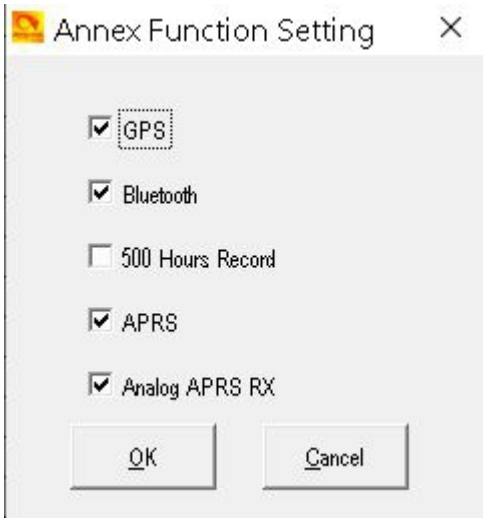
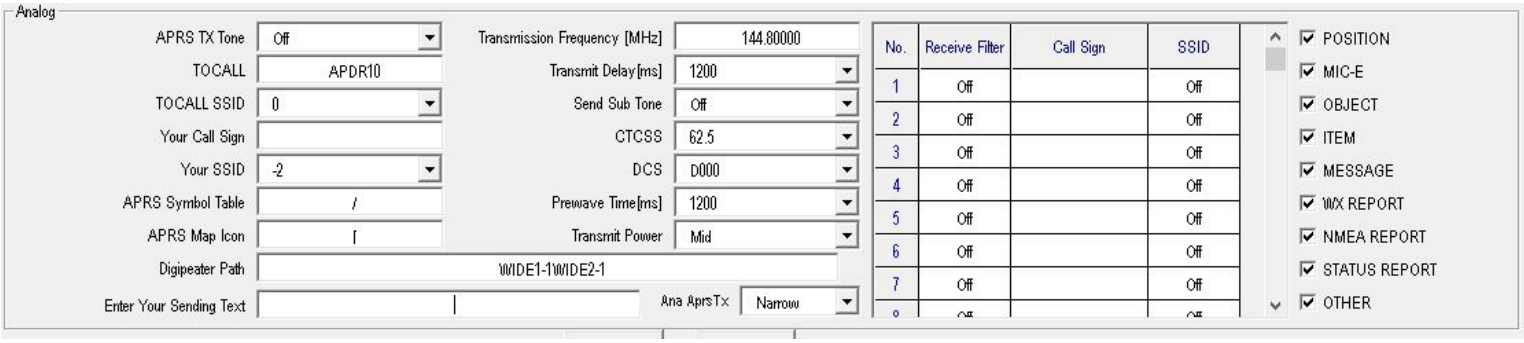
Analogue APRS RX v7

1. CPS – Tools - Options – turn on



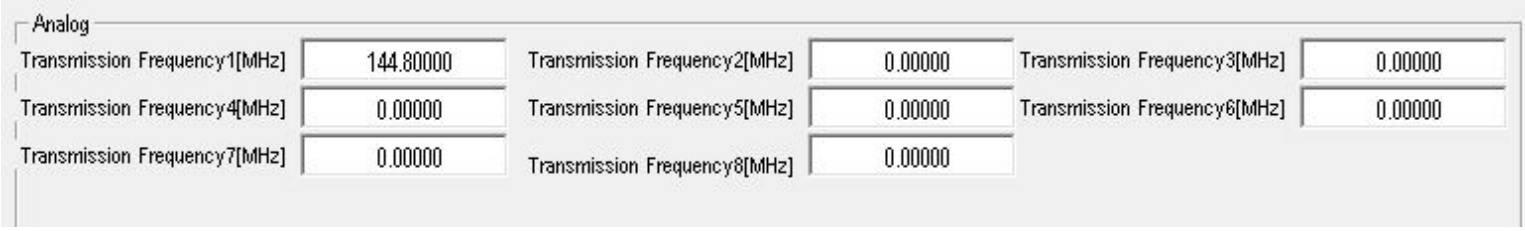
Newer firmware will have more options

2. CPS - APRS Setting - To RX all on APRS frequency 144.8000



Transmit Delay [ms] = 1200
Prewave Time [ms] = 1200
Ana Aprs TX = Wide or Narrow (Both/All radios must be set the same) **UK is Narrow.**

