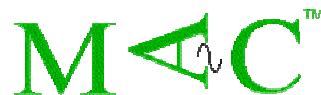


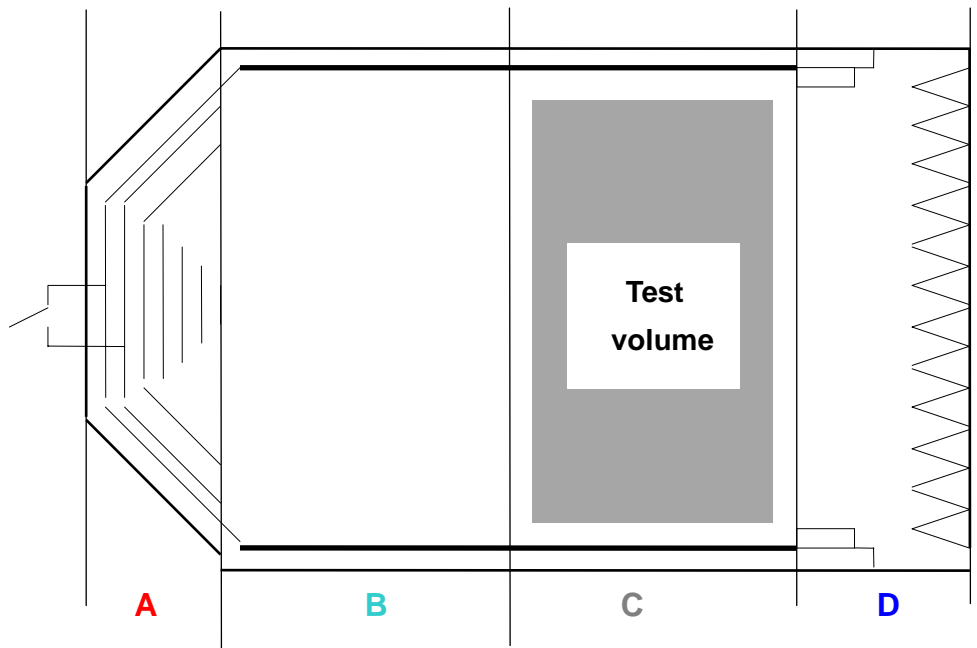
## Micro-Anechoic Chamber 1 & 2

- Immunity testing (MAC 2) based on EN 61000-4-3
- Pre-compliant emissions testing
- Frequency **100kHz to 2.5 GHz** with suitable instrumentation
- High degree of field uniformity
- Predominantly far field measurements
- Low cost



### Introduction

Economical radiated immunity and emissions test system for small objects. Gives Immunity testing based on EN61000-4-3 (MAC2) and pre-compliance emission testing. The MAC1 and 2 chambers are capable of covering the complete frequency range of 100kHz to 2.5GHz for both immunity and emission testing with suitable instrumentation.



**Antenna  
Tip**

**Test Plane**

**EUT Area**

**Absorber &  
filters**

### Specification

	MAC1	MAC2
Dimensions w x h x d	0.87 x 0.72 x 1.5 m	1.27x1.28x 2.46m
Frequency range	100kHz-2500MHz	100kHz-2500MHz
Field uniformity 80-1000MHz measured at 1% steps on 5 points	0-6 dB *	0-6 dB *
Uniform area	0.3 m square	0.5 m square
<b>Maximum EUT size</b>	<b>0.3 m cube **</b>	<b>0.5 m cube **</b>
Polarisation	Vertical ***	Vertical ***
Power for 10V/m with 80%AM	20 watts	20 watts

\*with 1% steps 3% of frequencies are allowed 0-10 dB uniformity.

\*\*with reduced accuracy the MAC1 will accommodate a 0.4 m cube  
and the MAC 2 will accommodate a 0.7 m cube.

\*\*\* To test for alternative polarisation rotate the EUT.