



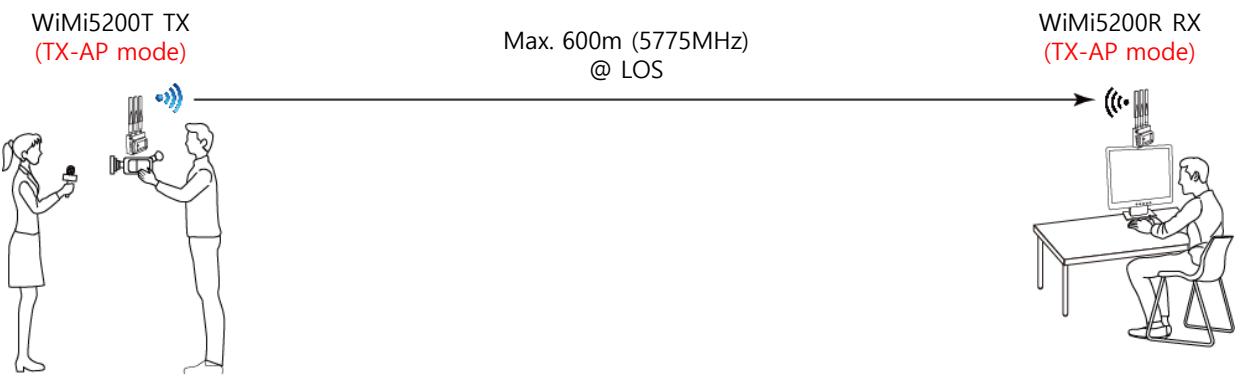
WiMi5200T/R Setup



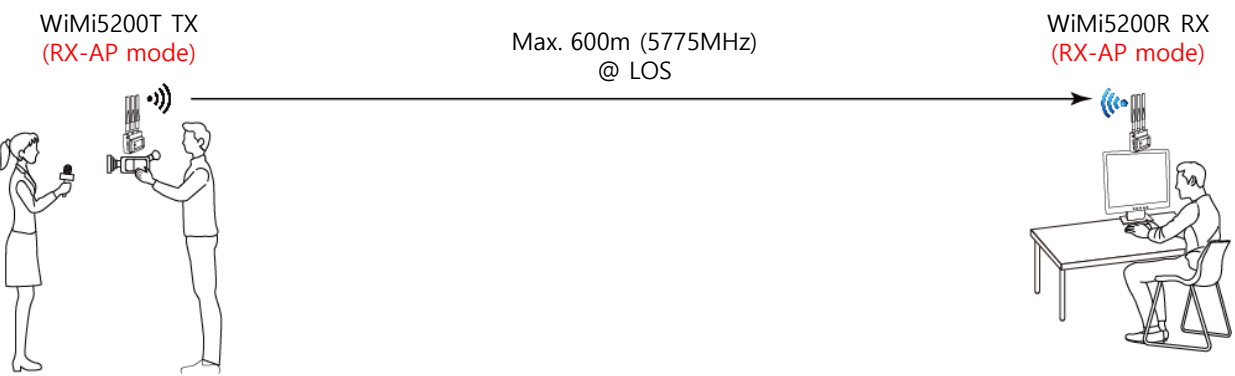
November, 2019

WiMi5200 Operation Modes

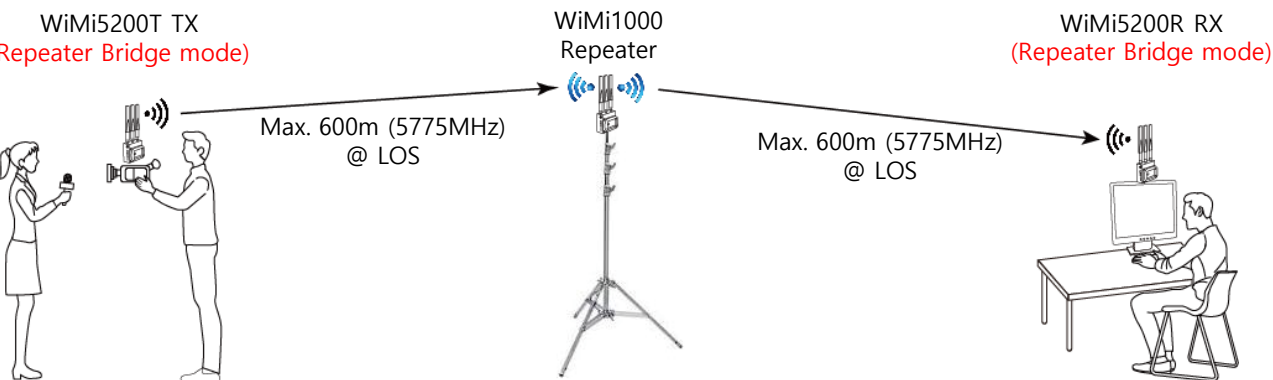
TX-AP mode: TX works as an AP (Typical Operation)



