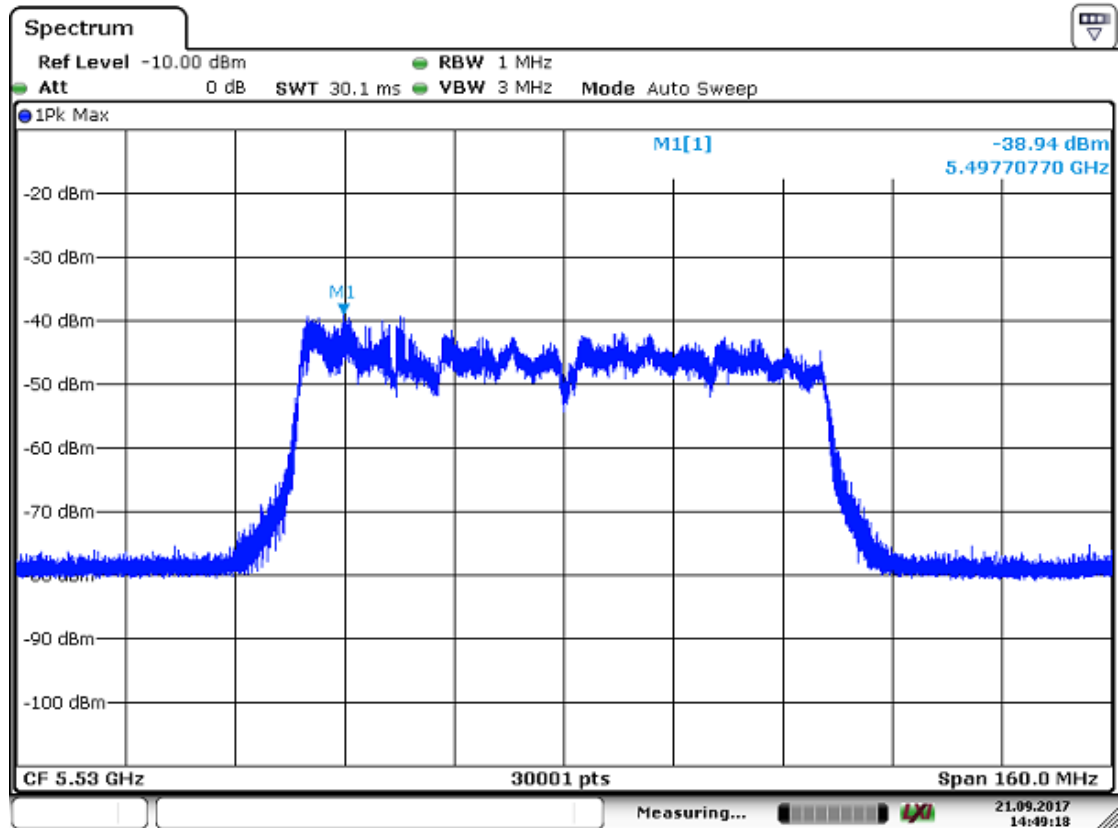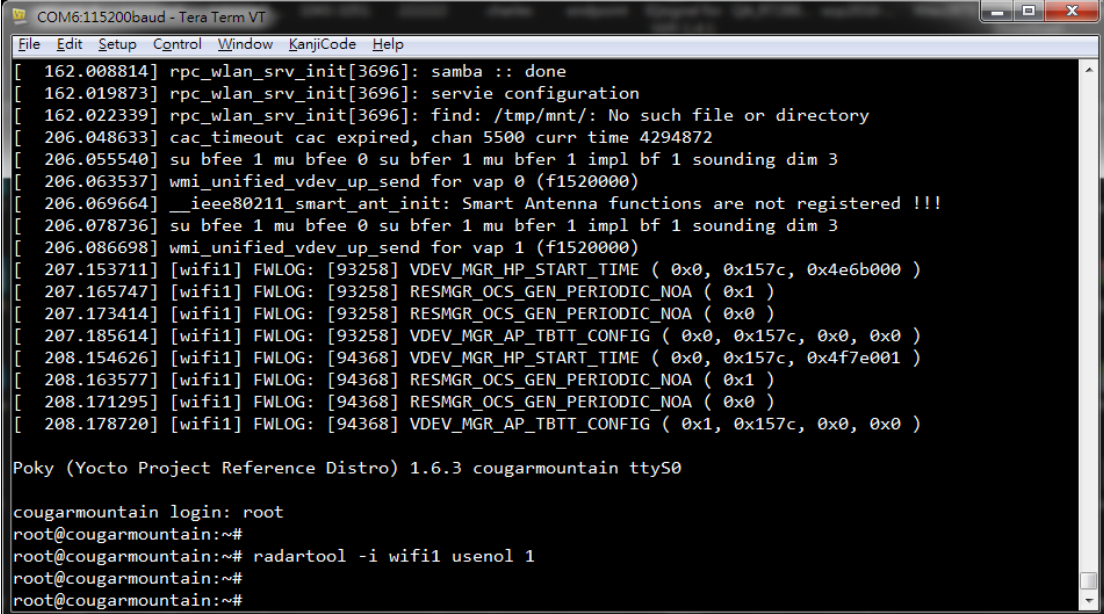# FOR CODA-4589 Channel Closing Transmission Time & Channel Move Time Issue

Step1: Check the Bandwidth and Channel at BW80 CH106

Step2: First, the CODA-4589 needs to disable "Test Mode" after power on, because the default setting is enabled Test Mode, even reboot the DUT, which is also situated in Test Mode.

