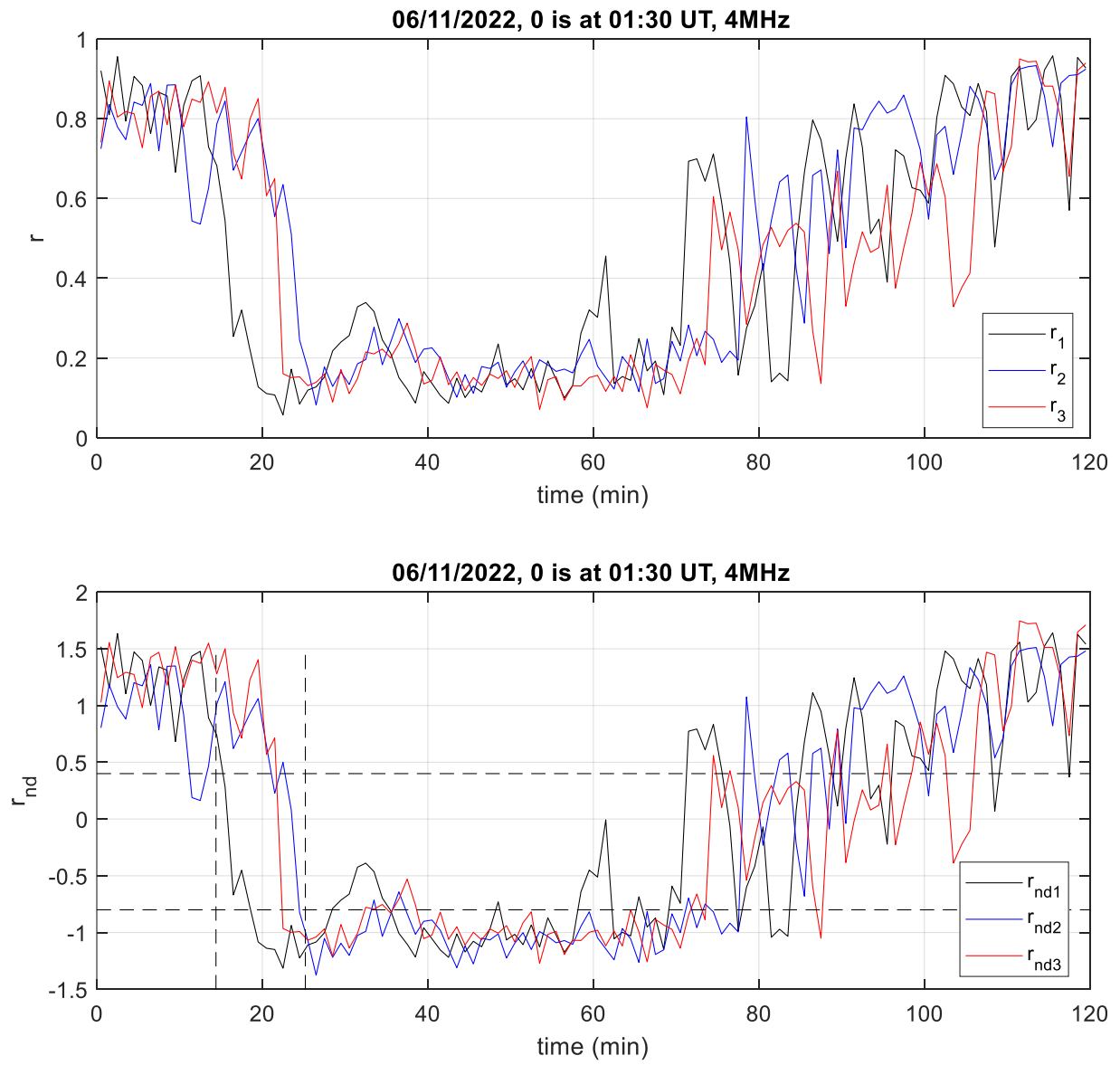
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