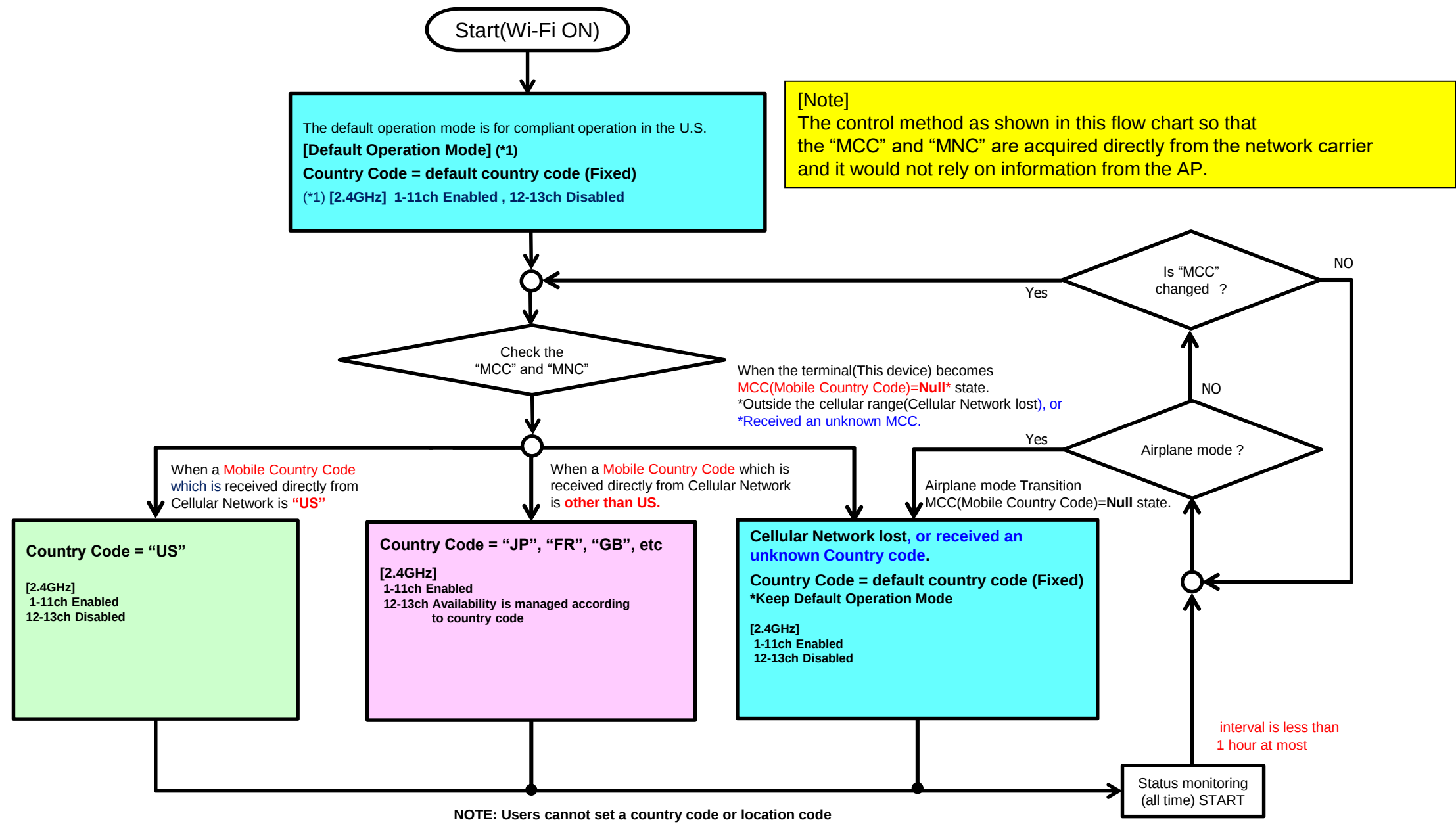


Verification report of control algorithm
is accordance with KDB594280

FCC ID : APYHRO00296

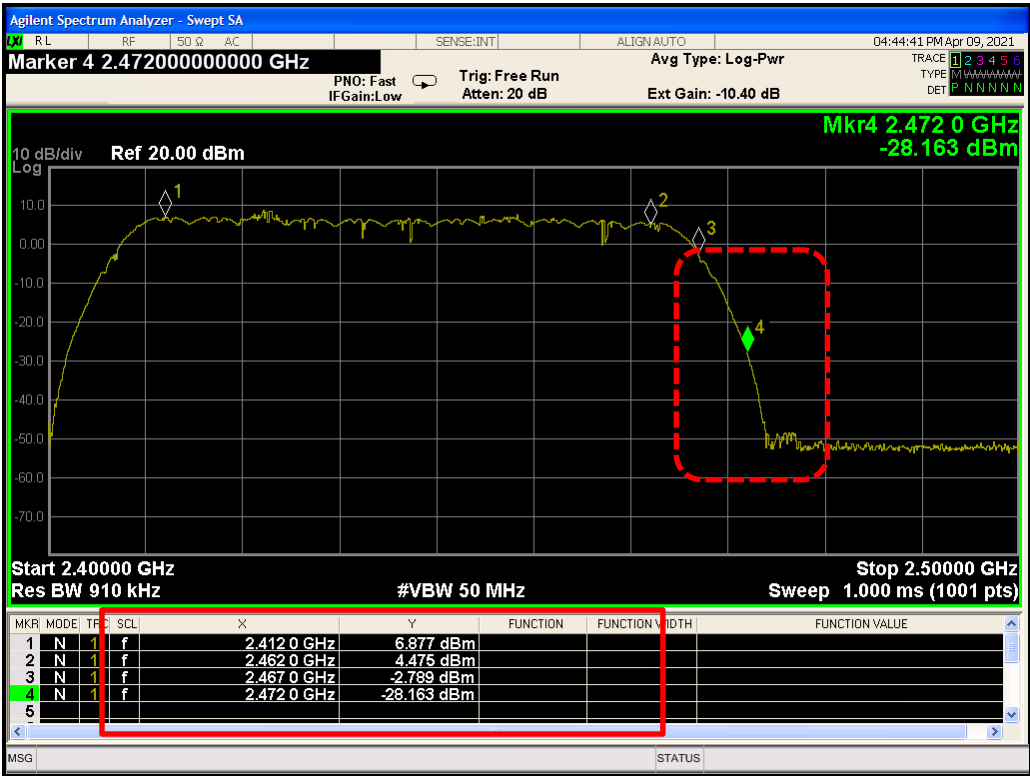
