

Applicable Standards for WLAN 2.4 GHz and 5 GHz (802.11abgn) Devices in Indonesia

WLAN 2.4 GHz and 5 GHz Approval test will be based on National standards :
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- Access Control Protocol Method: TDMA/FDMA/CDMA/CSMA-CA
- Modulation type: FSK/BPSK/QPSK/QAM/CCK
- Multiplexing technique: OFDM/TDM/FDM
- Spread spectrum: FHSS/DSSS
- CNR for 1×10^{-6} symbol error rate: ≤ 10 dB
- Spurious all band: ≤ -50 dBc
- Receiver sensitivity: ≤ -58 dBm
- Radiated Emission Limit: $500 \mu\text{V/m}$ at 3 meters measurement (FCC part 15.209)
- **Operating Frequencies: 2.4 - 2.4835 GHz and 5.725 - 5.825 GHz**
- **Maximum bandwidth: 20 MHz**
- EIRP (2.4 - 2.4835 GHz): 27 dBm for indoor utilization and 36 dBm for outdoor utilization
- EIRP (5.725 - 5.825 GHz): 36 dBm for PtoP and PtoMP application and 33 dBm for mesh application
- **Maximum output power 100 mW / 20 dBm**
- Minimum data access: DSSS shall be 11 Mbps / channel and FHSS shall be 3 Mbps / channel
- Interface: IEEE 802.3 compliant (Ethernet/E1)

Document Requirements such as:

1. Power of Attorney to CV. DIMULTI
2. Completed Application Forms [PM.4 and PM.5]
3. Technical Data of Device [General information, Installation Guide, User Manual, Foreign Test Report (optional), etc..]

