

# NETGEAR, INC.

350 East Plumeria Drive, San Jose, CA 95134, USA

[Tel:408-890-3657](tel:408-890-3657)/[Fax:408-907-8097](tel:408-907-8097)

Product Name: AC1900 WiFi Range Extender

DUT: EX6400 AC1900 WiFi Range Extender

Previously granted DFS Devices : EX7300 AC2200 WiFi Range Extender

Required information	FCC ID(s) of Previously Granted DFS Devices: PY315200317 Model no.: EX7300	FCC ID of New Application:  PY315300322 Model no.: EX6400
Technology (i.e 802.11x,frame based, MIMO, smart antenna, etc.)	Dual band extender. 5G MIMO, beamforming.	Same as previous grant
Bandwidth information and differences	Max. 80MHz	Same as previous grant
Antenna information and differences for the minimum gain antennas	3 PIFA antennas and 1 printed antenna.  2.4G antenna gain: ANT1: 4 dB ANT2: 2.5 dB ANT3: 3.9 dB  5G antenna gain: ANT1: 3.7 dB ANT2: 4 dB ANT3: 2.6 dB ANT4: 2.3 dB	3 PIFA antennas and 1 printed antenna.  2.4G antenna gain: ANT1: 4 dB ANT2: 2.5 dB ANT3: removed 2.4G functionality  5G antenna gain: ANT1: 3.7 dB ANT2: 4 dB ANT3: 2.6 dB ANT4: 2.3 dB
Differences in DFS functioning circuitry, software, etc	DFS supported.  FW version: v1.0.1.58- 03-27-dfs RF chip: 5G: QCA9980 2.4G: QCA9558	Same as previous grant  Same FW version with EX7300. RF chips are same as EX7300.
Differences between the products such as TX power, modulation, receivers, processing circuitry, etc	5G Tx power is no different than EX6400. 2.4G maximum Tx rate is capable of 450Mbps	5G Tx power is no different than EX7300. 2.4G maximum Tx rate is capable of 250Mbps. Tx signal power reduced by removing 2.4GHz functionality from ANT3
Names of the test lab for the various Grants	Test Lab: Bureau Veritas CPS (H.K.) Ltd., Taoyuan Branch	Test Lab: Bureau Veritas CPS (H.K.) Ltd., Taoyuan Branch

GUI Information:

EX7300:

状态

设置

固件更新

更多操作

注销



**WiFi 分析应用程序**  
使用免费的 Android 应用程序优化您的 WiFi 网络。  
[立即安装](#)



现有网络的连接 (2.4GHz)  
协议类型: 以太网

现有网络的连接 (5GHz)  
协议类型: 以太网

AC1900 WiFi 范围扩展器

自动

您的接入点没有接入互联网。请检查以确保您的路由器具备互联网连接。



智能设置

硬件版本: EX7300 固件版本: V1.0.1.58-03-27-dfs

EX6400:

状态

设置

固件更新

更多操作

注销



**WiFi 分析应用程序**  
使用免费的 Android 应用程序优化您的 WiFi 网络。  
[立即安装](#)



现有网络的连接 (2.4GHz)  
协议类型: 以太网

现有网络的连接 (5GHz)  
协议类型: 以太网

AC1900 WiFi 范围扩展器

自动

您的接入点没有接入互联网。请检查以确保您的路由器具备互联网连接。



智能设置

硬件版本: EX6400 固件版本: V1.0.1.58-03-27-dfs