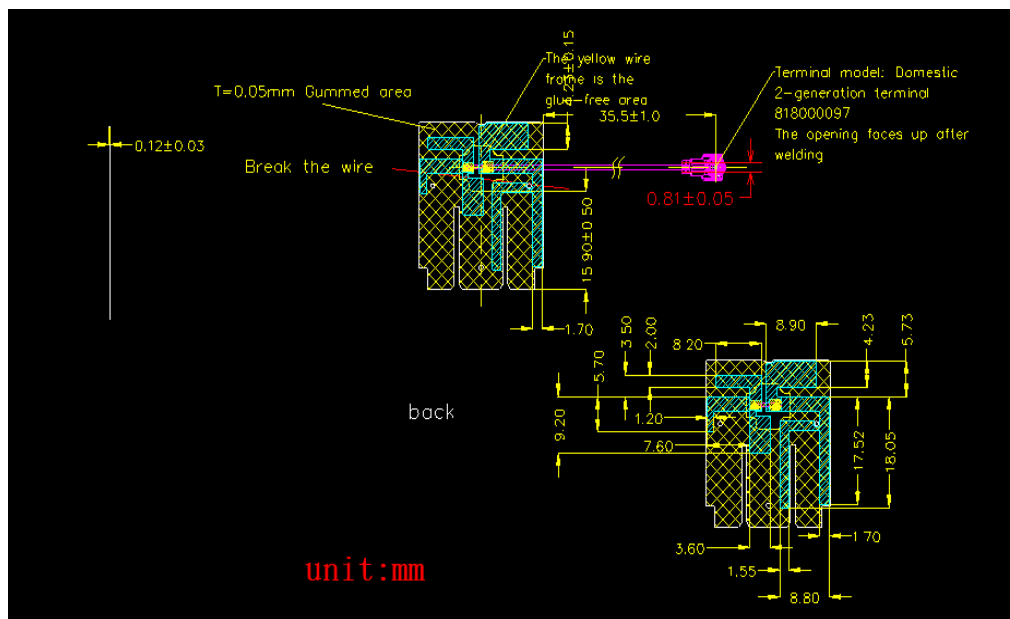
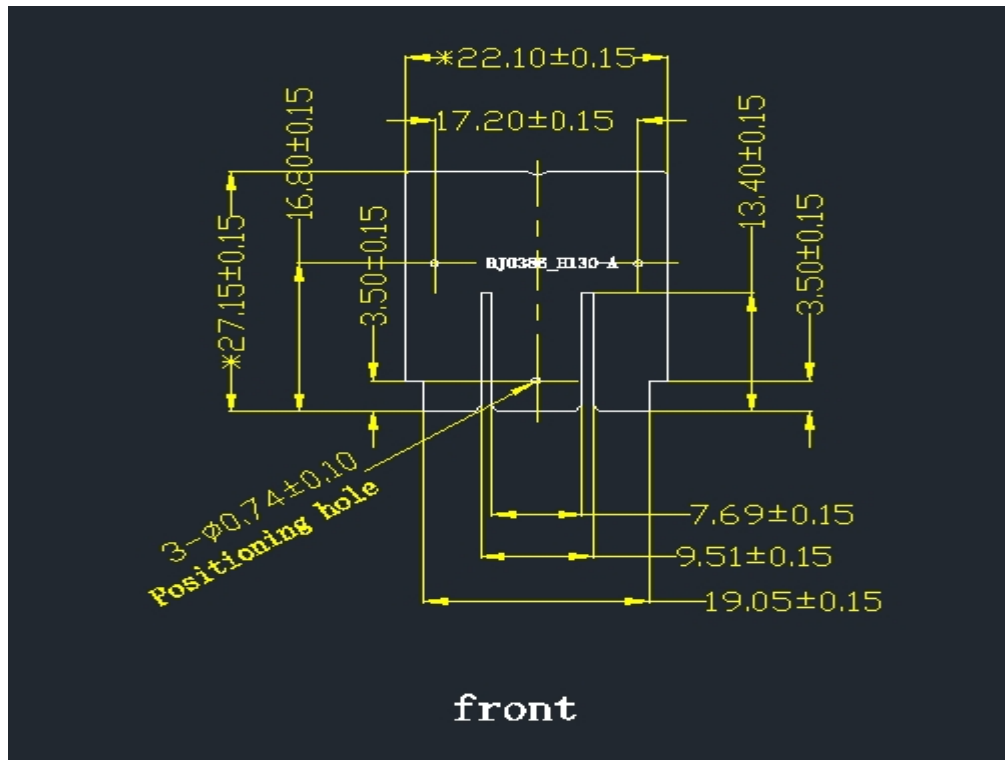
