



Expedite Review Required Information

Product Name: Telephony Gateway

DUT: FCC ID: UIDTG3482P2

FCC ID of previously granted DFS Devices: FCC ID: UIDTG3482ER3

| Required information | FCC ID of Previously Granted DFS Device | FCC ID of New Application |
|--|---|---|
| Technology (i.e. 802.11x, frame based, MIMO, smart antenna, etc.) | Same PCBA (chip set is QT10GA+QT7810B+QT6210B) 802.11ac DFS bands cover 5.25-5.35G and 5.47- 5.725G; IP based; 8x8 MIMO system | Same PCBA (Same chip set (QT10GA+QT7810B+QT6210B) 802.11ac DFS bands cover 5.25-5.35G and 5.47- 5.725G; IP based; 8x8 MIMO system |
| Bandwidth information and differences | HT20,HT40, VHT20, VHT40, VHT80 and VHT160 | Same bandwidth: HT20,HT40, VHT20, VHT40, VHT80 and VHT160 |
| Antenna information and differences for the minimum gain antennas | Antenna type is PIFA, the minimum gain is 8.5dBi. (detail antenna specification refer to certification report) | Antenna type is PIFA, the minimum gain is 2.7dBi. (detail antenna specification refer to certification report) |
| Differences in DFS functioning circuitry, software, etc. | The RF module is OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM and CCK, DQPSK, DBPSK DFS function circuitry, please refer to schematic, firmware Driver version: b-v38.5.17.102.16 (detail circuit specification refer schematic) | The RF module is OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM and CCK, DQPSK, DBPSK (detail circuit specification refer schematic) Firmware Driver version: b-v38.5.17.102.16 |
| Differences between the products such as TX power, modulation, receivers, processing circuitry, etc. | Maximum TX power is 21.29dBm Modulation is OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM Receivers is OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM | Maximum TX power is 23.99dBm Modulation is OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM Receivers is OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM |
| Names of the test lab for the various Grants | Test Lab: MET Laboratories, Inc. | Test Lab: Sporton International Inc. |

Applicant : ARRIS

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