

<b>Ad ve Soyad:</b>	<b>Erdem GÜNEŞ</b>	<b>İmza :</b>
<b>Numara :</b>	<b>180227062</b>	<b>Uydu No : G03</b>

**ÖDEV – I**  
**TESLİM**

$$\vec{r}_j = [X_j(t) \quad Y_j(t) \quad Z_j(t)] , j = \{YUMA \quad BRO \quad PRE\}$$

$$t = \{ 00:00, 00:15, 00:30, \dots, 23:45, 24:00 \}$$

**DATE: 2022 – 04 - 03**

1) -----

$$\vec{r}_{PRE} - \vec{r}_{YUMA} \quad (Sta20995.sp3, YUMA)$$

n	$\sigma_X$ [km]	$\sigma_Y$ [km]	$\sigma_Z$ [km]	$\sigma_S$ [km]	$\sigma_T$ [ns]
97	0.5043	0.5275	0.3685	0.5378	83.9553

2) -----

$$\vec{r}_{PRE} - \vec{r}_{BRO} \quad (Sta\_ \_ \_ \_.sp3, BRDC\_ \_ \_ 0.22n), t_0 = 0^h, 2^h, \dots, 24^h$$

n	$\sigma_X$ [m]	$\sigma_Y$ [m]	$\sigma_Z$ [m]	$\sigma_S$ [m]	$\sigma_T$ [ns]
97	1.3959	1.0442	1.0581	1.6404	112.2438

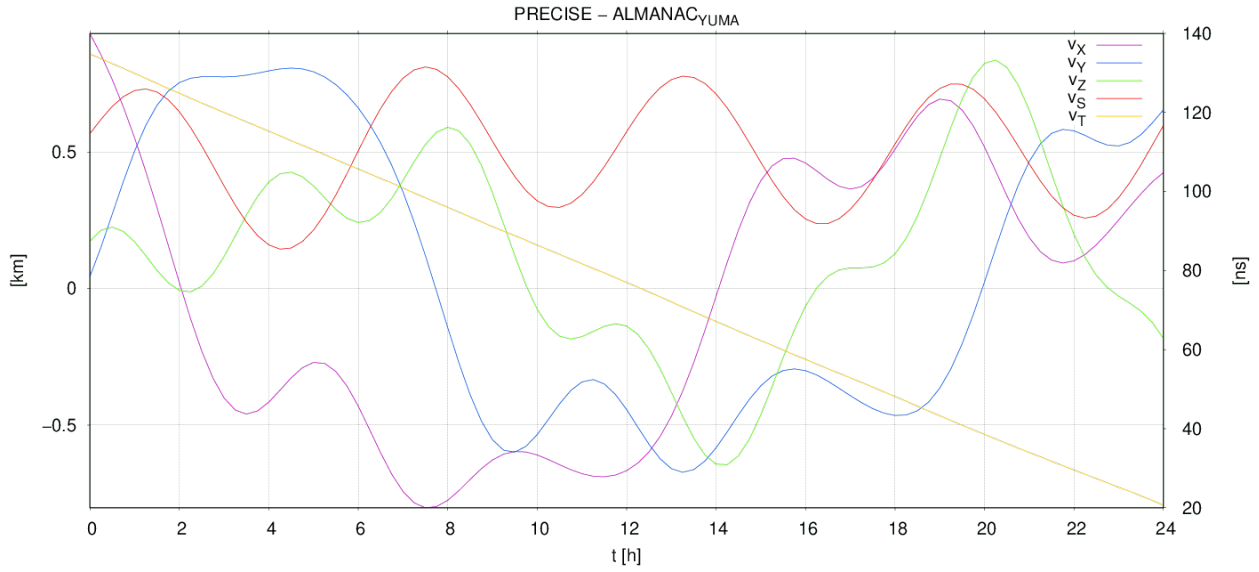
3) -----

$$\vec{r}_{PRE} - \vec{r}_{BRO} \quad (Sta\_ \_ \_ \_.sp3, BRDC\_ \_ \_ 0.22n), t_0 = 12^h$$

