



## Diagramas de conexões do H2000

**Maio 2024**

## Objetivo

Este documento visa ilustrar as conexões do H2000 com seus respectivos periféricos, como Antenas Pannel, Antena de GPS, Protetor de Surto, Rede elétrica e Rede de dados.

**ATENÇÃO ANTES DE ENERGIZAR O RÁDIO H2000!!!**

**CERTIFIQUE-SE DE QUE AS ANTENAS ESTÃO DEVIDAMENTE  
CONECTADAS E QUE A FONTE DE ENERGIA ESTÁ DE ACORDO COM  
O PADRÃO DESCRITO NA ETIQUETA DO RÁDIO (VAC BIVOLT ou VDC  
-48V)**

## Modelos e interfaces do H2000



Rádio TDD.

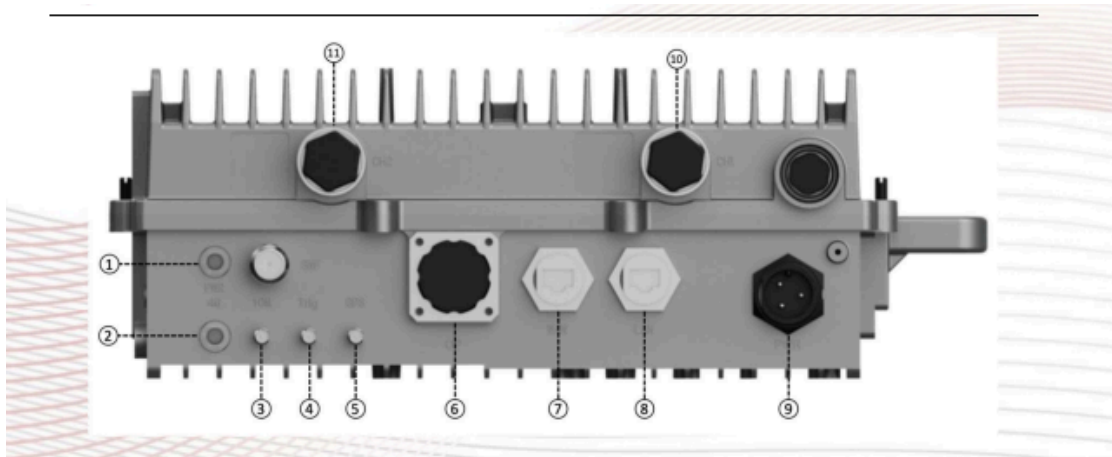
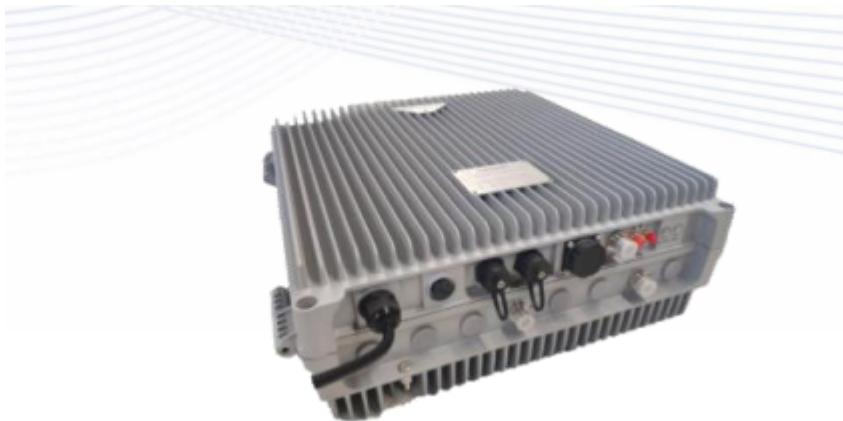


Figure 2-2 Front Panel of the High-power Integrated Base Station

No.	Interface Name	Description
1	PWR light	Power-on indicator light
2	4G light	Active cell indicator light
3	10M	10M input interface (for testing)
4	Trig	Trig signal output port (for testing)
5	GPS	SNIFF interface for GPS synchronization
6	OP	Optical port backhaul interface
7	WAN	Backhaul network port, connected to the core network
8	LAN	Local commissioning network port, used to log in to the local web or telnet
9	PWR	Power supply interface
10	CH1	LTE RF output port 1
11	CH2	LTE RF output port 2

Imagem retirada do manual do Rádio H2000, no modelo TDD.



