

# entr0py Encore - 003 5G

<b>Project</b>	entr0py Encore
<b>Status</b>	Planning
<b>Contact</b>	<a href="#">metalgamer</a>
<b>Episode Number</b>	003
<b>Subject</b>	5G
<b>Recording Date</b>	2020-04-20
<b>Publish Date</b>	2020-04-22

<html>

```

<script src="https://cdn.podlove.org/web-
player/5.x/embed.js"></script><script>podlovePlayer('#podloveplayer',
{"audio":[{"mimeType":"audio/ogg","size":"178183979","title":"OGG VBR 320
Stereo","url":"https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-stereo-
vbr-320.ogg"}, {"mimeType":"audio/ogg","size":"148964850","title":"OGG VBR 256
Stereo","url":"https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-stereo-
vbr-256.ogg"}, {"mimeType":"audio/ogg","size":"108213771","title":"OGG VBR 192
Stereo","url":"https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-stereo-
vbr-192.ogg"}, {"mimeType":"audio/ogg","size":"72175725","title":"OGG VBR 128
Stereo","url":"https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-stereo-
vbr-128.ogg"}, {"mimeType":"audio/ogg","size":"50635042","title":"OGG VBR 96
Stereo","url":"https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-stereo-
vbr-96.ogg"}, {"mimeType":"audio/ogg","size":"126469627","title":"OGG VBR 320
Mono","url":"https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-mono-
vbr-320.ogg"}, {"mimeType":"audio/ogg","size":"126469627","title":"OGG VBR 256
Mono","url":"https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-mono-
vbr-256.ogg"}, {"mimeType":"audio/ogg","size":"117016377","title":"OGG VBR 192
Mono","url":"https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-mono-
vbr-192.ogg"}, {"mimeType":"audio/ogg","size":"83145332","title":"OGG VBR 128
Mono","url":"https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-mono-
vbr-128.ogg"}, {"mimeType":"audio/ogg","size":"62581054","title":"OGG VBR 96
Mono","url":"https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-mono-
vbr-96.ogg"}, {"mimeType":"audio/mpeg","size":"112575776","title":"MP3 VBR 320
Stereo","url":"https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-stereo-
vbr-320.mp3"}, {"mimeType":"audio/mpeg","size":"112575776","title":"MP3 VBR 256
Stereo","url":"https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-stereo-
vbr-256.mp3"}, {"mimeType":"audio/mpeg","size":"112575776","title":"MP3 VBR 192
Stereo","url":"https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-stereo-
vbr-192.mp3"}, {"mimeType":"audio/mpeg","size":"70281944","title":"MP3 VBR 128
Stereo","url":"https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-stereo-
vbr-128.mp3"}, {"mimeType":"audio/mpeg","size":"44504357","title":"MP3 VBR 96
Stereo","url":"https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-stereo-
vbr-96.mp3"}, {"mimeType":"audio/mpeg","size":"79148380","title":"MP3 VBR 320
Mono","url":"https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-mono-
vbr-320.mp3"}, {"mimeType":"audio/mpeg","size":"79148380","title":"MP3 VBR 256
Mono","url":"https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-mono-
vbr-256.mp3"}, {"mimeType":"audio/mpeg","size":"79148380","title":"MP3 VBR 192

