

Annex 1 of the “NOTIFIED BODY STATEMENT OF OPINION”

Product Characteristics

Model:			
Transmitter Frequency:			
Receiver Frequency:			
RF-Output Power (E.I.R.P):			
Type of Modulation:			
Antenna information:	Antenna Name	Model(s)/Type(s)	
		Model/Part Number:	D0861
		Manufacturer:	SUNNYWAY
		Frequency Range:	W/G/BT:1575.42Mhz/24002500Mhz/5150-5850Mhz
	RF Antenna Assembly	Maximum Gain	W/G/BT:1575.42Mhz:1.9dBi 2400-2500Mhz: 2 . 0 5 dBi 5150-5850Mhz: 2.2dBi
		Antenna Type/pattern:	W/G/BT:PIFA
	Measurement:	W/G/BT:	

Project information

1、IMEI: 864084060197299

2、Operating frequency band: WiFi B/A GPS

4、Antenna version:

GPS WiFi antenna: V0.5

5、Match Circuit

GPS WiFi antenna

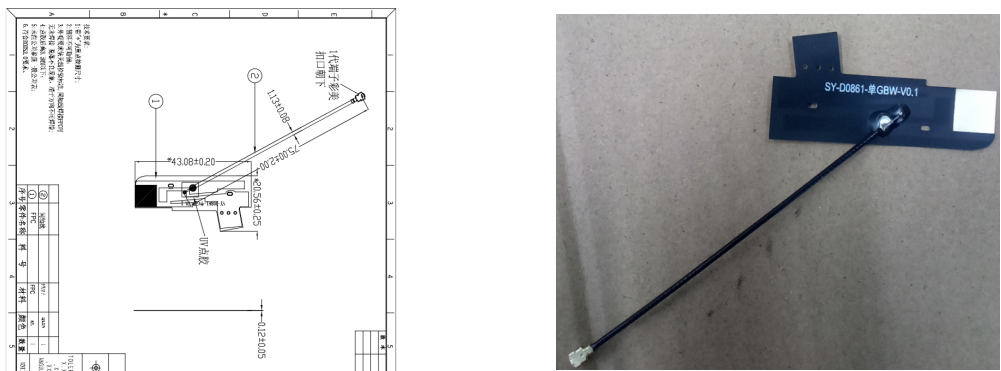
No change

6、open question:

7、Prototype grounding treatment:

Follow the environment of the original machine.

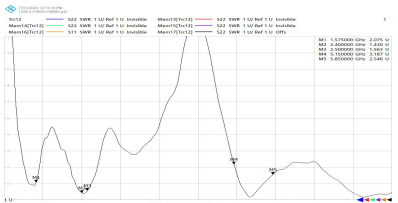
Antenna picture



test data

天线驻波

GPS WIFI



Frequency/MHz	Efficiency / %	Efficiency / %	MaxGain/dBi
1550	45.73	-3.4	1.43
1560	49.63	-3.04	1.64
1570	50.64	-2.96	1.83
1580	51.69	-2.87	1.9
1590	48.64	-3.13	1.89
1600	43.65	-3.6	2.26
2400	47.32	-3.25	1.9
2410	48.21	-3.17	1.76
2420	49.58	-3.05	1.89
2430	49.85	-3.02	1.89
2440	50.93	-2.93	1.65
2450	52.14	-2.83	1.79
2460	51.98	-2.84	1.62
2470	50.39	-2.98	1.79
2480	49.42	-3.06	1.73
2490	47.68	-3.22	1.83
2500	45.82	-3.39	1.81
5150	34.51	-4.62	2.76
5200	35.16	-4.54	3.12
5250	37.54	-4.26	2.26
5300	38.23	-4.18	2.36
5350	39.07	-4.08	2.21
5400	39.45	-4.04	1.68
5450	41.62	-3.81	1.8
5500	40.44	-3.93	1.76
5550	39.69	-4.01	2.14
5600	38.79	-4.11	1.95
5650	36.75	-4.35	1.79
5700	37.81	-4.22	1.64
5750	37.65	-4.24	1.52
5800	38.21	-4.18	1.69
5850	34.05	-4.68	1.66

四、Antenna pattern

GPS WIFI