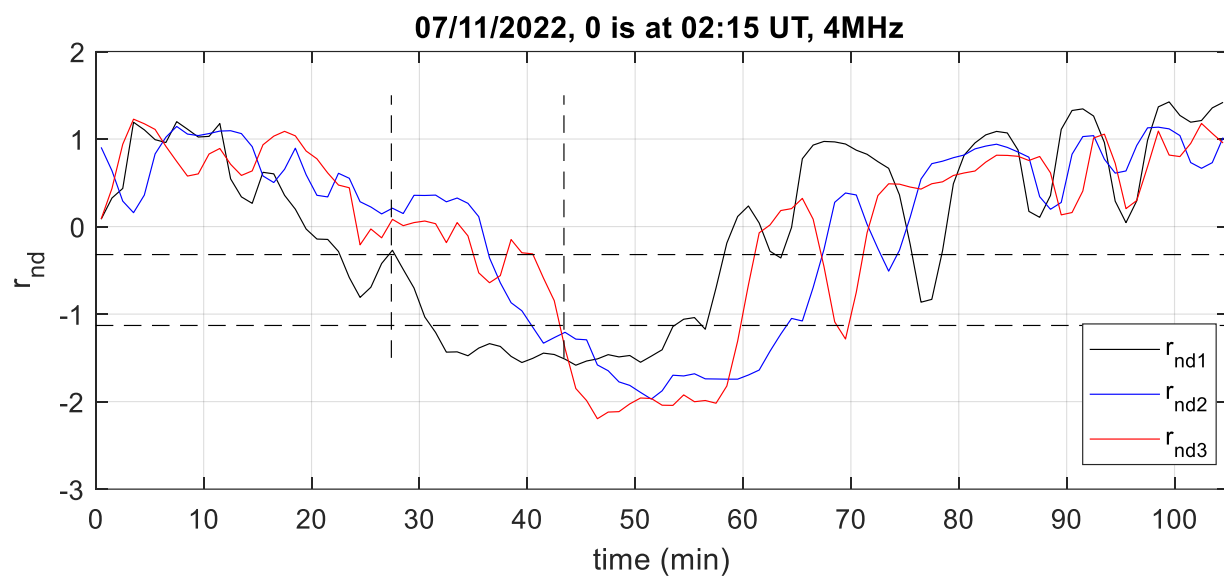
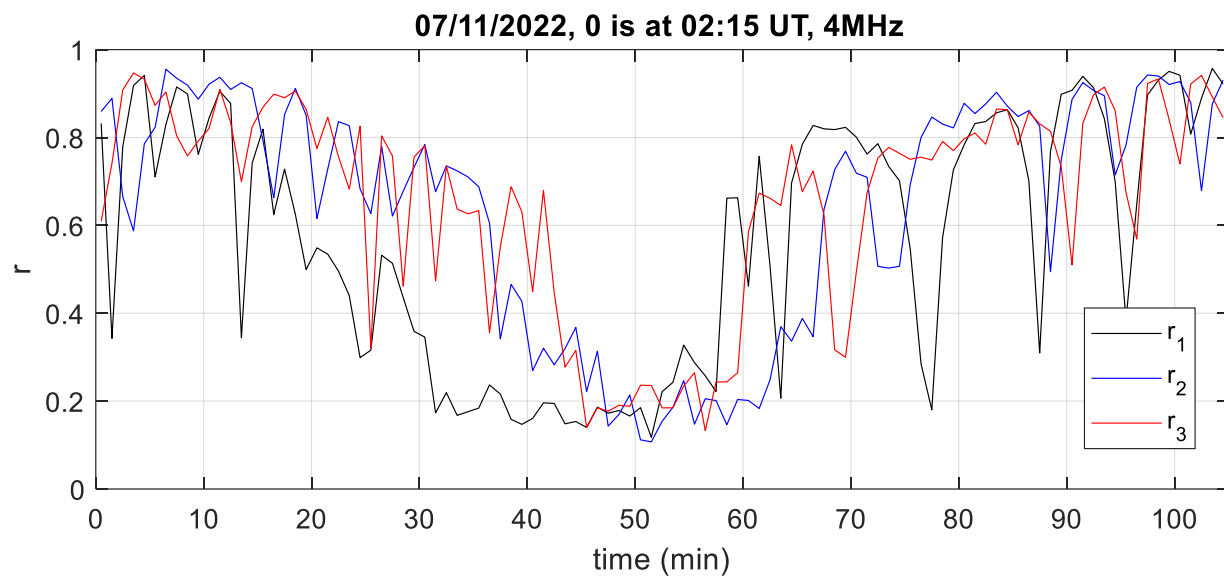
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