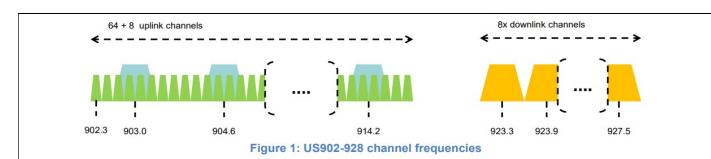
US 902-928 (US915.x)
Detalhamento das Faixas de Frequências US902-928

	o das Faixas de Frequências US902-928	T = =	I	I
Link	US902-928 MHz {Sub-banda}	Data Rate	Config LoRa	[bits /
	(USA, Canadá e América do Sul)			seg]
Upstream	{.a:+0}: [00] 902,3 / [01] 902,5 / [02] 902,7 /			
- 64 canais	[03] 902,9 / [04] 903,1 / [05] 903,3 / [06] 903,5			
- BW 125 kHz	, L J ,			
- DR0 a DR3	{.b:+8}:[00] 903,9 / [01] 904,1 / [02] 904,3 /			
- Coding Ra				
4/5	905,1 / [07] 905,3			
- incremento	(
200 kHz	[03] 906,1 / [04] 906,3 / [05] 906,5 / [06] 906,7			
	/ [07] 906,9			
	{.d:+24}: [00] 907,1 / [01] 907,3 / [02] 907,5 /			
	[93] 907,7 / [04] 907,9 / [05] 908,1 / [06] 908,3	DR0	SF10 / 125 kHz	980
	// [07] 908,5	DR1	SF9 / 125 kHz	1.760
	{.e:+32}: [00] 908,7 / [01] 908,9 / [02] 909,1 /	DR2	SF8 / 125 kHz	3.125
	[03] 909,3 / [04] 909,5 / [05] 909,7 / [06] 909,9	DR3	SF7 / 125 kHz	5.470
	/ [07] 910,1			
No Brasil estas	{.f:+40}: [00] 910,3 / [01] 910,5 / [02] 910,7 /			
frequências estão	[03] 910,9 / [04] 911,1 / [05] 911,3 / [06] 911,5			
reservadas para	/ [07] 911,7			
outro serviço.	{.g:+48}: [00] 911,9 / [01] 912,1 / [02] 912,3 /			
NÃO usar!	[03] 912,5 / [04] 912,7 / [05] 912,9 / [06] 913,1			
Titlo usur.	/ [07] 913,3			
	{.h:+56}: [00] 913,5 / [01] 913,7 / [02] 913,9 /			
	[03] 914,1 / [04] 914,3 / [05] 914,5 / [06] 914,7			
	/ [07] 914,9			
Upstream	[00+(64)] 903,0			
- 8 canais	[01+(64)] 904,6			
-BW 500 kHz	[02+(64)] 906,2			
- DR4	[03+(64)] 907,8	DR4	SF8 / 500 kHz	12.500
- Coding Ra		DR5:7	RFU	
4/5	[05+(64)] 911,0			
- incremento				
1,6 MHz	[07+(64)] 914,2	DDO		000
Downstream	[0] 923,3	DR8	SF12 / 500 kHz	980
- 8 canais	[1] 923,9	DR9	SF11 / 500 kHz	1.760
- BW 500 kHz - DR8 a DR13	[] /	DR10 DR11	SF10 / 500 kHz	3.900
	[] /		SF9 / 500 kHz SF8 / 500 kHz	7.000 12.500
- incremento 600 kHz	[] /	DR12 DR13	SF7 / 500 kHz	21.900
OUU KMZ	[5] 926,3	DR13 DR14	RFU	
	[6] 926,9		LoRaWAN	
IICA Canala	[7] 927,5 e outros: FCC - Part15 regulations in 902-928 ISM ba	DR15		
USA, Canada e	tourios. PCC - raitio regulations in 902-928 ISM Da	ııı u		



Modulation	Sync word	Preamble length
LORA	0×34	8 symbols

The following parameters are recommended values for the US902-928 band.

RECEIVE_DELAY1 1 s

RECEIVE_DELAY2 2 s (MUST be RECEIVE_DELAY1 + 1s)

 JOIN_ACCEPT_DELAY1
 5 s

 JOIN_ACCEPT_DELAY2
 6 s

 MAX_FCNT_GAP
 16384

 ADR_ACK_LIMIT
 64

 ADR_ACK_DELAY
 32

ACK_TIMEOUT 2 +/- 1 s (random delay between 1 and 3 seconds)

TXPower	Configuration (conducted power)
0	30 dBm – 2*TXpower
1	28 dBm
2	26 dBm
3:13	
14	2 dBm
15	Defined in LoRaWAN

Table 13: US902-928 TX power table

