GLOBAL EMC

Data Sheet for

3m CISPR 16 fully anechoic test chambers

Global EMC offer a range of fully anechoic test chambers that are optimised to give a high degree of measurement accuracy.

Where the chamber is too small to raise the antenna mast from 1-4 metres (as required in a 3m compliant semi-anechoic chamber)

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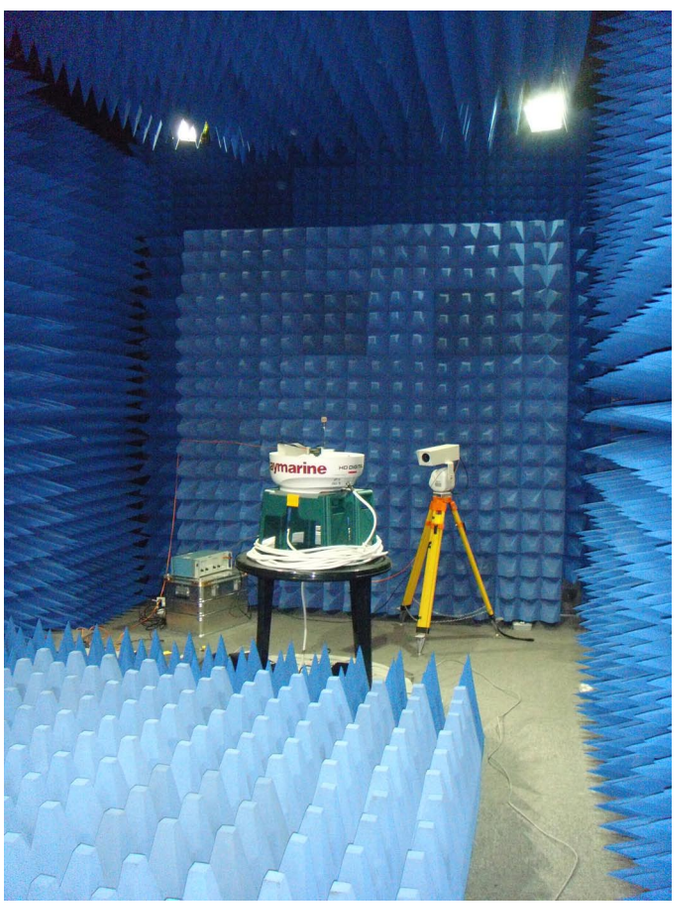
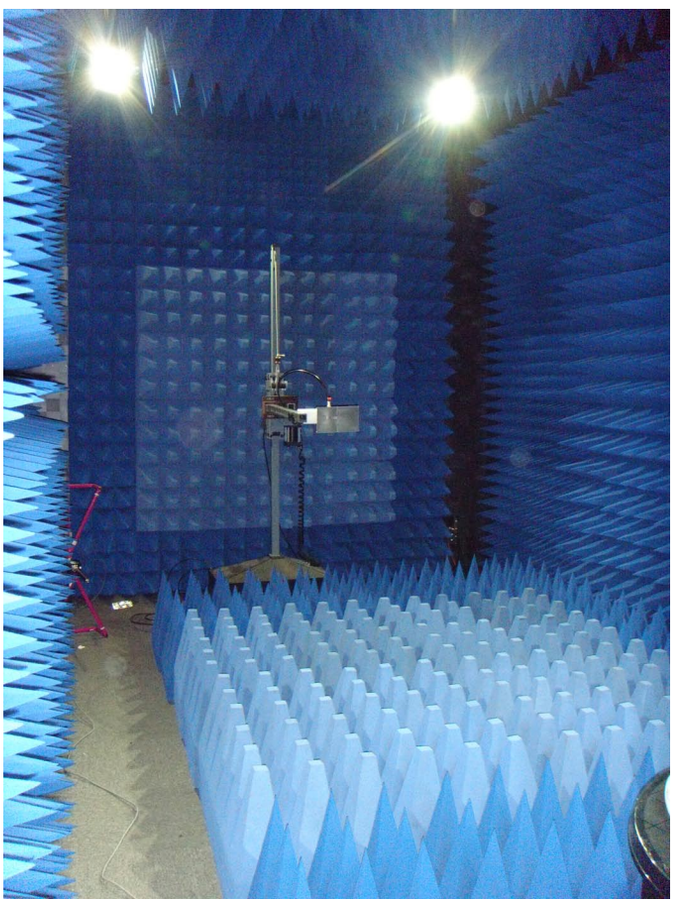


A fully anechoic test chamber can be compliant to CISPR 16 but needs to be large enough, 8m x 5m wide and 4m (160m3) high is enough., compare this to a compliant semi-anechoic chamber 9m x 6m x 5.5m high (297m3)

For smaller chambers (7m x 3.5m x 3m high) see compact 3m test chambers.



The general rule is the larger the chamber the better the anechoic performance.

Fully anechoic chambers have some major advantages over compliant semi-anechoic chambers:

1. The field uniformity (immunity) performance is more stable (better)
2. The cost is less
3. There is only one chamber set up (no need to take ferrite tiles and pyramid in and out of the chamber for emissions/ immunity changeover.
4. The chamber is smaller.
5. Auto height scan mast & controller not required
6. No dwell time for auto mast so much quicker test cycle time.

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