Date : 2021 May-10th

◆Channel Control Algorithm Flowchart

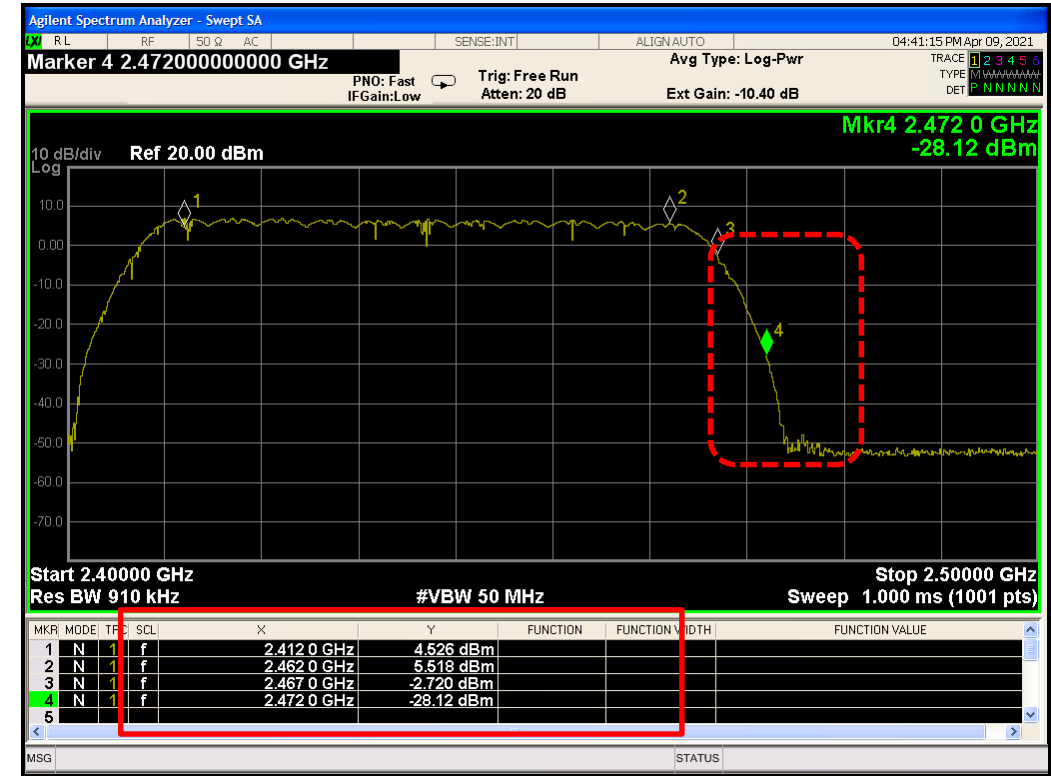


◆Scan Waveform on 2.4GHz(Country Code=default country code, US)

