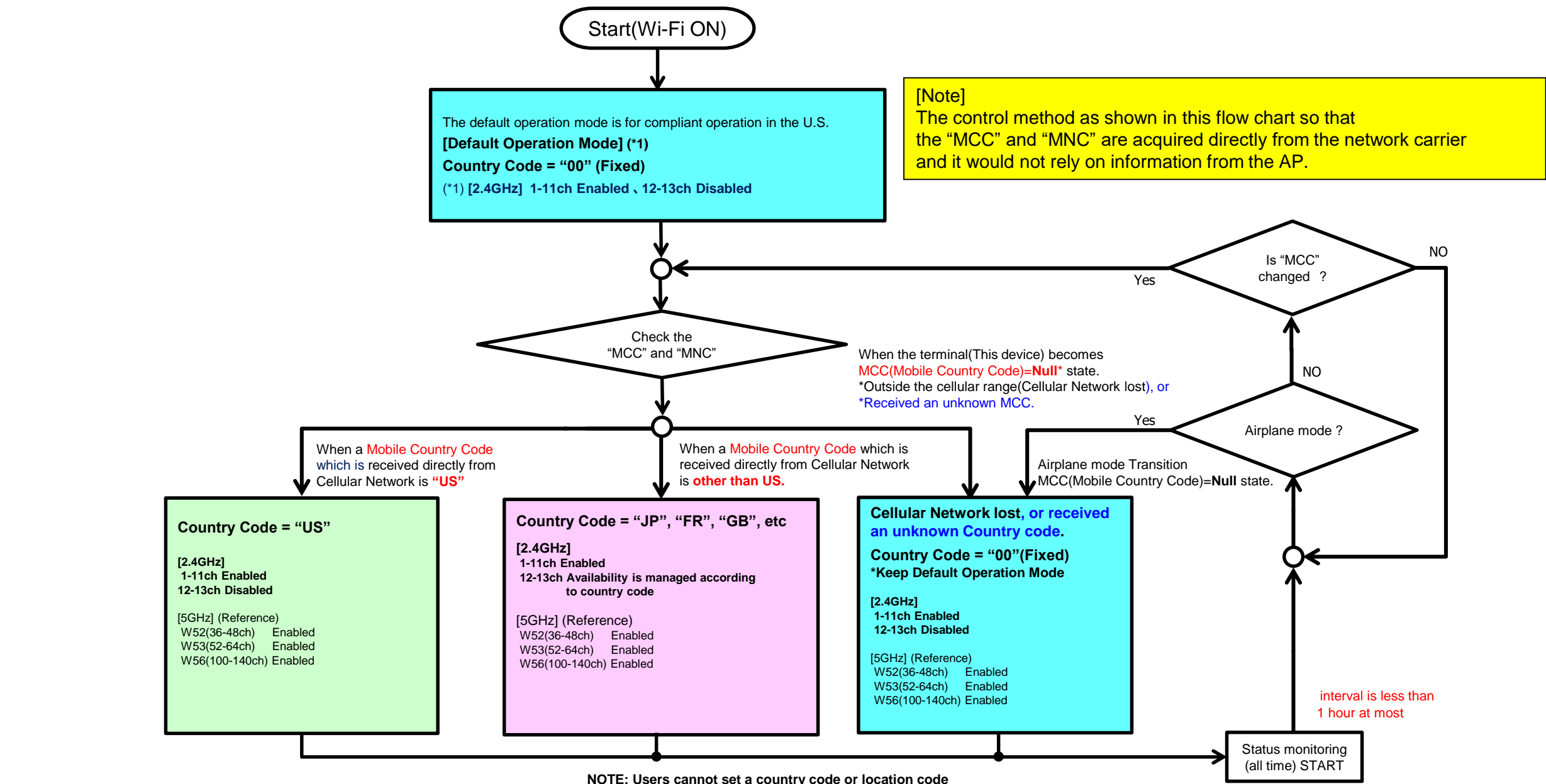


Verification report of control algorithm
is accordance with KDB594280

FCC ID : APYHRO00271

