

Date: 23/07/2017

Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046

Subject: FCC Class II Permissive change application for 802.11 **abgn WiFi/BT/ZigBee**
Module FCC ID: XF6-RS9113DB, originally granted on 12/23/2014.

Redpine Signals Inc. is herein submitting a class II permissive change filing for **802.11abgn WiFi/BT/ZigBee** Module. Module is tested with Antenna mentioned in the table below

Antenna Make	Model/Part #	Antenna Gain at 2.4GHz (dBi)	Antenna Gain at 5GHz (dBi)	Type of Antenna
Redpine Signals	-	0.99	4.42	Trace
Molex	PS-47950-001	3	4.6	External
Fractus	FR05-S1-NO-1-004	1.8	4.9	Chip

Also Module is tested for UNII 2A (5260-5320 MHz) and UNII 2C (5500- 5700 MHz) frequency range 20MHz DFS slave mode without RADAR detection capability in WiFi mode without any hardware change by enabling programming parameters from our software driver.

Thanking You,
For Redpine Signals Inc.,



A. Chandrasekhar
Vice President–Systems
Redpine Signals Inc.