

认证申请资料

一、Chip specification

- 1. Key component name: Bluetooth chip;
- 2. Model number: J0013;
- 3. specification:
 - 1. 2.4GHz RF SOC;
 - 2. Single-end RFIO;
 - 3. -93dBm in BLE mode;
 - 4. support 250kbps, 1Mbps data rates;
 - 5. AES128 HW encryption;
 - 6. SOP16;

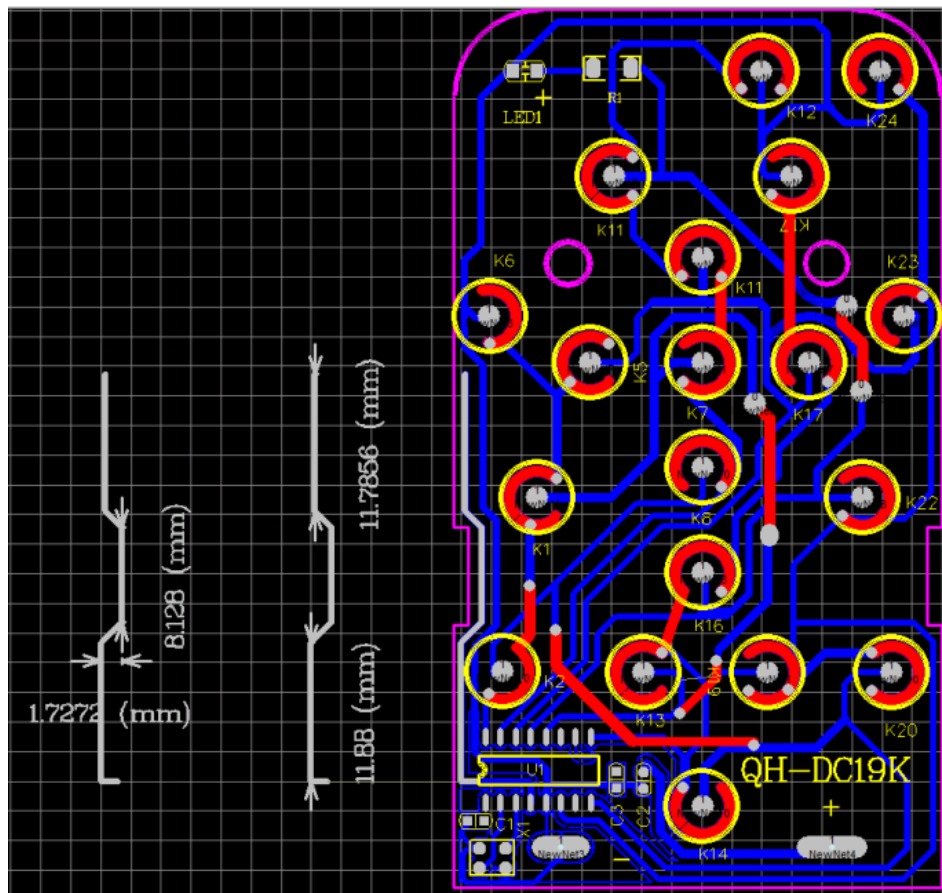
二、Antenna specification

- 1. Key component name: antenna;
- 2. Antenna model/type: PCB onboard antenna;
- 3. Number of antennas: Single antenna;
- 4. Antenna specification: gain not more than 1.5dbm;
- 5. Antenna gain: 2.4GHz antenna is less than 1.5dBi;
- 6. Line loss: 2.4GHz antenna 1.7dB (can be modified according to the actual situation);
- 7. Transmit power: 2.4GHz: ≤3dB;