```

Mono", "url": "[https://download.c3l.lu/dlbase/entr0py\\_enc0re/003-5G/003-5G-mono-vbr-192.mp3](https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-mono-vbr-192.mp3)", {"mimeType": "audio/mpeg", "size": "79148380", "title": "MP3 VBR 128  
Mono", "url": "[https://download.c3l.lu/dlbase/entr0py\\_enc0re/003-5G/003-5G-mono-vbr-128.mp3](https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-mono-vbr-128.mp3)", {"mimeType": "audio/mpeg", "size": "60018390", "title": "MP3 VBR 96  
Mono", "url": "[https://download.c3l.lu/dlbase/entr0py\\_enc0re/003-5G/003-5G-mono-vbr-96.mp3](https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-mono-vbr-96.mp3)", {"mimeType": "audio/mpeg", "size": "164456821", "title": "MP3 CBR 320  
Stereo", "url": "[https://download.c3l.lu/dlbase/entr0py\\_enc0re/003-5G/003-5G-stereo-cbr-320.mp3](https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-stereo-cbr-320.mp3)", {"mimeType": "audio/mpeg", "size": "131582450", "title": "MP3 CBR 256  
Stereo", "url": "[https://download.c3l.lu/dlbase/entr0py\\_enc0re/003-5G/003-5G-stereo-cbr-256.mp3](https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-stereo-cbr-256.mp3)", {"mimeType": "audio/mpeg", "size": "98708079", "title": "MP3 CBR 192  
Stereo", "url": "[https://download.c3l.lu/dlbase/entr0py\\_enc0re/003-5G/003-5G-stereo-cbr-192.mp3](https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-stereo-cbr-192.mp3)", {"mimeType": "audio/mpeg", "size": "65833709", "title": "MP3 CBR 128  
Stereo", "url": "[https://download.c3l.lu/dlbase/entr0py\\_enc0re/003-5G/003-5G-stereo-cbr-128.mp3](https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-stereo-cbr-128.mp3)", {"mimeType": "audio/mpeg", "size": "49396905", "title": "MP3 CBR 96  
Stereo", "url": "[https://download.c3l.lu/dlbase/entr0py\\_enc0re/003-5G/003-5G-stereo-cbr-96.mp3](https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-stereo-cbr-96.mp3)", {"mimeType": "audio/mpeg", "size": "164456821", "title": "MP3 CBR 320  
Mono", "url": "[https://download.c3l.lu/dlbase/entr0py\\_enc0re/003-5G/003-5G-mono-cbr-320.mp3](https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-mono-cbr-320.mp3)", {"mimeType": "audio/mpeg", "size": "131582450", "title": "MP3 CBR 256  
Mono", "url": "[https://download.c3l.lu/dlbase/entr0py\\_enc0re/003-5G/003-5G-mono-cbr-256.mp3](https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-mono-cbr-256.mp3)", {"mimeType": "audio/mpeg", "size": "98708079", "title": "MP3 CBR 192  
Mono", "url": "[https://download.c3l.lu/dlbase/entr0py\\_enc0re/003-5G/003-5G-mono-cbr-192.mp3](https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-mono-cbr-192.mp3)", {"mimeType": "audio/mpeg", "size": "65833709", "title": "MP3 CBR 128  
Mono", "url": "[https://download.c3l.lu/dlbase/entr0py\\_enc0re/003-5G/003-5G-mono-cbr-128.mp3](https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-mono-cbr-128.mp3)", {"mimeType": "audio/mpeg", "size": "49396524", "title": "MP3 CBR 96  
