December 8, 2014

Federal Communications Commission
Office of Engineering and Technology
Equipment Authorization Division
7345 Oakland Mills Road
Columbia MD 21046

Subject: Expedited Review, FCC ID: UZ7AP7532

To the Commission:

We, the undersigned Symbol Technologies, Inc., request a Class II Permissive Change to FCC ID: UZ7AP7532 to enable the DFS Bands with an Expedited Review based on FCC ID: UZ7AP7522. The AP-7522 was determined to be the worst case with the lowest system gain.

We declare that there are no changes to the radio hardware or firmware of the AP-7532.

Sporton has verified the compliance for RF functionality (Test Report FA441804-06) and UL has verified the compliance of the DFS functionality (Test Report 14U18922-1 Rev A).

Previously Granted DFS Device FCC ID: UZ7AP7522	New Application UZ7AP7532
Technology: (i.e.; 802.11x, frame based, MIMO, smart antenna, etc.) Answer: 802.11abgn 2x2 MIMO	802.11abgn 3x3 MIMO
Bandwidth information and differences Answer: 20MHz / 40MHz / 80MHz	20MHz / 40MHz / 80MHz
Antenna information and differences for the minimum gain antennas: Answer: The lowest gain antenna used us the ML-2452-APAG2A1-01 (1.7 dBi Dipole.	The lowest gain antenna used us the ML-2452-APAG2A1-01 (1.7 dBi Dipole)
Differences in DFS functioning, circuitry, software, etc Answer: The DFS hardware/software is Rev B / 5.7.0.0-203475X .	The DFS hardware/software is Rev B / 5.7.0.0-203475X
Differences between the products such as TX power, modulation, receivers, processing circuitry, etc. Answer: Supports 1TX/2RX and 2TX/2RX functions and Modulation: DSSS and OFDM	Answer: Supports 1TX/3RX, 2TX/3RX and 3TX/3RX functions and Modulation: DSSS and OFDM
Names of the test labs for the various Grants Answer: Sporton International, Inc. performed all RF and UL performed the DFS testing.	Sporton International, Inc. performed all RF and UL performed the DFS testing.

If you have any questions regarding the authorization, please don't hesitate to contact me.

Respectfully,

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