



CAN I PERFORM EMC AND ANTENNA MEASUREMENT TESTING IN THE SAME CHAMBER?



EMC and Antenna Measurement Testing can be done in the same chamber, but it largely depends on the expectations one has. There are many factors to evaluate when considering to have one chamber for both types of testing vs having separate chambers specific to each type of testing. In general, EMC Testing covers lower frequencies requiring specialized hybrid solutions. Frequently, Antenna Measurement Testing covers higher frequencies, requires higher accuracies, tighter positioner tolerances, and better overall absorber isotropy and performance.

Depending on the specifications and expectations, it might be advantageous to combine the testing in one chamber or it might be difficult and impractical to combine EMC Testing and Antenna Measurement Testing, especially in smaller chambers. MVG designs, manufactures, supplies and installs shielded enclosures, anechoic chambers, shielded doors, absorbers and more.

Regardless of your needs, whether it be EMC Testing, Antenna Measurement Testing, or both,

MVG can help you evaluate and choose the best solution for your needs.

Here are some factors to consider when trying to make a decision for one chamber for combined testing, or two separate chambers:

- Frequency range of each type of testing
- EUT and AUT sizes
- Required far-field distances of antenna measurement testing
- Relative QZ performance requirements
- Mechanical tolerances of the positioners
- Types and performance of absorber required



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