As we can see, when the telephones are very near each other (0.1 m), both angle and distance measurements are incorrect (combined distance RMSE is 146.98 and combined angle RMSE is 27.85). However for distances greater than 0.25 m, The distance measurements are very accurate (with submeter accuracy of RMSE 0.012) and angle measurements are more accurate too (RMSE of 25.29).

We can see from charts, that the angle measurements are quite accurate for angles between -45 and 45 degrees. For edge cases (-90 and 90 degrees), the angle measurements are not so accurate and sometimes “jump” to large opposite values.