Rádio FDD

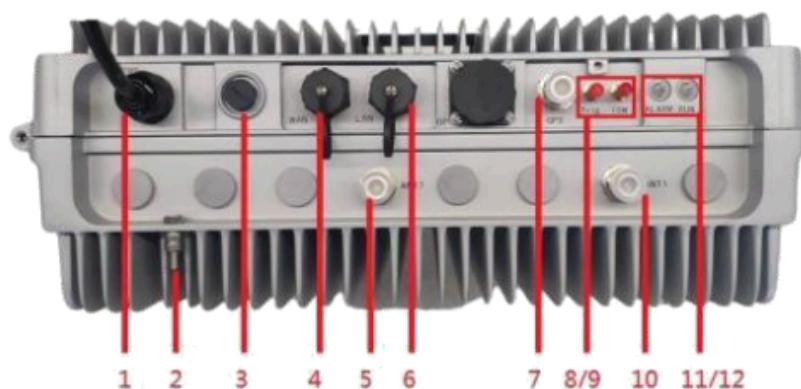


Figure 2-2 Device interface description of the High-power Integrated Base Station

No.	Interface Name	Description
1	POWER	Power input interface
2	Ground protection	Ground protection
3	Breather valve	Breather valve
4	WAN	Backhaul interface
5	ANT2	Antenna 2 interface
6	LAN	Maintenance operation interface
7	GPS	GPS interface
8	Trig	Trig calibration interface (for test)
9	10M	10M calibration interface (for test)
10	ANT1	Antenna 1 interface
11	ALARM	Alarm indicator
12	RUN	Running lights

Imagem retirada do manual do Rádio H2000, no modelo FDD.

