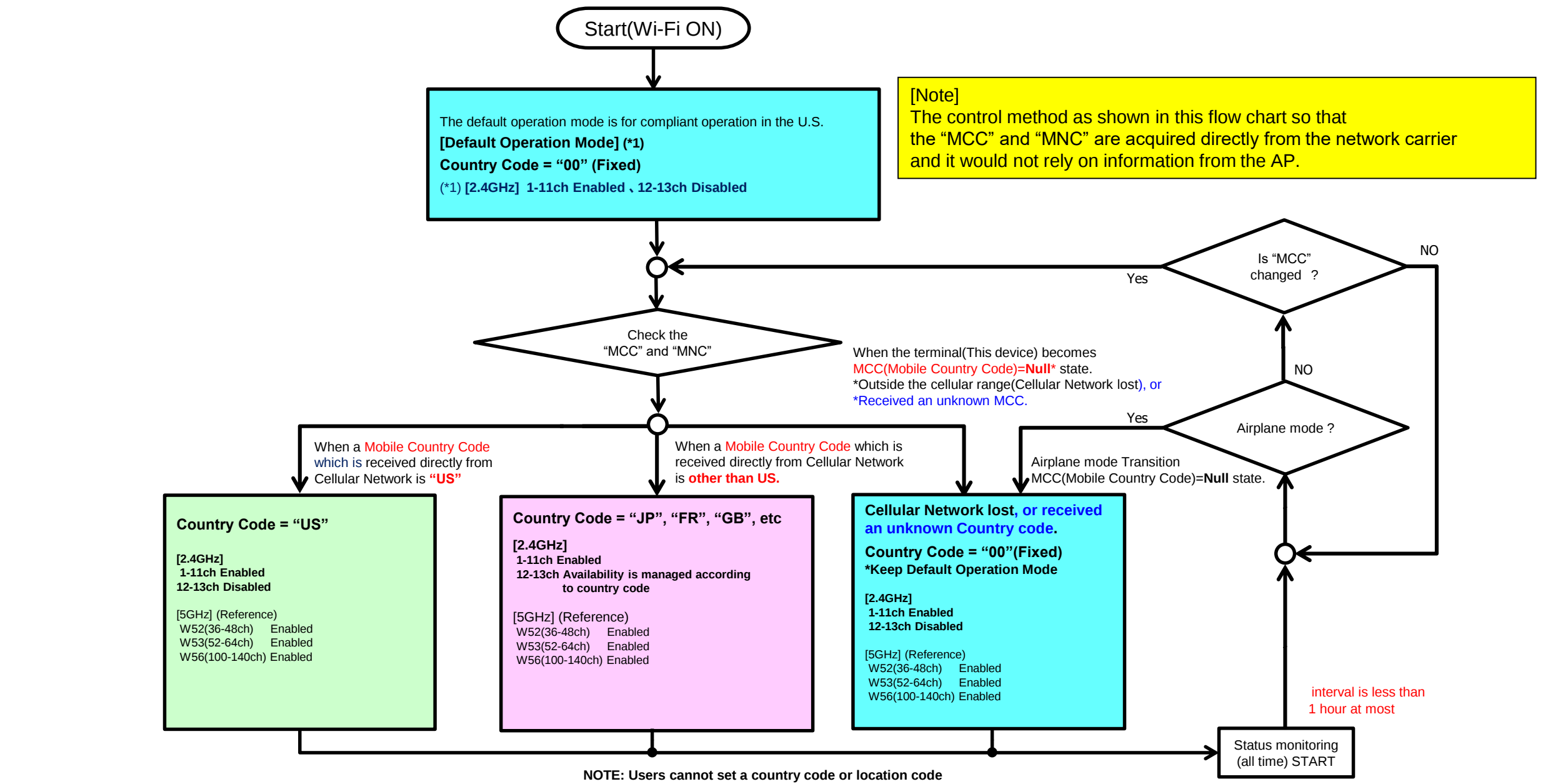


Verification report of control algorithm
is accordance with KDB594280

FCC ID : APYHRO00269

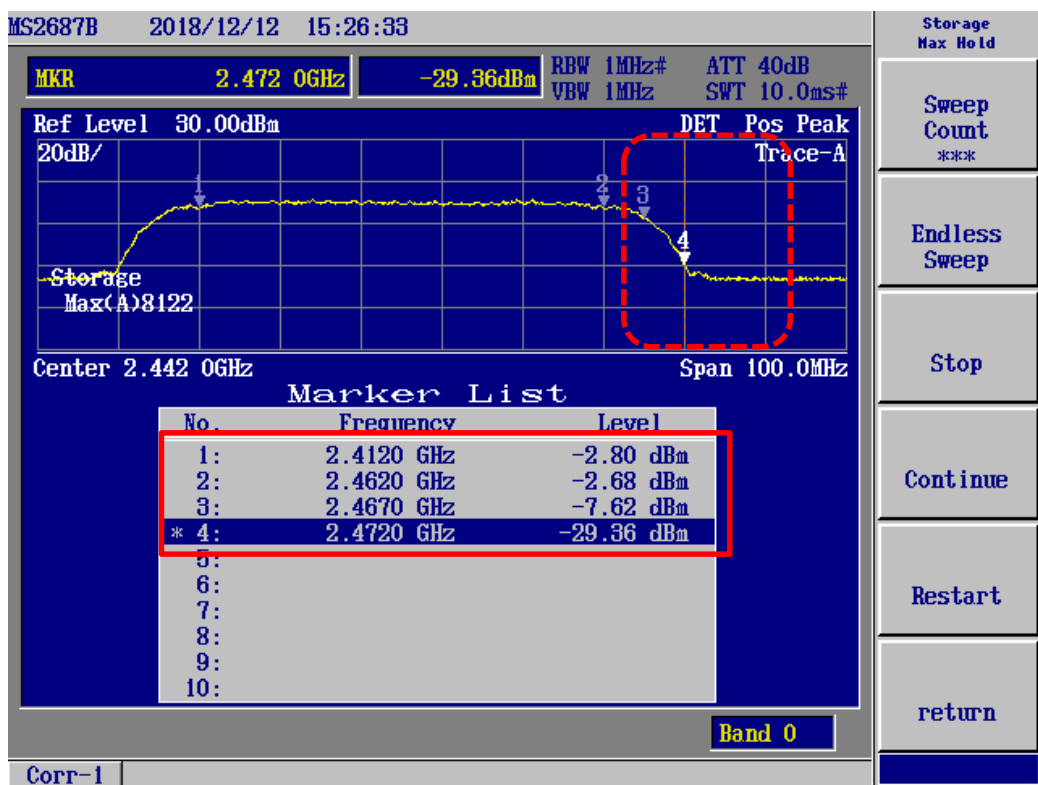
