



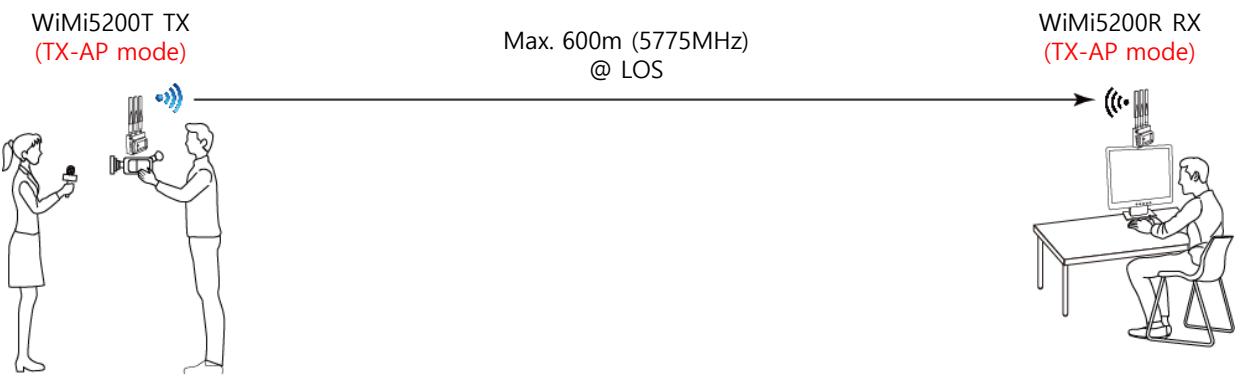
WiMi5200T/R Setup-FCC



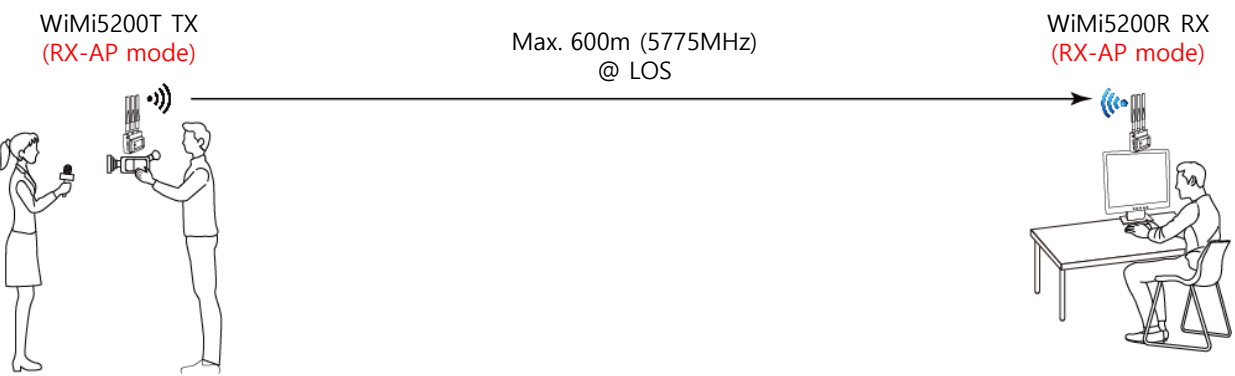
November, 2019

WiMi5200 Operation Modes

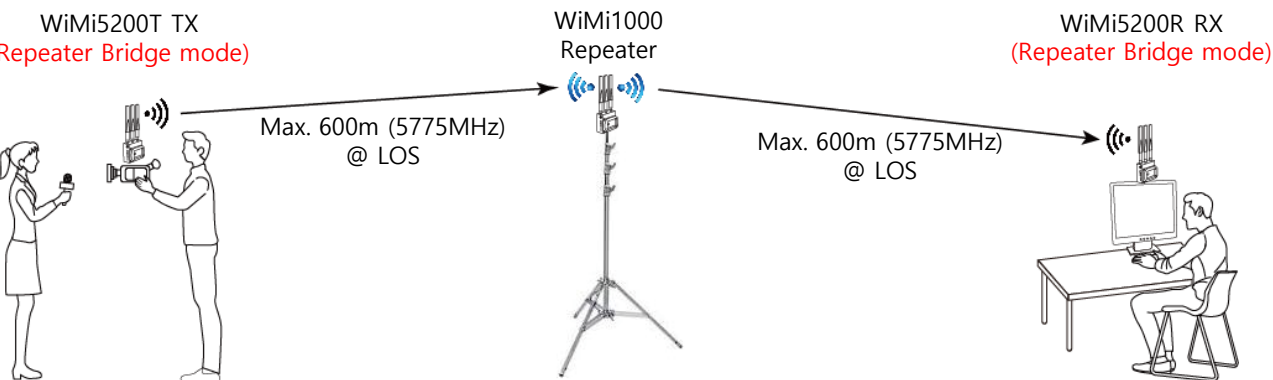
TX-AP mode: TX works as an AP (Typical Operation)



RX-AP mode: RX works as an AP



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



DIP Switch Configuration

WiMi5200T(Transmitter, TX)

