

Störungen durch PLC (Powerline Communications)

[Versionsgeschichte interaktiv durchsuchen](#)

[Visuell Wikitext](#)

Version vom 7. Juli 2021, 15:16 Uhr (Quelltext anzeigen)

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

Markierung: 2017-Quelltext-Bearbeitung

[← Zum vorherigen Versionsunterschied](#)

Version vom 7. Juli 2021, 15:33 Uhr (Quelltext anzeigen)

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

Markierung: 2017-Quelltext-Bearbeitung

[Zum nächsten Versionsunterschied →](#)

Zeile 53:

```
}}
```

Zeile 53:

```
}}
```

+

```
{{#evt:
```

+

```
service=youtube
```

+

```
|id=https://youtu.be/gjMxJEmd7Ko
```

+

```
|dimensions=300
```

+

```
|alignment=inline
```

+

```
|description=HF interference<br/> 2:39
```

+

```
|container=frame
```

+

```
|urlargs=
```

+

```
|autoresize=
```

+

```
|valignment=
```

+

```
}}
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+

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{{#evt:
```

+

```
service=youtube
```

+

```
|id=https://youtu.be/kA0IA84Q9v0
```

+

```
|dimensions=300
```

+

```
|alignment=inline
```

+

```
|description=PLC Storing<br/> 0:05
```

+

```
|container=frame
```

+

```
|urlargs=
```

		+ autoresize=	
		+ valignment=	
		+ }}	
-	https://youtu.be/gjMxJEmd7Ko	+ {{#evt:	
		+ service=youtube	
		+ id=https://youtu.be/jGINOo_8JeU	
		+ dimensions=300	
		+ alignment=inline	
		+ description=Power Line Signalling The Death Of H F Radio 5:18	
		+ container=frame	
		+ urlargs=	
		+ autoresize=	
		+ valignment=	
		+ }}	
-	https://youtu.be/kA0IA84Q9v0	+ {{#evt:	
		+ service=youtube	
		+ id=https://youtu.be/JLj0iF-MsoM	
		+ dimensions=300	
		+ alignment=inline	
		+ description=Powerline Networking Interference: DAB Radio 10:08	
		+ container=frame	
		+ urlargs=	
		+ autoresize=	
		+ valignment=	
		+ }}	

-	https://youtu.be/jGINOo_8JeU	+	{ { #evt:
		+	service=youtube
		+	id=https://youtu.be/FukY5P5IBBU
		+	dimensions=300
		+	alignment=inline
		+	description=HF RECEPTION (HAM RADIO) MINUS THE QRM/ELECTRICAL INTERFERENCE 7:24
		+	container=frame
		+	urlargs=
		+	autoresize=
		+	valignment=
		+	}}
-	https://youtu.be/JLj0iF-MsoM		
-	https://youtu.be/FukY5P5IBBU	+	{ { #evt:
		+	service=youtube
		+	id=https://youtu.be/20EeCQcJkm4
		+	dimensions=300
		+	alignment=inline
		+	description=HF radio reception ruined by upstairs neighbours PLT interference (HF radio jammer) 3:08
		+	container=frame
		+	urlargs=
		+	autoresize=
		+	valignment=
		+	}}
-	https://youtu.be/20EeCQcJkm4	+	{ { #evt:

The diagram illustrates the construction of three YouTube embed URLs. Each URL is built from a base URL and a series of parameters (service, id, dimensions, alignment, description, container, urlargs, autoresize, valignment) which are added sequentially. The final URLs are: <https://youtu.be/9vddPhAVoIE>, <https://youtu.be/RYC06EqVR7A>, and <https://youtu.be/H6iayxzSI7k>.

URL 1: <https://youtu.be/9vddPhAVoIE>

- + service=youtube
- + |id=https://youtu.be/9vddPhAVoIE
- + |dimensions=300
- + |alignment=inline
- + |description=MFJ-1026 Versus PLC (home powerline networking) Interference
 0:52
- + |container=frame
- + |urlargs=
- + |autoresize=
- + |valignment=
- + }}

URL 2: <https://youtu.be/RYC06EqVR7A>

- + {{ #evt:
- + service=youtube
- + |id=https://youtu.be/RYC06EqVR7A
- + |dimensions=300
- + |alignment=inline
- + |description=Powerline Internet Adapter Interference
 3:12
- + |container=frame
- + |urlargs=
- + |autoresize=
- + |valignment=
- + }}

URL 3: <https://youtu.be/H6iayxzSI7k>

- + {{ #evt:
- + service=youtube
- + |id=https://youtu.be/H6iayxzSI7k

		+ dimensions=300
		+ alignment=inline
		+ description=PLC effects from 2 to 10MHz .. 2:00
		+ container=frame
		+ urlargs=
		+ autoresize=
		+ valignment=
		+ }}
-	https://youtu.be/zMXRo5FKUIQ	+ { { #evt:
		+ service=youtube
		+ id=https://youtu.be/zMXRo5FKUIQ
		+ dimensions=300
		+ alignment=inline
		+ description=How Ethernet/Internet over Powerline Can Wipe out the HF Band 2:11
		+ container=frame
		+ urlargs=
		+ autoresize=
		+ valignment=
		+ }}
-	https://youtu.be/oDbqI_RH57U	
-	https://youtu.be/CRfkhPJ5OuQ	+ { { #evt:
		+ service=youtube
		+ id=https://youtu.be/oDbqI_RH57U
		+ dimensions=300
		+ alignment=inline