Date : 2018 December-27th

◆Channel Control Algorithm Flowchart



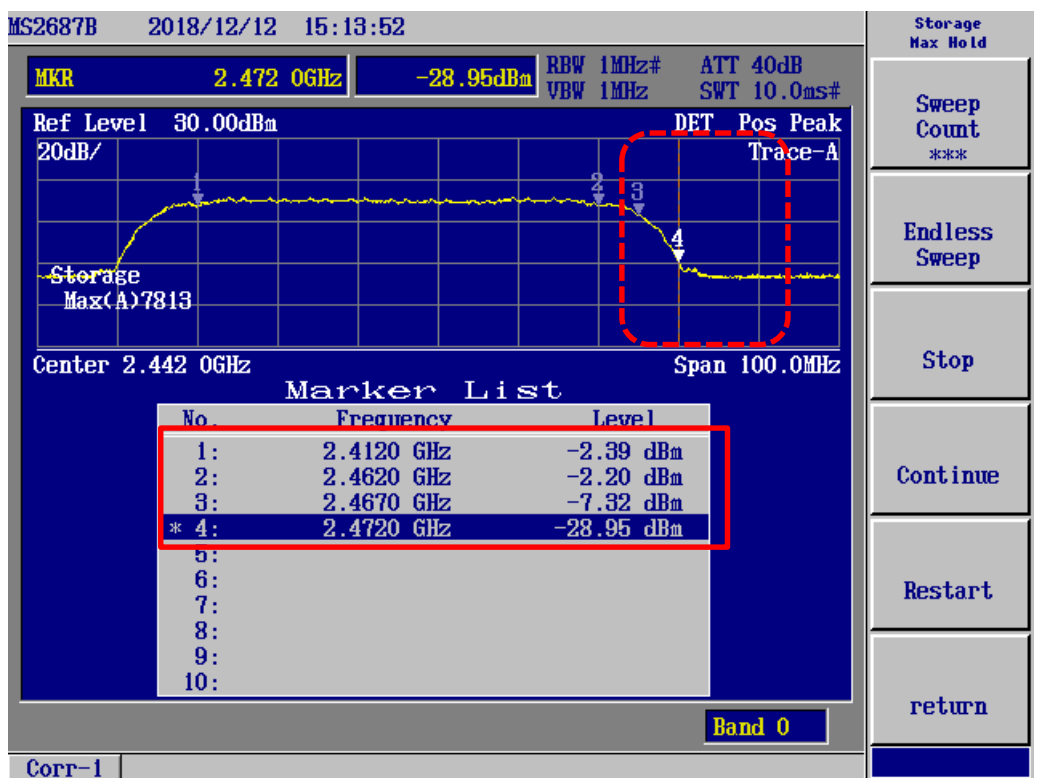
◆Scan Waveform on 2.4GHz(Country Code=US, 00(NULL))

