

# Netgear Incorporated

350 East Plumeria Drive San Jose California, United States 95134  
TEL: 408-89-3657 FAX: 408-907-8097

## Expedited Review Letter

Date: 2018-05-08

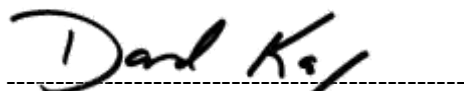
To: Federal Communications Commission  
Equipment Authorization Division

Subject: Expedited Review Approval

FCC ID: PY317100373

We, the undersigned, NETGEAR, Inc., declare that the EX7500 is identical to/has the same performance and function as previously certified DFS tested and approved RBW30 under FCC ID: PY316400361. The differences are listed in the table below:

FCC ID of previously granted device FCC ID:PY316400361	FCC ID of new application FCC ID:PY317100373
Technology: 802.11a DFS bands cover 5.25-5.35G and 5.47-5.725G; IP based; 2x2 MIMO RF chip: IPQ4019+QCA9886	802.11a DFS bands cover 5.25-5.35G and 5.47-5.725G; IP based; 2x2 MIMO Same driver version: SPF4.0 CSU1 Same RF parameter setting for TX/RX process Same RF chip
Bandwidth information and differences: HT20,HT40, VHT20, VHT40 and VHT80	Same bandwidth
Differences in DFS functioning, circuitry, software: The RF module is OFDM, 16-QAM, 64-QAM and CCK, DQPSK, DBPSK ,DFS function circuitry ,256QAM for OFDM in 11ac mode (detail circuit specification refer schematic)	There is no difference in Hardware PCB. Same Chipset and layout, antenna. Same driver version:SPF4.0 CSU1 The only differences is software design: Old FCC ID RBW30 doesn't enable/support 5G low band slave mode with radar detection. NEW FCC ID EX7500 enable/support 5G low band slave mode with radar detection.
Differences between the products: Modulation is OFDM, 16-QAM, 64-QAM and CCK, DQPSK, DBPSK Receivers is OFDM, 16-QAM, 64-QAM and CCK, DQPSK, DBPSK	Same TX/RX power, same modulation, same receivers, same circuitry same layout, same antenna, same driver version. The difference is software functions and mechanism.
Name of test labs for the grants: Test Lab: Bureau Veritas CPS (H.K.) Ltd., Taoyuan Branch	Test Lab: Bureau Veritas CPS (H.K.) Ltd., Taoyuan Branch



David Kay / Sr. Regulatory Compliance Manager

Tel: 4088903657

Fax: 4089078097

E-Mail: david.kay@netgear.com