
Inhaltsverzeichnis

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Kategorie:EMV

[Versionsgeschichte interaktiv durchsuchen](#)
[VisuellWikitext](#)

Version vom 16. März 2021, 09:55 Uhr (Quelltext anzeigen)

[OE1VCC](#) ([Diskussion](#) | [Beiträge](#))

Markierung: 2017-Quelltext-Bearbeitung
 ← [Zum vorherigen Versionsunterschied](#)

Version vom 16. März 2021, 09:58 Uhr (Quelltext anzeigen)

[OE1VCC](#) ([Diskussion](#) | [Beiträge](#))

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 Markierung: 2017-Quelltext-Bearbeitung
[Zum nächsten Versionsunterschied](#) →

Zeile 2:

In dieser Kategorie sind Informationen zu Elektromagnetische Verträglichkeit (EMV) zu finden. Darunter versteht man die Fähigkeit eines technischen Gerätes, andere Geräte nicht durch (ungewollte) elektrische oder elektromagnetische Effekte zu beeinflussen. Oder auch selbst durch andere Geräte gestört zu werden.

– **==CISPR Guide 2019==**

Auf Grund der großen Bedeutung von [[https://www.wikiwand.com/en/CISPR ""CISPR]], einer Unterorganisation der IEC (International Electrotechnical Commission) ist der CISPR Guide 2019 interessant.

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Elektromagnetische Verträglichkeit (EMV)

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CISPR ist deswegen von großer Bedeutung für den Amateurfunk, da dort wesentliche Weichenstellungen für das EMV-Verhalten von (neuen) Technologien erfolgen. Neben dem zentralen CISPR-Komitee (in dem die Anliegen des Amateurfunks durch einen IARU-Spezialisten vertreten werden), wird wesentliche Arbeit in den nationalen Organisationen der IEC (in Österreich ÖVE) geleistet.

Während CISPR auf globaler Ebene agiert, existieren in verschiedenen globalen Regionen (ähnlich ITU-Regionen) Regelwerke, die regional ergänzend oder verschärfend wirken, wie z.B. die europäischen Normen EN oder Verordnungen der Europäischen Union.

Hier mitzumachen ist vielleicht nicht jedermanns Sache, dennoch ist es wichtig, zu wissen „wo die Musik spielt“, wo entscheidend mitgestaltet wird, wie es mit dem Schutz der Amateurfunkbänder weiter geht. Wer sich mit der Materie beschäftigt, wird schnell feststellen, wie mannigfaltig die Bedrohungen sind, wie begehrt und umkämpft das Radiospektrum ist. (Wolfgang Mahr OE1MHZ)

[[CISPR Guide 2019](#)]

Unterkategorien

Diese Kategorie enthält nur die folgende Unterkategorie:

E

- ► [EMV/Normenarbeit \(IARU\)](#) (leer)

Seiten in der Kategorie „EMV“

Folgende 10 Seiten sind in dieser Kategorie, von 10 insgesamt.

C

- [CISPR Guide 2019](#)

E

- [Elektromagnetische Umweltverträglichkeit](#)
- [ENAMS](#)
- [ENAMS Auswertungen Heatmaps](#)
- [ENAMS Auswertungen Noise Floor](#)
- [ENAMS Auswertungen Spektren](#)

F

- [Fallstudie TV Box: Declaration of Conformity](#)

S

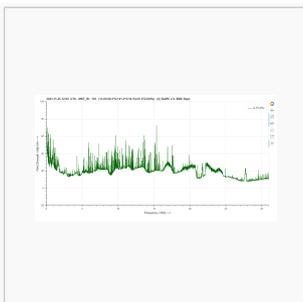
- Smart Meter
- Störungen durch PLC (Powerline Communications)

W

- WPT-EV

Medien in der Kategorie „EMV“

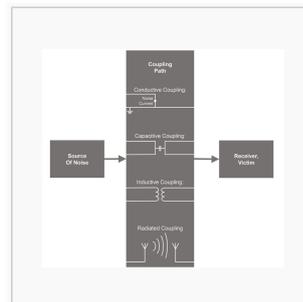
Folgende 12 Dateien sind in dieser Kategorie, von 12 insgesamt.



