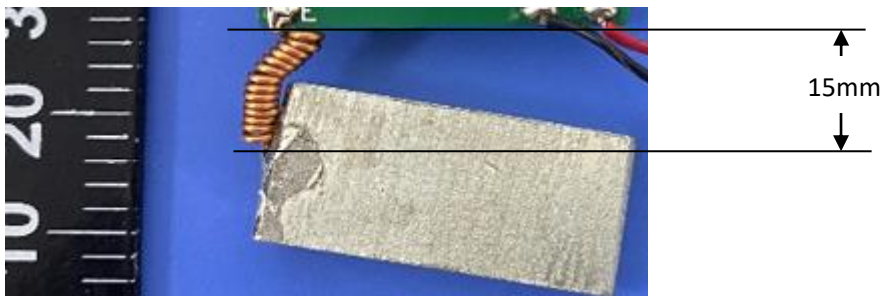


Antenna Description

1. Description

Antenna plate	Internal antenna
Market name/Model name	5401380
Manufacture	GENLUX ELECTRICAL PRODUCTS LTD
Add.	2nd Floor, No. 190 Dongfeng Road, Qingxi Town, Dongguan City, Guangdong Province
Antenna Max. Gain	2.0 dBi Max.
Frequency Range	400~450MHz
Antenna Type	Spring-loaded Antenna
VSWR	1.1
Operating Temperature Range	-40 ~ +85 oC
Storage Temperature Range	40 ~ +85 oC
Storage Period	12 months max.

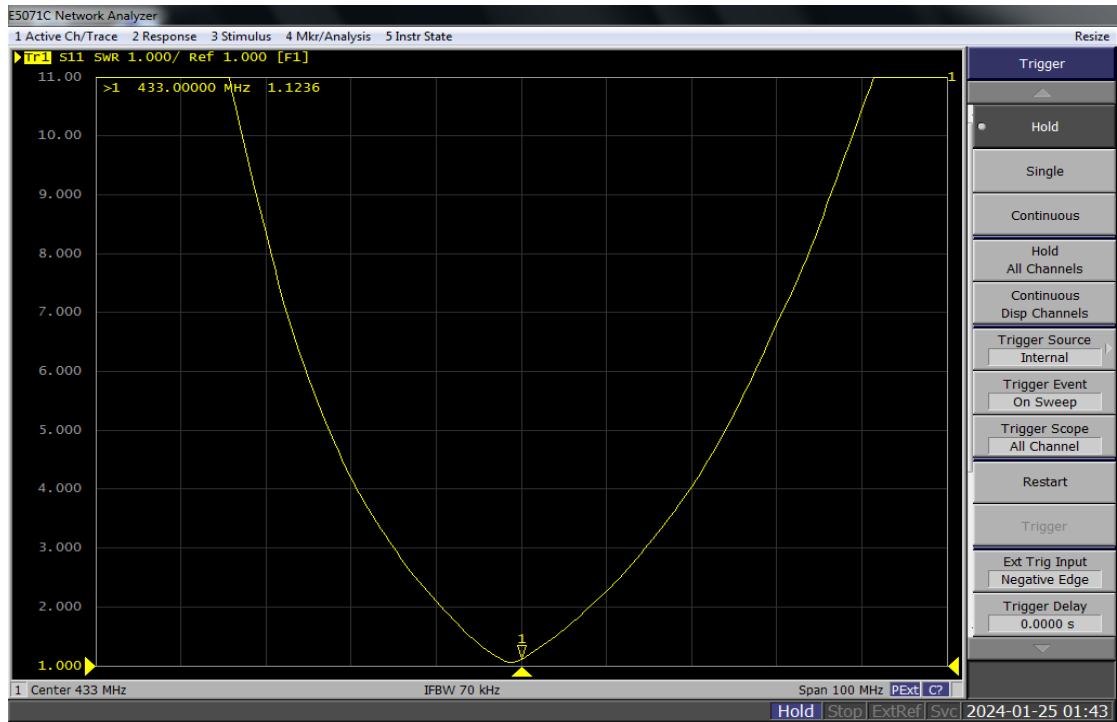
2. Picture of antenna



17mm

3. Measurement Result

3.1 Return Loss



4. Antenna Radiation Pattern

Max.Peak Gain: 2.0dBi

frequency	gain	efficiency
频率(MHz)	增益(dBi)	效率(%)
428	1.42	27.65
429	1.4	27.83
430	1.52	28.31
431	1.78	29.08
432	1.86	29.17
433	2.00	28.44
434	1.62	29.40
435	1.72	28.76
436	1.72	28.69
437	1.41	28.76
438	1.29	28.26

Radiation Pattern