[CC=default country code]



[CC="US"]



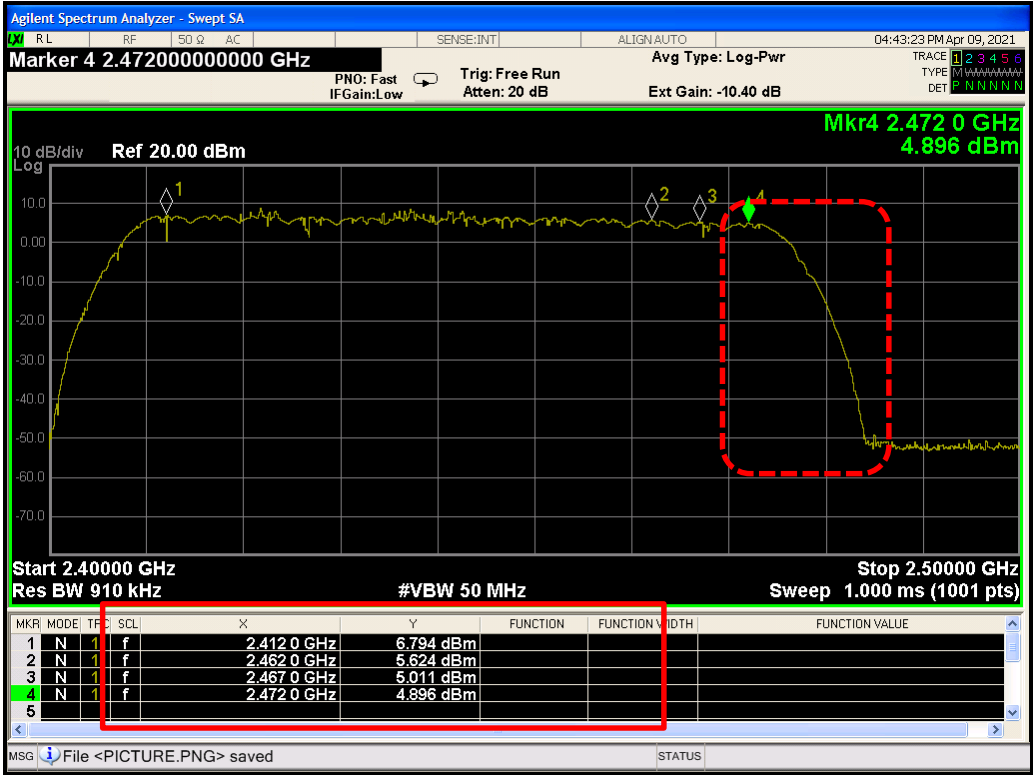
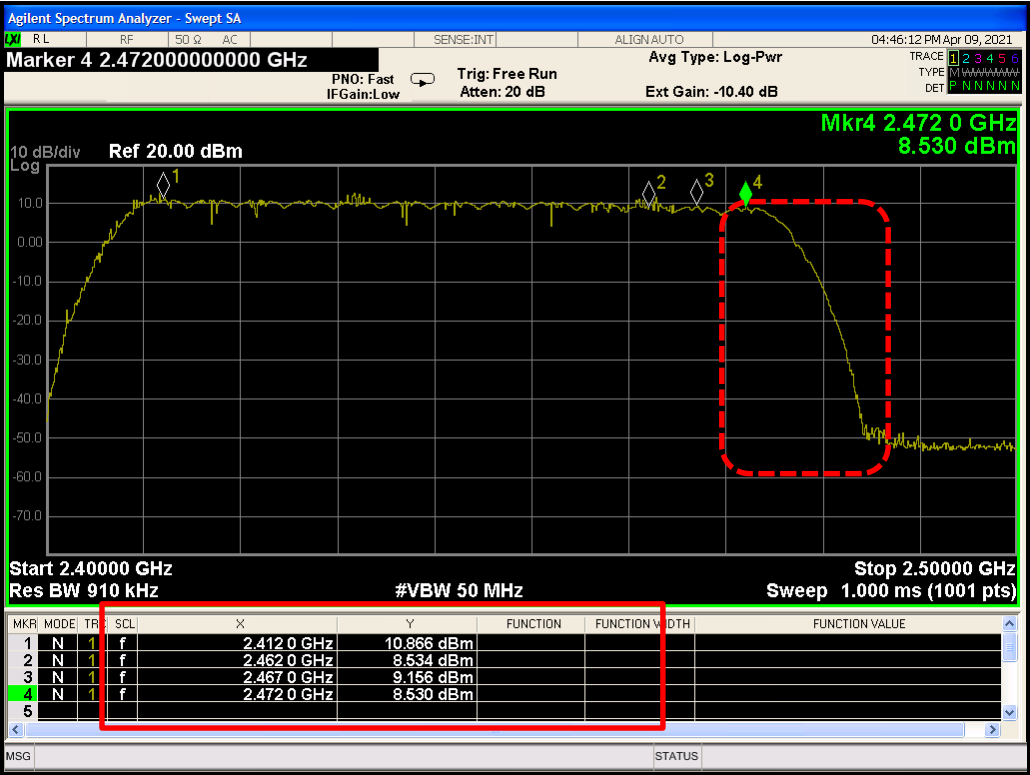
1-11ch = Enabled
12-13ch = Disabled
⇒ Operation Check Result = OK