Newer Firmware will have this for Frequencies



3. Next we make a Channel up for 144.8000

Keep in mind 144.8000 is for data only and not for voice traffic in the UK
So I have PTT Prohibit ticked
Tick APRS RX

Even thought the UK should be narrow on the APRS RX/TX Frequency
144.8000 MHz Unconnected nets - APRS, UiView etc (Note 14)
Note 14: 144.800 use should be NBFM to avoid interference to 144.8125 DV Gateways
You might wish to set **Band Width** to 25K wide. Sorry to say, to many is still using WIDE

Add to Zone and send to Radio
Go to Channel and you will RX all Analogue APRS

4. In this next section we cover only RX preferred station

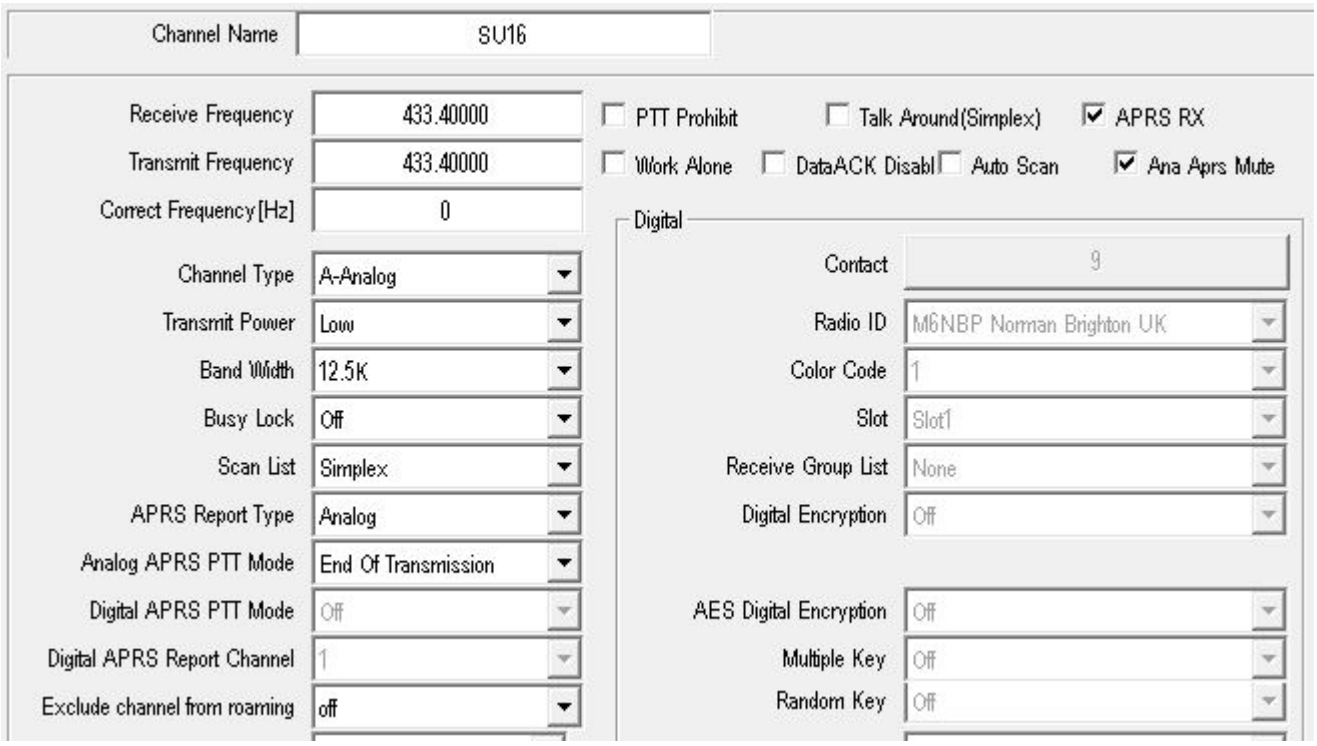
No.	Receive Allow	Call Sign	SSID
1	Off		Off
2	Off		Off
3	Off		Off
4	Off		Off
5	Off		Off
6	Off		Off
7	Off		Off