After power on entering the command "radartool -i wifi1 usenol 1" it will switch to normal mode.

Run the traffic loading 17% and inject the radar at 2sec.

Step3: Set the sweep time at 20sec and check Channel Closing

Transmission Time and Channel Move Time
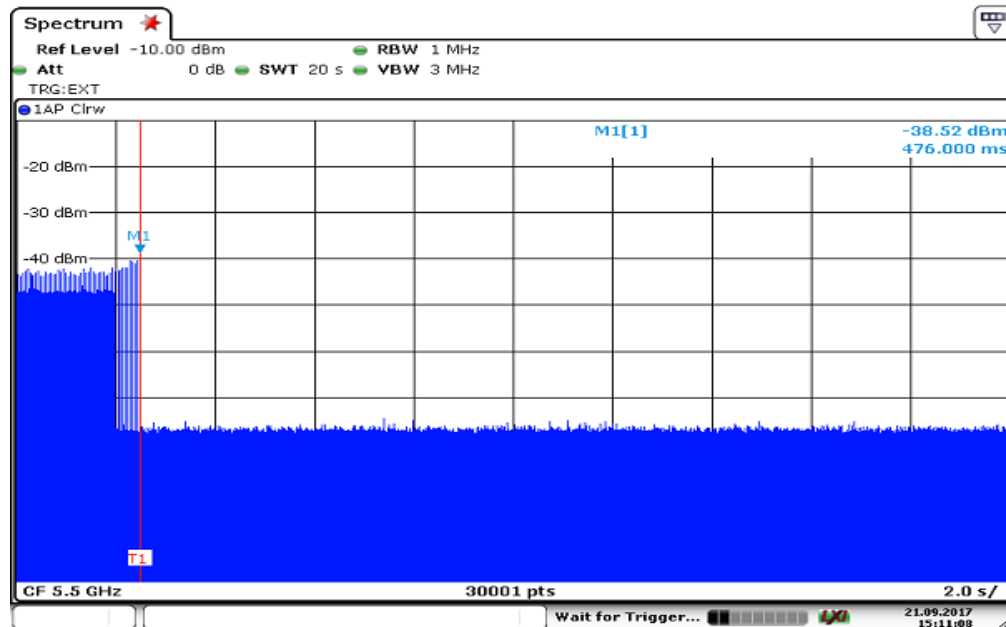
Inject the radar signal at 2sec (T1 <2.476sec> denotes the last

beacon signal when inject the radar signal)
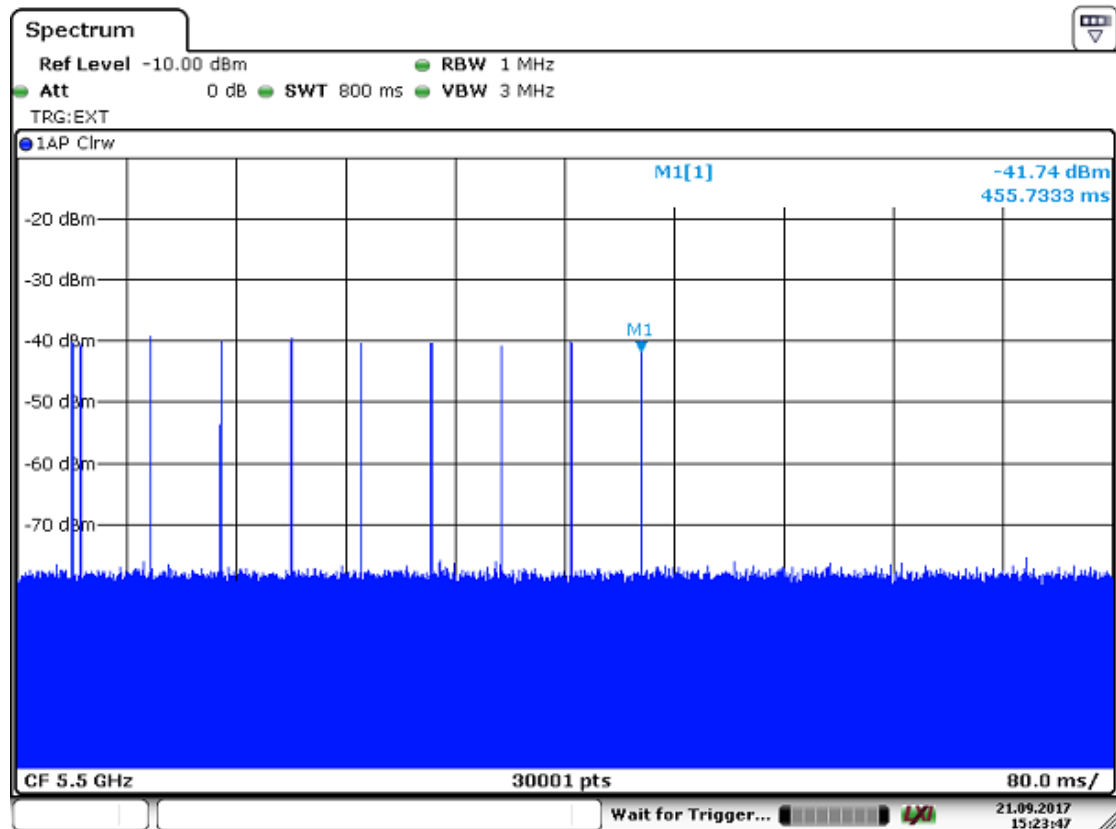
Zoom in of the first 800ms after radar signal applied.(M1

