

## 国家通道频率区域参数

region plan	EU868	IN865	RU864	KR920	AS923-1	AS923-2	AS923-3
freq band	863-870	865-867	864-870	920.9-923.3	915-928	915-928	915-928
joinreq freq	868.1 868.3 868.5	865.0625 865.4025 865.985	868.9 869.1	922.1 922.3 922.5	923.2 923.4	921.4 921.6	916.6 916.8
joinreq dr	[0:5]	[0:5]	[0:5]	[0:5]	[2:5]	[2:5]	[2:5]
number of channel	16	16	16	16	16	16	16
ChMaskCtrl - ChMask	0->channels 0-15 6->all channels on	0->channels 0-15 6->all channels on	0->channels 0-15 6->all channels on	0->channels 0-15 6->all channels on	0->channels 0-15 6->all channels on	0->channels 0-15 6->all channels on	0->channels 0-15 6->all channels on
Default channels	[0:2]	[0:2]	[0:1]	[0:2]	[0:1]	[0:1]	[0:1]
Default RX1DROffset	0	0	0	0	0	0	0
Allowed RX1DROffset	[0:5]	[0:7]	[0:5]	[0:7]	[0:7]	[0:7]	[0:7]
Duty Cycle	1%		1%	LBT	1%	1%	1%
Max EIRP(TX Power 0)	+16 dBm	+30 dBm	+16 dBm	+14 dBm	+16 dBm	+16 dBm	+16 dBm
RX2 Datarate	DR0	DR2	DR0	DR0	DR2	DR2	DR2
RX2 Freq	869.525	866.55	869.1	921.9	923.2	921.4	916.6
Beacon Freq	869.525	866.55	869.1	923.1	923.4	921.6	916.8
Pingslot Freq	869.525	866.55	868.9	923.1	923.4	921.6	916.8

region plan	US915	AU915
freq band	902-928	915-928
joinreq freq	up: 64(902.3-914.9 +0.2) +8 (903.0-914.2 + 1.6) down:8(923.3-927.5 + 0.6)	up: 64(915.2-927.8 +0.2) +8 (915.9-927.1 + 1.6) down:8(923.3-927.5 + 0.6)
joinreq dr	64(125k) DR0 and 8(500k) DR4	64(125K) DR2 and 8(500k) D6
number of channel	up: 64(125k)+8(500k) down: 8(500k)	up: 64(125k)+8(500k) down: 8(500k)
ChMaskCtrl - ChMask	0-> channel0-15 1-> chanenl16-31 2-> channel32-47 3-> chanenl48-63 4-> channel64-71 6-> all 7-> 64-71	0-> channel0-15 1-> chanenl16-31 2-> channel32-47 3-> chanenl48-63 4-> channel64-71 6-> all 7-> 64-71
Default channels	[0:71]	[0:71]
DR	[0:4] 0-SF10 125K ..... 3-SF7 125K 4-SF8 500k 8-SF12 500K ..... 13-SF7 500K	[0:6] 0-SF12 125K ..... 5-SF7 125K 6-SF8 500k 8-SF12 500K ..... 13-SF7 500K
Default RX1DROffset	0	0

region plan	US915	AU915
Allowed RX1DROffset	[0:3] 0-SF10 125K ..... 3-SF7 125K	[0:5]
Duty Cycle	-	-
Max EIRP(TX Power 0)	+30 dBm	+30 dBm
RX2 Datarate	DR8(SF12 500K)	DR8
RX2 Freq	923.3	923.3
Beacon Freq	channel 65-71	channel 65-71
Pingslot Freq	channel 65-71	channel 65-71

region plan	CN470
freq band	470-510
joinreq freq	up: 96(470.3-489.3 +0.2) down:48(500.3-509.7 + 0.2)
joinreq dr	DR0-DR5
number of channel	up: 96(125k) down: 48(500k)
ChMaskCtrl - ChMask	0-> channel0-15 1-> channel16-31 2-> channel32-47 3-> channel48-63 4-> channel64-79 5-> channel80-95 6-> channel0-95
Default channels	[0:95]
Default RX1DROffset	0
Allowed RX1DROffset	[0:5]
Duty Cycle	-
Max EIRP(TX Power 0)	+20 dBm
RX2 Datarate	DR0
RX2 Freq	505.3
Beacon Freq	8 channel (508.3-509.7) +0.2
Pingslot Freq	505.3

## Milesight Gateway default Frequency

### AS923

名称	radio	Frequency	SF	Bandwidth/kHz
Radio0	-	923		
Radio1	-	922.2		
<b>channel 0</b>	0	<b>923.2</b>	SF7-SF12	125
<b>channel 1</b>	0	<b>923.4</b>	SF7-SF12	125
channel 2	1	922.2	SF7-SF12	125
channel 3	1	922.4	SF7-SF12	125
channel 4	1	922.6	SF7-SF12	125
channel 5	0	922.8	SF7-SF12	125
channel 6	0	923	SF7-SF12	125
channel 7	1	922	SF7-SF12	125
LoRa Channel	1	922.1	SF7	250
FSK Channel	1	921.8	50000	125

### AS923\_2

名称	radio	Frequency	SF	Bandwidth/kHz
Radio0	0	922.3		
Radio1	1	923.1		
<b>channel 0</b>	0	<b>921.2</b>	SF7-SF12	125
<b>channel 1</b>	0	<b>921.4</b>	SF7-SF12	125
channel 2	0	921.6	SF7-SF12	125
channel 3	0	921.8	SF7-SF12	125
channel 4	1	922	SF7-SF12	125
channel 5	1	922.2	SF7-SF12	125
channel 6	1	922.4	SF7-SF12	125
channel 7	1	922.6	SF7-SF12	125
LoRa Channel	1	922.2	SF7	250
FSK Channel	1	922.6	50000	125