Fill in as required to only RX that station

5. TX & RX Analogue APRS on a different Frequency / Channel

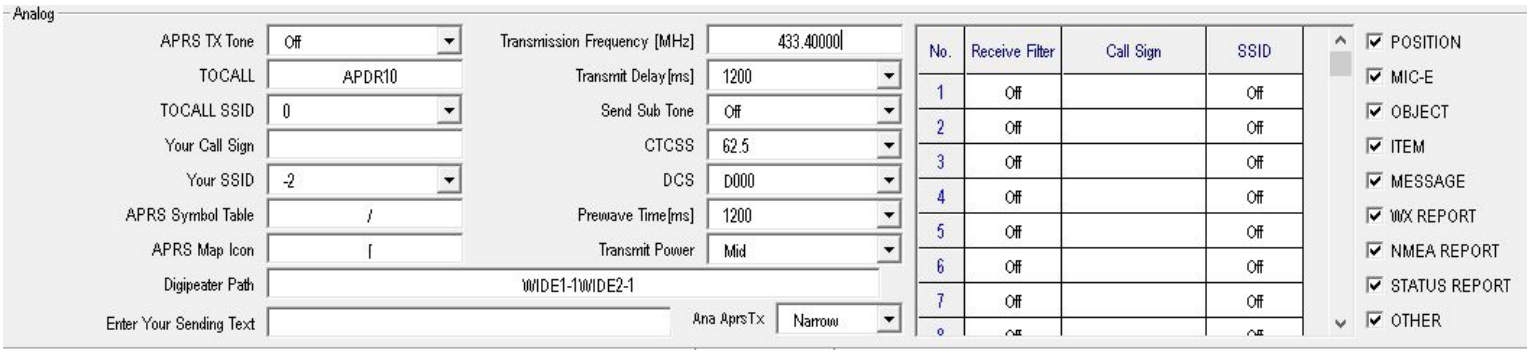
This is for radio to radio (*Not over the APRS Network*)
The newer firmware and CPS lets you have up to 8 different Frequencies/Channels.
Ideal for large events (RAYNET) and you want the location of each user on each different channels, but do not wish to go out on the APRS Network for privacy.

Same as the above and we will use a Simplex Frequency 433.40000

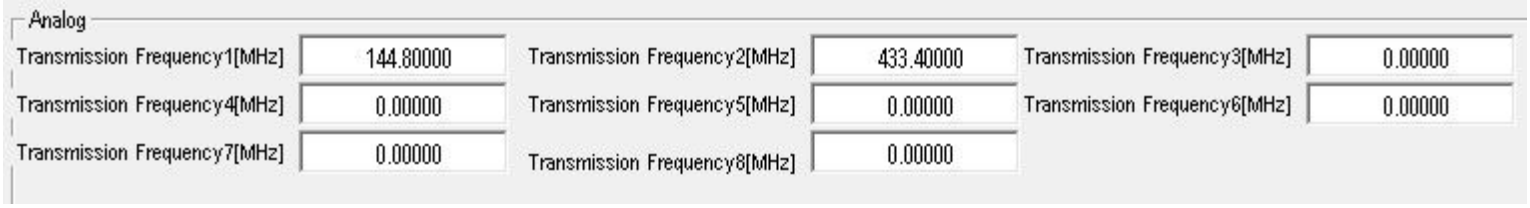


As this is a simplex frequency and permits voice traffic you will see PTT Prohibit is not ticked

6. Now in APRS Settings we need to change the Transmission Frequency [MHz] to 433.40000

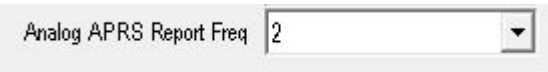


Newer Firmware will have this for Frequencies



You will see I am using 2 for the 433.40000 frequency

In that channel I set for 2



Follow Step 4 if required

The maximum received number is 256, the older ones are removed to make room for the new ones.

http://tiny.cc/Anytone-DMR