[CC="US"]



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

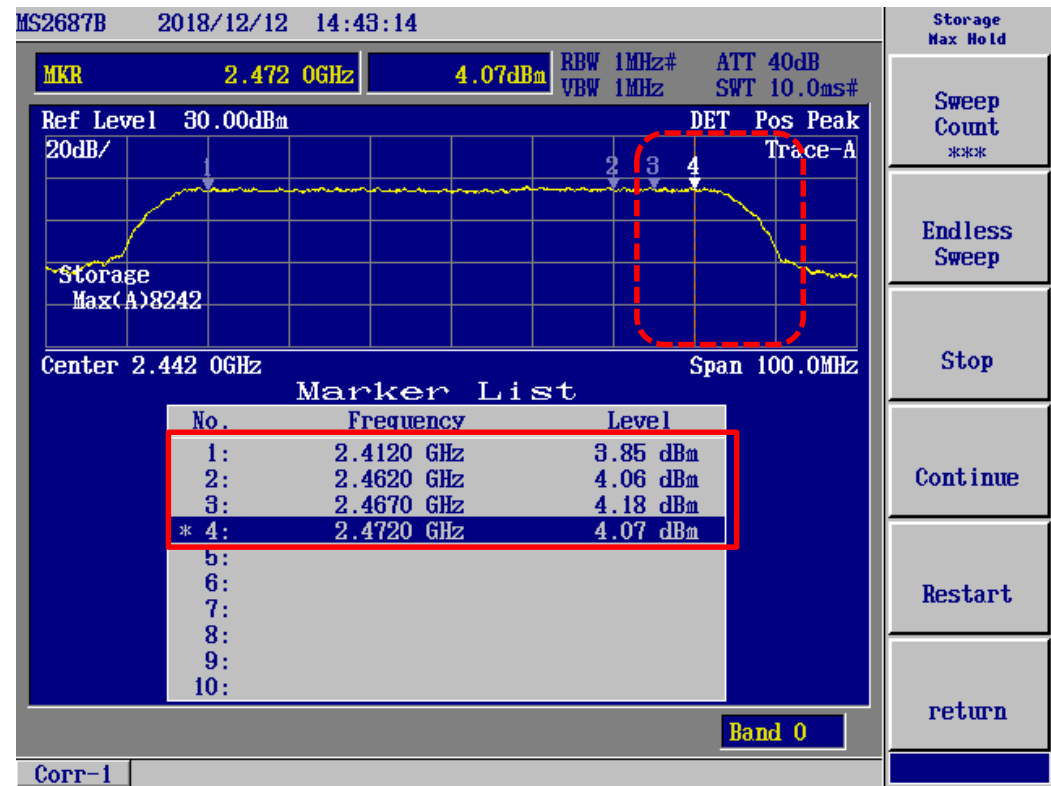
[CC="00"(NULL)] ※Default Operation Mode



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

