



Dec 2, 2015

Similarities between the UIDTG1682 (a.k.a phase 1 or P1) and UIDTG1682-2 (a.k.a P2.)

FCC ID of Previously Granted DFS Devices	FCC ID of New Application
Technology: (i.e.; 802.11x, frame based, MIMO, smart antenna, etc.)	P2 same as P1. 802.11n for 2.4 GHz 3x3 MIMO 802.11ac for 5GHz 3x3 MIMO
Bandwidth information and differences	P2 same as P1. 2.4 GHz: 20 and 40 MHz 5GHz: 20, 40 and 80 MHz
Antenna information and differences for the minimum gain antennas	P2 same as P1. Antenna gains in FCC report
Differences in DFS functioning, circuitry, software, etc.	P2 same as P1.
Differences between the products such as TX power, modulation, receivers, processing circuitry, etc.	<ul style="list-style-type: none"> • DFS (UNI-II) Power levels - P2 same as P1 • Circuits, modulation and code - P2 same as P1 • P2 has the increased UNI-I Power allowed by FCC (P1 uses original UNI-I limits) • For UNI-III P2 has slightly higher power than P1 – due to calibration optimization without and component/circuit changes
Names of the test labs for the various Grants	MET Labs

Sincerely,

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 Compliance