

Testing and Certification for REFERENCE (#3)	Testing and Certification for Variant (#1)	Testing and Certification for Variant (#2)	Testing and Certification for Variant (#4)																																													
RT WiFi FCC 15.247/RSS-247 15.207/RSS-247 Conducted RF emissions on AC Mains. Range: 150kHz-30MHz. Leads Tested: L1 & Neutral Power: 120VAC, 60Hz. Limits: 15.207/RSS-247 Modes: (2) Tx ON, Tx OFF NOTE: Performed during Simul-Tx & Digital Device 15.247/RSS-247 Ant Port [RT WiFi] 15.247/RSS-247 Measurements at Antenna Port Tests: 6dB BW, 99% BW, PSD, Cond Per, CSE Channels: (3) Low / Mid / High Power: 120VAC, 60Hz. Modes: (1) B02.11 U/g/h20 15.247/RSS-247 Rad Spur EM, BEC & ERP Test: Preliminary & final measurements: 30MHz-25GHz Channels: (3) Low / Mid / High Power: 120VAC, 60Hz. Modes: (1) B02.11 U/g/h20 Test Report [RT WiFi] enr2200527-01 (Realtek WiFi) RT BLE FCC 15.247/RSS-247 15.207/RSS-247 Conducted RF emissions on AC Mains. Range: 150kHz-30MHz. Leads Tested: L1 & Neutral Power: 120VAC, 60Hz. 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Modes: (1) FHSS Tx 15.247 up to 100Hz SPOT CHECK Tx Spurious Emissions upto 4th harmonic NO SPOT CHECK TESTS ON FHSS Rx. Reference existing data for other modes/channels Test Report [RT BLE] enr2200529-02 (FHSS) Sub-1GHz 300/400MHz RX FCC 15.109/RSS-GEN 15.109/RSS-GEN Rad Spur Em [Radiated] [300/400MHz Rx] 15.109/RSS-GEN Spur Em [Radiated] [300/400MHz Rx] Test Report [300/400MHz Rx] enr2200527-05 (RX) <tr><td>15.207/RSS-247 Conducted RF emissions on AC Mains. Range: 150kHz-30MHz. Leads Tested: L1 & Neutral Power: 120VAC, 60Hz. Limits: 15.207/RSS-247 Modes: (2) Tx ON, Tx OFF NOTE: Performed during Simul-Tx & Digital Device</td><td>[Sec 3.0 BLE]</td><td>[Sec 3.0 BLE]</td><td>15.207/RSS-247 RF Em AC Mains PL Cond [Sec 3.0 BLE]</td></tr> <tr><td>15.247/RSS-247 Ant Port [Sec 3.0 BLE]</td><td>15.247/RSS-247 Measurements at Antenna Port Tests: 6dB BW, 99% BW, PSD, Cond Per, CSE Channels: (3) Low / Mid / High Power: 120VAC, 60Hz. 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Limits: 15.207/RSS-247 Modes: (1) All Tx ON, use for all CERT PL-CX Data [w/ 1 GDO type] Modes: (1) All Tx OFF for Digital Device 15.109/CES-003 [w/ 3 GDOs] NOTE: Digital Device Cond Em testing per 15.109/CES-003 performed on 3 GDO types having most full featured configuration. (1) Ultrafast Model (TBD) (1) Baycon Model (TBD) (1) Chamberlain Model (TBD)</td><td>15.207/RSS-247 RF Em AC Mains PL Cond</td><td>15.247/RSS-247 Spur Em [Multi-Tx]</td><td>15.207/RSS-247 RF Em AC Mains PL Cond</td></tr> <tr><td>15.247/RSS-247/15.109 Rad Spur EM, BEC & ERP Test: Preliminary & final measurements: 30MHz-25GHz Power: 120VAC, 60Hz. Modes: (1) RT-WIFI/Sec 3.0 BLE/FHSS [w/ 1 GDO type] Modes: (1) RT-BLE/FHSS [w/ 1 GDO type] Modes: (1) All Tx OFF, Limits 15.109 & CES-003 [w/ 3 GDOs] NOTE: Digital Device Cond Em testing per 15.109/CES-003 performed on 3 GDO types having most full featured configuration. 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