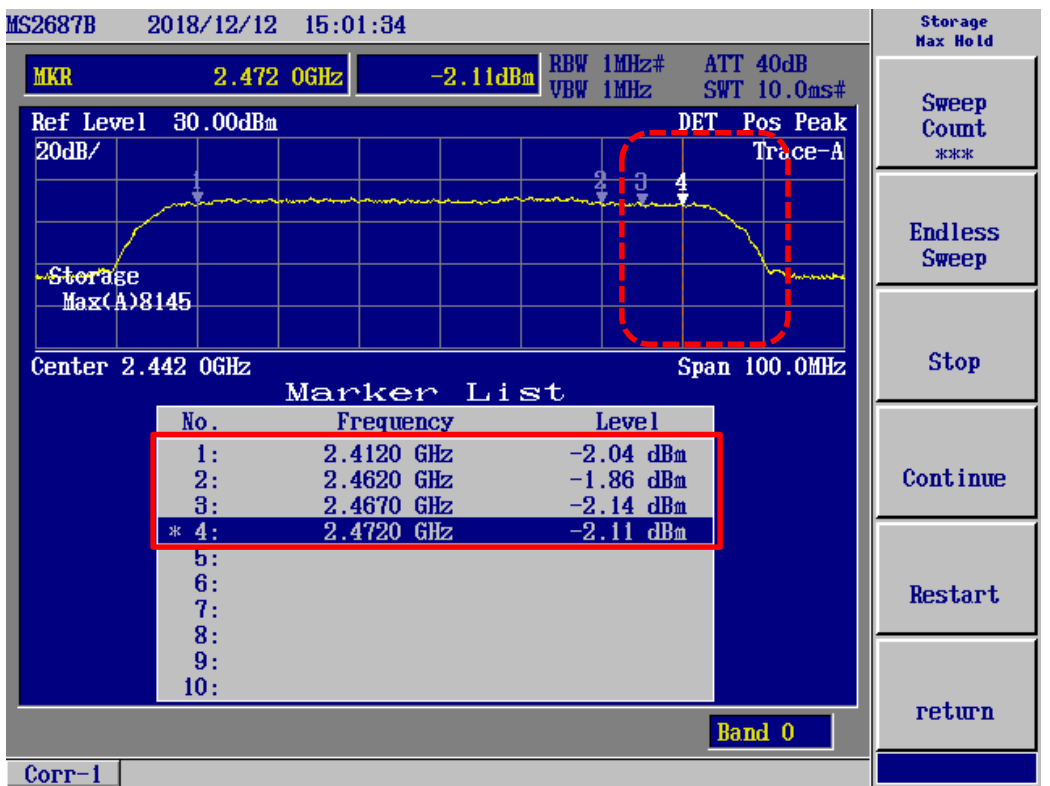
◆Scan Waveform on 2.4GHz(Country Code=JP, FR)

[CC="JP"]



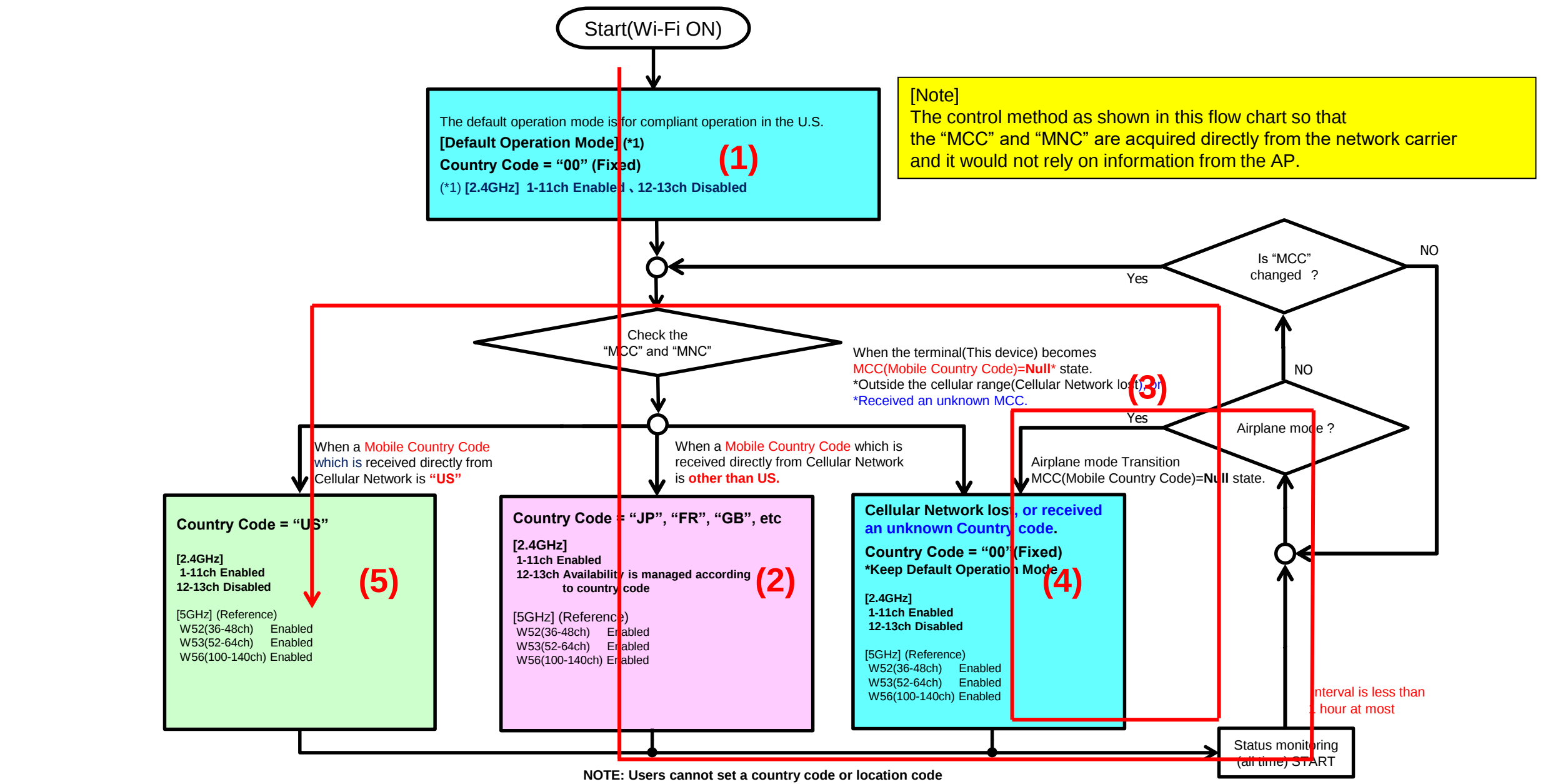
1-13ch = Enabled
⇒ Operation Check Result = OK