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

ENC. Rate

12 Mbps

ENC. Rate

15 Mbps

ENC. Rate

20 Mbps

ENC. Rate

Controlled by Web

Operation Mode

ENC. Rate

TX-AP Mode

ENC. Rate

RX-AP Mode

ENC. Rate

WiMi1000 Repeater Bridge Mode

ENC. Rate

WiMi1000 Repeater Bridge Mode

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.

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

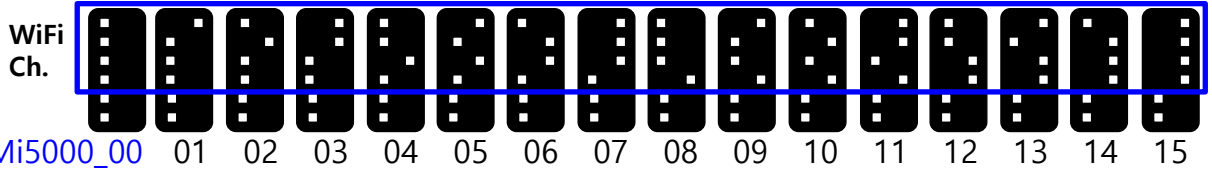
SYS-ID

WiMi1000 Repeater Bridge Mode

SYS-ID

WiMi1000 Repeater Bridge Mode

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

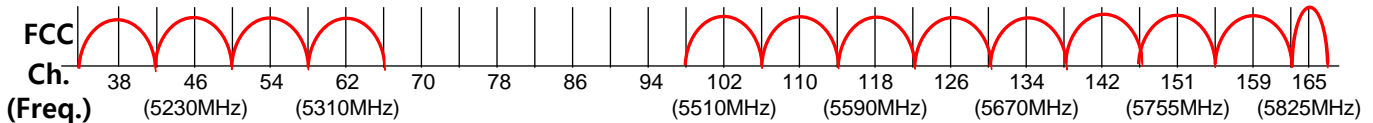


FCC - SSID Number vs Ch./Frequency Table (TX-AP, RX-AP Mode)

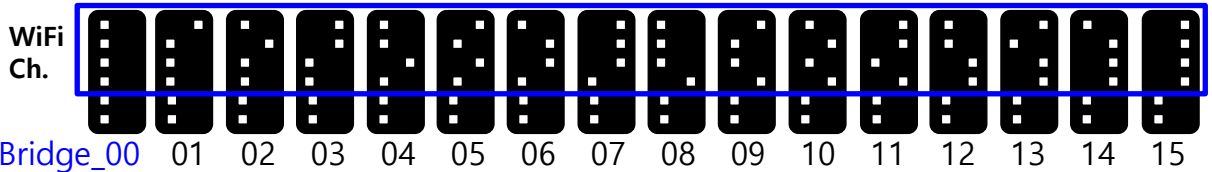
SSID	Ch. No. (Freq.)	SSID	Ch. No. (Freq.)	SSID	Ch. No. (Freq.)	SSID	Ch. No. (Freq.)
WiMi5000_00	38 (5190)	WiMi5000_04	62 (5310)	WiMi5000_08	126 (5630)	WiMi5000_12	151 (5755)
WiMi5000_01	46 (5230)	WiMi5000_05	102 (5510)	WiMi5000_09	134 (5670)	WiMi5000_13	159 (5795)
WiMi5000_02	46 (5230)	WiMi5000_06	110 (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.



FCC - WiMi5200T/R SSID Selection (WiMi1000 Repeater Bridge Mode)

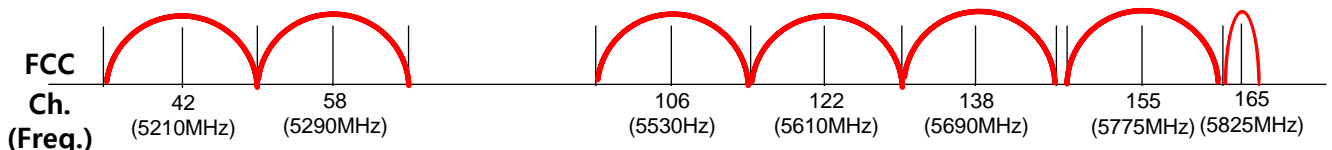


* The above DIP switch setting of upper 4-bits must be same with the WiMi1000's SSID setting.