denotes the last beacon signal when inject the radar signal)

Step4: Check the Channel in console cable when injects the

radar signal, then the channel has changed to CH132.


```
COM6:115200baud - Tera Term VT
File  Edit  Setup  Control  Window  KanjiCode  Help
root@cougarmountain:~#
root@cougarmountain:~# iwlist ath4 channel
ath4      252 channels in total; available frequencies :
          Channel 36 : 5.18 GHz
          Channel 40 : 5.2 GHz
          Channel 44 : 5.22 GHz
          Channel 48 : 5.24 GHz
          Channel 52 : 5.26 GHz
          Channel 56 : 5.28 GHz
          Channel 60 : 5.3 GHz
          Channel 64 : 5.32 GHz
          Channel 100 : 5.5 GHz
          Channel 104 : 5.52 GHz
          Channel 108 : 5.54 GHz
          Channel 112 : 5.56 GHz
          Channel 116 : 5.58 GHz
          Channel 120 : 5.6 GHz
          Channel 124 : 5.62 GHz
          Channel 128 : 5.64 GHz
          Channel 132 : 5.66 GHz
          Channel 136 : 5.68 GHz
          Channel 140 : 5.7 GHz
          Channel 144 : 5.72 GHz
          Channel 149 : 5.745 GHz
          Channel 153 : 5.765 GHz
          Channel 157 : 5.785 GHz
          Channel 161 : 5.805 GHz
          Channel 165 : 5.825 GHz
          Current Frequency=5.66 GHz (Channel 132)

root@cougarmountain:~#
```
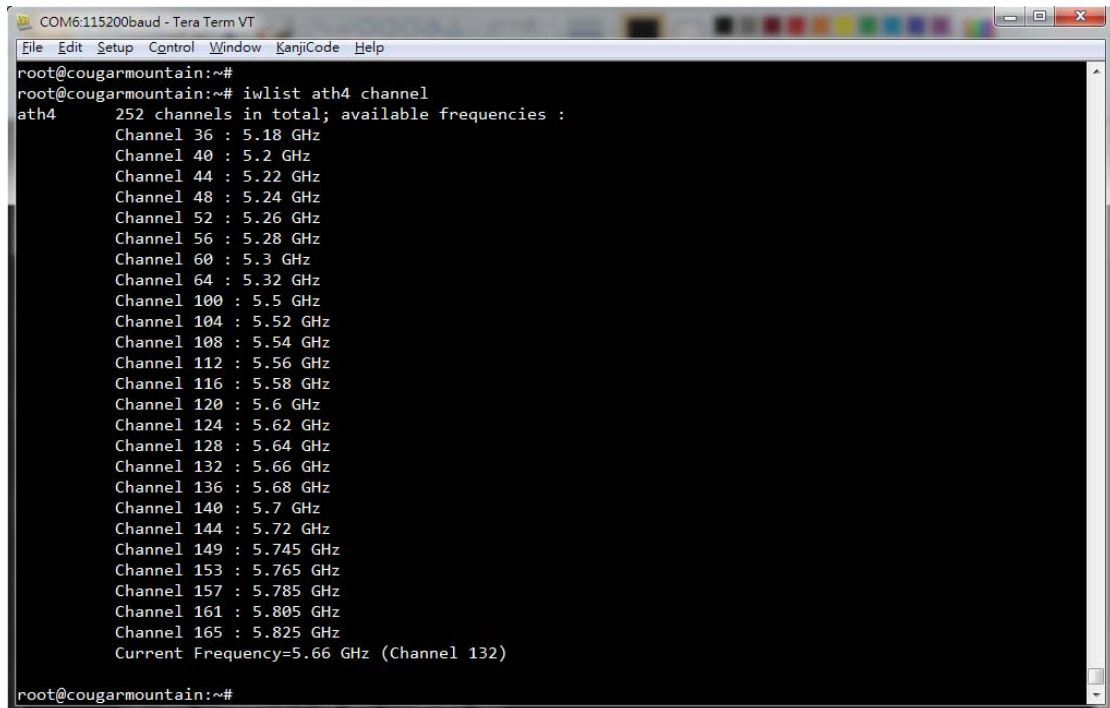
Step5: Also check this situation in spectrum analyzer, it has

beacon signal in channel 132.