

Options
Title: UHF ATSC...om RSPdx-R2
Author: RoboDog714
Output Language: Python
Generate Options: QT GUI

Variable
ID: samp_rate
Value: 10.776M

QT GUI Entry
ID: cf
Label: Center Frequency (MHz)
Default Value: 527M

QT GUI Range
ID: rfGain
Label: RF Gain (dB)
Default Value: 30
Start: 0
Stop: 76
Step: 1

SDRplay: RSPdx-R2
RSP Selector:
Antenna: Antenna A
Sample rate (Sps): 10.776M
Center Freq (Hz): 527M
Bandwidth (Hz): 8M
HDR mode: Enabled

ATSC Receive Pipeline
Input Rate: 10.776M
Oversampling Ratio: 1.1

UDP Sink
Address: 127.0.0.1
Destination Port: 7.777k
Header: None
UDP Packet Data Size: 1.472k
Send Null Packet as EOF: No

QT GUI Frequency Sink
Name: ATSC Spectrum
FFT Size: 8192
Center Frequency (Hz): 527M
Bandwidth (Hz): 8M

File Sink
File: atscFile.ts
Unbuffered: On
Append file: Overwrite

Char To Float
Scale: 1

QT GUI Frequency Sink
Name: ATSC Spectrum Post Pipe
FFT Size: 1024
Center Frequency (Hz): 527M
Bandwidth (Hz): 8M