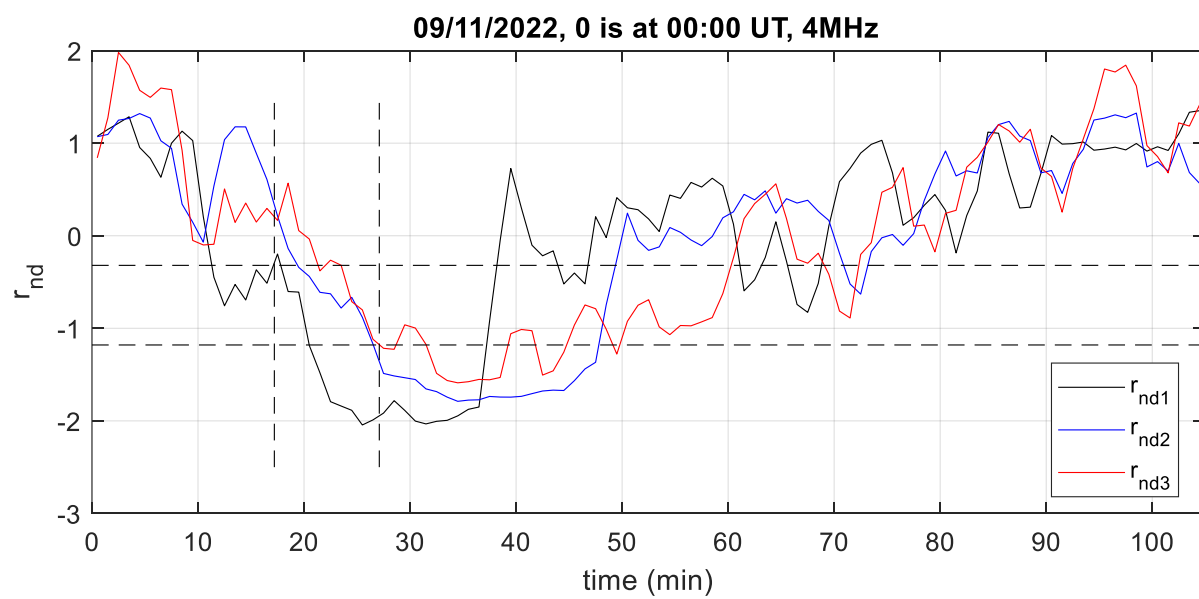
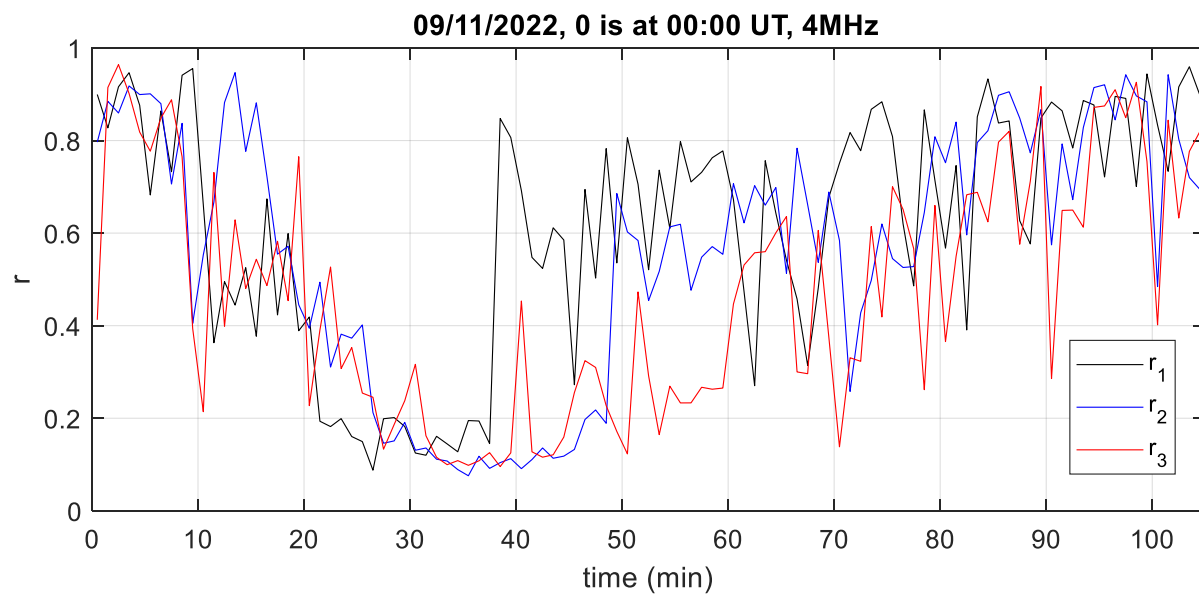
