



# WLAN Regulatory Database

Software Version 4.3

NetModule AG, Switzerland

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# 1 Preface

This sheet shall provide information for customers of NetModule who want to operate a WLAN or Wi-Fi access point in the 2.4 or 5 GHz band. In view of the differences in spectrum allocations around the globe and different requirements for the regulatory authorities, not all WLAN channels are available in every country.

The tables below provide a broad indication of the availability of the different WLAN channels in different parts of the world. Please note that countries apply their own regulations to the allowable channels and allowed maximum power levels (EIRP) within these frequency ranges. Network operators should consult their local authorities as these regulations are subject to change at any time.

Our built-in regulatory database is made up of rules from the Linux regulatory database from [here](#). More information about the Linux regulatory database can be found [here](#). Our database update interval is at least every 3 months which complies with our release cycle of about 3 months.

## 2 Restrictions

Each channel may face the following restrictions:

Restriction	Description
NO-OFDM	OFDM modulation not allowed
NO-CCK	CCK modulation not allowed
NO-INDOOR	indoor operation not allowed
NO-OUTDOOR	outdoor operation not allowed
DFS	DFS support is required
PTP-ONLY	only for point to point
PTMP-ONLY	only for point to multipoint
PASSIVE-SCAN	passive scanning required
NO-IBSS	IBSS not allowed
NO-IR	IBSS not allowed, passive scanning required

Table 2.1: Channel Restrictions

Please note that NetModule routers will not operate in frequencies where DFS support or passive scanning is required or IBSS is not allowed.

## 3 Regulations By Country

### 3.1 Afghanistan

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	27 dBm	DFS

### 3.2 Albania

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.3 Algeria

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	23 dBm	
5250-5330 MHz	80 Mhz	23 dBm	DFS
5490-5670 MHz	160 Mhz	23 dBm	DFS

### 3.4 American Samoa

Frequency	Bandwidth	Power	Restrictions
2402-2472 MHz	40 Mhz	30 dBm	
5170-5250 MHz	80 Mhz	24 dBm	

Frequency	Bandwidth	Power	Restrictions
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.5 Andorra

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.6 Anguilla

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	27 dBm	DFS

### 3.7 Argentina

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	17 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.8 Armenia

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	20 Mhz	18 dBm	
5250-5330 MHz	20 Mhz	18 dBm	DFS

### 3.9 Aruba

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	27 dBm	DFS

### 3.10 Australia

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	36 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5600 MHz	80 Mhz	27 dBm	DFS
5650-5730 MHz	80 Mhz	27 dBm	DFS
5730-5850 MHz	80 Mhz	36 dBm	

### 3.11 Austria

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS

Frequency	Bandwidth	Power	Restrictions
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.12 Azerbaijan

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	18 dBm	
5250-5330 MHz	80 Mhz	18 dBm	DFS

### 3.13 Bahamas

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	24 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.14 Bahrain

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	20 Mhz	20 dBm	
5250-5330 MHz	20 Mhz	20 dBm	DFS
5735-5835 MHz	20 Mhz	20 dBm	

### 3.15 Bangladesh

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	

Frequency	Bandwidth	Power	Restrictions
5735-5835 MHz	80 Mhz	30 dBm	

### 3.16 Barbados

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	23 dBm	
5250-5330 MHz	80 Mhz	23 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.17 Belarus

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	27 dBm	DFS

### 3.18 Belgium

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.19 Belize

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	30 dBm	



Frequency	Bandwidth	Power	Restrictions
5735-5835 MHz	80 Mhz	30 dBm	

### 3.20 Bermuda

Frequency	Bandwidth	Power	Restrictions
2402-2472 MHz	40 Mhz	30 dBm	
5170-5250 MHz	80 Mhz	24 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.21 Bhutan

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	27 dBm	DFS

### 3.22 Bolivia

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	30 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.23 Bosnia and Herzegovina

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR

Frequency	Bandwidth	Power	Restrictions
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.24 Brazil

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	17 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.25 British Virgin Islands

Frequency	Bandwidth	Power	Restrictions
2402-2472 MHz	40 Mhz	30 dBm	
5170-5250 MHz	80 Mhz	24 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.26 Brunei Darussalam