Date : 2018 December-27

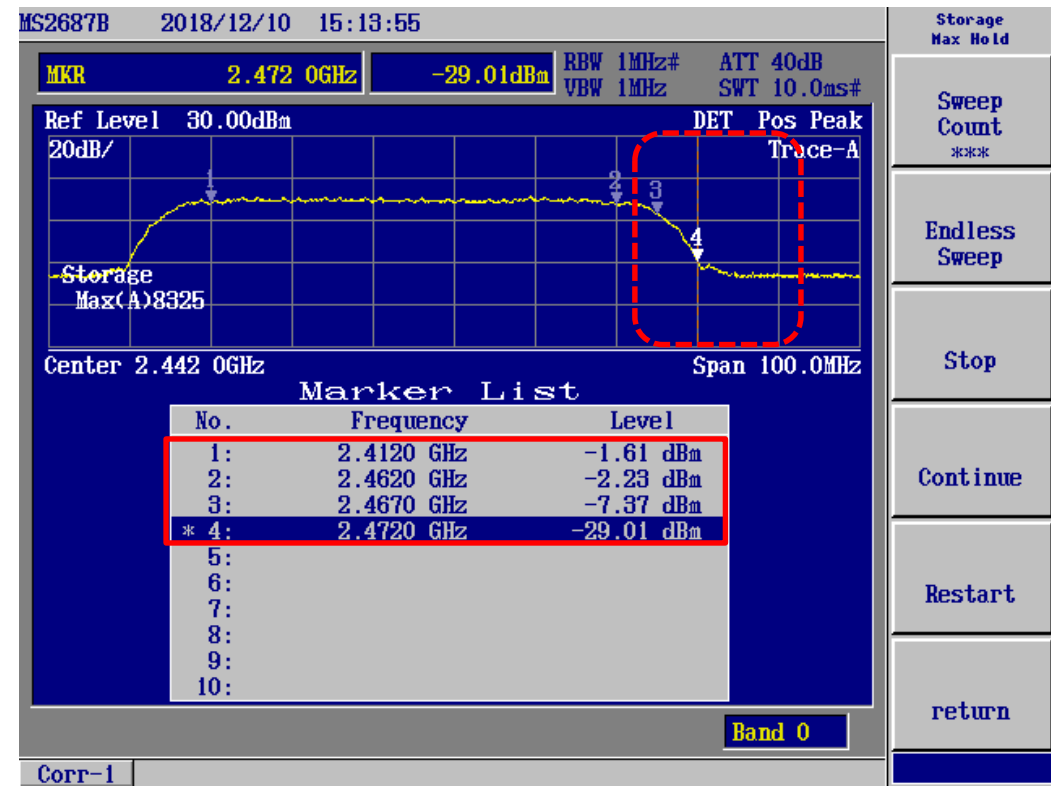
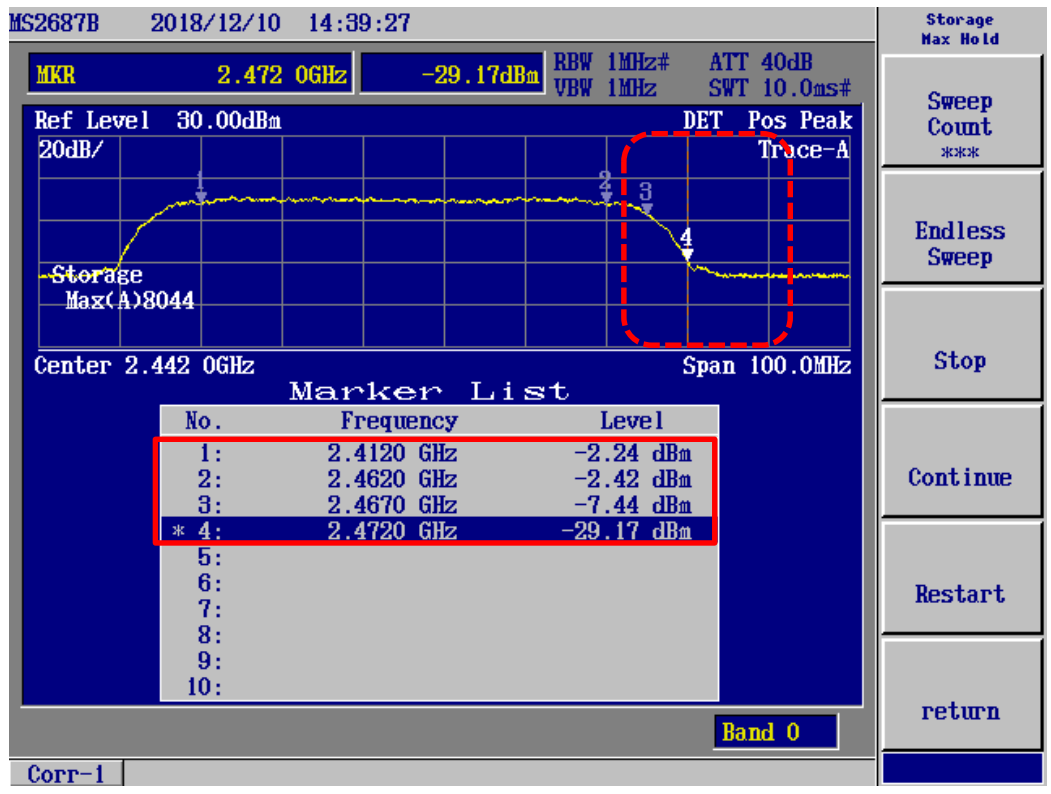
◆ Channel Control Algorithm Flowchart



