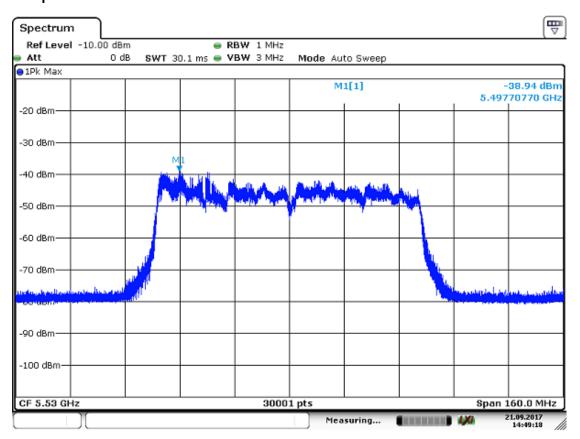
## FOR CODA-4589 Channel Closing Transmission Time & Channel Move Time Issue

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.

```
COM6:115200baud - Tera Term VT
       162.008814] rpc_wlan_srv_init[3696]: samba :: done
162.019873] rpc_wlan_srv_init[3696]: servie configuration
162.022339] rpc_wlan_srv_init[3696]: find: /tmp/mnt/: No such file or directory
      162.022339] rpc_wlan_srv_init[3696]: find: /tmp/mnt/: No such file or directory 206.048633] cac timeout cac expired, chan 5500 curr time 4294872 206.055540] su bfee 1 mu bfee 0 su bfer 1 mu bfer 1 impl bf 1 sounding dim 3 206.063537] wmi_unified_vdev_up_send for vap 0 (f1520000) 206.069664] __ieee80211_smart_ant_init: Smart Antenna functions are not registered !!! 206.078736] su bfee 1 mu bfee 0 su bfer 1 mu bfer 1 impl bf 1 sounding dim 3 206.086698] wmi_unified_vdev_up_send for vap 1 (f1520000) 207.153711] [wifi1] FWLOG: [93258] VDEV_MGR_HP_START_TIME ( 0x0, 0x157c, 0x4e6b000 ) 207.165747] [wifi1] FWLOG: [93258] RESMGR_OCS_GEN_PERIODIC_NOA ( 0x1 ) 207.173414] [wifi1] FWLOG: [93258] RESMGR_OCS_GEN_PERIODIC_NOA ( 0x0 ) 207.1856141 [wifi1] FWLOG: [93258] VDEV_MGR_AP_TBTT_CONFIG ( 0x0, 0x157c, 0x0, 0x0 )
                                                                              [93258] VDEV_MGR_AP_ENTOUTC_NOA ( 0x0 )

[94368] VDEV_MGR_AP_TBTT_CONFIG ( 0x0, 0x157c, 0x0, 0x0 )

[94368] VDEV_MGR_HP_START_TIME ( 0x0, 0x157c, 0x4f7e001 )

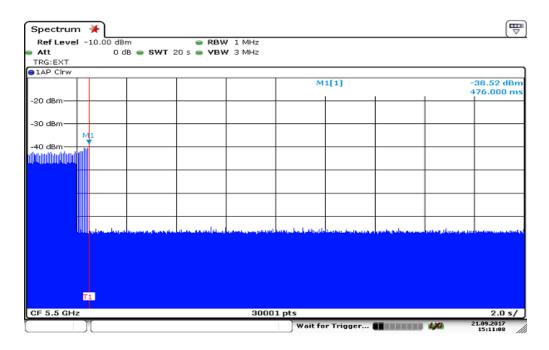
[94368] RESMGR_OCS_GEN_PERIODIC_NOA ( 0x1 )

[94368] RESMGR_OCS_GEN_PERIODIC_NOA ( 0x0 )
                                       [wifi1] FWLOG:
       207.185614]
                                       [wifi1] FWLOG:
       208.1546261
       208.1635771
                                        [wifi1]
                                                           FWLOG:
       208.171295
                                                           FWLOG:
       208.178720] [wifi1] FWLOG: [94368] VDEV_MGR_AP_TBTT_CONFIG ( 0x1, 0x157c, 0x0, 0x0 )
Poky (Yocto Project Reference Distro) 1.6.3 cougarmountain ttyS0
cougarmountain login: root
 root@cougarmountain:~#
 root@cougarmountain:∼# radartool -i wifi1 usenol 1
  oot@cougarmountain:~#
  root@cougarmountain:~#
```

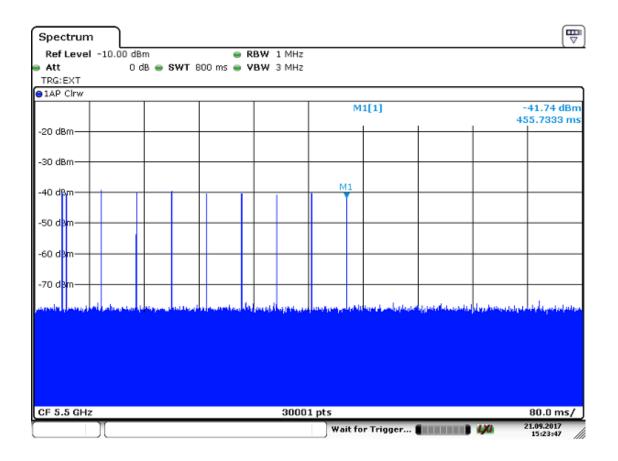
Run the traffic loading 17% and inject the radar at 2sec.

## 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.

Step5: Also check this situation in spectrum analyzer, it has beacon signal in channel 132.