1-11ch = Enabled
12-13ch = Disabled
⇒ Operation Check Result = OK

◆Scan Waveform on 2.4GHz(Country Code=JP, FR)

[CC="JP"]

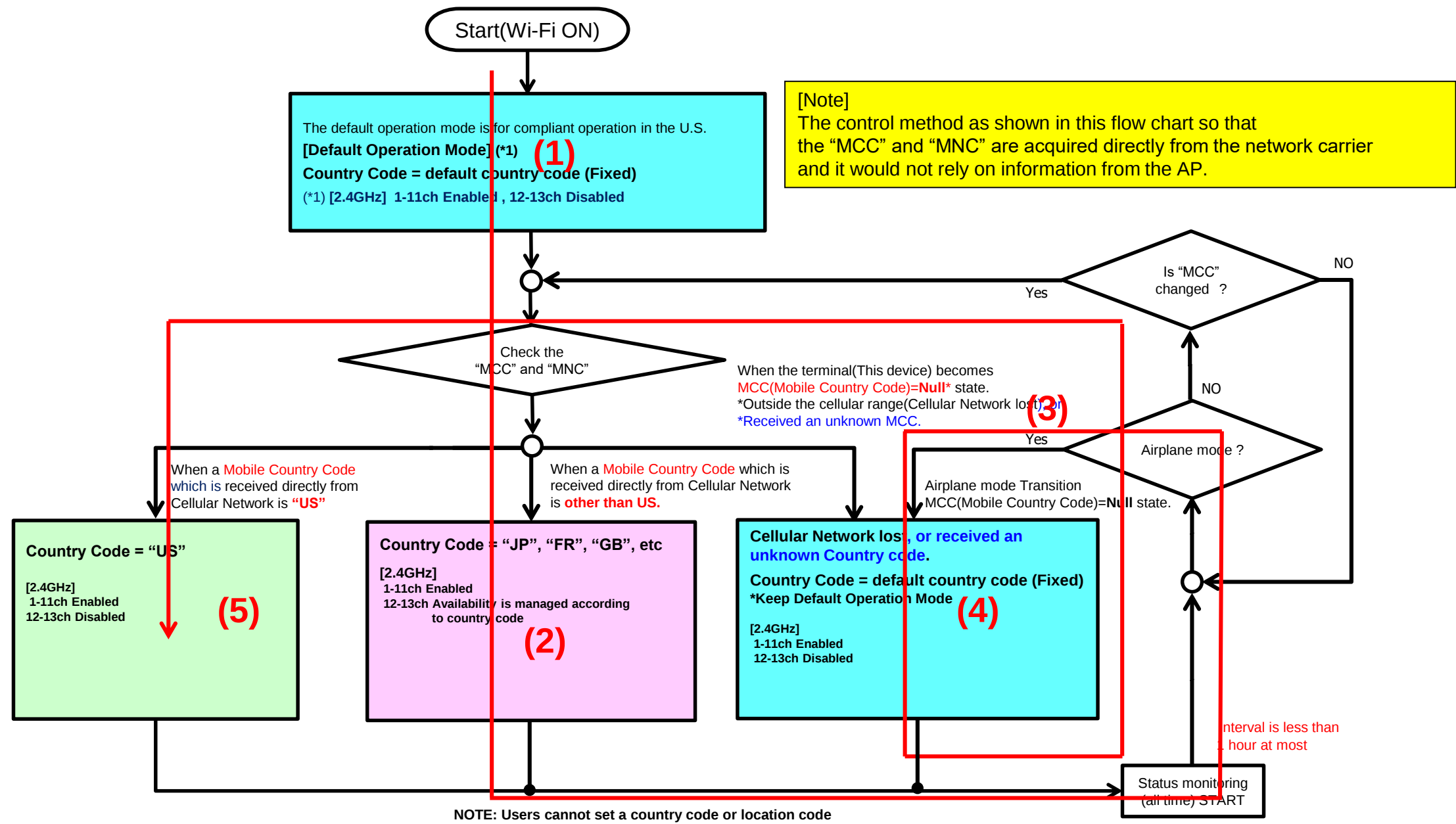
[CC="FR"]



