



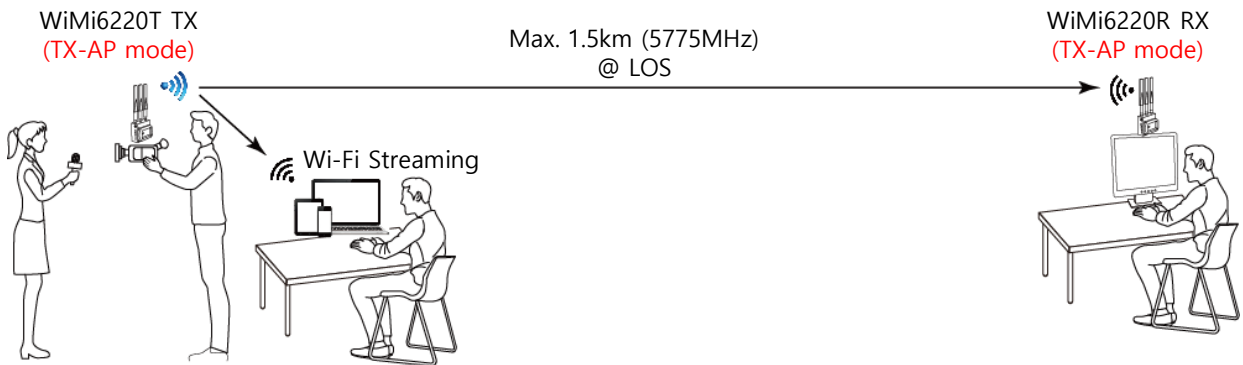
# WiMi6220T/R Setup-FCC



November, 2019

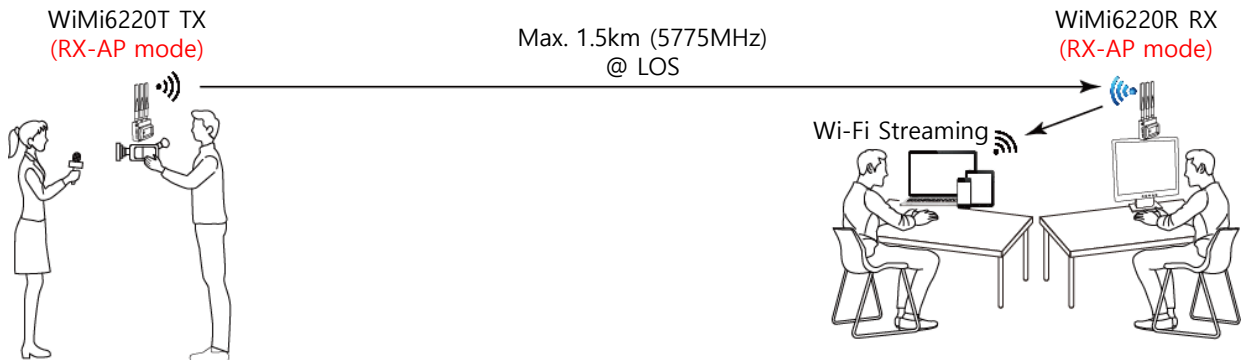
# WiMi6220 Operation Modes

## TX-AP mode: TX works as an AP (Typical Operation)

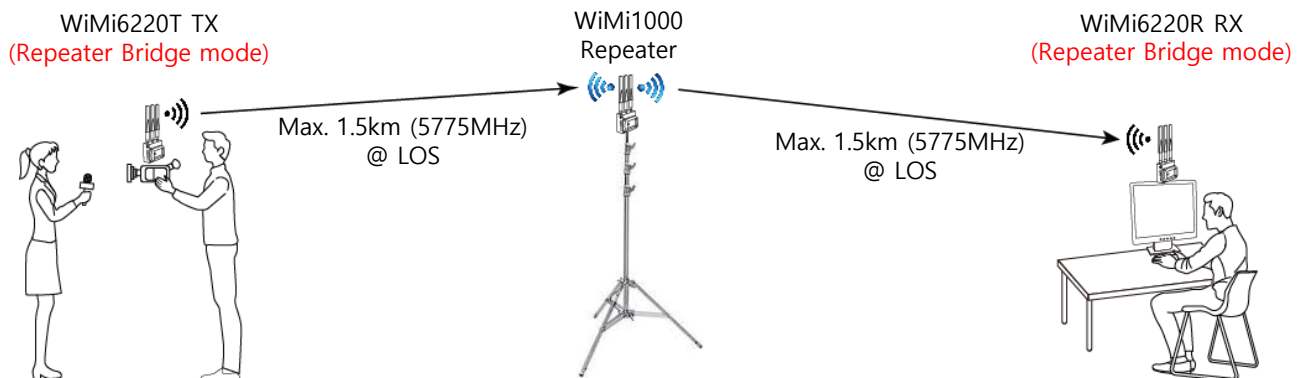


## RX-AP mode: RX works as an AP

Note: The **Relay Server** of the RX must be turned ON for the Wi-Fi Streaming to the Wi-Fi devices.