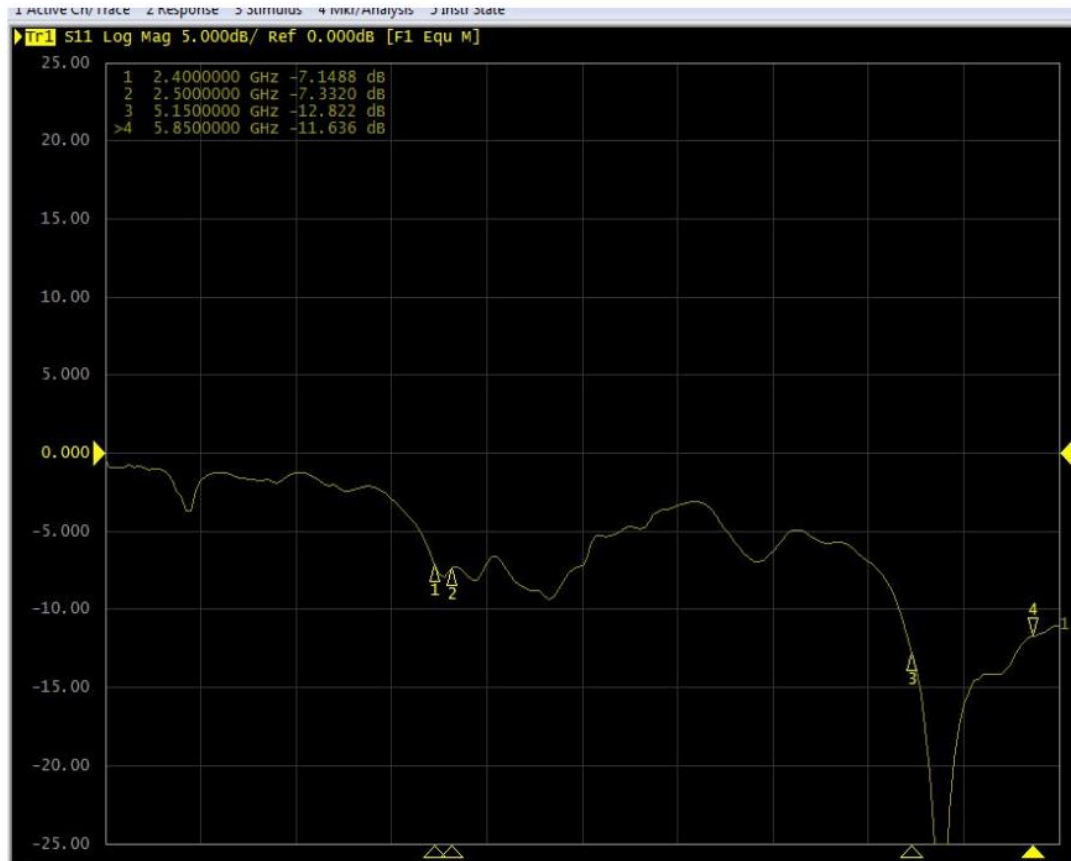