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5735-5835 MHz	80 Mhz	20 dBm	

### 3.27 Bulgaria

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.28 Burkina Faso

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	17 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.29 Cambodia

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	27 dBm	DFS

### 3.30 Canada

Frequency	Bandwidth	Power	Restrictions
2402-2472 MHz	40 Mhz	30 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR

Frequency	Bandwidth	Power	Restrictions
5250-5350 MHz	80 Mhz	24 dBm	DFS
5470-5600 MHz	80 Mhz	24 dBm	DFS
5650-5730 MHz	80 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.31 Cayman Islands

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	24 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.32 Central African Republic

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	40 Mhz	17 dBm	
5250-5330 MHz	40 Mhz	24 dBm	DFS
5490-5730 MHz	40 Mhz	24 dBm	DFS
5735-5835 MHz	40 Mhz	30 dBm	

### 3.33 Chad

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	27 dBm	DFS

### 3.34 Chile

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5735-5835 MHz	80 Mhz	20 dBm	

### 3.35 China

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	23 dBm	
5250-5330 MHz	80 Mhz	23 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.36 Christmas Island

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	24 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.37 Colombia

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	17 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS

Frequency	Bandwidth	Power	Restrictions
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.38 Costa Rica

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	20 Mhz	17 dBm	
5250-5330 MHz	20 Mhz	24 dBm	DFS
5490-5730 MHz	20 Mhz	24 dBm	DFS
5735-5835 MHz	20 Mhz	30 dBm	

### 3.39 Cote d'Ivoire

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	17 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.40 Croatia

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.41 Cuba

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	23 dBm	

### 3.42 Cyprus

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.43 Czech Republic

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.44 Denmark

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.45 Dominica

Frequency	Bandwidth	Power	Restrictions
2402-2472 MHz	40 Mhz	30 dBm	
5170-5250 MHz	80 Mhz	17 dBm	
5250-5330 MHz	80 Mhz	23 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.46 Dominican Republic

Frequency	Bandwidth	Power	Restrictions
2402-2472 MHz	40 Mhz	30 dBm	
5170-5250 MHz	80 Mhz	17 dBm	
5250-5330 MHz	80 Mhz	23 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.47 Ecuador

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	20 Mhz	17 dBm	
5250-5330 MHz	20 Mhz	24 dBm	DFS
5490-5730 MHz	20 Mhz	24 dBm	DFS
5735-5835 MHz	20 Mhz	30 dBm	

### 3.48 Egypt

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	40 Mhz	20 dBm	
5250-5330 MHz	40 Mhz	20 dBm	DFS



### 3.49 El Salvador

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	20 Mhz	17 dBm	
5250-5330 MHz	20 Mhz	23 dBm	DFS
5735-5835 MHz	20 Mhz	30 dBm	

### 3.50 Estonia

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.51 Ethiopia

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	27 dBm	DFS

### 3.52 European Union

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS

Frequency	Bandwidth	Power	Restrictions
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.53 Finland

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.54 France

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.55 French Guiana

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	27 dBm	DFS

### 3.56 French Polynesia

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	27 dBm	DFS

### 3.57 Georgia

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	18 dBm	
5250-5330 MHz	80 Mhz	18 dBm	DFS

### 3.58 Germany

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.59 Ghana

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	17 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.60 Great Britain

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.61 Greece

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.62 Greenland

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	27 dBm	DFS

### 3.63 Grenada

Frequency	Bandwidth	Power	Restrictions
2402-2472 MHz	40 Mhz	30 dBm	
5170-5250 MHz	80 Mhz	17 dBm	

Frequency	Bandwidth	Power	Restrictions
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.64 Guadeloupe

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	27 dBm	DFS

### 3.65 Guam

Frequency	Bandwidth	Power	Restrictions
2402-2472 MHz	40 Mhz	30 dBm	
5170-5250 MHz	20 Mhz	17 dBm	
5250-5330 MHz	20 Mhz	24 dBm	DFS
5490-5730 MHz	20 Mhz	24 dBm	DFS
5735-5835 MHz	20 Mhz	30 dBm	

