

P/N: AMT-SPA-5060-20L-SPO

1- Specifications

Row	Parameter	Value			Unit
		Min	Typ	Max	
1	Frequency range	5		6	GHz
2	Output peak power	44			dBm
3	Average power (OFDM/COFDM, PAR 8dB)	36			dBm
4	ACLR (20MHz signal bandwidth)			-30	dBc
5	IMD (two tone signal, 33dBm/Tone, 1MHz spacing)			-30	dBc
6	Linear Gain		36		dB
7	Gain Flatness			±1.5	dB
8	Input VSWR			2:1	
9	Max. Input power level (no damage)			10	dBm
10	Spurious signals			-60	dBc
11	Operating voltage		+50		V
12	Operating current @ 36dBm		1		A
13	Input and output RF Impedance		50		Ω

2- Mechanical specification

Row	Parameter	Value
1	Dimension	19 inch rack, 2U height
2	Weight	6 Kg maximum
3	RF connector input	Type-N, Female
4	RF connector output	Type-N, Female
5	Power Supply	Round connector (Plug will supply)
6	Communication	Round connector (Plug will supply)
7	Cooling	Build in forced air

4- Environmental characteristics

Row	Parameter	Value
1	Operating temperature	-20~+55°C
2	Non- operating temperature	-30~+65°C
3	Vibration	20~500 Hz, 0.015g ² /Hz, 1.56g rms
4	Shock	20G @ 6ms in 6 axis, 3 times each axis

5- Protection

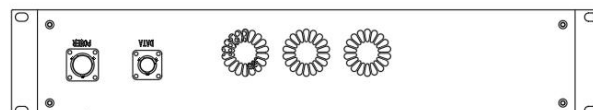
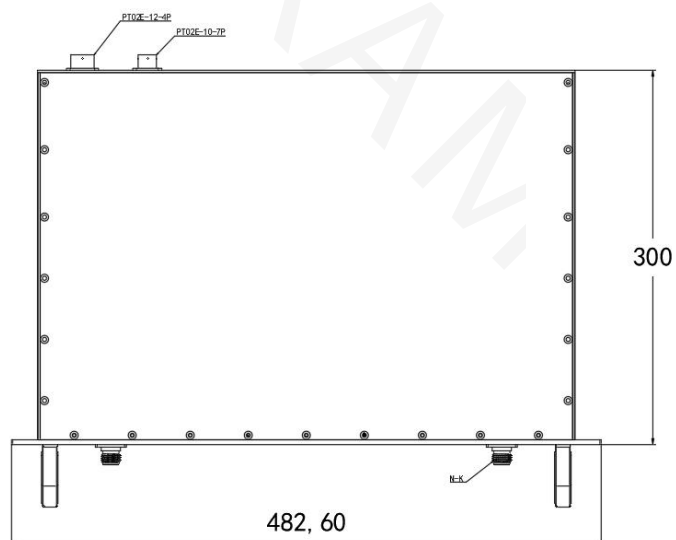
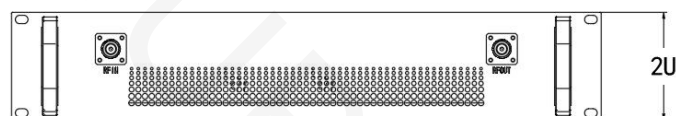
Row	Parameter	Function
1	Over temperature	T>75 ° , shut down
2	Over operating current	Shut down
3	Over operating voltage	Shut down
4	Over output VSWR	Shut down

6- Monitoring

These parameters can be monitored by RS422 serial port:

- Operating voltage;
- Operating current;
- Input power;
- Output power;
- Output VSWR;
- Operating temperature;

7- Dimensions



Unit: mm

Connectors can be changed to front or rear panel according to requirements of customer.