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Expedited Review Letter

Date: 2018-02-02

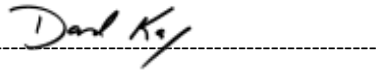
To: Federal Communications Commission
Equipment Authorization Division

Subject: Expedited Review Approval

FCC ID: PY317400403

We, the undersigned, NETGEAR, Inc., declare that the RBW30 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:

<table>
<tr><th>FCC ID of previously granted device
PY316400361</th><th>FCC ID of new application
PY317400403</th></tr>
<tr><td>Technology:
DSSS,OFDM
CCK, DQPSK, DBPSK for DSSS
64QAM, 16QAM, QPSK, BPSK for OFDM
256QAM for OFDM in 11ac mode
RF chip :
5GHz U_NII 1 and 2a : QCA9886
5GHz U_NII 2c and 3 : IPQ4019</td><td>The same technology and RF chip with “PY316400361”</td></tr>
<tr><td>Bandwidth information and differences:
20MHz,40MHz and 80MHz</td><td>The same bandwidth condition with “PY316400361”</td></tr>
<tr><td>Antenna information and differences for the minimum gain antennas:
<table>
<tr><th colspan="5">WLAN (Radio 1) Antenna</th></tr>
<tr><th>Antenna No.</th><th>Ant. Gain(dBi)</th><th>Frequency range (GHz)</th><th>Antenna Type</th><th>Connector Type</th></tr>
<tr><td rowspan="3">1</td><td>3</td><td>2.4~2.4835</td><td rowspan="3">PIFA</td><td rowspan="3">NA</td></tr>
<tr><td>4.5</td><td>5.47~5.725</td></tr>
<tr><td>4.4</td><td>5.725~5.85</td></tr>
<tr><td rowspan="3">2</td><td>3.5</td><td>2.4~2.4835</td><td rowspan="3">PIFA</td><td rowspan="3">NA</td></tr>
<tr><td>3.9</td><td>5.47~5.725</td></tr>
<tr><td>4</td><td>5.725~5.85</td></tr>
<tr><th colspan="5">WLAN (Radio 2) Antenna</th></tr>
<tr><th>Antenna No.</th><th>Ant. Gain(dBi)</th><th>Frequency range (GHz)</th><th>Antenna Type</th><th>Connector Type</th></tr>
<tr><td rowspan="2">3</td><td>3.6</td><td>5.15~5.25</td><td rowspan="2">PIFA</td><td rowspan="2">NA</td></tr>
<tr><td>3.7</td><td>5.25~5.35</td></tr>
<tr><td rowspan="2">4</td><td>3.2</td><td>5.15~5.25</td><td rowspan="2">PIFA</td><td rowspan="2">NA</td></tr>
<tr><td>3.3</td><td>5.25~5.35</td></tr>
</table></td><td>There is no change to the WLAN antenna from the previous application “PY316400361”. This application removes an additional antenna, Antenna No. 5, which works independently from the WLAN circuitry.</td></tr>
<tr><td>Differences in DFS functioning, circuitry, software:
Software/Firmware Version: V1.4.0.14_1.0.36
<table>
<tr><th rowspan="2">Operational Mode</th><th colspan="2">Operating Frequency Range</th></tr>
<tr><th>5250~5350MHz</th><th>5470~5725MHz</th></tr>
<tr><td>Master</td><td>√</td><td>√</td></tr>
</table></td><td>The same version and DFS function with “PY316400361”</td></tr>
<tr><td>Differences between the products:</td><td>Removal of BlueTooth circuit and BlueTooth antenna
(independent circuit , not related with WLAN circuitry)</td></tr>
<tr><td>Name of test labs for the grants:
Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch</td><td>Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch</td></tr>
</table>



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