### 3.66 Guatemala

Frequency	Bandwidth	Power	Restrictions
2402-2472 MHz	40 Mhz	30 dBm	
5170-5250 MHz	80 Mhz	17 dBm	
5250-5330 MHz	80 Mhz	23 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.67 Guyana

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	30 dBm	
5735-5835 MHz	80 Mhz	30 dBm	

### 3.68 Haiti

Frequency	Bandwidth	Power	Restrictions
2402-2472 MHz	40 Mhz	30 dBm	
5170-5250 MHz	80 Mhz	24 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.69 Honduras

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	17 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.70 Hong Kong

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	17 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5710 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.71 Hungary

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.72 Iceland

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.73 India

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	30 dBm	
5250-5350 MHz	80 Mhz	24 dBm	
5470-5725 MHz	160 Mhz	24 dBm	
5725-5875 MHz	80 Mhz	30 dBm	

### 3.74 Indonesia

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	20 Mhz	20 dBm	

Frequency	Bandwidth	Power	Restrictions
5735-5815 MHz	20 Mhz	23 dBm	

### 3.75 Iran

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5735-5835 MHz	80 Mhz	30 dBm	

### 3.76 Ireland

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.77 Israel

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	23 dBm	NO-OUTDOOR, DFS

### 3.78 Italy

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS



Frequency	Bandwidth	Power	Restrictions
5725-5875 MHz	80 Mhz	13 dBm	

### 3.79 Jamaica

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	17 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.80 Japan

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
2474-2494 MHz	20 Mhz	20 dBm	NO-OFDM
4910-4990 MHz	40 Mhz	23 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	23 dBm	DFS

### 3.81 Jordan

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	23 dBm	
5735-5835 MHz	80 Mhz	23 dBm	

### 3.82 Kazakhstan

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	20 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS

### 3.83 Kenya

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	23 dBm	
5490-5570 MHz	80 Mhz	30 dBm	DFS
5735-5775 MHz	40 Mhz	23 dBm	

### 3.84 Kuwait

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS

### 3.85 Latvia

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.86 Lebanon

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	17 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.87 Lesotho

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	27 dBm	DFS

### 3.88 Liechtenstein

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.89 Lithuania

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS

Frequency	Bandwidth	Power	Restrictions
5725-5875 MHz	80 Mhz	13 dBm	

### 3.90 Luxembourg

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.91 Macao

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	23 dBm	
5170-5250 MHz	80 Mhz	23 dBm	
5250-5330 MHz	80 Mhz	23 dBm	DFS
5490-5730 MHz	160 Mhz	30 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.92 Macedonia

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.93 Malawi

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	27 dBm	DFS

### 3.94 Malaysia

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	24 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5650 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	24 dBm	

### 3.95 Maldives

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	
5250-5350 MHz	80 Mhz	20 dBm	DFS
5725-5850 MHz	80 Mhz	20 dBm	

### 3.96 Malta

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.97 Marshall Islands

Frequency	Bandwidth	Power	Restrictions
2402-2472 MHz	40 Mhz	30 dBm	
5170-5250 MHz	80 Mhz	24 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.98 Martinique

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	27 dBm	DFS

### 3.99 Mauritania

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	27 dBm	DFS

### 3.100 Mauritius

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	24 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS

Frequency	Bandwidth	Power	Restrictions
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.101 Mayotte

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	27 dBm	DFS

### 3.102 Mexico

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	17 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.103 Micronesia

Frequency	Bandwidth	Power	Restrictions
2402-2472 MHz	40 Mhz	30 dBm	
5170-5250 MHz	80 Mhz	24 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.104 Moldova

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.105 Monaco

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.106 Mongolia

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	24 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.107 Montenegro

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS



Frequency	Bandwidth	Power	Restrictions
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.108 Morocco

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS

### 3.109 Nepal

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5735-5835 MHz	80 Mhz	20 dBm	

### 3.110 Netherlands

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.111 Netherlands Antilles

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	

Frequency	Bandwidth	Power	Restrictions
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	27 dBm	DFS

### 3.112 New Zealand

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	30 dBm	
5170-5250 MHz	80 Mhz	17 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.113 Nicaragua

