

## The statement of reasons which wishes establish

Our team(The japan amateur radio league) hopes to establish a satellite station which can perform the ham radio communication with a nano-satellite that was developed by students and JAMSAT, including the ham radio operators, and to use this satellite station to perform radio operation with the ham radio frequency bands. This radio operation is not intended to enlighten the interest of personal radio duties, and to promote self-discipline and study of wireless communication technology, of the many ham radio operators including our team's, by using the satellite which we operate.

To achieve this purpose, we will conduct the following items.

- ① Telemetry transmission by CW
- ② Data transmission by FM packet communication
- ③ SSTV signal transmission
- ④ Analog voice transmission
- ⑤ Relay of CW and SSB using linear transponder

We think that the satellite adapts to the purpose of the ham radio communications duties.

Because it contributes to the self-discipline of the wireless communication technology of the ham radio operator and a study, we hope to establish the ham radio station to the satellite.