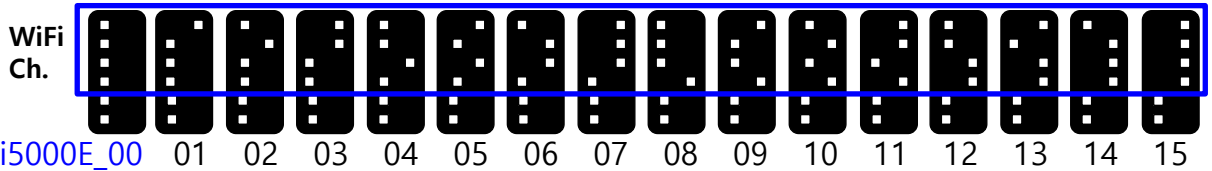
* The real operating Wi-Fi frequency will be determined by the WiMi1000's SSID setting.

FCC - 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)



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

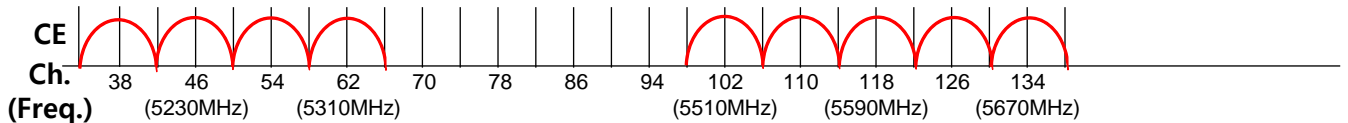


CE - SSID Number vs Ch./Frequency Table (TX-AP, RX-AP Mode)

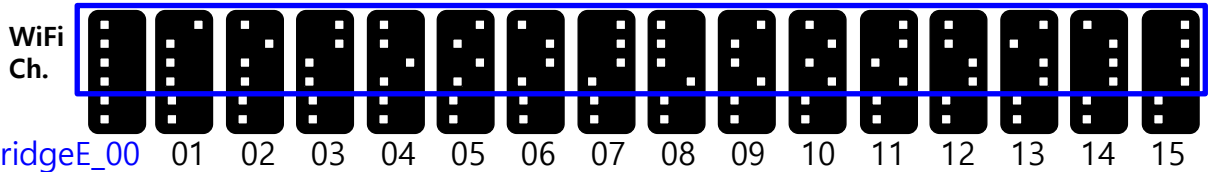
SSID	Ch. No. (Freq.)	SSID	Ch. No. (Freq.)	SSID	Ch. No. (Freq.)	SSID	Ch. No. (Freq.)
WiMi5000E_00	38 (5190)	WiMi5000E_04	62 (5310)	WiMi5000E_08	110 (5550)	WiMi5000E_12	126 (5630)
WiMi5000E_01	46 (5230)	WiMi5000E_05	62 (5310)	WiMi5000E_09	110 (5550)	WiMi5000E_13	126 (5630)
WiMi5000E_02	54 (5270)	WiMi5000E_06	102 (5510)	WiMi5000E_10	118 (5590)	WiMi5000E_14	134 (5670)
WiMi5000E_03	54 (5270)	WiMi5000E_07	102 (5510)	WiMi5000E_11	118 (5590)	WiMi5000E_15	134 (5670)

* SSID for **RX-AP** mode will be **WiMi5000RE_XX**.

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



CE - WiMi5200T/R SSID Selection (WiMi1000 Repeater Bridge Mode)

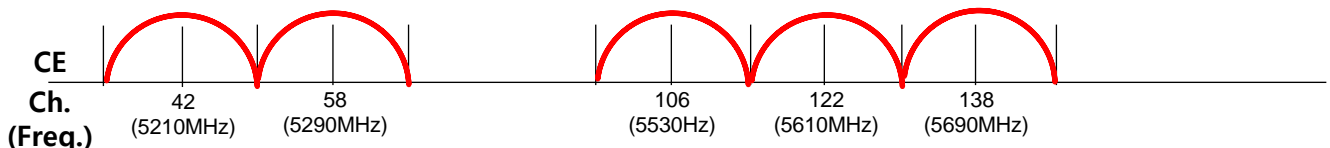


* The above DIP switch setting of upper 4-bits must be same with the WiMi1000's SSID setting.

