

February 20, 2018

**Expedited Review Letter**To: Federal Communications Commission  
Equipment Authorization Division

Subject: Expedited Review Approval

FCC ID: S9GE510

We, the undersigned, Ruckus Wireless, Inc., declare that the 5G radio chip within the E510 Access Point under FCC ID: S9GE510 has the same performance and function as previously certified and DFS tested and approved E510 Access Point under FCC ID: S9GE510. The only difference is the antennas.

<b>E510 (Original Application)</b>	<b>E510 (Permissive Change)</b>
Technology: 802.11 a/b/g/n/ac	802.11 a/b/g/n/ac
Bandwidth information and differences: 20MHz, 40MHz, 80MHz	20MHz, 40MHz, 80MHz
Antenna information and differences for the minimum gain antennas:  External Two PCB antenna's, One (1) dual band horizontal, and One (1) dual band vertical antenna. 2.4GHz 3dBi, 5GHz 3.5dBi	Sector Mars MA-WE2458-2HRU 2.4GHz 5dBi, 5GHz 5dBi
Differences in DFS functioning, circuitry, software: DFS Function and software exactly same	DFS Function and software exactly same
Differences between the products: Only the antennas	Only the antennas
Name of test labs for the grants: Only one test lab (Siemic)	Only one test lab (Siemic)

Sincerely,

  
  
Craig Owens  
Senior Director, Hardware Engineering  
craig.owens@arris.com