Supp. Figure 6:



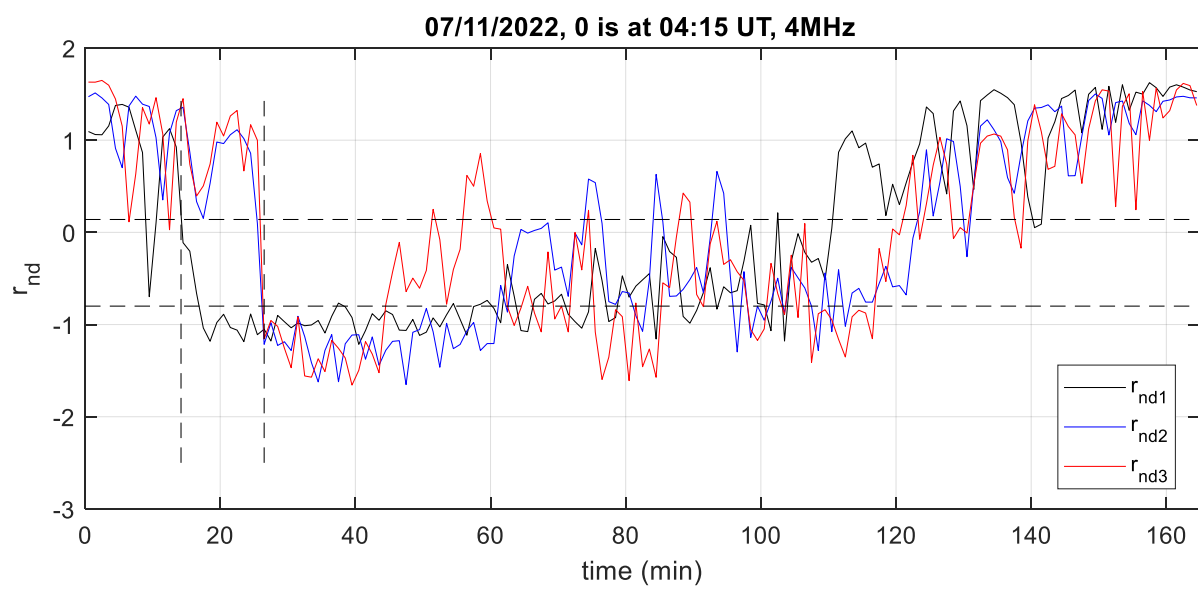
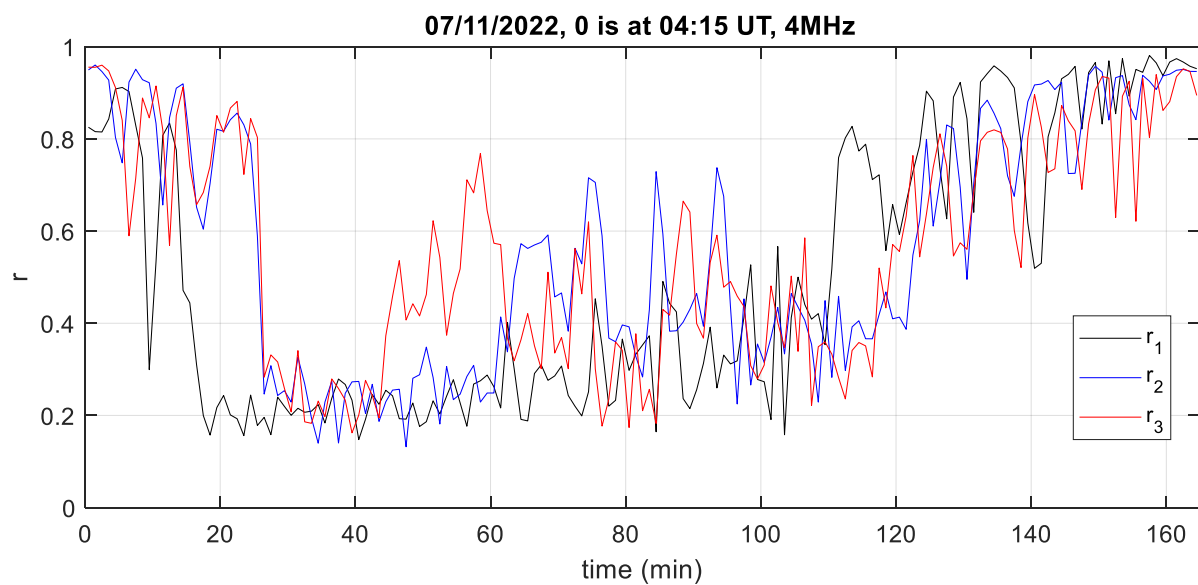