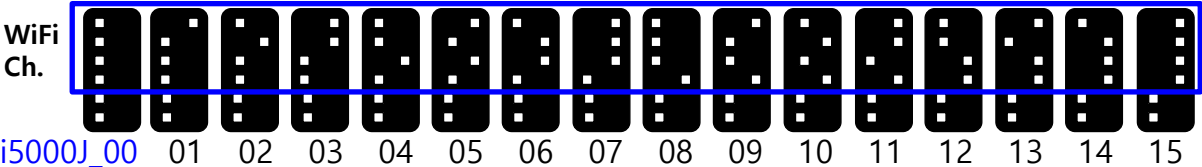
* The real operating Wi-Fi frequency will be determined by the WiMi1000's SSID setting.

CE - 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.)
BridgeE_00	42 (5210)	BridgeE_04	58 (5290)	BridgeE_08	106 (5530)	BridgeE_12	138 (5690)
BridgeE_01	42 (5210)	BridgeE_05	58 (5290)	BridgeE_09	122 (5610)	BridgeE_13	138 (5690)
BridgeE_02	42 (5210)	BridgeE_06	106 (5530)	BridgeE_10	122 (5610)	BridgeE_14	138 (5690)
BridgeE_03	58 (5290)	BridgeE_07	106 (5530)	BridgeE_11	122 (5610)	BridgeE_15	138 (5690)



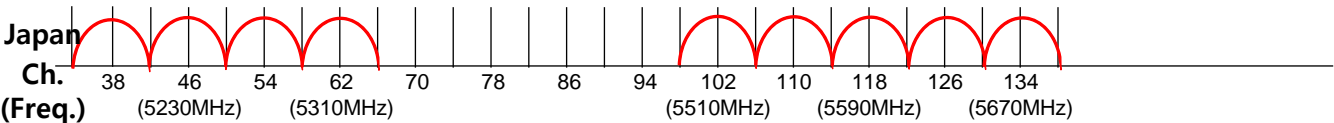
Japan - WiMi5200T/R Wi-Fi Ch. Selection (TX-AP, RX-AP Mode)



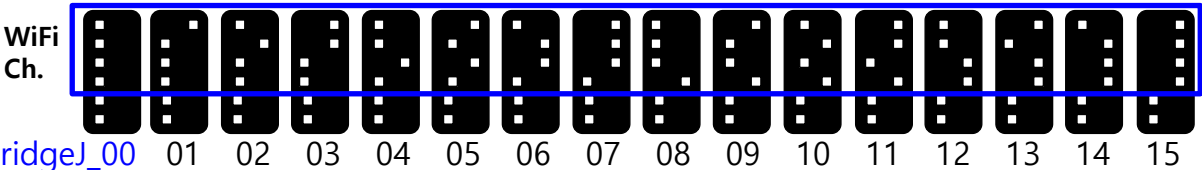
Japan - SSID Number vs Ch./Frequency Table (TX-AP, RX-AP Mode)

SSID	Ch. No. (Freq.)	SSID	Ch. No. (Freq.)	SSID	Ch. No. (Freq.)	SSID	Ch. No. (Freq.)
WiMi5000J_00	38 (5190)	WiMi5000J_04	62 (5310)	WiMi5000J_08	110 (5550)	WiMi5000J_12	126 (5630)
WiMi5000J_01	46 (5230)	WiMi5000J_05	62 (5310)	WiMi5000J_09	110 (5550)	WiMi5000J_13	126 (5630)
WiMi5000J_02	54 (5270)	WiMi5000J_06	102 (5510)	WiMi5000J_10	118 (5590)	WiMi5000J_14	134 (5670)
WiMi5000J_03	54 (5270)	WiMi5000J_07	102 (5510)	WiMi5000J_11	118 (5590)	WiMi5000J_15	134 (5670)

- * SSID for **RX-AP** mode will be **WiMi5000RJ_XX**.
- * The above DIP switch setting of upper 4-bits on both TX and RX must be same each other.



Japan - 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.

Japan - 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.)
BridgeJ_00	42 (5210)	BridgeJ_04	58 (5290)	BridgeJ_08	106 (5530)	BridgeJ_12	122 (5610)
BridgeJ_01	42 (5210)	BridgeJ_05	58 (5290)	BridgeJ_09	122 (5610)	BridgeJ_13	134 (5670)
BridgeJ_02	42 (5210)	BridgeJ_06	106 (5530)	BridgeJ_10	122 (5610)	BridgeJ_14	134 (5670)
BridgeJ_03	58 (5290)	BridgeJ_07	106 (5530)	BridgeJ_11	122 (5610)	BridgeJ_15	134 (5670)