H130 Antenna Spec-20230301 _en

1. Size (Unit: mm)



2. Antenna return loss



3. Efficiency、Gain(2.4G peak gain -1.4dBi, 5G peak gain2.81dBi)

Freq	Gain	Efficiency_Pcent
2400	-1.73	28.34
2410	-1.66	27.88
2420	-1.63	27.93
2430	-1.67	27.19
2440	-1.66	26.62

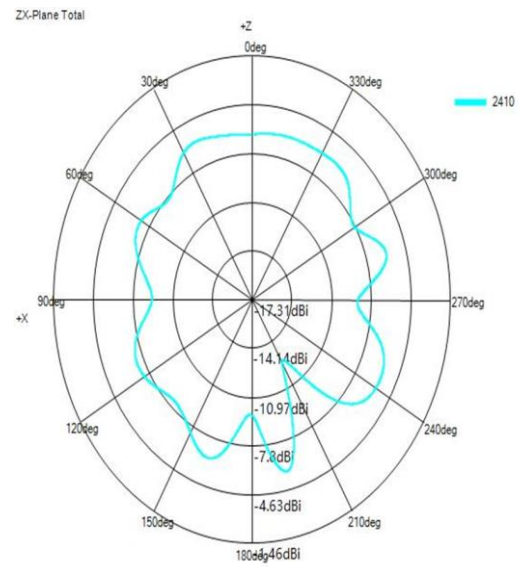
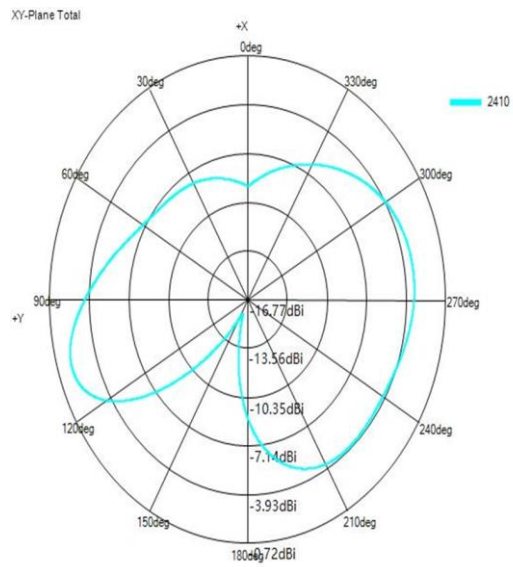
2450	-1.63	26.31
2460	-1.57	26.28
2470	-1.48	26.97
2480	-1.4	27.21
2490	-1.4	27.29
2500	-1.61	26.79
5100	2.31	55.19
5110	2.3	54.77
5120	2.36	54.88
5130	2.28	53.06
5140	2.2	51.87
5150	2.18	51.84
5160	2.19	52.19
5170	2.28	53.56
5180	2.28	53.57
5190	2.26	53.86
5200	2.35	55.17
5210	2.37	56.38
5220	2.41	57.88
5230	2.35	57.56
5240	2.24	56.33
5250	2.11	55.58
5260	2.01	55

5270	2.01	55.78
5280	2.02	56.01
5290	1.94	56.65
5300	1.82	54.89
5700	2.96	65.02
5710	2.91	65.26
5720	2.81	63.91
5730	2.77	64.34
5740	2.48	60.32
5750	2.43	60.51
5760	2.34	59.35
5770	2.23	58.67
5780	2.12	57.24
5790	2	56.02
5800	2.03	56.69
5810	2.1	58.72
5820	2.23	60.32
5830	2.18	59.39
5840	2.06	58.25
5850	1.91	56.94

