| Output Language: Python Generate Options: QT GUI Complexity: 391ubal | Start: 7M Stop: 7.04M Step: 1 | Default Value: 450 Start: 25 Stop: 1k Step: 1 | Default Value: 100m Start: 10m Stop: 1 Step: 10m | Default Value: 1 Start: 10m Stop: 10 Step: 10m | Default Value: 100m Start: 10m Stop: 1 Step: 10m | 35.7 - 137,8 kHz 1810 - 1838 kHz 3500 - 3570 kHz 7000 - 7040 kHz 10100 - 10130 kHz | http://dk3red.homepage.t-online.de/de/s3_02.htm http://dk3red.homepage.t-online.de/de/s3.htm https://wiki.oevsv.at/wiki/Abk%C3%BCrzungen |
|--|---|--|---|--|---|---|--|
| | Variable ID: freq_shift_corr Value: -602.5 to match signals found | signal gain | thresholder low | thresholder high | avoid listening to loud clipped signals | 14000 - 14070 kHz 18068 - 18095 kHz 21000 - 21070 kHz 24890 - 24915 kHz 28000 - 28070 kHz | https://www.modellskipper.de/Maritimes/Abkuerzungen_Abschnitt_A/Index https://www.qsl.net/dk5ke/abk.html https://wiki.edu.vn/wiki18/2021/01/26/abkurzungen-fur-morsecodes-wikipedia/https://en.wikipedia.org/wiki/Morse_code_abbreviations |
| osmocom Source Sync: Don't Sync Number Channels: 1 Sample Rate (sps): 192k Ch0: Frequency (Hz): 6.9994M Ch0: Frequency Correction (ppm): 0 Ch0: DC Offset Mode: 0 Ch0: IQ Balance Mode: 0 Ch0: Gain Mode: True Ch0: RF Gain (dB): 5 Ch0: IF Gain (dB): 20 Ch0: BB Gain (dB): 20 Ch0: Bandwidth (Hz): 10k | out in Figure 2 in Figure 2 in Spectrum analysers | QT GUI Waterfall Sink FT Size: 1024 Center Frequency (Hz): Bandwidth (Hz): 1k elps the user to nd and adjust ctive Morse gnals Band Pass Filter Decimation: 8 Bain: 15 Bample Rate: 192k Dow Cutoff Freq: 400 Bligh Cutoff Freq: 805 Bransition Width: 400 Window: Blackman Beta: 6.76 Very dense filter pick up just one orse signal Fast Multipl Constant: 10 Rational Rei Interpolation: Taps: Fractional BV especially to avoid overflow | Sim Thresh Alpha: filter ou below g sampler 1: 1 4 V: 0 | ple Squelch hold (dB): -110 : 1 It low noise given threshold Interpretation Threshold Low: 100m High: 1 Initial State: 0 Decide whether the received sign is on or off | nk 24 kHz In Och Asa Sha Lor Bre Tola Del Ver dete syml syml with No 270 825 270 825 1200 150 | lorse Decoder ok_Pause: 240 ocii_Pause: 650 oort_Sym: 240 ng_Sym: 700 eak_Pause: 930 lerance: 150 ebug: False orbose: True ermines the morse abols ".", "_", and abol/word breaks of a certain tolerance Note ote: slower Morse parameters 0 Note ote: faster Morse parameters | QT GUI Time Sink Number of Points: 74k Sample Rate: 6k Autoscale: No to adjust the thresholder ZMQ PUSH Message Sink Address: top/il0.1555555 Timeout (msec): 900 provide signal to a ZMQ server to futher decode the symbols to human-readible ASCII symbols and words |

QT GUI Range

ID: lo_thres

Label: low_thres

QT GUI Range

ID: gain

Label: Gain

QT GUI Range

Label: high_thres

ID: hi_thres

QT GUI Range

ID: loudness

Label: loudness

Note

Note: permitte... frequencies

35.7 - 137,8 kHz

Note

Note: Morse Ab...Translation)

several (mostly German) websites on Morse code and acronyms

QT GUI Range

ID: freq_morse

Label: Frequency

Default Value: 7M

Variable

ID: samp_rate

Value: 192k

Options

Output Language: Python

Title: gr_Morse_Receiver

Author: henningM1r