Frequency	Bandwidth	Power	Restrictions
2402-2472 MHz	40 Mhz	30 dBm	
5170-5250 MHz	80 Mhz	24 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.114 Nigeria

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	30 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.115 North Korea

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	20 Mhz	20 dBm	
5170-5250 MHz	20 Mhz	20 dBm	
5250-5330 MHz	20 Mhz	20 dBm	DFS
5490-5630 MHz	20 Mhz	30 dBm	DFS
5735-5815 MHz	20 Mhz	30 dBm	

### 3.116 Northern Mariana Islands

Frequency	Bandwidth	Power	Restrictions
2402-2472 MHz	40 Mhz	30 dBm	
5170-5250 MHz	80 Mhz	24 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.117 Norway

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.118 Oman

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS

Frequency	Bandwidth	Power	Restrictions
5490-5710 MHz	160 Mhz	27 dBm	DFS

### 3.119 Pakistan

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5735-5835 MHz	80 Mhz	30 dBm	

### 3.120 Palau

Frequency	Bandwidth	Power	Restrictions
2402-2472 MHz	40 Mhz	30 dBm	
5170-5250 MHz	80 Mhz	24 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.121 Panama

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	36 dBm	
5150-5250 MHz	80 Mhz	36 dBm	
5250-5350 MHz	80 Mhz	30 dBm	
5470-5725 MHz	160 Mhz	30 dBm	
5725-5850 MHz	80 Mhz	36 dBm	

### 3.122 Papua New Guinea

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	17 dBm	

Frequency	Bandwidth	Power	Restrictions
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.123 Paraguay

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	24 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.124 Peru

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	17 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.125 Philippines

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	17 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

**3.126 Poland**

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

**3.127 Portugal**

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

**3.128 Puerto Rico**

Frequency	Bandwidth	Power	Restrictions
2402-2472 MHz	40 Mhz	30 dBm	
5170-5250 MHz	80 Mhz	17 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

**3.129 Qatar**

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	NO-OUTDOOR

Frequency	Bandwidth	Power	Restrictions
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	23 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	20 dBm	NO-OUTDOOR, DFS
5725-5875 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS

### 3.130 Reunion

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	27 dBm	DFS

### 3.131 Romania

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.132 Russian Federation

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5350 MHz	160 Mhz	20 dBm	NO-OUTDOOR
5650-5850 MHz	160 Mhz	20 dBm	NO-OUTDOOR

### 3.133 Rwanda

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	17 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.134 Saint Barthelemy

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	27 dBm	DFS

### 3.135 Saint Kitts and Nevis

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	30 dBm	DFS
5735-5815 MHz	80 Mhz	30 dBm	

### 3.136 Saint Lucia

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	30 dBm	DFS



Frequency	Bandwidth	Power	Restrictions
5735-5815 MHz	80 Mhz	30 dBm	

### 3.137 Saint Martin

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	27 dBm	DFS

### 3.138 Saint Pierre and Miquelon

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	27 dBm	DFS

### 3.139 Saint Vincent

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	27 dBm	DFS

### 3.140 Samoa

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	40 Mhz	20 dBm	

Frequency	Bandwidth	Power	Restrictions
5250-5330 MHz	40 Mhz	20 dBm	DFS
5490-5710 MHz	40 Mhz	27 dBm	DFS

### 3.141 Saudi Arabia

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	27 dBm	DFS

### 3.142 Senegal

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	17 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.143 Serbia

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.144 Singapore

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	23 dBm	
5150-5250 MHz	80 Mhz	23 dBm	
5250-5350 MHz	80 Mhz	20 dBm	DFS
5725-5850 MHz	80 Mhz	30 dBm	

### 3.145 Slovakia

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.146 Slovenia

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.147 South Africa

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	30 dBm	

**3.148 South Korea**

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	23 dBm	
5150-5250 MHz	80 Mhz	23 dBm	
5250-5350 MHz	80 Mhz	20 dBm	DFS
5470-5725 MHz	160 Mhz	20 dBm	DFS
5725-5835 MHz	80 Mhz	23 dBm	