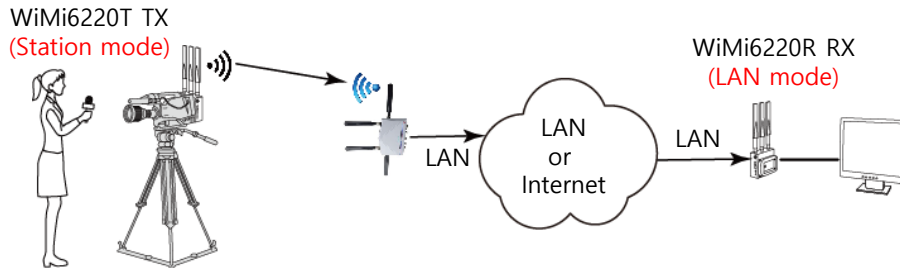


## WiMi1000 Repeater Bridge mode: Both TX & RX work as a Station

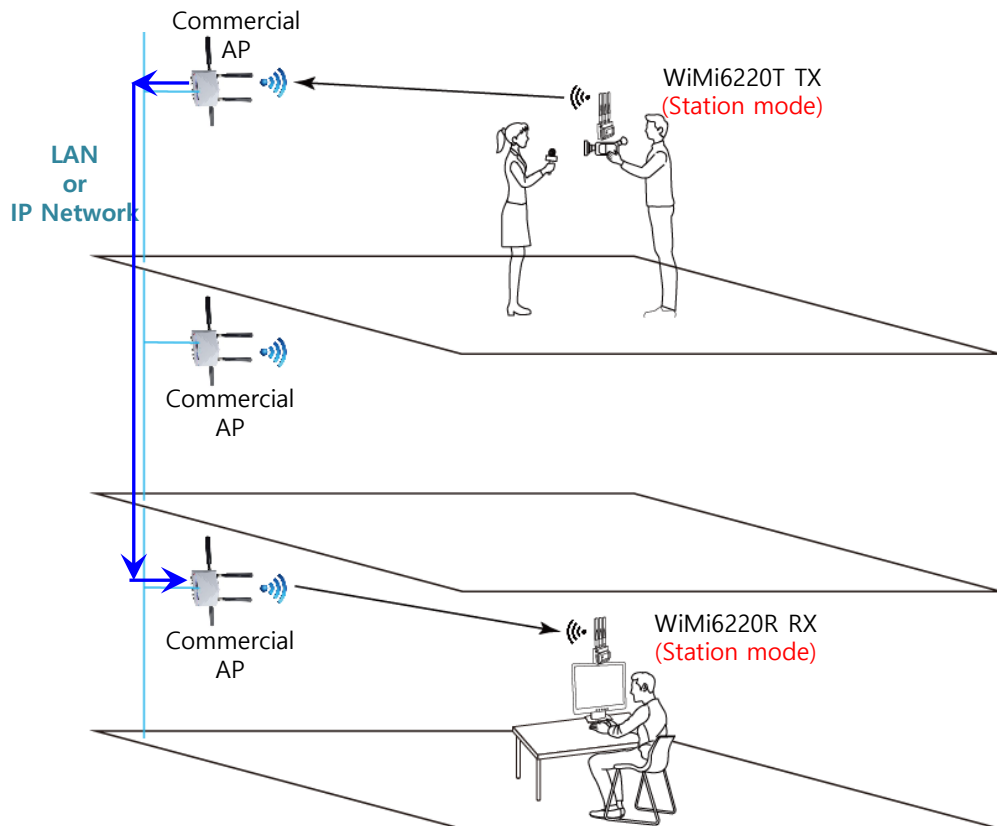


# WiMi6220 Operation Modes

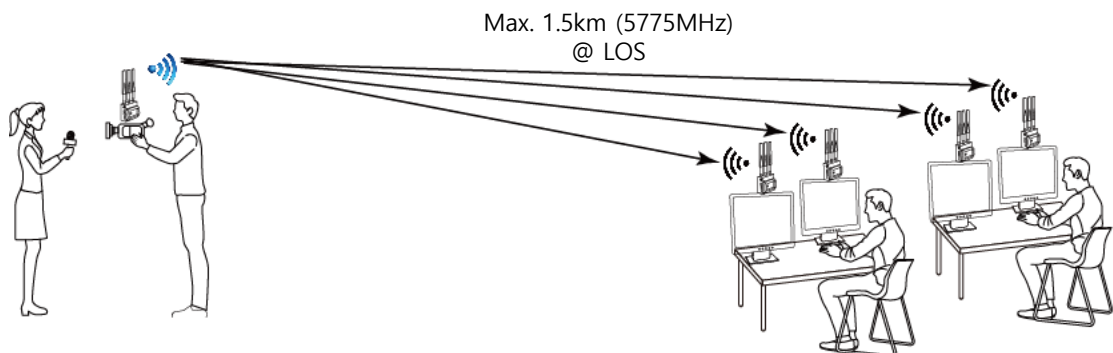
## LAN/Station: Station (TX), LAN (RX) mode



## LAN/Station: Station mode (TX & RX)



## Wireless Multicast mode



# DIP Switch Configuration

## WiMi6220T(Transmitter)

WiFi Ch.

}

4 bits: Selection of a specific frequency in TX-AP or RX-AP Mode

}

Selection of SSID in WiMi1000 Repeater Bridge Mode

}

2 bits: Not Used

ENC. Rate

}

2 bits: Selection of Encoding Bit Rate

}

2 bits: Selection of Operation Mode

Encoding Rate

ENC. Rate

12 Mbps

ENC. Rate

20 Mbps

ENC. Rate

25 Mbps

ENC. Rate

Controlled by Web UI

Operation Mode

ENC. Rate

TX-AP Mode

ENC. Rate

RX-AP Mode

ENC. Rate

LAN/Station Mode

ENC. Rate

WiMi1000 Repeater Bridge Mode

## WiMi6220R(Receiver)

WiFi Ch.

}

4 bits: Selection of a specific frequency in TX-AP or RX-AP Mode

}

Selection of SSID in WiMi1000 Repeater Bridge Mode

}

2 bits: Not Used

SYS-ID

}

2 bits: Selectin of Receiver's ID (Receiver-# in 1:N multicast mode)

}

2 bits: Selection of Operation Mode

SYS-ID In 1:N Config.