[CC="FR"]



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

◆Channel Control Algorithm Flowchart



◆Verification Pattern (Operation check result)

Check Result = OK

```
Result.txt - メモ帳
ファイル(E) 編集(E) 書式(O) 表示(V) ヘルプ(H)
12-27 15:31:19.252 D/wpa_supplicant( 1697): wpa_driver_nl80211_driver_cmd COUNTRY 00 len = 0, 4096
12-27 15:31:19.266 D/wpa_supplicant( 1697): nl80211: Regulatory information - country=00
(1) 1; Terminal start-up and Wi-Fi startup, Start default Country Code ="00" (Ch-12,13 are disabled)
    Effective frequency range = 2402-2472MHz(1-11ch=enable,12-13ch=disable)
12-27 15:31:34.175 D/MccTable( 2538): updateMccMncConfiguration mccmnc='44020' fromServiceState=true
12-27 15:31:34.475 D/wpa_supplicant( 1697): wpa_driver_nl80211_driver_cmd COUNTRY JP len = 0, 4096
12-27 15:31:34.483 D/wpa_supplicant( 1697): nl80211: Regulatory information - country=JP (DFS-JP)
(2) 2; Get MCC/MNC from Cellular network (Japan Operator-B),
    Change Country Code("00"->"JP") (Ch-12,13 are enabled)
    Effective frequency range = 2402-2482MHz(1-13ch=enable)
12-27 15:31:38.121 D/MccTable( 2538): updateMccMncConfiguration mccmnc='null' fromServiceState=true
(3) 3; Airplane mode transition (MCC : "JP"->"NULL")
12-27 15:31:46.276 D/wpa_supplicant( 2045): wpa_driver_nl80211_driver_cmd COUNTRY 00 len = 0, 4096
12-27 15:31:46.286 D/wpa_supplicant( 2045): nl80211: Regulatory information - country=00
(4) 4; Lost MCC/MNC from Cellular network (with Outside of the Cellular network),
    Change Country Code ("JP"->"00") (Ch-12,13 are disabled)
    Effective frequency range = 2402-2472MHz(1-11ch=enable,12-13ch=disable)
12-27 15:31:56.174 D/MccTable( 2538): updateMccMncConfiguration mccmnc='31010' fromServiceState=true
12-27 15:31:59.614 D/wpa_supplicant( 2045): wpa_driver_nl80211_driver_cmd COUNTRY US len = 0, 4096
12-27 15:31:59.620 D/wpa_supplicant( 2045): nl80211: Regulatory information - country=US
(5) 5; Airplane mode Release and Get MCC/MNC from Cellular network (US Operator-A*) *Base station simulator
    Change Country Code ("00"->"US")(Ch-12,13 are disabled)
    Effective frequency range = 2402-2472MHz(1-11ch=enable,12-13ch=disable)
```