## Diagramas

1. Conexão com a Infraestrutura da torre:

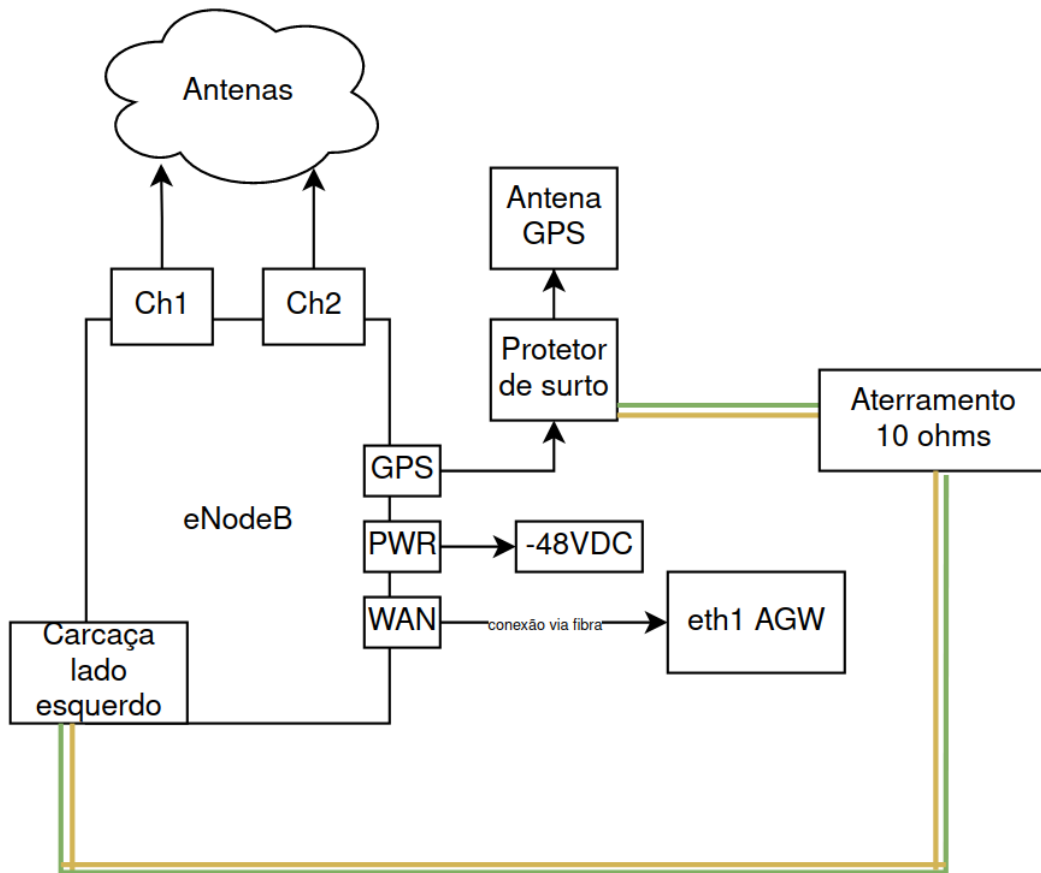


Diagrama para conexão com a infraestrutura da torre e também com a Antena de GPS.

## 2. Conexão das Antenas:

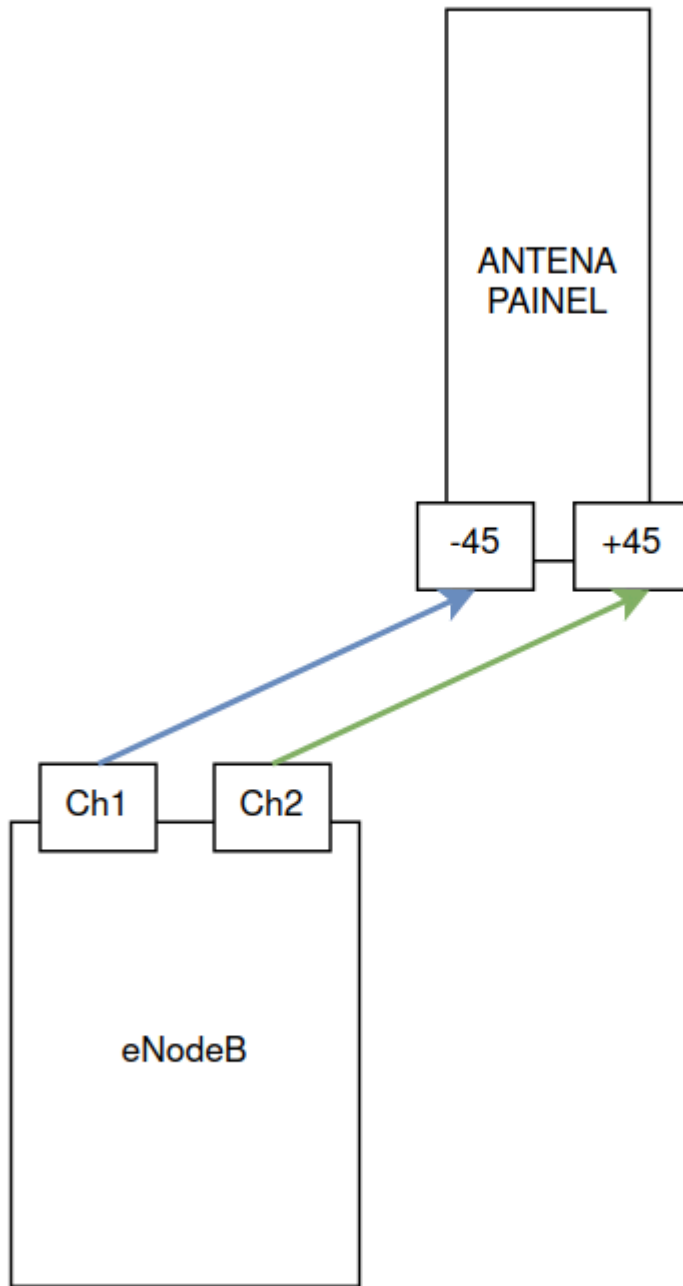


Diagrama para conexão de uma antena painel MIMO 2x2, ou 2T2R.