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	<div>ENC. Rate<div><div></div><div></div></div></div> <div>12 Mbps</div>	<div>ENC. Rate<div><div></div><div></div></div></div> <div>15 Mbps</div>	<div>ENC. Rate<div><div></div><div></div></div></div> <div>20 Mbps</div>	<div>ENC. Rate<div><div></div><div></div></div></div> <div>Controlled by Web</div>
Operation Mode	<div>ENC. Rate<div><div></div><div></div></div></div> <div>TX-AP Mode</div>	<div>ENC. Rate<div><div></div><div></div></div></div> <div>RX-AP Mode</div>	<div>ENC. Rate<div><div></div><div></div></div></div> <div>WiMi1000 Repeater Bridge Mode</div>	<div>ENC. Rate<div><div></div><div></div></div></div> <div>WiMi1000 Repeater Bridge Mode</div>

WiMi5200R(Receiver, RX)

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

}

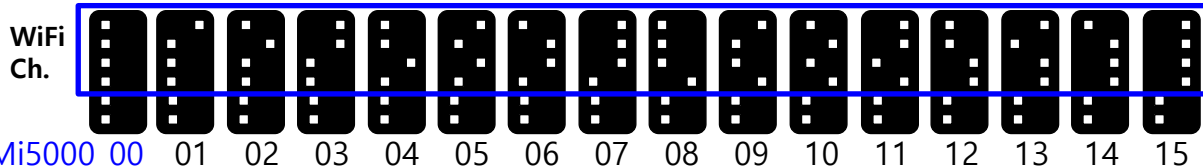
2 bits: Selectin of Receiver's ID (Receiver-# in 1:3 multicast mode)

}

2 bits: Selection of Operation Mode

SYS-ID In 1:3 Config.	<div>SYS-ID<div><div></div><div></div></div></div> <div>Receiver-1</div>	<div>SYS-ID<div><div></div><div></div></div></div> <div>Receiver-2</div>	<div>SYS-ID<div><div></div><div></div></div></div> <div>Receiver-3</div>	<div>SYS-ID<div><div></div><div></div></div></div> <div>Receiver-4</div>
Operation Mode	<div>SYS-ID<div><div></div><div></div></div></div> <div>TX-AP Mode</div>	<div>SYS-ID<div><div></div><div></div></div></div> <div>RX-AP Mode</div>	<div>SYS-ID<div><div></div><div></div></div></div> <div>WiMi1000 Repeater Bridge Mode</div>	<div>SYS-ID<div><div></div><div></div></div></div> <div>WiMi1000 Repeater Bridge Mode</div>

WiMi5200T/R Wi-Fi Ch. Selection (TX-AP, RX-AP Mode)

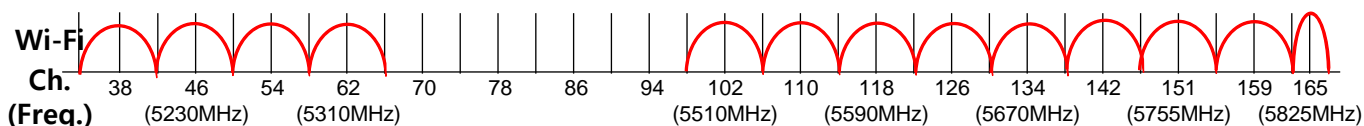


SSID Number vs Ch./Frequency Table (TX-AP, RX-AP Mode)

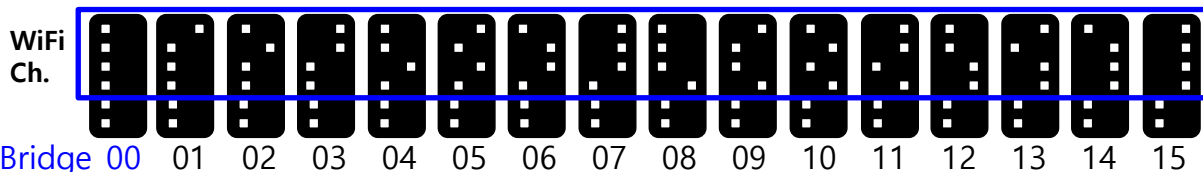
SSID	Ch. No. (Freq.)	SSID	Ch. No. (Freq.)	SSID	Ch. No. (Freq.)	SSID	Ch. No. (Freq.)
WiMi5000_00	38 (5190)	WiMi5000_04	62 (5310)	WiMi5000_08	126 (5630)	WiMi5000_12	151 (5755)
WiMi5000_01	46 (5230)	WiMi5000_05	102 (5510)	WiMi5000_09	134 (5670)	WiMi5000_13	159 (5795)
WiMi5000_02	46 (5230)	WiMi5000_06	110 (5550)	WiMi5000_10	142 (5710)	WiMi5000_14	159 (5795)
WiMi5000_03	54 (5270)	WiMi5000_07	118 (5590)	WiMi5000_11	151 (5755)	WiMi5000_15	165 (5825)

* SSID for **RX-AP** mode will be **WiMi5000R_XX**.

* The above DIP switch setting of upper 4-bits on both TX and RX must be same each other.



WiMi5200T/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.)	SSID	Ch. No. (Freq.)	SSID	Ch. No. (Freq.)	SSID	Ch. No. (Freq.)
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)