Mono", "url": "[https://download.c3l.lu/dlbase/entr0py\\_enc0re/003-5G/003-5G-mono-cbr-96.mp3](https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-mono-cbr-96.mp3)", {"mimeType": "audio/flac", "size": "256236340", "title": "FLAC  
Stereo", "url": "[https://download.c3l.lu/dlbase/entr0py\\_enc0re/003-5G/003-5G-stereo.flac](https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-stereo.flac)", {"mimeType": "audio/flac", "size": "203709649", "title": "FLAC  
Mono", "url": "[https://download.c3l.lu/dlbase/entr0py\\_enc0re/003-5G/003-5G-mono.flac](https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-mono.flac)"}], "duration": "1:8:29.228", "files": [{"mimeType": "audio/opus", "size": "134623083", "title": "O  
PUS VBR 256  
Stereo", "url": "[https://download.c3l.lu/dlbase/entr0py\\_enc0re/003-5G/003-5G-stereo-vbr-256.opus](https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-stereo-vbr-256.opus)", {"mimeType": "audio/opus", "size": "95215336", "title": "OPUS VBR 192  
Stereo", "url": "[https://download.c3l.lu/dlbase/entr0py\\_enc0re/003-5G/003-5G-stereo-vbr-192.opus](https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-stereo-vbr-192.opus)", {"mimeType": "audio/opus", "size": "61325862", "title": "OPUS VBR 128  
Stereo", "url": "[https://download.c3l.lu/dlbase/entr0py\\_enc0re/003-5G/003-5G-stereo-vbr-128.opus](https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-stereo-vbr-128.opus)", {"mimeType": "audio/opus", "size": "45991465", "title": "OPUS VBR 96  
Stereo", "url": "[https://download.c3l.lu/dlbase/entr0py\\_enc0re/003-5G/003-5G-stereo-vbr-96.opus](https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-stereo-vbr-96.opus)", {"mimeType": "audio/opus", "size": "33978526", "title": "OPUS VBR 64  
Stereo", "url": "[https://download.c3l.lu/dlbase/entr0py\\_enc0re/003-5G/003-5G-stereo-vbr-64.opus](https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-stereo-vbr-64.opus)", {"mimeType": "audio/opus", "size": "149101178", "title": "OPUS VBR 256  
Mono", "url": "[https://download.c3l.lu/dlbase/entr0py\\_enc0re/003-5G/003-5G-mono-vbr-256.opus](https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-mono-vbr-256.opus)", {"mimeType": "audio/opus", "size": "115999996", "title": "OPUS VBR 192  
Mono", "url": "[https://download.c3l.lu/dlbase/entr0py\\_enc0re/003-5G/003-5G-mono-vbr-192.opus](https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-mono-vbr-192.opus)", {"mimeType": "audio/opus", "size": "77640275", "title": "OPUS VBR 128  
Mono", "url": "[https://download.c3l.lu/dlbase/entr0py\\_enc0re/003-5G/003-5G-mono-vbr-128.opus](https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-mono-vbr-128.opus)", {"mimeType": "audio/opus", "size": "57856330", "title": "OPUS VBR 96  
Mono", "url": "[https://download.c3l.lu/dlbase/entr0py\\_enc0re/003-5G/003-5G-mono-vbr-96.opus](https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-mono-vbr-96.opus)", {"mimeType": "audio/opus", "size": "37948920", "title": "OPUS VBR 64  
Mono", "url": "[https://download.c3l.lu/dlbase/entr0py\\_enc0re/003-5G/003-5G-mono](https://download.c3l.lu/dlbase/entr0py_enc0re/003-5G/003-5G-mono)

