devolo dLAN 200 AVplus



Volgens PD4KH:

Buiten de amateur banden inderdaad veel signaal, en bij idle ook het beruchte getik (en dat ook niet op amateur banden).

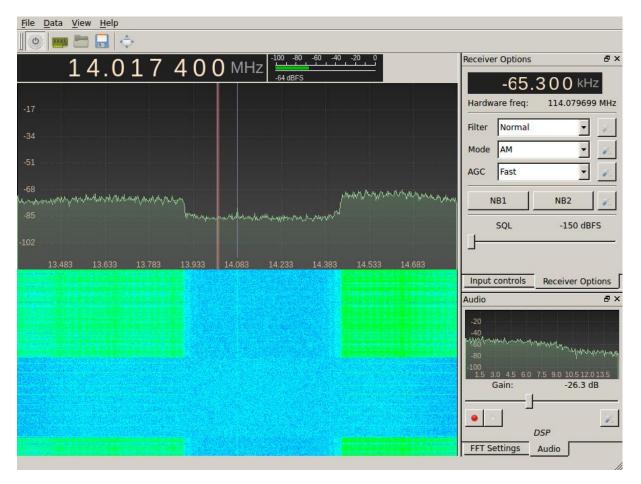
Zie de screenshots op <u>http://idefix.net/~koos/newsitem.cgi/1384984155</u>:

This evening I played a bit with it and caused heavy traffic on that bit of network using iperf and the results in gqrx are stunning. Around the 20 meter amateur band (14000-14350 kHz) the difference is quite visible. The band itself is clearly notched, but a serious amount of radio noise is visible outside the band.

The gqrx displays are the current signal levels across the frequency spectrum in the top half of the display and a waterfall display in the bottom half. The waterfall display shows the history of those levels as indexed colors.

The upside: these PLC adapters (devolo) clearly use notching. Interference on amateur bands is small. But I don't receive any other amateur radio signals either so I still have a problem.

The downside: outside the amateur bands the interference is quite strong. Weak signals do not survive this.



gqrx receiving radio signal around the 20 meter band with the PLC network loaded with heavy traffic

File	<u>D</u> ata <u>V</u>	iew <u>H</u> elp											
	1	.4.0	17	400) MH:	< I	-60 -40	-20 0		Receive	r Options		8 ×
	_		<u> </u>			-64 dBFS					-65	300	κΗz
-17										Hardw	are freq:	114.079	699 MHz
-34										Filter	Normal		•
										Mode	АМ		•
-51										AGC	Fast		•
											в1	NB2	
W-7875-W	,,nportadoreta	manpharandad	monumber	human	ang	When he have the	han han ber	a alimpit wat the a	Anther and a stranger of the second second		SQL		dBFS
-102										⊓—	SQL	-150	
	13.483	13.633	13.783	13.933	14.083	14.233	14.383	14.533	14.683	-			
										Input	controls	Receiver	Options
										Audio			₽×
										-20			
		And the part								-40 _60'_	www.www.nu	and and the second s	
										-80 -100			
											.0 4.5 6.0 Gain:	7.5 9.0 10.5 -26.	12.0 13.5 3 dB
												DSP	×
										FFT S	ettings	Audio	
													//

gqrx receiving radio signal around the 20 meter amateur band with the PLC network idle.