### KR920

名称	radio	Frequest	SF	Bandwidth/kHz
Radio0	-	921.5		
Radio1	-	922.3		
<b>channel 0</b>	0	<b>922.1</b>	SF7-SF12	125
<b>channel 1</b>	0	<b>922.3</b>	SF7-SF12	125
channel 2	0	<b>922.5</b>	SF7-SF12	125
channel 3	1	922.7	SF7-SF12	125
channel 4	1	922.9	SF7-SF12	125
channel 5	1	923.1	SF7-SF12	125
channel 6	1	923.3	SF7-SF12	125
channel 7	1	923.5	SF7-SF12	125
LoRa Channel	0	922.1	SF7	250
FSK Channel	0	922.3	50000	125

## US915(8-15)

名称	radio	Frequest	SF	Bandwidth/kHz
Radio0	-	904.3		
Radio1	-	905.1		
channel 0	0	903.9	SF7-SF12	125
channel 1	0	904.1	SF7-SF12	125
channel 2	0	904.3	SF7-SF12	125
channel 3	0	904.5	SF7-SF12	125
channel 4	1	904.7	SF7-SF12	125
channel 5	1	904.9	SF7-SF12	125
channel 6	1	905.1	SF7-SF12	125
channel 7	1	905.3	SF7-SF12	125
LoRa Channel	0	904.6	SF8	500
FSK Channel	0	904.6	50000	125

## AU915(8-15)

名称	radio	Frequest	SF	Bandwidth/kHz
Radio0	-	917		
Radio1	-	917.8		
channel 0	0	916.8	SF7-SF12	125
channel 1	0	917	SF7-SF12	125
channel 2	0	917.2	SF7-SF12	125
channel 3	0	917.4	SF7-SF12	125
channel 4	1	917.6	SF7-SF12	125
channel 5	1	917.8	SF7-SF12	125
channel 6	1	918	SF7-SF12	125
channel 7	1	918.2	SF7-SF12	125
LoRa Channel	0	917.3	SF8	500
FSK Channel	0	917.2	50000	250

## CN470(mask:8-15)

名称	radio	Frequest	SF	Bandwidth/kHz
Radio0	-	472.3		
Radio1	-	472.9		
channel 0	0	471.9	SF7-SF12	125
channel 1	0	472.1	SF7-SF12	125
channel 2	0	472.3	SF7-SF12	125
channel 3	0	472.5	SF7-SF12	125
channel 4	1	472.7	SF7-SF12	125
channel 5	1	472.9	SF7-SF12	125
channel 6	1	473.1	SF7-SF12	125
channel 7	1	473.3	SF7-SF12	125
LoRa Channel	0	472.1	SF7	250
FSK Channel	0	472.5	50000	125

## EU868

名称	radio	Frequest	SF	Bandwidth/kHz
Radio0	-	867.5		
Radio1	-	868.5		
<b>channel 0</b>	<b>1</b>	<b>868.1</b>	<b>SF7-SF12</b>	<b>125</b>
<b>channel 1</b>	<b>1</b>	<b>868.3</b>	<b>SF7-SF12</b>	<b>125</b>
<b>channel 2</b>	<b>1</b>	<b>868.5</b>	<b>SF7-SF12</b>	<b>125</b>
channel 3	0	867.1	SF7-SF12	125
channel 4	0	867.3	SF7-SF12	125
channel 5	0	867.5	SF7-SF12	125
channel 6	0	867.7	SF7-SF12	125
channel 7	0	867.9	SF7-SF12	125
LoRa Channel	1	868.3	SF7	250
FSK Channel	1	868.8	50000	125

## IN865

名称	radio	Frequest	SF	Bandwidth/kHz
Radio0	-	865.3		
Radio1	-	866.385		
<b>channel 0</b>	<b>0</b>	<b>865.0625</b>	<b>SF7-SF12</b>	<b>125</b>
<b>channel 1</b>	<b>0</b>	<b>865.4025</b>	<b>SF7-SF12</b>	<b>125</b>
channel 2	0	865.6025	SF7-SF12	125
<b>channel 3</b>	<b>1</b>	<b>865.985</b>	<b>SF7-SF12</b>	<b>125</b>
channel 4	1	866.185	SF7-SF12	125
channel 5	1	866.385	SF7-SF12	125
channel 6	1	866.585	SF7-SF12	125
channel 7	1	866.785	SF7-SF12	125
LoRa Channel	0	865.2	SF7	250
FSK Channel	1	866	50000	125

## RU864

名称	radio	Frequest	SF	Bandwidth/kHz
Radio0	-	868.9		
Radio1	-	867.7		
<b>channel 0</b>	<b>0</b>	<b>868.9</b>	<b>SF7-SF12</b>	<b>125</b>
<b>channel 1</b>	<b>0</b>	<b>869.1</b>	<b>SF7-SF12</b>	<b>125</b>
channel 2	0	869.3	SF7-SF12	125
channel 3	1	867.3	SF7-SF12	125
channel 4	1	867.5	SF7-SF12	125
channel 5	1	867.7	SF7-SF12	125
channel 6	1	867.9	SF7-SF12	125
channel 7	1	868.1	SF7-SF12	125
LoRa Channel	0	868.7	SF7	250
FSK Channel	1	867.5	50000	125