Supp. Figure 7:



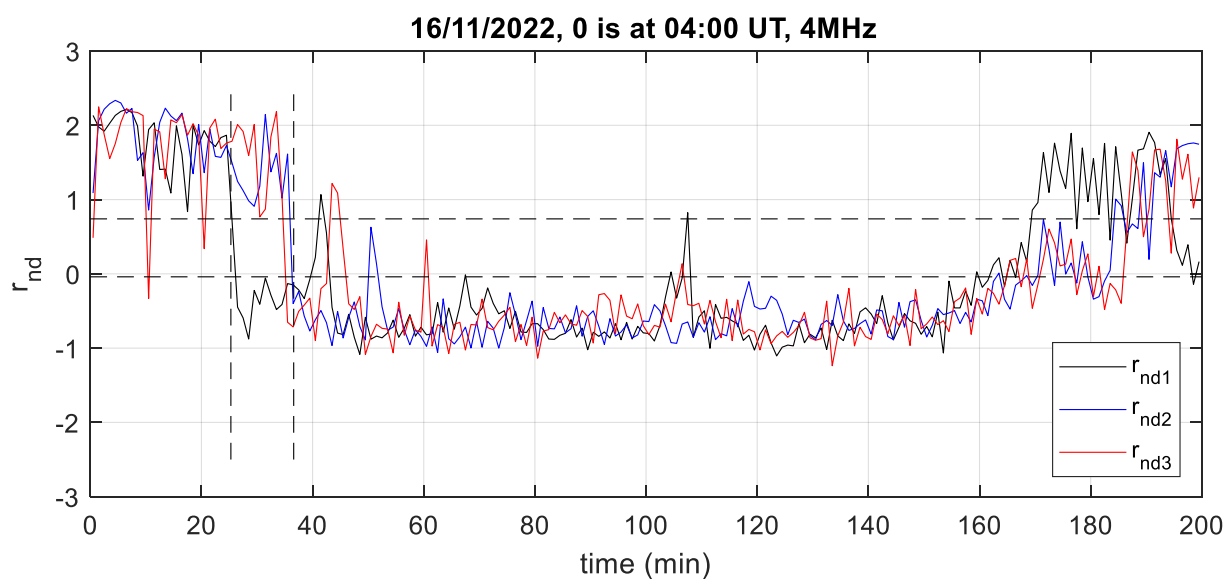
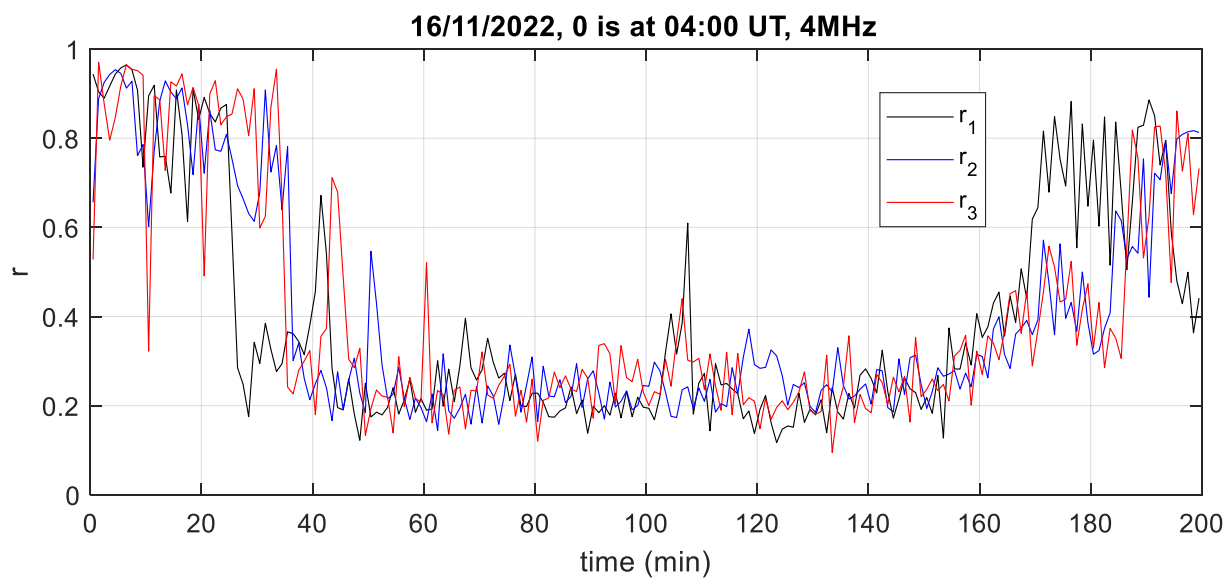