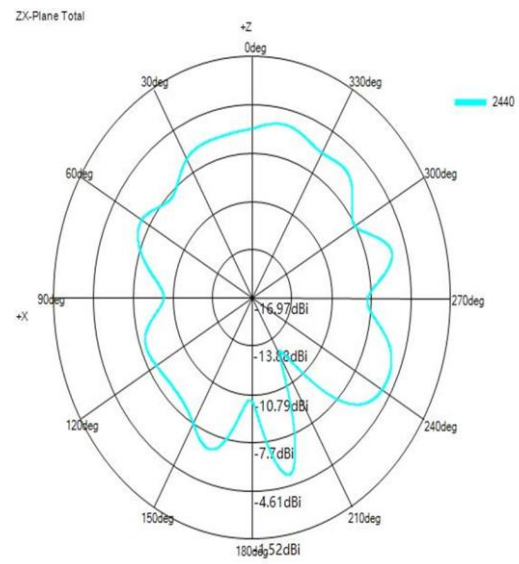
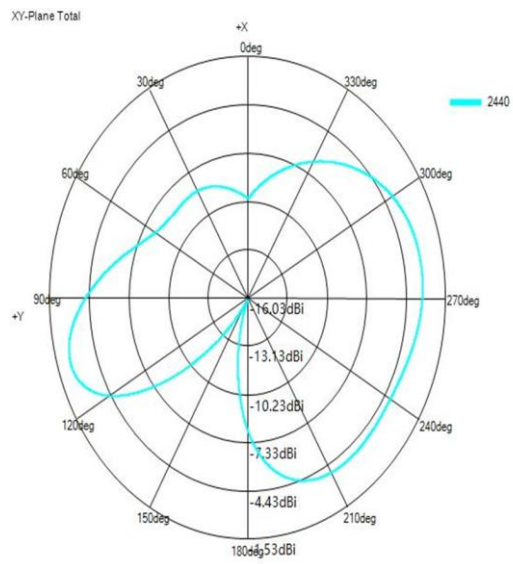
Directivity Diagram