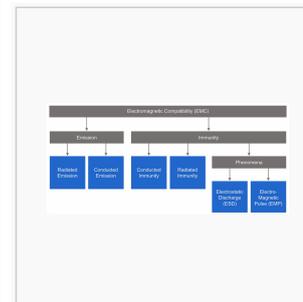
2021-11-25 1200 UTC Spectrum 0-30MHZ.png 3.323 x 1.746; 379 KB

Symbol	Value	Note
f_{min}	3000 kHz	Lower frequency of CENELEC-A bandplan (exclusive value) [2]
f_{max}	30000 kHz	Upper frequency of CENELEC-A bandplan (exclusive value) [3]
Frequency resolution	9 kHz	Channel spacing (9 kHz)

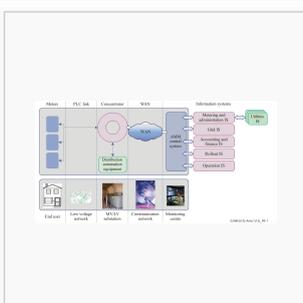
CENELEC-A.jpg 1.328 x 374; 160 KB



Coupling Path.jpg 951 x 861; 73 KB



EMC Overview.jpg 1.142 x 528; 115 KB



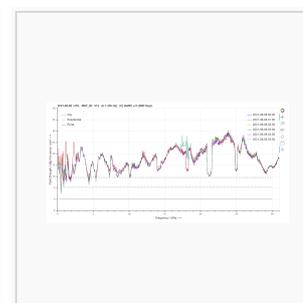
G3-PLC Network Architecture.jpg 1.329 x 679; 266 KB

Comparison of PLC G3 and PRIME

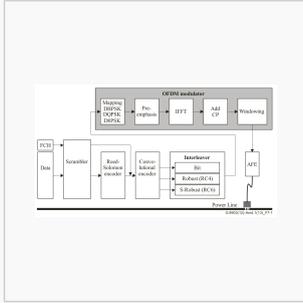
isplc 2011 hoch.pdf 1.239 x 1.754, 5 Seiten; 322 KB

Table 1	Operation of the work site
Table 2	Work site safety
Table 3	Work site safety, safety measures, and safety measures
Table 4	Work site safety, safety measures, and safety measures
Table 5	Work site safety, safety measures, and safety measures
Table 6	Work site safety, safety measures, and safety measures
Table 7	Work site safety, safety measures, and safety measures
Table 8	Work site safety, safety measures, and safety measures
Table 9	Work site safety, safety measures, and safety measures
Table 10	Work site safety, safety measures, and safety measures
Table 11	Work site safety, safety measures, and safety measures
Table 12	Work site safety, safety measures, and safety measures
Table 13	Work site safety, safety measures, and safety measures
Table 14	Work site safety, safety measures, and safety measures
Table 15	Work site safety, safety measures, and safety measures
Table 16	Work site safety, safety measures, and safety measures
Table 17	Work site safety, safety measures, and safety measures
Table 18	Work site safety, safety measures, and safety measures
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Table 20	Work site safety, safety measures, and safety measures
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Table 100	Work site safety, safety measures, and safety measures

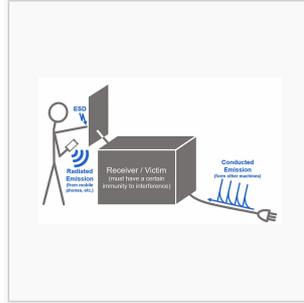
ITU T.jpg 522 x 677; 172 KB



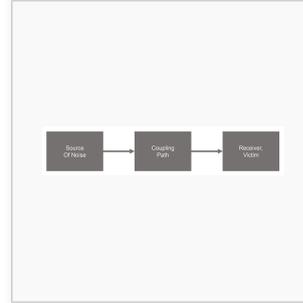
Noise Floor.jpg 1.679 x 845; 308 KB



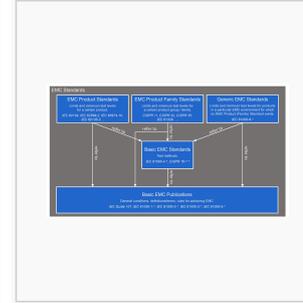
OFDM Transceiver.jpg 1.061 x 580; 131 KB



Receiver-Victim.jpg 1.201 x 731; 158 KB



Source-Coupling-Receiver.jpg 1.104 x 221; 30 KB



Standards.jpg 1.248 x 697; 249 KB