Supp. Figure 8:



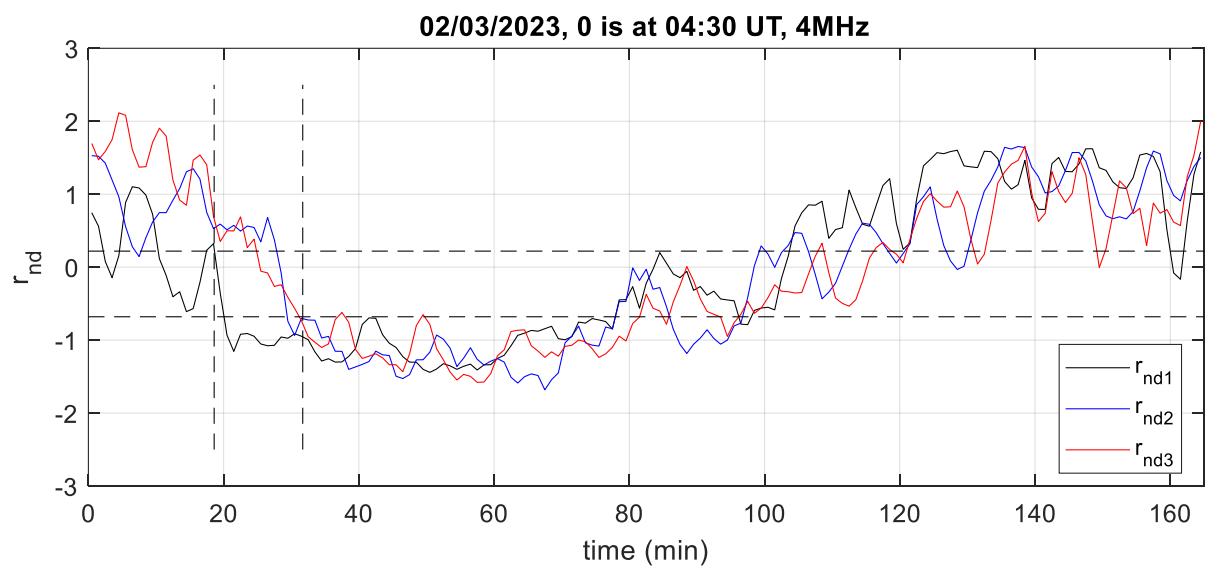
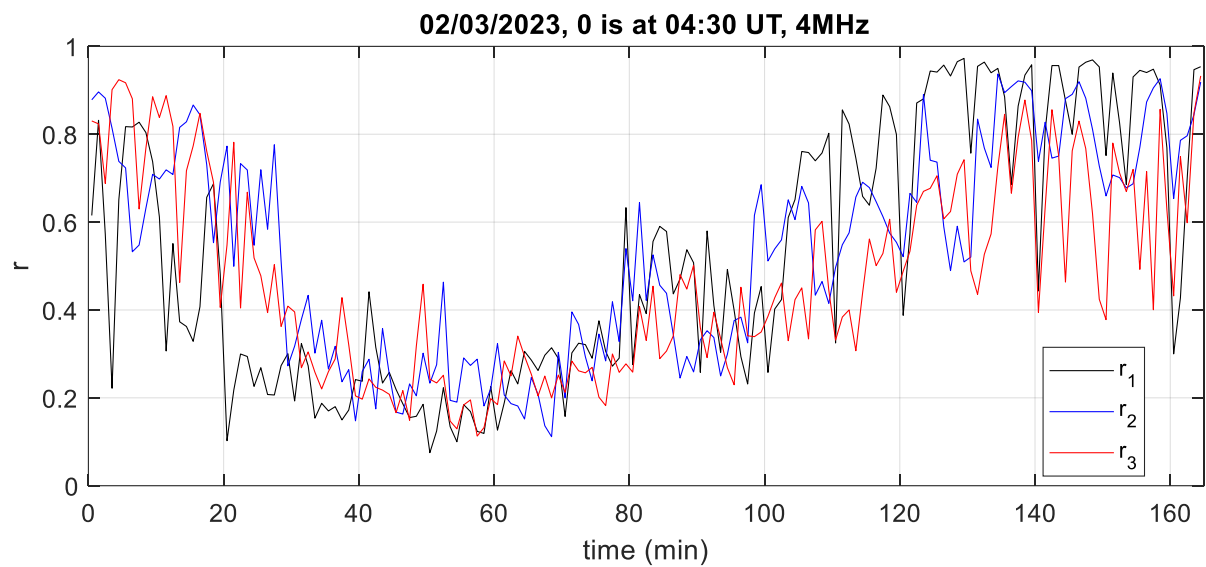
Supp. Figure 9:



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Supp. Figure 11:



Supp. Figure 12: