



May 15, 2015

Federal Communications Commission
7435 Oakland Mills Road
Columbia MD 21046

Subject: The channels 12 and 13 in U.S.
FCC ID: A3LSMT561Y

This device supports below channel plans and setting procedure.

Channel setting procedure (per KDB 594280 D01)

According to MNC/MCC from CMRS, 2.4GHz Wi-Fi channel plan is change as below:

1. This device set the Wi-Fi channels per MNC/MCC from a CMRS carrier according to KDB 594280 D01.
 - When U.S. MNC/MCC is received: Set the default channel plan
 - When Non-U.S. MNC/MCC is received: Set the Global channel plan
2. Transmission on WI-FI channels 12 and 13 is disabled in U.S..
3. If user turn on the Airplane mode, the channel plan will be changed to Airplane channel plan.
4. The device will check the MNC/MCC at changes of network status and within every one hour.

MNC/MCC check procedure

1. When the device is connected to CMRS, the device get the MNC/MCC information from base station.
2. When the network of CMRS(2G/3G/4G) or connected base station is changed, the device get the MNC/MCC information per every changes.

- Default channel plan (MNC/MCC_U.S. or Airplane mode)

Channel	Freq.(MHz)	Scanning	Channel	Freq.(MHz)	Scanning
1	2412	Active	8	2447	Active
2	2417	Active	9	2452	Active
3	2422	Active	10	2457	Active
4	2427	Active	11	2462	Active

5	2432	Active	12	2467	Disabled
6	2437	Active	13	2472	Disabled
7	2442	Active	14	2484	Disabled

- Global channel plan(Non-U.S)

Channel	Freq.(MHz)	Scanning	Channel	Freq.(MHz)	Scanning
1	2412	Active	8	2447	Active
2	2417	Active	9	2452	Active
3	2422	Active	10	2457	Active
4	2427	Active	11	2462	Active
5	2432	Active	12	2467	Passive
6	2437	Active	13	2472	Passive
7	2442	Active	14	2484	Disabled

Best Regards



CHANHO, YOUN
General Manager
Samsung Electronics CO. LTD
TEL: +1-973-808-6362
E-mail: jjano.youn@samsung.com