

NETGEAR, INC.

350 East Plumeria Drive, San Jose, CA 95134, USA

Tel:408-890-3657/Fax:408-907-8097

Product Name: Orbi router;Orbi satellite

DUT: FCC ID: PY317400404

FCC ID of previously granted DFS Devices :FCC ID: PY316400362

Required information	FCC ID of Granted Application PY316400362	FCC ID of New Application PY317400404
Technology(i.e 802.11x,frame based, MIMO, smart antenna, etc.)	MU-MIMO capable for simultaneous data streaming on multiple devices	MU-MIMO capable for simultaneous data streaming on multiple devices
Bandwidth information and differences	Orbi AC2200 Router and AC2200 Satellites (866 + 866 + 400Mbps)† • Simultaneous Tri-band WiFi - Radio 1: IEEE 802.11b/g/n 2.4GHz-256QAM support - Radio 2: IEEE 802.11a/n/ac 5GHz-256QAM support - Radio 3: IEEE 802.11a/n/ac 5GHz-256QAM support WLAN chip : IPQ4019 + QCA9886	Orbi AC2200 Router and AC2200 Satellites (866 + 866 + 400Mbps)† • Simultaneous Tri-band WiFi - Radio 1: IEEE 802.11b/g/n 2.4GHz-256QAM support - Radio 2: IEEE 802.11a/n/ac 5GHz-256QAM support - Radio 3: IEEE 802.11a/n/ac 5GHz-256QAM support WLAN chip : IPQ4019 + QCA9886
Antenna information and differences for the minimum gain antennas	Dual-band antenna x2 5GHz band antenna x2 Same antenna type as previous product 5GHz minimum antenna gain : 3.56dBi	Dual-band antenna x2 5GHz band antenna x2 Same antenna type as previous product 5GHz minimum antenna gain : 3.56dBi
Differences in DFS functioning circuitry, software, etc	(1) FW version : V1.4.0.12-dfs-14	(2) There are no differences in DFS functionality or software. (3) FW version : V1.4.0.12-dfs-14
Differences between the products such as TX power, modulation, receivers, processing circuitry, etc	maximum power level : 23.68dBm	There are no differences in DFS hardware features. maximum power level : 23.68dBm (1) All the WLAN RF circuit and components were same as PY316400362 and just removed Bluetooth components (Layout no any change) (2) These Bluetooth components is completely different to WLAN. So , based on certificate requirement that we need to apply a new FCC ID for this product
Names of the test lab for the various Grants	Test Lab: Bureau Veritas CPS (H.K.) Ltd., Taoyuan Branch	Test Lab: Bureau Veritas CPS (H.K.) Ltd., Taoyuan Branch



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