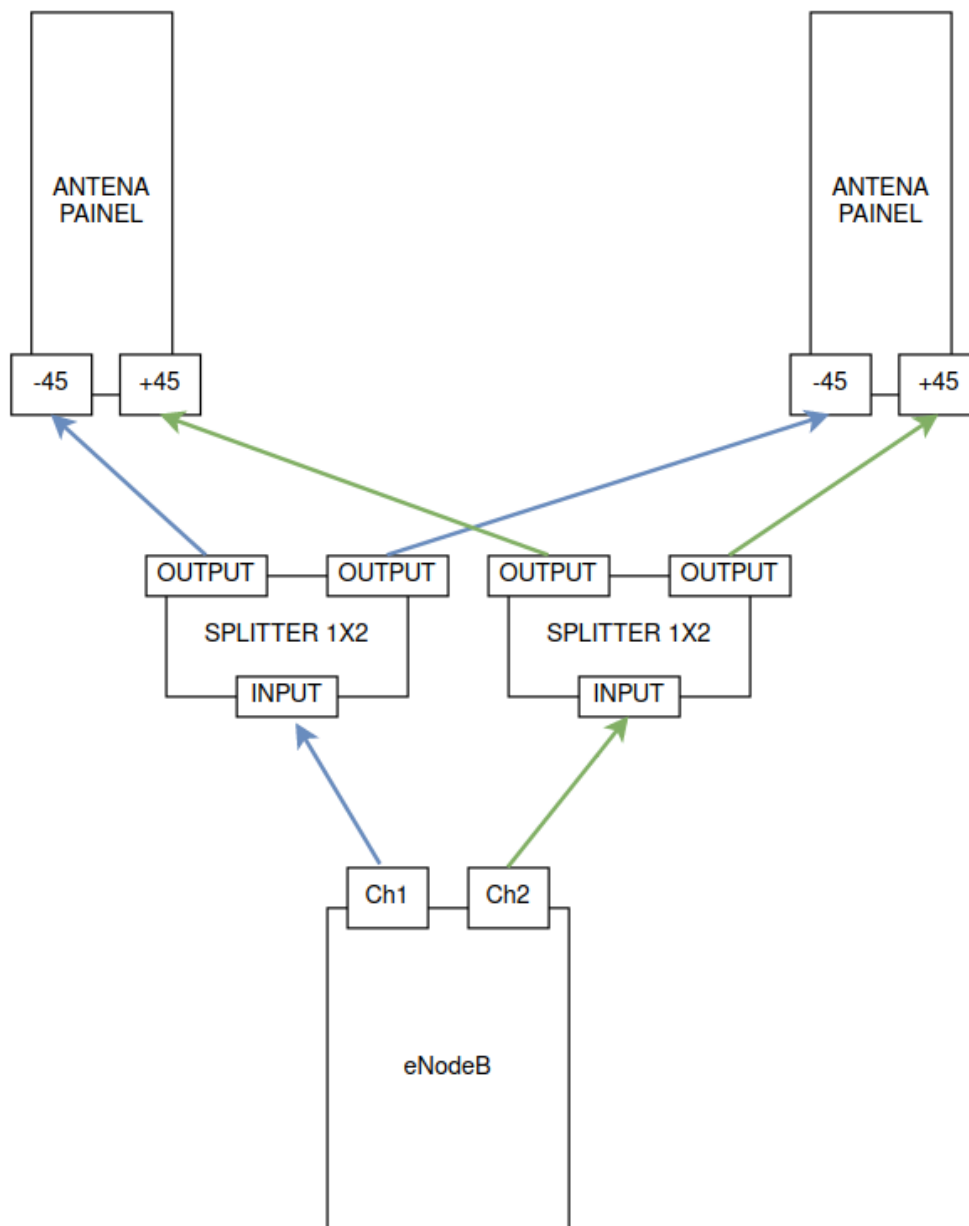


Diagrama para conexão de duas antenas painel MIMO 2x2, ou 2T2R, com splitters 1x2.

