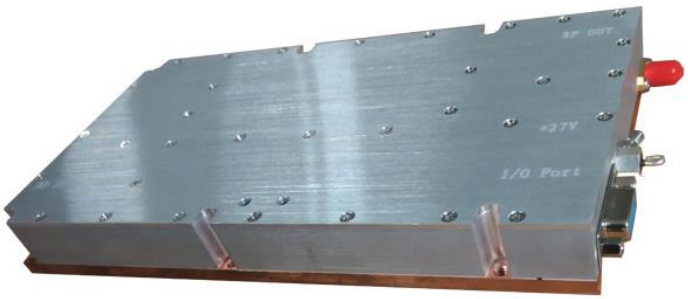
RF Power Amplifier AAM-24100

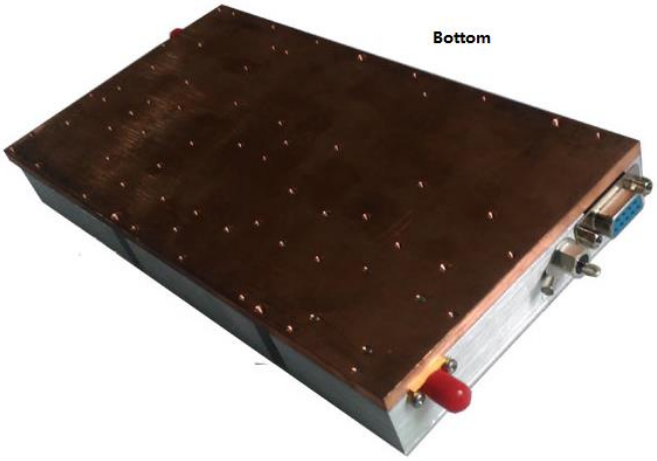
(LTE2400, 100W)

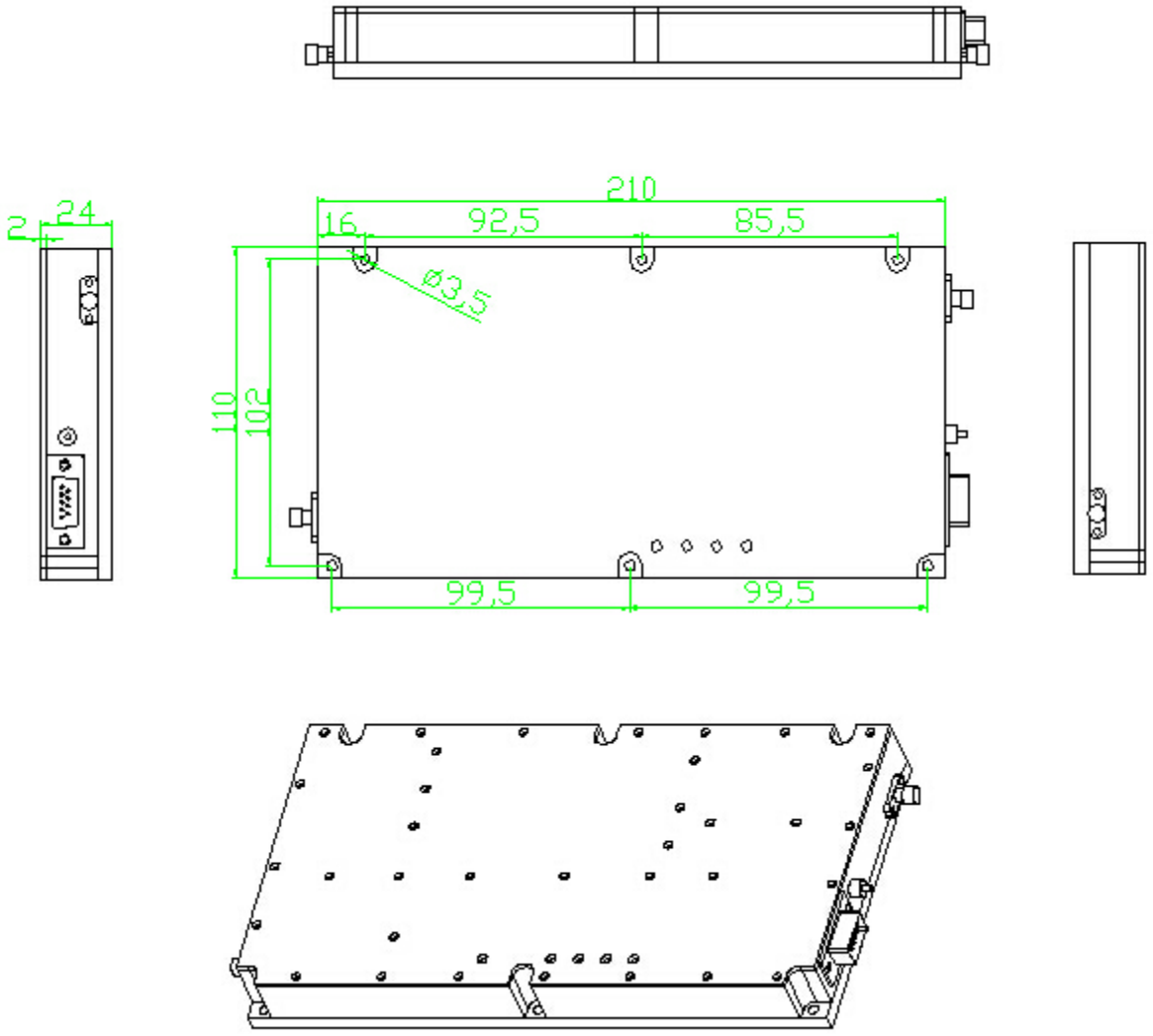
No.	Item		Specification
1	Frequency Range		2400-2500MHz
2	Gain		50dB
3	Max RF Output Power		50dBm
4	Gain Adjust Range		31dB
5	Gain Adjust Step		1dB
6	In-Band Ripple		2dB
7	Input/Output VSWR		Less 1.5
8	Working Voltage		27VDC
9	Working Current		11A
10	RF Input/ Output Ports		SMA-Female
11	Dimension		210x110x25mm
12	Weight		2kg
13	Power Supply Interface		Pull-core Capacitance
14	Other		Shut-down over High VSWR,or over High temperature; auto-restart after 30second
15	I/O Port	DB9 Male	RS485 (With free PC software)
			Setting: ON/OFF, ATT, Gain, Alarm Temperature, Alarm VSWR;
			Monitoring: RF Power, VSWR, Temperature, ATT, Gain, Alarms
		DB15 Female	PIN1: 1dB Attenuation(Hang in air or add 5VDC: No attenuation; Grounding: attenuation)
			PIN2: 2dB Attenuation(Hang in air or add 5VDC: No attenuation; Grounding: attenuation)
			PIN3: 4dB Attenuation(Hang in air or add 5VDC: No attenuation; Grounding: attenuation)
			PIN4: 8dB Attenuation(Hang in air or add 5VDC: No attenuation; Grounding: attenuation)
			PIN5:16dB Attenuation(Hang in air or add 5VDC: No attenuation; Grounding: attenuation)
			PIN7: V/L, VSWR (Reflected RF Power; Max voltage:4V)
			PIN10:P/L (Output RF Power; Max voltage:4V)
			PIN11: LE :Enable, High Level: OFF; Low Level: ON
			PIN14: T/LTemperature:0.02V/1 Celsius ， 0.3V for 30 Celsius
			PIN15: GND
			PIN6, PIN8, PIN9, PIN12, PIN13 : NC

Top



Bottom




210
16
92,5
85,5
Ø3,5
110
102
2
24
99,5
99,5