1-13ch = Enabled
⇒ Operation Check Result = OK

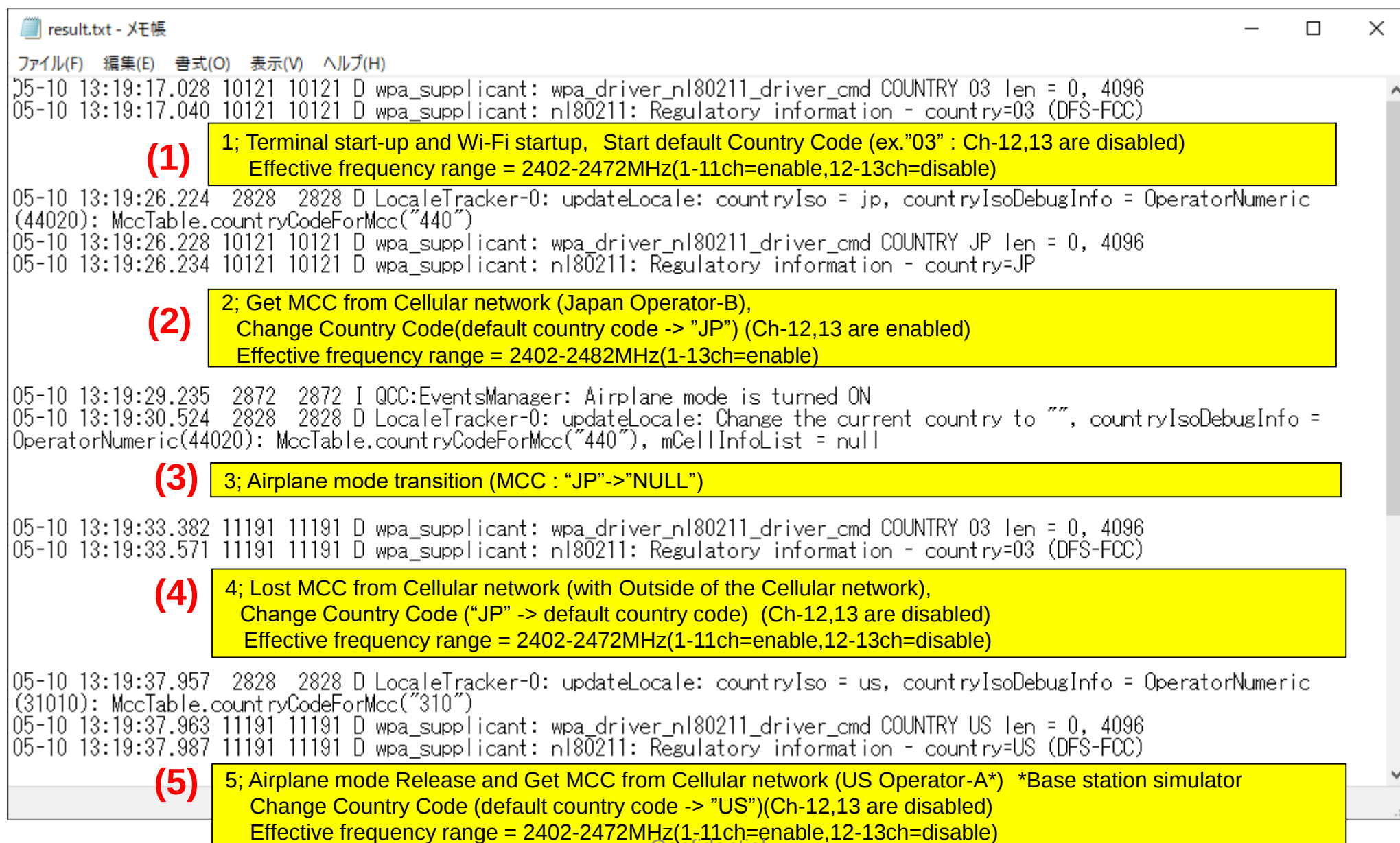
1-13ch = Enabled
⇒ Operation Check Result = OK

