entr0py Encore - 003 5G

Project	entr0py Encore
Status	Planning
Contact	metalgamer
Episode Number	003
Subject	5G
Recording Date	2020-04-20
Publish Date	

Overview

1. Introduction
2. 2G, 3G, 4G, 5G - What the heck?
    1. Technical standard bodies
        1. 3GPP
3. Technical Aspects & Differences to 4G
    1. Frequency & Bandwidth
    2. Cell-structure
    3. MIMO
    4. Beamforming
    5. QoS
4. For what use/applications of 5G
    1. IoT
    2. Agriculture
    3. "Normal people"
    4. Bridge to next fiber access
    5. Health
5. Netneutrality
    1. What is net neutrality?
    2. "Social packages" - net neutrality for enterprises
    3. QoS
    4. Two-class network
6. Security aka. Huawei, Cisco. Monopoly's
    1. Built-In espionage & surveillance
7. Health
    1. Wear your alufoil hat
    2. General implications
    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
OGG Vorbis	VBR	Stereo	320		
			256		
			192		
			128		
			96		
		Mono	320		
			256		
			192		
			128		
			96		
Opus	VBR	Stereo	256		
			192		
			128		
			96		
			64		
		Mono	256		
			192		
			128		
			96		
			64		

Type	VBR/CBR	Mono/Stereo	Bitrate	Link	Size
MP3	VBR	Stereo	320		
			256		
			192		
			128		
			96		
		Mono	320		
			256		
			192		
			128		
			96		
	CBR	Stereo	320		
			256		
			192		
			128		
			96		
		Mono	320		
			256		
			192		
			128		
			96		
FLAC	N/A	Stereo	N/A		
		Mono			

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