

SONY

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To Whom It May Concern:

Subject: Non co-transmission of WLAN and CDMA, and DFS Declaration.

WE, SONY Corporation, 1-7-1 Konan, Minato-ku, Tokyo, 108-0075 Japan

Hereby declare under our sole responsibilities that the PCG-4Q1L (FCCID: AK8PCG4Q1L) equipped with the WLAN, CDMA and Bluetooth radios is designed so that WLAN and CDMA can NOT operate simultaneously. Only following set of radios can be set up to co-transmit:

- WLAN and BT
- CDMA and BT

This is guaranteed by following methods:

- Sony's SmartWi software controls such that either WLAN module or CDMA module is powered on, but NOT simultaneously.
- In the case that customers uninstall SmartWi, PCG-4Q1L BIOS default setting enables WLAN and Bluetooth module power only, and CDMA module power is off and can not be turned on anymore.

Further, accordingly to Intel WiFi Link 5100 Product Information, the equipped WLAN module can operate as Slave/Client only in 5GHz. Ad-hoc mode is not supported by firmware level and user is unable to activate from Windows device manager and driver properties. Intel module already passes the DFS Client test.

Supported bands are following.

802.11a = 5150-5250, 5250-5350, 5470-5725 and 5725 – 5850 MHz

802.11b/g = 2400 – 2483.5MHz

802.11n = 2400 – 2483.5MHz, 5150-5250, 5250-5350, 5470-5725, and 5725 – 5850 MHz

Ad-hoc mode in 5GHz is NOT supported

These are not supported by firmware level and user is unable to activate from Windows device manager and driver properties.

DFS support is Client only in 5250-5350 MHz and 5470-5720 MHz. And it has been passed the test with Intel Module

Test Report 512AN HMW FCC UNII Test Report Rev 2 shows the compliance for 20 MHz and 40MHz wide operating mode for channel move time and channel closing time.



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