vbr-64.opus"}, {"mimeType": "audio/ogg", "size": "178183979", "title": "OGG VBR 320 Stereo", "url": "https://download.c3l.lu/dlbase/entr0py\_enc0re/003-5G/003-5G-stereo-vbr-320.ogg"}, {"mimeType": "audio/ogg", "size": "148964850", "title": "OGG VBR 256 Stereo", "url": "https://download.c3l.lu/dlbase/entr0py\_enc0re/003-5G/003-5G-stereo-vbr-256.ogg"}, {"mimeType": "audio/ogg", "size": "108213771", "title": "OGG VBR 192 Stereo", "url": "https://download.c3l.lu/dlbase/entr0py\_enc0re/003-5G/003-5G-stereo-vbr-192.ogg"}, {"mimeType": "audio/ogg", "size": "72175725", "title": "OGG VBR 128 Stereo", "url": "https://download.c3l.lu/dlbase/entr0py\_enc0re/003-5G/003-5G-stereo-vbr-128.ogg"}, {"mimeType": "audio/ogg", "size": "50635042", "title": "OGG VBR 96 Stereo", "url": "https://download.c3l.lu/dlbase/entr0py\_enc0re/003-5G/003-5G-stereo-vbr-96.ogg"}, {"mimeType": "audio/ogg", "size": "126469627", "title": "OGG VBR 320 Mono", "url": "https://download.c3l.lu/dlbase/entr0py\_enc0re/003-5G/003-5G-mono-vbr-320.ogg"}, {"mimeType": "audio/ogg", "size": "126469627", "title": "OGG VBR 256 Mono", "url": "https://download.c3l.lu/dlbase/entr0py\_enc0re/003-5G/003-5G-mono-vbr-256.ogg"}, {"mimeType": "audio/ogg", "size": "117016377", "title": "OGG VBR 192 Mono", "url": "https://download.c3l.lu/dlbase/entr0py\_enc0re/003-5G/003-5G-mono-vbr-192.ogg"}, {"mimeType": "audio/ogg", "size": "83145332", "title": "OGG VBR 128 Mono", "url": "https://download.c3l.lu/dlbase/entr0py\_enc0re/003-5G/003-5G-mono-vbr-128.ogg"}, {"mimeType": "audio/ogg", "size": "62581054", "title": "OGG VBR 96 Mono", "url": "https://download.c3l.lu/dlbase/entr0py\_enc0re/003-5G/003-5G-mono-vbr-96.ogg"}, {"mimeType": "audio/mpeg", "size": "112575776", "title": "MP3 VBR 320 Stereo", "url": "https://download.c3l.lu/dlbase/entr0py\_enc0re/003-5G/003-5G-stereo-vbr-320.mp3"}, {"mimeType": "audio/mpeg", "size": "112575776", "title": "MP3 VBR 256 Stereo", "url": "https://download.c3l.lu/dlbase/entr0py\_enc0re/003-5G/003-5G-stereo-vbr-256.mp3"}, {"mimeType": "audio/mpeg", "size": "112575776", "title": "MP3 VBR 192 Stereo", "url": "https://download.c3l.lu/dlbase/entr0py\_enc0re/003-5G/003-5G-stereo-vbr-192.mp3"}, {"mimeType": "audio/mpeg", "size": "70281944", "title": "MP3 VBR 128 Stereo", "url": "https://download.c3l.lu/dlbase/entr0py\_enc0re/003-5G/003-5G-stereo-vbr-128.mp3"}, {"mimeType": "audio/mpeg", "size": "44504357", "title": "MP3 VBR 96 Stereo", "url": "https://download.c3l.lu/dlbase/entr0py\_enc0re/003-5G/003-5G-stereo-vbr-96.mp3"}, {"mimeType": "audio/mpeg", "size": "79148380", "title": "MP3 VBR 320 Mono", "url": "https://download.c3l.lu/dlbase/entr0py\_enc0re/003-5G/003-5G-mono-vbr-320.mp3"}, {"mimeType": "audio/mpeg", "size": "79148380", "title": "MP3 VBR 256 Mono", "url": "https://download.c3l.lu/dlbase/entr0py\_enc0re/003-5G/003-5G-mono-vbr-256.mp3"}, {"mimeType": "audio/mpeg", "size": "79148380", "title": "MP3 VBR 192 Mono", "url": "https://download.c3l.lu/dlbase/entr0py\_enc0re/003-5G/003-5G-mono-vbr-192.mp3"}, {"mimeType": "audio/mpeg", "size": "79148380", "title": "MP3 VBR 128 Mono", "url": "https://download.c3l.lu/dlbase/entr0py\_enc0re/003-5G/003-5G-mono-vbr-128.mp3"}, {"mimeType": "audio/mpeg", "size": "60018390", "title": "MP3 VBR 96 Mono", "url": "https://download.c3l.lu/dlbase/entr0py\_enc0re/003-5G/003-5G-mono-vbr-96.mp3"}, {"mimeType": "audio/mpeg", "size": "164456821", "title": "MP3 CBR 320 Stereo", "url": "https://download.c3l.lu/dlbase/entr0py\_enc0re/003-5G/003-5G-stereo-cbr-320.mp3"}, {"mimeType": "audio/mpeg", "size": "131582450", "title": "MP3 CBR 256 Stereo", "url": "https://download.c3l.lu/dlbase/entr0py\_enc0re/003-5G/003-5G-stereo-cbr-256.mp3"}, {"mimeType": "audio/mpeg", "size": "98708079", "title": "MP3 CBR 192 Stereo", "url": "https://download.c3l.lu/dlbase/entr0py\_enc0re/003-5G/003-5G-stereo-cbr-192.mp3"}, {"mimeType": "audio/mpeg", "size": "65833709", "title": "MP3 CBR 128 Stereo", "url": "https://download.c3l.lu/dlbase/entr0py\_enc0re/003-5G/003-5G-stereo-cbr-128.mp3"}, {"mimeType": "audio/mpeg", "size": "49396905", "title": "MP3 CBR 96 Stereo", "url": "https://download.c3l.lu/dlbase/entr0py\_enc0re/003-5G/003-5G-stereo-cbr-96.mp3"}, {"mimeType": "audio/mpeg", "size": "164456821", "title": "MP3 CBR 320