**3.149 Spain**

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

**3.150 Sri Lanka**

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	20 Mhz	17 dBm	
5250-5330 MHz	20 Mhz	24 dBm	DFS
5490-5730 MHz	20 Mhz	24 dBm	DFS
5735-5835 MHz	20 Mhz	30 dBm	

**3.151 Suriname**

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	

Frequency	Bandwidth	Power	Restrictions
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	27 dBm	DFS

### 3.152 Sweden

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.153 Switzerland

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5150-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	NO-OUTDOOR, DFS
5470-5725 MHz	160 Mhz	26 dBm	DFS
5725-5875 MHz	80 Mhz	13 dBm	

### 3.154 Syrian Arab Republic

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	

### 3.155 Taiwan

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	30 dBm	

Frequency	Bandwidth	Power	Restrictions
5150-5250 MHz	80 Mhz	23 dBm	
5250-5350 MHz	80 Mhz	23 dBm	DFS
5470-5730 MHz	160 Mhz	23 dBm	DFS
5725-5850 MHz	80 Mhz	30 dBm	

### 3.156 Tanzania

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5735-5835 MHz	80 Mhz	30 dBm	

### 3.157 Thailand

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	17 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.158 Togo

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	40 Mhz	20 dBm	
5250-5330 MHz	40 Mhz	20 dBm	DFS
5490-5710 MHz	40 Mhz	27 dBm	DFS

### 3.159 Trinidad and Tobago

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	17 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.160 Tunisia

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS

### 3.161 Turkey

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	23 dBm	NO-OUTDOOR
5250-5330 MHz	80 Mhz	20 dBm	DFS, NO-OUTDOOR
5470-5725 MHz	160 Mhz	27 dBm	DFS

### 3.162 Turks and Caicos Islands

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	24 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.163 Uganda

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	24 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.164 Ukraine

Frequency	Bandwidth	Power	Restrictions
2400-2483 MHz	40 Mhz	20 dBm	NO-OUTDOOR
5150-5250 MHz	80 Mhz	20 dBm	NO-OUTDOOR
5250-5350 MHz	80 Mhz	20 dBm	DFS, NO-OUTDOOR
5490-5670 MHz	160 Mhz	20 dBm	DFS
5735-5835 MHz	80 Mhz	20 dBm	

### 3.165 United Arab Emirates

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	17 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.166 United States

Frequency	Bandwidth	Power	Restrictions
2402-2472 MHz	40 Mhz	30 dBm	



Frequency	Bandwidth	Power	Restrictions
5170-5250 MHz	80 Mhz	23 dBm	
5250-5330 MHz	80 Mhz	23 dBm	DFS
5490-5730 MHz	160 Mhz	23 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.167 Uruguay

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	23 dBm	
5250-5330 MHz	80 Mhz	23 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.168 Uzbekistan

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS

### 3.169 Vanuatu

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	17 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	160 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.170 Venezuela

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	30 dBm	
5170-5250 MHz	80 Mhz	23 dBm	
5250-5330 MHz	80 Mhz	23 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.171 Vietnam

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	17 dBm	
5250-5330 MHz	80 Mhz	24 dBm	DFS
5490-5730 MHz	80 Mhz	24 dBm	DFS
5735-5835 MHz	80 Mhz	30 dBm	

### 3.172 Wallis and Futuna

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	27 dBm	DFS

### 3.173 World

Frequency	Bandwidth	Power	Restrictions
2402-2472 MHz	40 Mhz	20 dBm	
2457-2482 MHz	20 Mhz	20 dBm	NO-IR
2474-2494 MHz	20 Mhz	20 dBm	NO-IR, NO-OFDM
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	NO-IR, DFS

Frequency	Bandwidth	Power	Restrictions
5490-5730 MHz	160 Mhz	20 dBm	NO-IR, DFS
5735-5835 MHz	80 Mhz	20 dBm	NO-IR

### 3.174 Yemen

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	

### 3.175 Zimbabwe

Frequency	Bandwidth	Power	Restrictions
2402-2482 MHz	40 Mhz	20 dBm	
5170-5250 MHz	80 Mhz	20 dBm	
5250-5330 MHz	80 Mhz	20 dBm	DFS
5490-5710 MHz	160 Mhz	27 dBm	DFS