			+ description=PLC Adapter 0:52
			+ container=frame
			+ urlargs=
			+ autoresize=
			+ valignment=
			+ }}
-	https://youtu.be/4lwJOtc2Ws4		+ { {#evt:
			+ service=youtube
			+ id=https://youtu.be/CRfkhPJ5OuQ
			+ dimensions=300
			+ alignment=inline
			+ description=PLC Powerline
			+ Interference on 6-Band Dipole 5:04
			+ container=frame
			+ urlargs=
			+ autoresize=
			+ valignment=
			+ }}
-	https://youtu.be/GcXJYrBwrwA		
-	https://youtu.be/i6KAS67MjBc		+ { {#evt:
			+ service=youtube
			+ id=https://youtu.be/4lwJOtc2Ws4
			+ dimensions=300
			+ alignment=inline
			+ description=PLT interference on
			+ HF 1:49
			+ container=frame

- <https://youtu.be/KsslFS2a5Is>

- <https://youtu.be/xTyy44J8SiA>

		+ }}
-	https://youtu.be/kyYeTWHUnUk	+ {{#evt:
		+ service=youtube
		+ id=https://youtu.be/KssIFS2a5ls
		+ dimensions=300
		+ alignment=inline
		+ description=My powerline ham radio interference 1:20
		+ container=frame
		+ urlargs=
		+ autoresize=
		+ valignment=
		+ }}
-	https://youtu.be/LsEvT5_5uds	+ {{#evt:
		+ service=youtube
		+ id=https://youtu.be/xTyy44J8SiA
		+ dimensions=300
		+ alignment=inline
		+ description=PLC Power Line Communication Interference as heard in Stockholm 1:25
		+ container=frame
		+ urlargs=
		+ autoresize=
		+ valignment=
		+ }}
		+ {{#evt:
		+ service=youtube

+ **|id=https://youtu.be/kyYeTWHUnUk**

+ **|dimensions=300**

+ **|alignment=inline**

+ **|description=Belkin Gigaabit
Powerline Adaptors interfering with
Ambulance & ILS Frequencies
 9:
16**

+ **|container=frame**

+ **|urlargs=**

+ **|autoresize=**

+ **|valignment=**

+ **}}**

+

+ **{{#evt:**

+ **service=youtube**

+ **|id=https://youtu.be/LsEvT5_5uds**

+ **|dimensions=300**

+ **|alignment=inline**

+ **|description=BBC demonstrates
HomePlug PLC turns electrical wires
into antennas
 1:48**

+ **|container=frame**

+ **|urlargs=**

+ **|autoresize=**

+ **|valignment=**

+ **}}**

+

+ **{{#evt:**

+ **service=youtube**

+ **|id=https://youtu.be/DwmH0tMhafE**

+ **|dimensions=300**

		+ alignment=inline	
		+ description=PLT HF noise & interference from network over power units 4:26	
		+ container=frame	
		+ urlargs=	
		+ autoresize=	
		+ valignment=	
		+ }}	
-	https://youtu.be/DwmH0tMhafE		
	[[Category:EMV]]		[[Category:EMV]]

Version vom 7. Juli 2021, 15:33 Uhr

Störungen durch PLC ist in Fachkreisen kein Fremdwort. Umso verwundert war ich, als der Vorsitzende eines CENELEC-Normen- Komitees angab, davon nichts zu wissen.

Eine kurze Recherche auf YouTube ergab die folgende Liste von Dokumentationen. Die Beiträge wurden von Funkamateuren aus aller Welt zusammengetragen (verschiedene Sprachen, unterschiedliche Bildqualität), die akustischen Belege sind aber unüberhörbar. Es wurde nicht nachgeprüft, ob die Störungen tatsächlich von dieser oder doch von einer anderen Störungsquelle stammen.

Hier die Links:

PLC PowerLine Communication und Rundfunk
13:42

Powerline Networking Interference: Shortwave - PLT
3:57

PLC for HF BCL bands 2
0:46

Powerline PLC is pure horror on all shortwave bands, but ...
0:53

HF interference
2:39

PLC Storing
0:05

Power Line Signalling The Death Of H F Radio
5:18

Powerline Networking Interference: DAB Radio
10:08

HF RECEPTION (HAM RADIO) MINUS THE QRM
/ELECTRICAL INTERFERENCE
7:24

HF radio reception ruined by upstairs neighbours
PLT interference (HF radio jammer)
3:08

MFJ-1026 Versus PLC (home powerline
networking) Interference
0:52

Powerline Internet Adapter Interference
3:12

PLC effects from 2 to 10MHz ..
2:00

How Ethernet/Internet over Powerline Can Wipe
out the HF Band
2:11

PLC Adapter
0:52

PLC Powerline Interference on 6-Band Dipole
5:04

PLT interference on HF
1:49

Power line PLT pla radio interference 2m
145mhz and 27mhz talk talk youview
0:47

Shortwave radio interference from Sky Q PLT
Confirmed.
3:20

My powerline ham radio interference
1:20

PLC Power Line Communication Interference as
heard in Stockholm
1:25

Belkin Gigabit Powerline Adaptors interfering
with Ambulance & ILS Frequencies
9:16

BBC demonstrates HomePlug PLC turns
electrical wires into antennas
1:48

PLT HF noise & interference from network over
power units
4:26