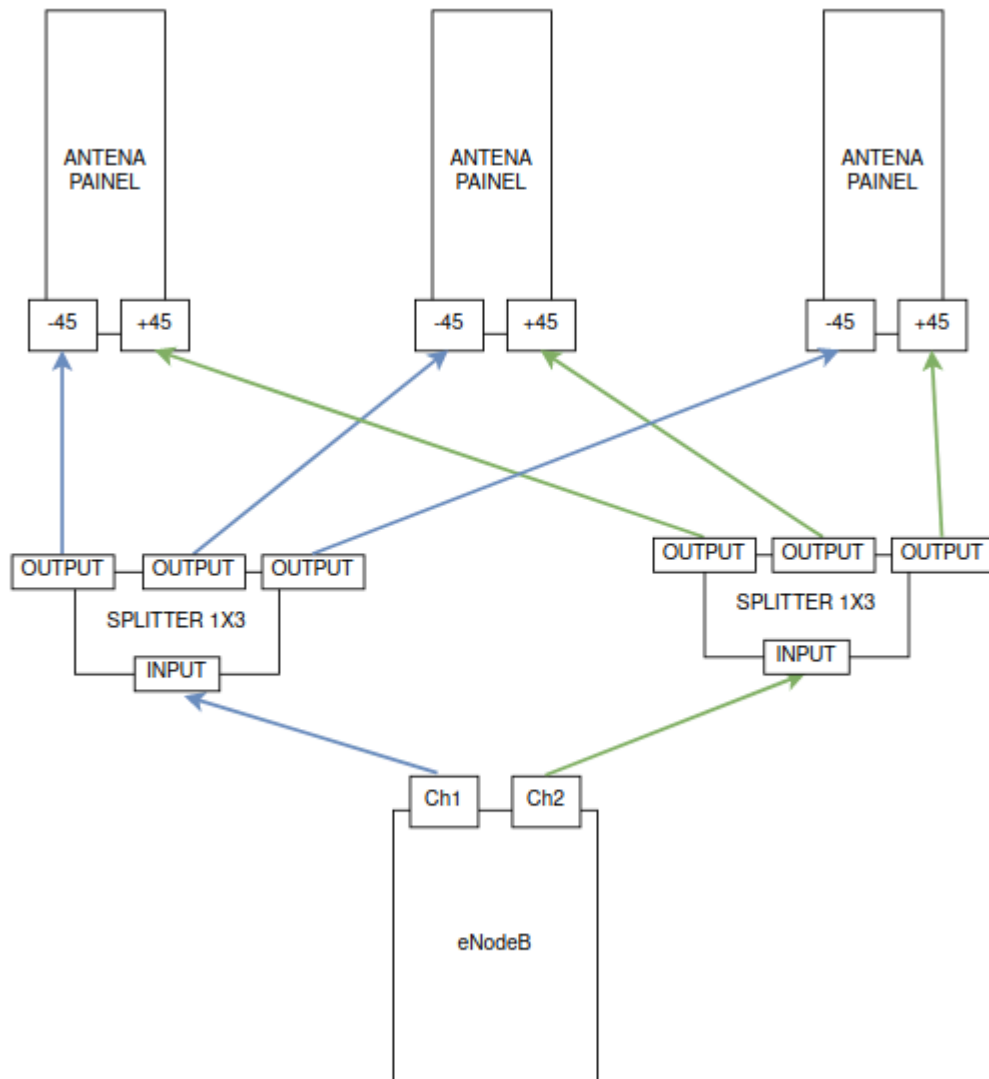


Diagrama para conexão de três antenas painel MIMO 2x2, ou 2T2R, com splitters 1x3