◆Channel Control Algorithm Flowchart



◆Verification Pattern (Operation check result)

Check Result = OK



The screenshot shows a terminal window titled "result.txt - メモ帳" with a menu bar (File, Edit, Format, View, Help). The log output contains several lines of system messages. Overlaid on the terminal are five yellow boxes, each containing a numbered step in red text:

- (1)** 1; Terminal start-up and Wi-Fi startup, Start default Country Code (ex."03" : Ch-12,13 are disabled)
Effective frequency range = 2402-2472MHz(1-11ch=enable,12-13ch=disable)
- (2)** 2; Get MCC from Cellular network (Japan Operator-B),
Change Country Code(default country code -> "JP") (Ch-12,13 are enabled)
Effective frequency range = 2402-2482MHz(1-13ch=enable)
- (3)** 3; Airplane mode transition (MCC : "JP"->"NULL")
- (4)** 4; Lost MCC from Cellular network (with Outside of the Cellular network),
Change Country Code ("JP" -> default country code) (Ch-12,13 are disabled)
Effective frequency range = 2402-2472MHz(1-11ch=enable,12-13ch=disable)
- (5)** 5; Airplane mode Release and Get MCC from Cellular network (US Operator-A*) *Base station simulator
Change Country Code (default country code -> "US")(Ch-12,13 are disabled)
Effective frequency range = 2402-2472MHz(1-11ch=enable,12-13ch=disable)

The log output visible in the background includes:

```
05-10 13:19:17.028 10121 10121 D wpa_supplicant: wpa_driver_nl80211_driver_cmd COUNTRY 03 len = 0, 4096
05-10 13:19:17.040 10121 10121 D wpa_supplicant: nl80211: Regulatory information - country=03 (DFS-FCC)
05-10 13:19:26.224 2828 2828 D LocaleTracker-0: updateLocale: countryIso = jp, countryIsoDebugInfo = OperatorNumeric(44020): MccTable.countryCodeForMcc("440")
05-10 13:19:26.228 10121 10121 D wpa_supplicant: wpa_driver_nl80211_driver_cmd COUNTRY JP len = 0, 4096
05-10 13:19:26.234 10121 10121 D wpa_supplicant: nl80211: Regulatory information - country=JP
05-10 13:19:29.235 2872 2872 I QCC:EventManager: Airplane mode is turned ON
05-10 13:19:30.524 2828 2828 D LocaleTracker-0: updateLocale: Change the current country to "", countryIsoDebugInfo = OperatorNumeric(44020): MccTable.countryCodeForMcc("440"), mCellInfoList = null
05-10 13:19:33.382 11191 11191 D wpa_supplicant: wpa_driver_nl80211_driver_cmd COUNTRY 03 len = 0, 4096
05-10 13:19:33.571 11191 11191 D wpa_supplicant: nl80211: Regulatory information - country=03 (DFS-FCC)
05-10 13:19:37.957 2828 2828 D LocaleTracker-0: updateLocale: countryIso = us, countryIsoDebugInfo = OperatorNumeric(31010): MccTable.countryCodeForMcc("310")
05-10 13:19:37.963 11191 11191 D wpa_supplicant: wpa_driver_nl80211_driver_cmd COUNTRY US len = 0, 4096
05-10 13:19:37.987 11191 11191 D wpa_supplicant: nl80211: Regulatory information - country=US (DFS-FCC)
```