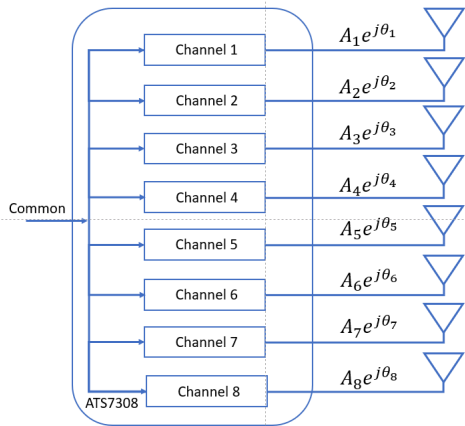


Testing antenna array systems poses challenges, including the precise control of amplitude and phase over a wide range of scanning angles. As the array size increases, accurately calibrating a large number of individual stimuli becomes complex. The antenna testing system (ATS7308), patent application no. 202421069084, simplifies this by providing calibrated signals with precise control over the amplitude and phase at the individual ports. Accompanied by a comprehensive user interface, the ATS unit allows users to easily condition the signals at the ATS unit for numerous configurations and applications.

## 8-channels ATS unit



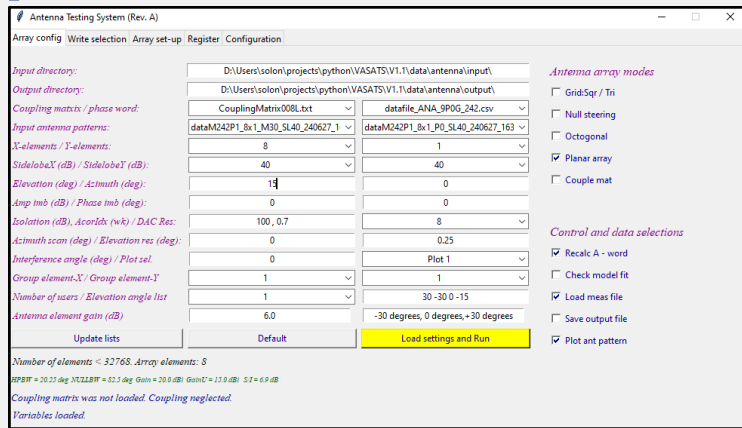
## Functional diagram



## Key features

- 8-channels system
- Accurate phase and amplitude vectors
- Amplitude calibrated signals
- Phase calibrated signals
- Programmable interface
- USB interface
- 12 V power supply signals

## Configuration software

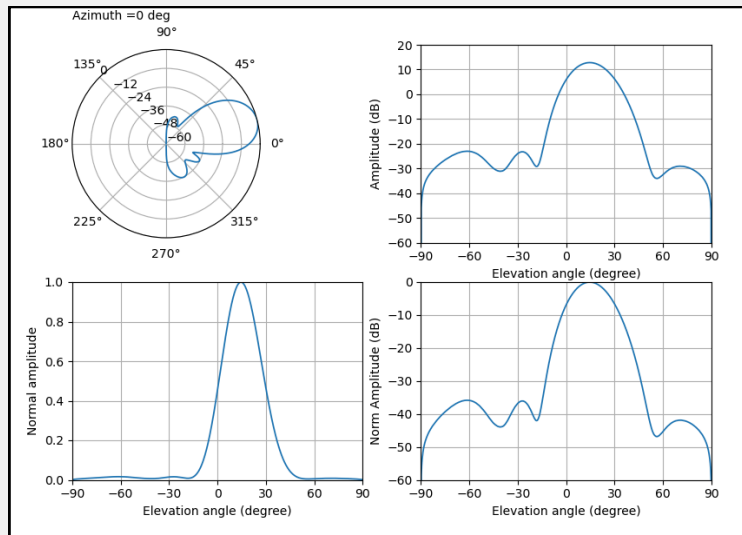


## Product family

Sr. No.	Part Number	Frequency Band (GHz)	Channels
1	ATS7308L	0.5 - 3.2	8
2	ATS7308C	3.0 - 6.2	8
3	ATS7308X	8.0 - 10.5	8
4	ATS7308K	10.7 - 14.8	8
5	ATS7308KU	15.0 - 17.5	8

**Note:**

The ATS is available in 8 Transmit, 8 Receive or 4 Tx/Rx mode. Please mentioned mode of operations when ordering the product.



## Delivery package

- ATS hardware
- Configuration software
- USB cable
- 12 V charger

## Applications

- Antenna systems
- Phase arrays

## Benefits

- Compact single unit for accurate signal conditioning to antenna array.