三、Global parameter

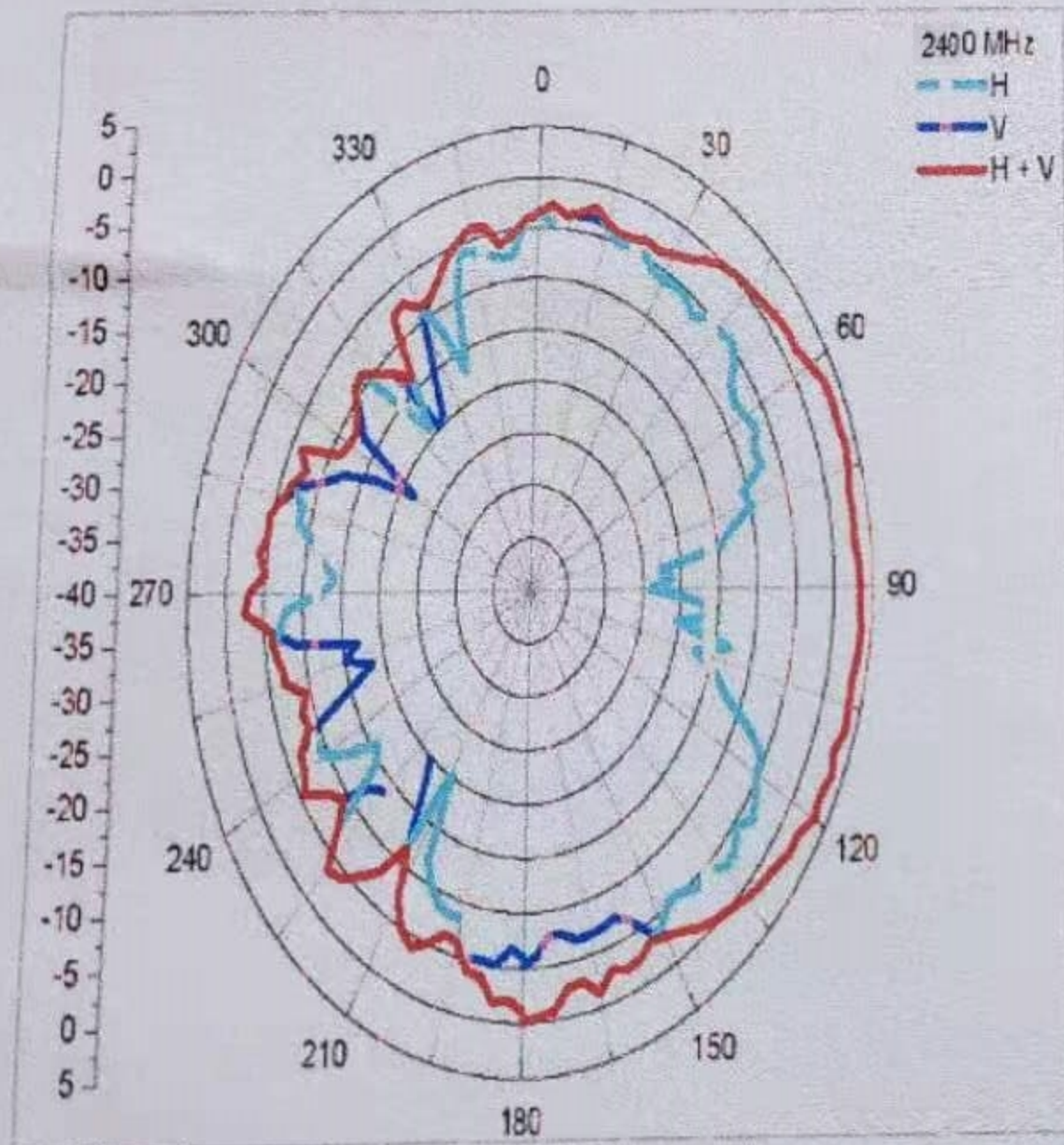
No.	Parameter	Customer field
1	Operation Frequency Range	2400-2480MHz
2	Use technical standards	2.4G
3	Channel Number or List	1
4	Channel Separated	2MHz
5	Modulated Type	GFSK
6	Antenna Type (Integrate or no)	PCB antenna

7	Channel	0
8	Frequency (MHz)	2402
9	Occupied bandwidth	2MHz/channel



L: 75.26mm,W: 41.25mm,Plate thickness: 1.0mm

天线增益图



[Radiated Pattern diagram]

♣ request the information

1. radiation pattern diagram with dBi Value
2. radiation pattern diagram test company
3. Antenna Manufacture
4. Antenna Gain (Peak Gain with dBi Value)
5. Antenna type
6. Antenna length & photo(If it needed)
7. Polarization & Directional characteristic
8. Antenna model number

♣ For most of "Extra-low output device, the antenna pattern diagram should be submitted.