SYS-ID

Receiver-1

SYS-ID

Receiver-2

SYS-ID

Receiver-3

SYS-ID

Receiver-4

Operation Mode

SYS-ID

TX-AP Mode

SYS-ID

RX-AP Mode

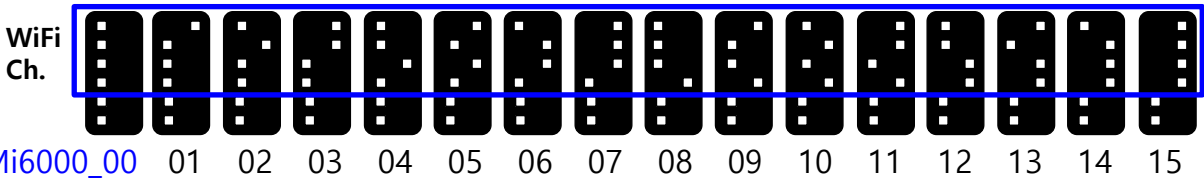
SYS-ID

LAN/Station Mode

SYS-ID

WiMi1000 Repeater Bridge Mode

WiMi6220T/R Wi-Fi Ch. Selection (TX-AP/RX-AP Mode)

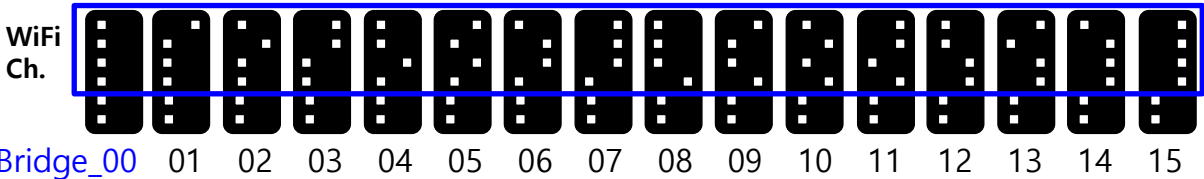


SSID Number vs Ch./Frequency Table (TX-AP, RX-AP Mode)

SSID	Ch. No. (Freq.)	SSID	Ch. No. (Freq.)	SSID	Ch. No. (Freq.)	SSID	Ch. No. (Freq.)
WiMi6000_00	42 (5210)	WiMi6000_04	58 (5290)	WiMi6000_08	122 (5610)	WiMi6000_12	155 (5775)
WiMi6000_01	42 (5210)	WiMi6000_05	106 (5530)	WiMi6000_09	138 (5690)	WiMi6000_13	155 (5775)
WiMi6000_02	42 (5210)	WiMi6000_06	106 (5530)	WiMi6000_10	138 (5690)	WiMi6000_14	155 (5775)
WiMi6000_03	58 (5290)	WiMi6000_07	122 (5610)	WiMi6000_11	138 (5690)	WiMi6000_15	165 (5825)

- \* SSID for **RX-AP** mode will be **WiMi6000R\_XX**.
- \* The above DIP switch setting of upper 4-bits on both TX and RX must be same each other.

WiMi6220T/R SSID Selection (WiMi1000 Repeater Bridge Mode)



- \* The above DIP switch setting of upper 4-bits must be same with the WiMi1000's SSID setting.
- \* The real operating Wi-Fi frequency will be determined by the WiMi1000's SSID setting.

SSID Number vs Ch./Frequency Table (WiMi1000 Repeater Bridge Mode)

SSID	Ch. No. (Freq. MHz)	SSID	Ch. No. (Freq. MHz)	SSID	Ch. No. (Freq. MHz)	SSID	Ch. No. (Freq. MHz)
Bridge_00	42 (5210)	Bridge_04	58 (5290)	Bridge_08	122 (5610)	Bridge_12	155 (5775)
Bridge_01	42 (5210)	Bridge_05	106 (5530)	Bridge_09	138 (5690)	Bridge_13	155 (5775)
Bridge_02	42 (5210)	Bridge_06	106 (5530)	Bridge_10	138 (5690)	Bridge_14	155 (5775)
Bridge_03	58 (5290)	Bridge_07	122 (5610)	Bridge_11	138 (5690)	Bridge_15	165 (5825)

