



Cyfrowy Polsat IR Newsletter

1 - 7 April 2019



N E T I A

Rp.pl
2 April 2019

Lithuania can help us with 5G *by Urszula Zielińska*

According to the Office of Electronic Communications, allocation of the spectrum from the 3.6-3.8 GHz range, i.e. the spectrum from the first bandwidth designed for the purpose of 5G network roll out, will be possible at the turn of June and July 2020.

An agreement with Russia, regarding the spectrum from the 700 MHz frequency band, is required for the 5G network to be put on-air and to operate on the entire territory of Poland. Without a compromise in this matter, the operation of the Polish next generation network could face interference from the equipment operating in Kaliningrad (Konigsberg) district. According to the sources quoted by "Rzeczpospolita" daily, support in the form of joint negotiations has been offered by the Lithuanian counterpart of Polish Office of Electronic Communications. Due to the dragging discussions with Russia, Poland has applied to the European Union for extension of the time for changing the allocation of the spectrum from 700 MHz band by two years (i.e. till June 2022).

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Unofficial results of mobile number porting in Q1 2019 *by Urszula Zielińska*

According to the preliminary, partial data from the Office of Electronic Communications, in Q1 2019 the best balance in terms number porting was achieved by Premium Mobile (+17.6 K). The figure also includes the results achieved by a2Mobile, a brand which was added to Premium Mobile by Cyfrowy Polsat Group. The no. 2 spot went to Plus (+8.5K). Nc+, who uses Play's network infrastructure, was third (+3.3 K).

According to unofficial information, the remaining three big telecoms recorded negative number porting balances: T-Mobile -7.4 K, Orange Polska -13.8 K, and Play -20 K.

Puls Biznesu
2 April 2019

Play could be deprived of the precious spectrum

by Marcel Zatoński

On 1 April 2019 the Office of Electronic Communications published “an action plan aimed at allocation of the spectrum from the 3600 – 3800 MHz frequency band.” The spectrum in question is intended to be used for providing 5G services. By the middle of next year the regulator wishes to invite a new tender for the spectrum from this frequency band.

Nationwide spectrum reservations for this band are currently held by T-Mobile and Play (till the end of 2019) and by Netia, who is member of Cyfrowy Polsat Group (till the end of 2020).

Play bought the rights to the spectrum from 3701-3715 MHz and 3715-3729 MHz bands from Softnet Group for PLN 81 million in mid-2017.

Recent events



Press release
2 April 2019

Plus and Cyfrowy Polsat are the most Internet-intensive companies in Poland! EXABYTE of data transferred in 2018! Over 73% of Poland's inhabitants live within the coverage area of LTE Plus Advanced service, while 99% have access to LTE technology

Over a billion gigabytes (GB) were transferred in Cyfrowy Polsat Group's network in 2018! It's the first Exabyte of data transferred in a mobile network in Poland, with more than 91% of the data transmission taking place in LTE and LTE Advanced technologies whose coverage footprints extend over a territory inhabited by 99% and 73% of Poland's population, respectively.

Plus and Cyfrowy Polsat users are the heaviest mobile Internet users in Poland. In 2018 they transferred 965 PB of data, or 28% more than a year earlier, and if roaming traffic and the traffic generated by MVNO's in Cyfrowy Polsat Group's network is included, then the figure exceeds one Exabyte (1 EB is 10 to the power of 18, or one billion gigabytes).

Year 2018 was the time of continuous investments in further telecommunication network roll-out. The activities were conducted based on the spectrum from 900 MHz, 1800 MHz, 2100 MHz and 2600 MHz frequency bands owned by the Cyfrowy Polsat Group while exploiting spectrum aggregation in these bands. As of EOP 2018 the Group owned over 13.3 thousand eNodeB's operating in LTE/LTE Advanced technologies at various frequency bands.

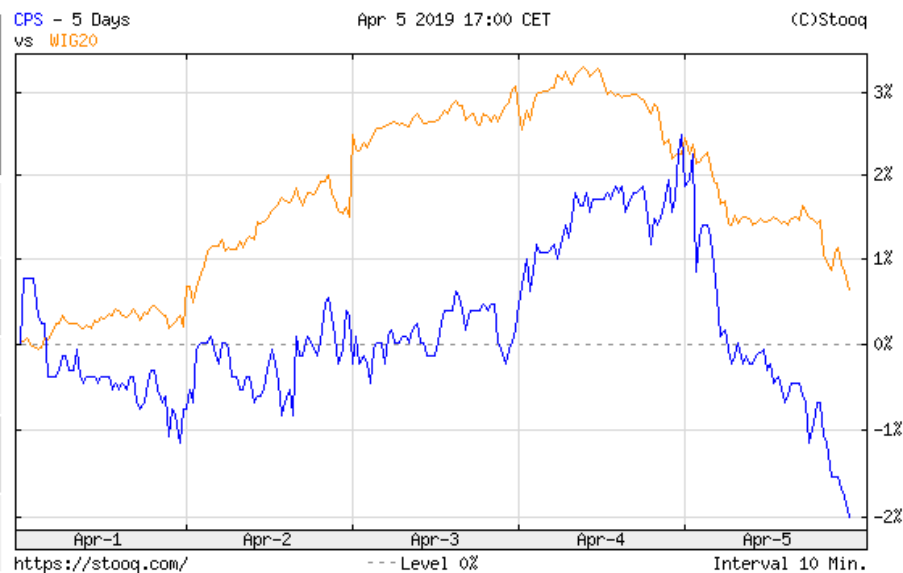
Spectrum aggregation, in combination with use of 256 QAM modulation and MIMO4x4, has enabled the operator to provide superior quality services to Plus and Cyfrowy Polsat customers. This has enabled the operator to offer, in some areas of Poland, LTE-Advanced technology supporting maximum transfer rates in excess of 600 Mbps.

These advanced technological solutions were being implemented in Cyfrowy Polsat Group since October 2017. Taking into account the most recent messages that our competitors were sending to the market and to the clients, we can conclude that Plus and Cyfrowy Polsat have been 5G-Super Ready ;) for over a year and a half now.

Cyfrowy Polsat shares



Data	Maximum price (PLN)	Minium price (PLN)	Closing price (PLN)	Change (%)	Turnover (mPLN)
2019-04-01	26.22	25.54	25.70	0.08%	6.62
2019-04-02	26.04	25.50	25.98	1.09%	6.31
2019-04-03	26.16	25.78	25.94	-0.15%	11.64
2019-04-04	26.54	25.98	26.54	2.31%	6.77
2019-04-05	26.74	25.38	25.38	-4.37%	9.97



Investor's calendar



11 – 12 April 2019	Roadshow, New York
2 – 16 May 2019	Closed period prior to the publication of Q1 2019 results
14 May 2019	Quarterly report for Q1 2019
17 May 2019	Investor's day: TMT, Warsaw, DM PKO BP
15 – 29 August 2019	Closed period prior to the publication of H1 2019 results
29 August 2019	Consolidated semi-annual report for the 1st half of 2019
24 October – 7 November 2019	Closed period prior to the publication of Q3 2019 results
7 November 2019	Quarterly report for Q3 2019

