

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: UZ7AP7522I

To the Commission:

We, the undersigned Symbol Technologies, Inc., request a Class II Permissive Change to FCC ID: UZ7AP7522I 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-7522I.

Sporton has verified the compliance for RF functionality (Test Report FR441804-07) and UL has verified the compliance of the DFS functionality (Test Report 14U18921-1\_RevA).

Previously Granted DFS Device FCC ID: UZ7AP7522	New Application UZ7AP7522I
Technology: (i.e.; 802.11x, frame based, MIMO, smart antenna, etc.)	802.11abgn 2x2 MIMO, integrated
Answer: 802.11abgn 2x2 MIMO	antennas
Bandwidth information and differences	20MHz / 40MHz / 80MHz
Answer: 20MHz / 40MHz / 80MHz	
Antenna information and differences for the minimum gain antennas:	The lowest gain antenna used us a 5.92
Answer: The lowest gain antenna used us the ML-2452-APAG2A1-01 (1.7	dBi PIFA)
dBi Dipole.	
Differences in DFS functioning, circuitry, software, etc	The DFS hardware/software is Rev B /
Answer: The DFS hardware/software is Rev B / 5.7.0.0-203475X	5.7.0.0-203475X
Differences between the products such as TX power, modulation, receivers,	Answer: Supports 1TX/2RX and
processing circuitry, etc.	2TX/2RX functions and Modulation:
Answer: Supports 1TX/2RX and 2TX/2RX functions and Modulation: DSSS	DSSS and OFDM
and OFDM	
Names of the test labs for the various Grants	Sporton International, Inc. performed
Answer: Sporton International, Inc. performed all RF and UL performed the	all RF and UL performed the DFS
DFS testing.	testing.

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

Respectfully,

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Mark S. Luksich DMTS, Regulatory Engineering 631-738-5134 Mark.Luksich@Zebra.com