



**NSAI**  
Standards

## Annual Report 2018

### NSAI ETC TC 16

National Standards Authority of Ireland (NSAI)  
Electrotechnical Committee (ETC) Technical Committee (TC) 16

#### Electromagnetic Compatibility (EMC)

### 1. Scope

To prepare European standards in the field of electromagnetic compatibility across the entire frequency spectrum.

Standards are available from [www.standards.ie](http://www.standards.ie).

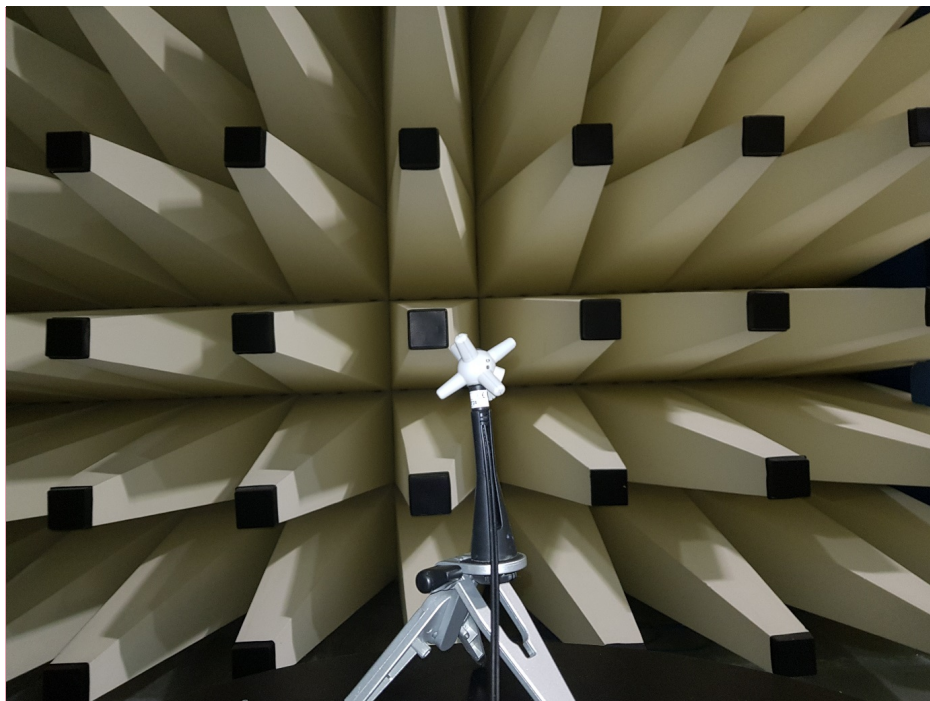
#### 1.1. International TCs Mirrored

These are the following committees mirrored in full or in part by the TC:

- CENELEC TC 210: Electromagnetic Compatibility (EMC)
- IEC TC 77: Electromagnetic Compatibility
- IEC ACEC – Advisory Committee on Electromagnetic Compatibility
- IEC CISPR - International Special Committee on Radio Interference
- ETSI TC ERM: Electromagnetic Compatibility and Radio Spectrum Matters

#### 1.2. Irish Industry/Sector

Manufacturers of electrical and electronic equipment, test houses, consultants, utilities, notified body, regulator, academia, equipment users.



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## 2. Review of the Year 2018

The Committee meets twice a year usually just before the CENELEC TC 210 meeting. This year the committee met in May and December.

CENELEC TC210 is currently updating EN 50498 " Electromagnetic compatibility (EMC) - Product family standard for aftermarket electronic equipment in vehicles". This European Standard specifies limits and methods of measurement for disturbance emissions and immunity characteristics of aftermarket electric/electronic sub-assemblies (ESAs) intended to be fitted in motor vehicles. The aim of this CENELEC European Standard is to [consider take into account](#) the replacement of the EC automotive directive by the UNECE Regulation 10. Also, more stringent performance criteria for EMC immunity testing shall be defined within this new standard.

There is still some delay in the adoption of harmonised standards by manufacturers in [the area of](#) EMC as the updated versions have not been listed in the Official Journal however, with the increased number of HAS (Harmonised Standards) consultants, this is expected to improve in 2019.

### 3. NSAI ETC TC 16 Membership 2018

Name	Organisation represented	Role
John McAuley	CEI	National chairperson
Noleen Campbell	NSAI	National secretary
John Ging	Eirgrid	National committee member
Peter Kelleher	Dell	National committee member
Naoise McSweeney	EMT	National committee member
Brendan Minish	IRTS	National committee member
Dries Neiryck	DecaWave	National committee member
Tom O'Brien	E.M.T.	National committee member
Thomas O'Connell	Intel	National committee member
Michael O'Dwyer	Apple	National committee member
Paul Reilly	CEI	National committee member
CJ Roy	ESBI	National committee member
James Scanlon	Analog Devices	National committee member
Charles Twomey	Analog Devices	National committee member

### 4. International Meetings

Committee members attended international CENELEC (CLC) and IEC meetings as follows:

Committee Name	Location	Date	Name of Attendee
CLC/ TC210	Lisbon, Portugal	15 May 2018	Michael O'Dwyer, John McAuley
CLC/ TC210	Brussels, Belgium	6-7 Dec 2018	Michael O'Dwyer, John McAuley

### 5. National Meetings

Committee members attended the following national meetings in NSAI as follows:

Meeting No.	Date	Minutes Reference
1	14 May 2018	N0755
2	5 Dec 2018	N0756

## 6. Programme for Coming Year 2019

It is intended to hold at least two committee meetings and attend WG meetings during 2019. The next plenary meetings of CLC/TC TC210 to be held in May and December shall also be attended.

## 7. Additional Information

None.