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

[CC="US"]

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



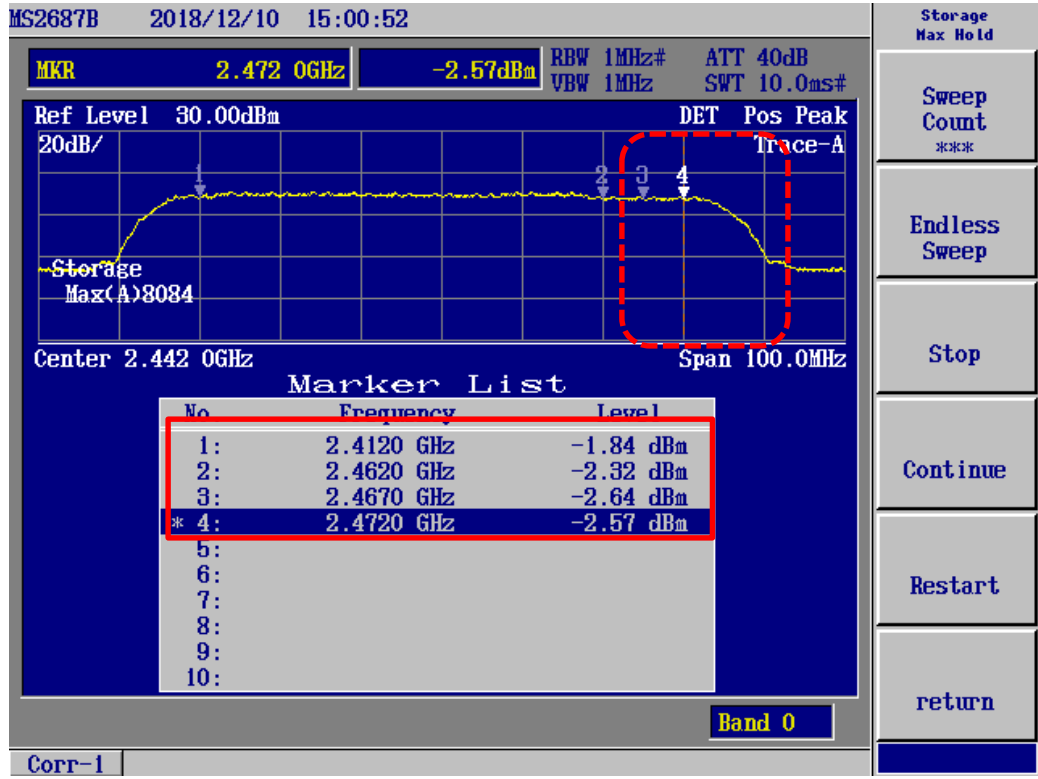
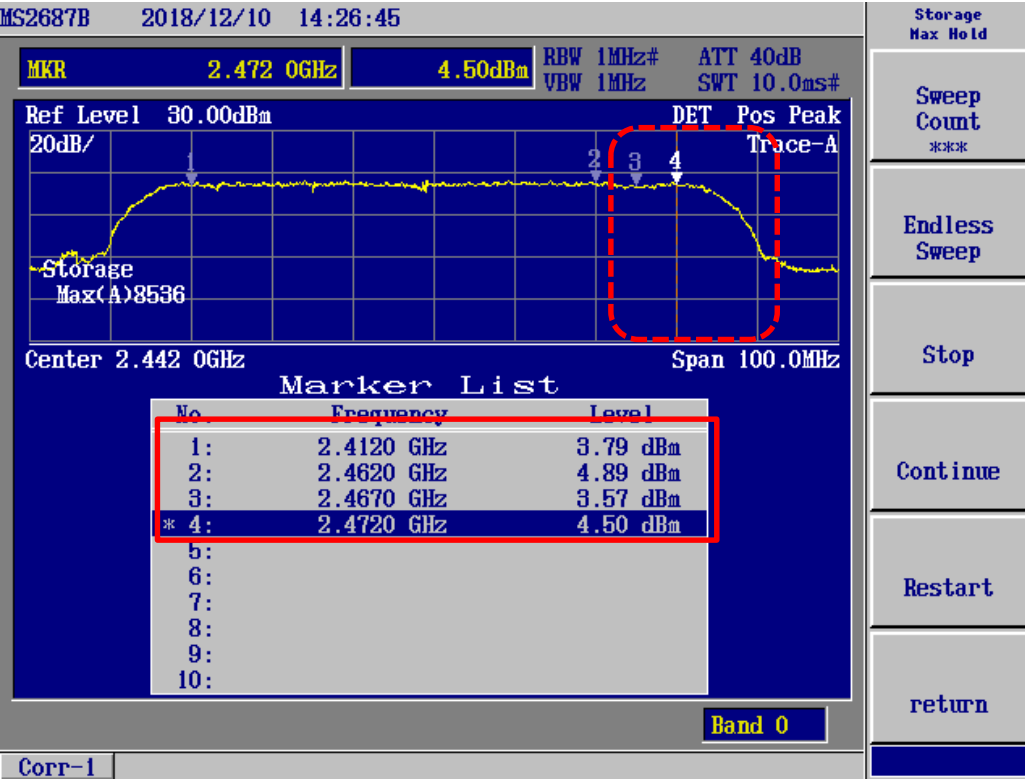
1-11ch = Enabled
 12-13ch = Disabled
 ⇒ Operation Check Result = OK

