Options QT GUI Range Variable Variable **QT GUI Range Variable Variable ID:** freq DCF77 Title: DCF77 Channel ID: NoiseGain **ID:** samp rate **ID:** fading freq ID: v ID: c **Value:** 77.5k **Default Value: 1.25M Value:** 277.778m **Value: 300M Author:** henningM1R Label: NoiseGain Value: 48k Output Language: Python **Default Value:** 1 Start: 1M speed of light speed **Generate Options: QT GUI** Start: 10m Stop: 6M (faster than in reality) **Stop:** 3 **Step:** 100k Complexity: 122ubal Step: 10m low frequency => slower fades high frequency => faster fades **QT GUI Time Sink** Name: DCF-Sign...hannel, Time **Number of Points: 192k** Sample Rate: 48k Autoscale: No **QT GUI Frequency Sink** Name: DCF77 Si...I, Frequency **TCP Source FFT Size:** 1024 **Address:** 127.0.0.1 Center Frequency (Hz): 0 **Port:** 55.553k Bandwidth (Hz): 48k Add out in0 Mode: Client **Fading Model** Selector in1 Num Sinusoids (SoS model): 12 Enabled: Enabled TCP Sink **Fast Noise Source** Normalized Max Doppler (fD*Ts): 24.112...7n Number of Inputs: 2 Mode: Server en LOS Model: Rayleigh/NLOS Number of Outputs: 1 Noise Type: Gaussian **Port:** 55.554k Input Index: 0 **Amplitude:** 1 **Seed:** 0 iindex **Seed:** 0 Output Index: 0 **QT GUI Toggle Button** Variate Pool Size: 8.192k oindex **ID:** fading toggle button **Label:** Fading (on/off) **Default Value:** 0 state - - 1 Initial State: Released Pressed: 1 Released: 0 enable/disable slow

fading effect