- 3. Coronavirus
- 8. Future
  - 1. 6G

## Sources

- [YouTube - re:publica 2019 - Thomas Lohninger: Mit 5G wird Milch und Honig fließen](#)
- [Der Standard - 5G: Die Rückkehr der "Strahlenangst"](#)
- [Luxembourg 5G Strategy Expert Report](#)
- [media.ccc.de - 36C3 - Der Pfad von 4G zu 5G: Die Luftschnittstelle und das Core im Wandel der Zahlen](#)
- [media.ccc.de - CCCamp2019 - Die 5G-Überwachungsstandards: Cops gegen Telekoms im ETSI](#)
- [media.ccc.de - 36C3 - 5G & Net Neutrality: Status of the Net Neutrality Reform in Europe](#)
- [TNO Report - 5G and Net Neutrality: a functional analysis to feed the policy discussion](#)
- [Blog: WirelessMoves](#)

## Files

Length:

Type	VBR/CBR	Mono/Stereo	Bitrate	Link	Size
OPUS	VBR	Stereo	256	<a href="#">003-5G-stereo-vbr-256.opus</a>	134.6 MB
			192	<a href="#">003-5G-stereo-vbr-192.opus</a>	95.2 MB
			128	<a href="#">003-5G-stereo-vbr-128.opus</a>	61.3 MB
			96	<a href="#">003-5G-stereo-vbr-96.opus</a>	46.0 MB
			64	<a href="#">003-5G-stereo-vbr-64.opus</a>	34.0 MB
		Mono	256	<a href="#">003-5G-mono-vbr-256.opus</a>	149.1 MB
			192	<a href="#">003-5G-mono-vbr-192.opus</a>	116.0 MB
			128	<a href="#">003-5G-mono-vbr-128.opus</a>	77.6 MB
			96	<a href="#">003-5G-mono-vbr-96.opus</a>	57.9 MB
			64	<a href="#">003-5G-mono-vbr-64.opus</a>	37.9 MB
OGG	VBR	Stereo	320	<a href="#">003-5G-stereo-vbr-320.ogg</a>	178.2 MB
			256	<a href="#">003-5G-stereo-vbr-256.ogg</a>	149.0 MB
			192	<a href="#">003-5G-stereo-vbr-192.ogg</a>	108.2 MB
			128	<a href="#">003-5G-stereo-vbr-128.ogg</a>	72.2 MB
			96	<a href="#">003-5G-stereo-vbr-96.ogg</a>	50.6 MB
		Mono	320	<a href="#">003-5G-mono-vbr-320.ogg</a>	126.5 MB
			256	<a href="#">003-5G-mono-vbr-256.ogg</a>	126.5 MB
			192	<a href="#">003-5G-mono-vbr-192.ogg</a>	117.0 MB
			128	<a href="#">003-5G-mono-vbr-128.ogg</a>	83.1 MB
			96	<a href="#">003-5G-mono-vbr-96.ogg</a>	62.6 MB

Type	VBR/CBR	Mono/Stereo	Bitrate	Link	Size
MP3	VBR	Stereo	320	<a href="#">003-5G-stereo-vbr-320.mp3</a>	112.6 MB
			256	<a href="#">003-5G-stereo-vbr-256.mp3</a>	112.6 MB
			192	<a href="#">003-5G-stereo-vbr-192.mp3</a>	112.6 MB
			128	<a href="#">003-5G-stereo-vbr-128.mp3</a>	70.3 MB
			96	<a href="#">003-5G-stereo-vbr-96.mp3</a>	44.5 MB
		Mono	320	<a href="#">003-5G-mono-vbr-320.mp3</a>	79.1 MB
			256	<a href="#">003-5G-mono-vbr-256.mp3</a>	79.1 MB
			192	<a href="#">003-5G-mono-vbr-192.mp3</a>	79.1 MB
			128	<a href="#">003-5G-mono-vbr-128.mp3</a>	79.1 MB
			96	<a href="#">003-5G-mono-vbr-96.mp3</a>	60.0 MB
	CBR	Stereo	320	<a href="#">003-5G-stereo-cbr-320.mp3</a>	164.5 MB
			256	<a href="#">003-5G-stereo-cbr-256.mp3</a>	131.6 MB
			192	<a href="#">003-5G-stereo-cbr-192.mp3</a>	98.7 MB
			128	<a href="#">003-5G-stereo-cbr-128.mp3</a>	65.8 MB
Mono		96	<a href="#">003-5G-stereo-cbr-96.mp3</a>	49.4 MB	
		320	<a href="#">003-5G-mono-cbr-320.mp3</a>	164.5 MB	
		256	<a href="#">003-5G-mono-cbr-256.mp3</a>	131.6 MB	
		192	<a href="#">003-5G-mono-cbr-192.mp3</a>	98.7 MB	
FLAC	N/A	Stereo	N/A	<a href="#">003-5G-stereo.flac</a>	256.2 MB
		Mono	N/A	<a href="#">003-5G-mono.flac</a>	203.7 MB

From: <https://wiki.c3l.lu/> - **Chaos Computer Club Lëtzebuerg**

Permanent link: [https://wiki.c3l.lu/doku.php?id=projects:entr0py\\_encore:003\\_5g&rev=1587508999](https://wiki.c3l.lu/doku.php?id=projects:entr0py_encore:003_5g&rev=1587508999)

Last update: **2020/04/22 00:43**