2.4G

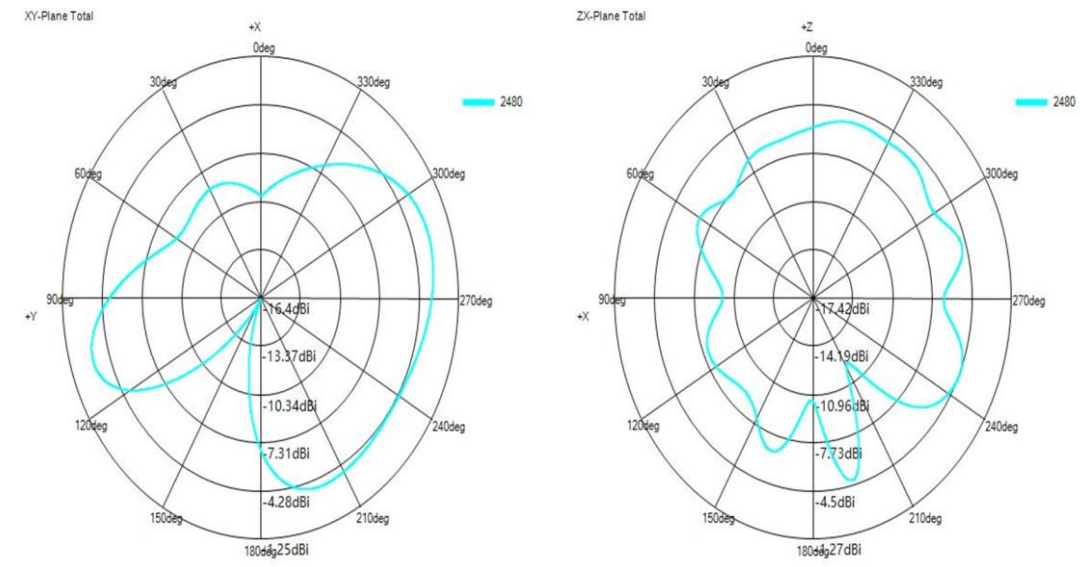
CH2410



CH2440

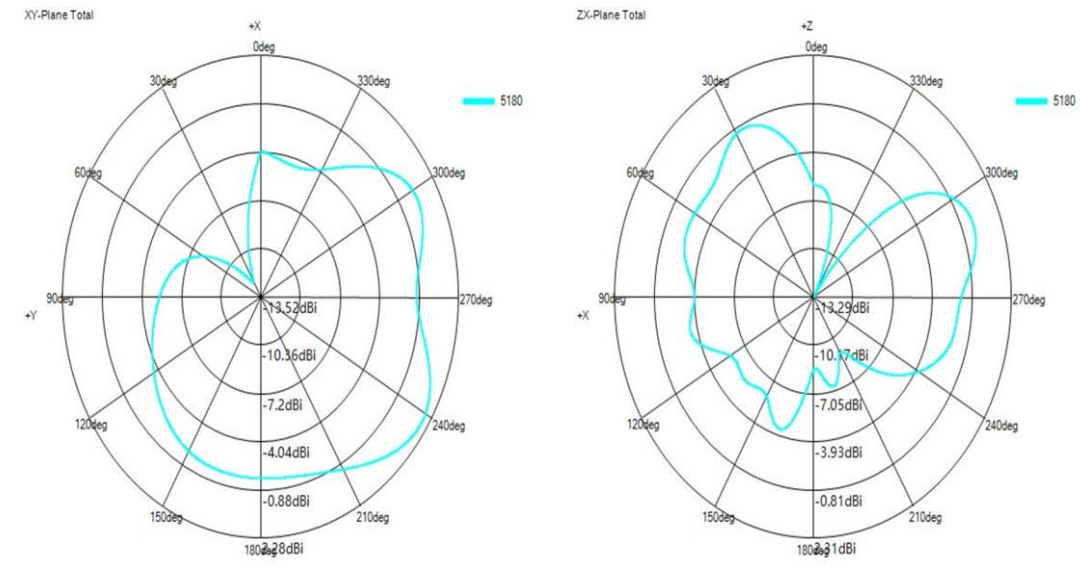


CH2480

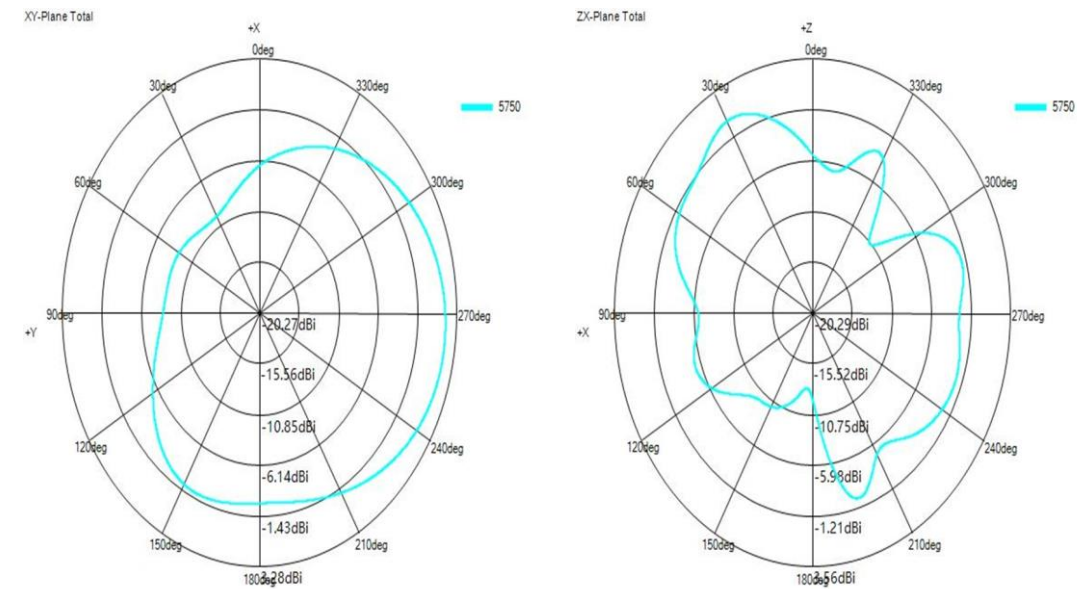


5G

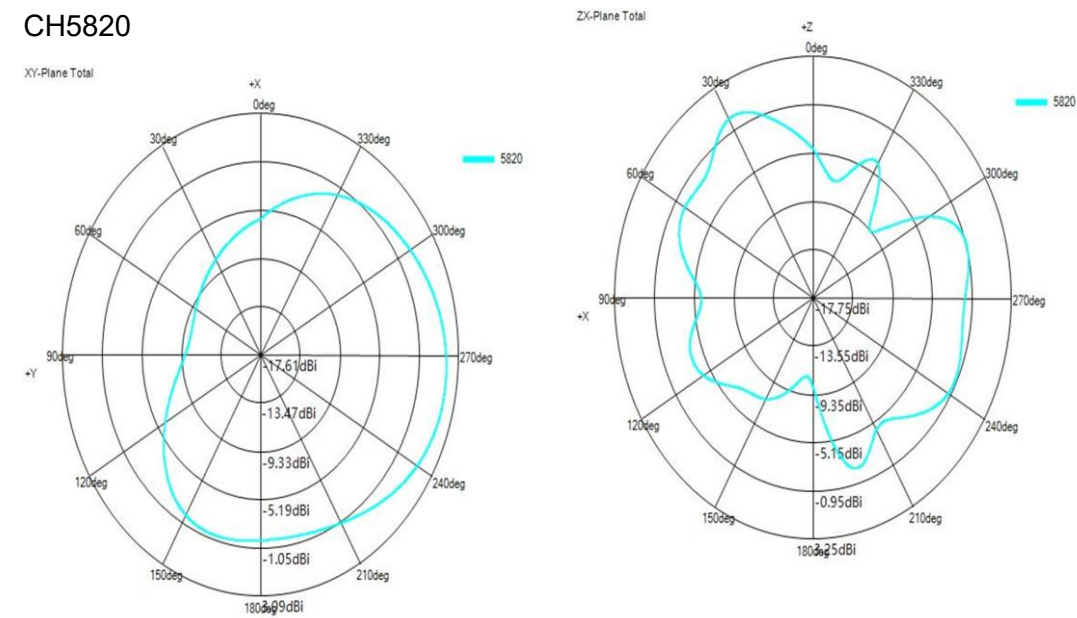
CH5180



CH5750



CH5820



4. Manufacturer: Zhejiang Haitong communications electronic Limited by Share Ltd Beijing branch

5. Antenna Type: FPC antenna

6. RF cable loss

2.4G: 0.3dB

5G: 0.5dB

7. RF Key Components List

RF Key Components list					
Serial number	Key Components	Type	Size	Manufacturer	Note
1	Antenna	BJ0386_HI130-A5	HI130_ANT FPC+cable 49.5mm+-1.0mm--- HI130_ANT_FPC+cable	Zhejiang Haitong communications electronic Limited by Share Ltd Beijing branch	
2	IC	WCN3980	3.07mm*3.79mm*0.55mmMAX	Qualcomm	
3	IC	SKY13351-378LF(SPDT Switch)	1.00mm*1.00mm*(0.50mm-0.41mm)	Skyworks	
4	IC	DPXI05950DT- 6112A1(Diplexer)	1.00±0.05mm*0.50± 0.05mm*0.33mmMAX	TDK	
5	IC	B8857(Filter)	4.1±0.01mm*0.9±0.1mm*0.7mmMAX	TDK	
6					
7					
8					
9					