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

◆ 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)
12-26 14:10:07.304 D/wpa_supplicant( 1964): wpa_driver_nl80211_driver_cmd COUNTRY 00 len = 0, 4096
12-26 14:10:07.317 D/wpa_supplicant( 1964): 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)
12-26 14:10:15.999 D/MccTable( 2472): updateMccMncConfiguration mccmnc='44010' fromServiceState=true
12-26 14:10:16.309 D/wpa_supplicant( 1964): wpa_driver_nl80211_driver_cmd COUNTRY JP len = 0, 4096
12-26 14:10:16.316 D/wpa_supplicant( 1964): nl80211: Regulatory information - country=JP (DFS-JP)
(2) 2; Get MCC/MNC from Cellular network (Japan Operator-A),
    Change Country Code("00"->"JP") (Ch-12,13 are enabled)
    Effective frequency range = 2402-2482MHz(1-13ch=enable)
12-26 14:10:18.970 D/MccTable( 2472): updateMccMncConfiguration mccmnc='null' fromServiceState=true
(3) 3; Airplane mode transition (MCC : "JP"->"NULL")
12-26 14:10:26.097 D/wpa_supplicant( 2570): wpa_driver_nl80211_driver_cmd COUNTRY 00 len = 0, 4096
12-26 14:10:26.099 D/wpa_supplicant( 2570): 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)
12-26 14:10:40.099 D/MccTable( 2472): updateMccMncConfiguration mccmnc='31010' fromServiceState=true
12-26 14:10:51.045 D/wpa_supplicant( 2570): wpa_driver_nl80211_driver_cmd COUNTRY US len = 0, 4096
12-26 14:10:51.056 D/wpa_supplicant( 2570): 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)
```