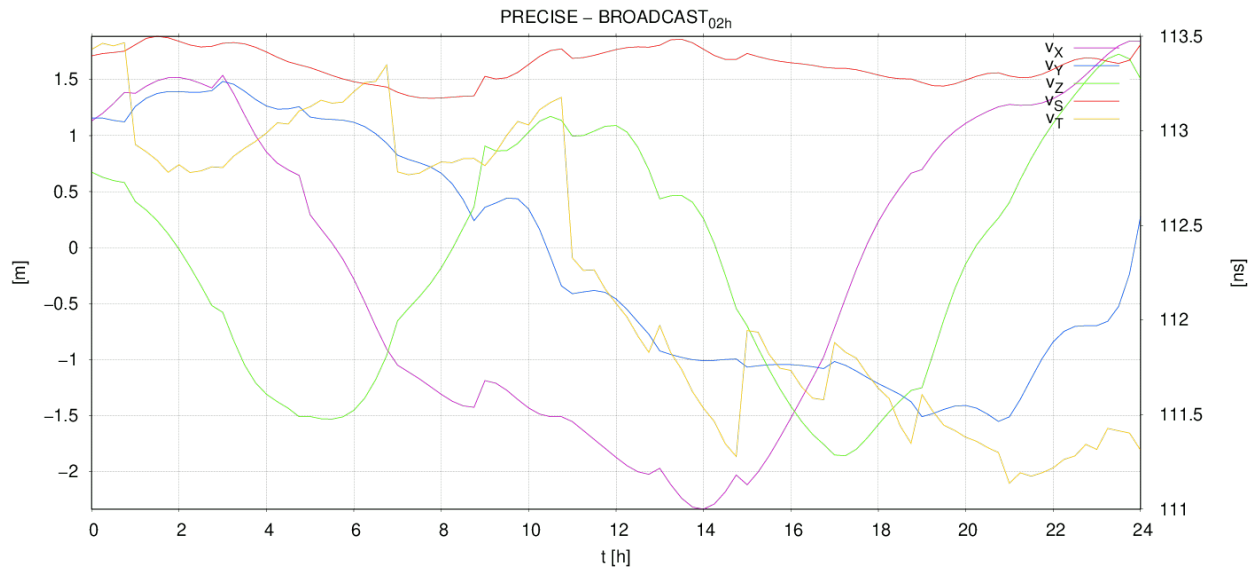
n	$\sigma_X$ [m]	$\sigma_Y$ [m]	$\sigma_Z$ [m]	$\sigma_S$ [m]	$\sigma_T$ [ns]
97	157.1755	159.3271	185.0148	51.7203	112.1096

# ÖDEV – I

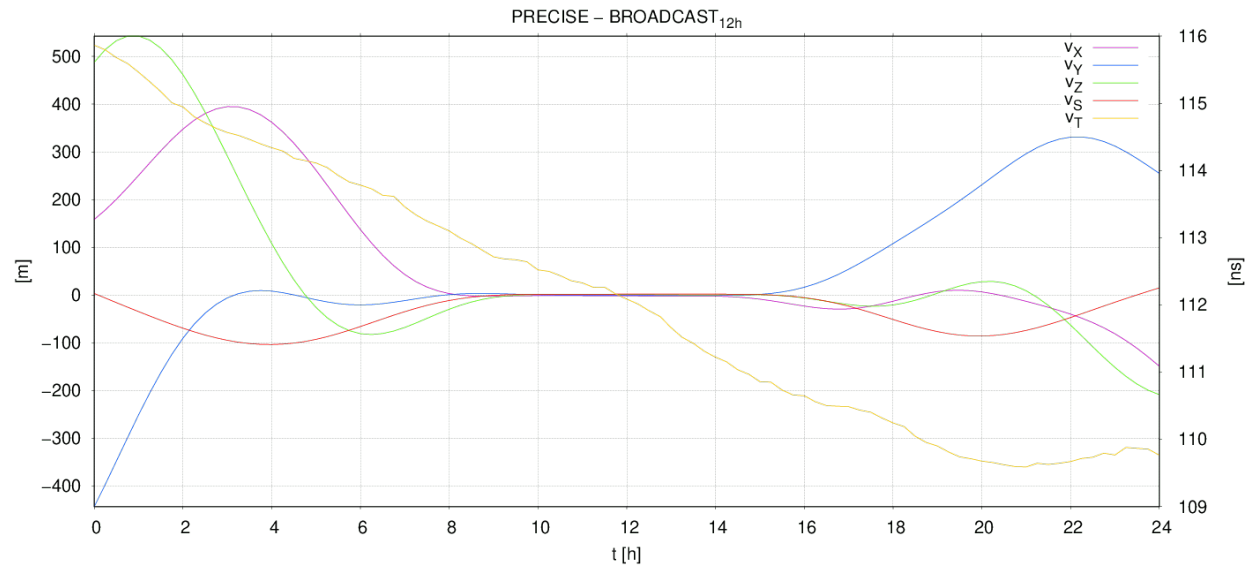
## GRAFIKLER



Sekil-1 PRE-YUMA düzeltme vektörlerinin (  $v_X$ ,  $v_Y$ ,  $v_Z$ ,  $v_S$  [km] ve  $v_T$  [ns] ) grafikleri.



Sekil-2 PRE-BRO<sub>02h</sub> düzeltme vektörlerinin (  $v_X$ ,  $v_Y$ ,  $v_Z$ ,  $v_S$  [m] ve  $v_T$  [ns] ) grafikleri.



Sekil-3 PRE-BRO<sub>12h</sub> düzeltme vektörlerinin (  $v_X$ ,  $v_Y$ ,  $v_Z$ ,  $v_S$  [m] ve  $v_T$  [ns] ) grafikleri.