

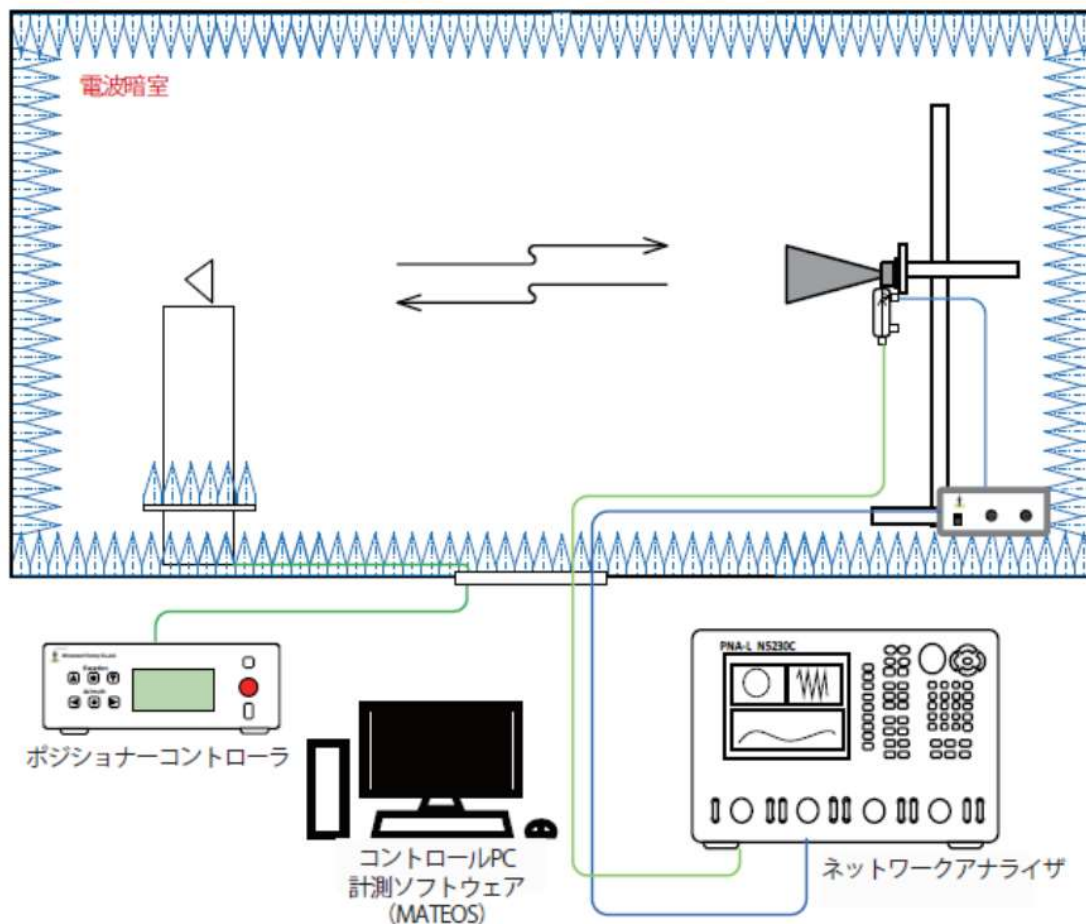


# RCS Measurement System

## System Overview

RCS (Radar Cross Section) is one of key Index for Collision Prevent system development and Military, which is index of quantification of the reflected volume. That measurement is demanded (especially mm-wave bandwidth) high accuracy system set-up, which MWF could propose it based on our experienced know-how.

## System example



### Measurement Parameter's

- Radar Cross Section vs Direction angle
- Radar Cross Section vs Frequency

System structure will be up to Frequency, ETU size, etc.  
Will propose most suitable system up to demand.

### \*RCS overview

**Q** What is RCS?

**A** Quantified Reflected volume for Electromagnetic wave of ETU.

**Q** What is measured and what is target?

**A** Measure the reference (i.e. reflector), and then measure ETU, Human or materials.