

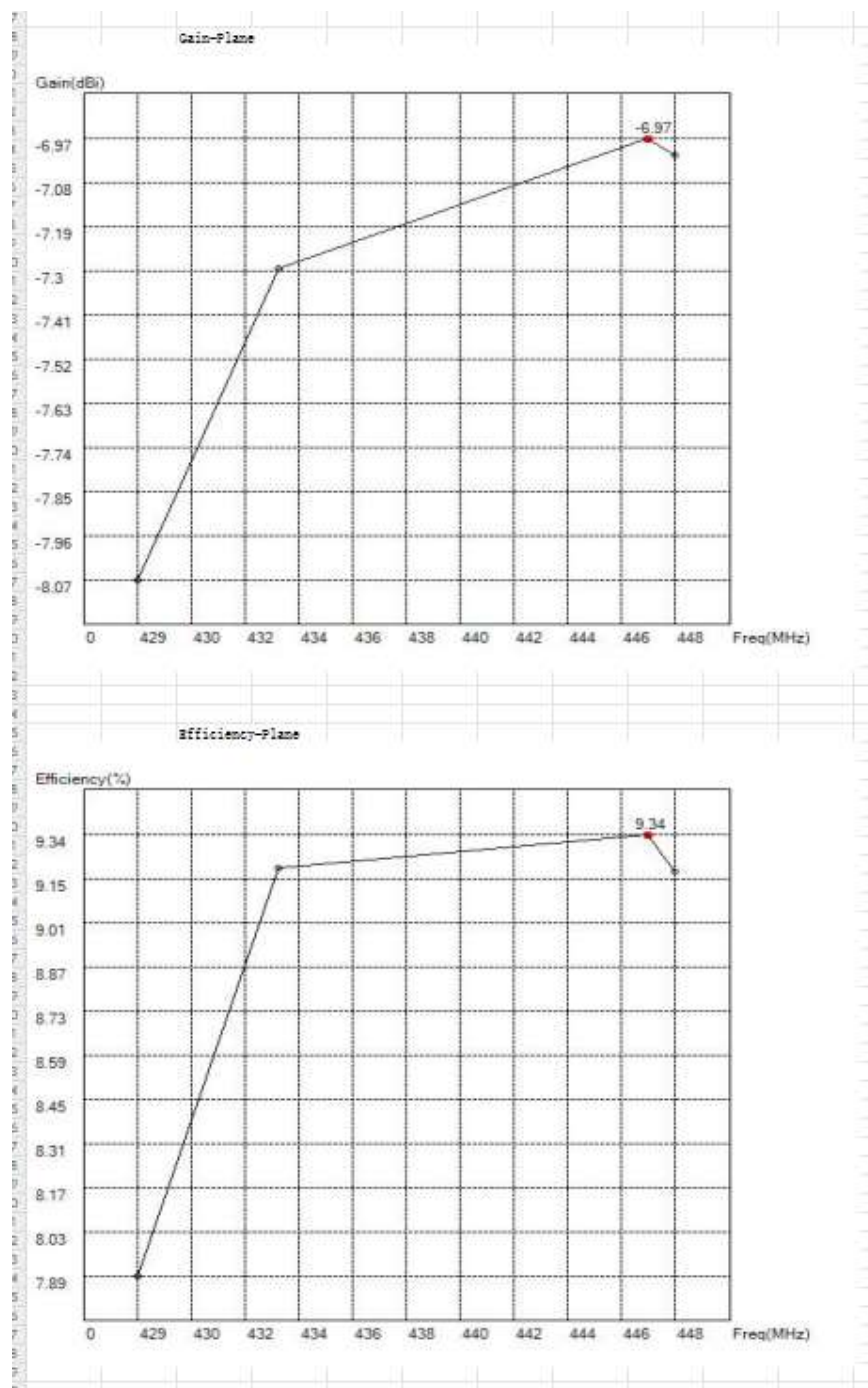
Antenna Spec

1. PCB

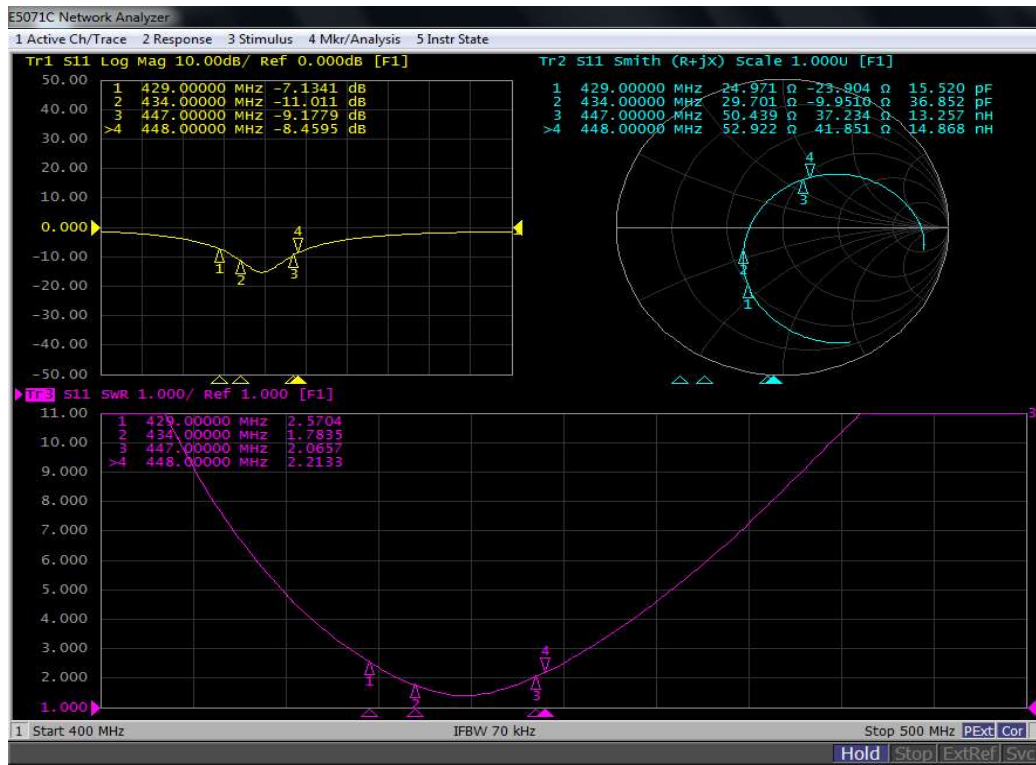


2. Antenna gain and efficiency

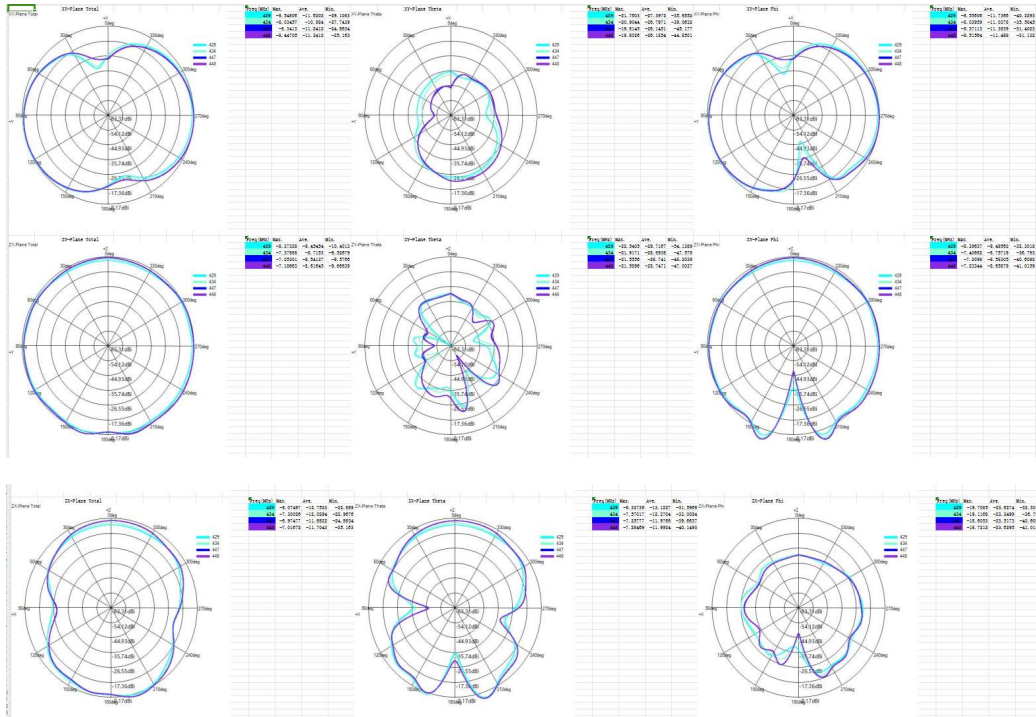
Freq(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
429	-8.074969164	-11.02807429	7.892099849
434	-7.300260305	-10.34949284	9.226791699
447	-6.974767659	-10.29739097	9.338151227
448	-7.016721355	-10.35410438	9.216999466

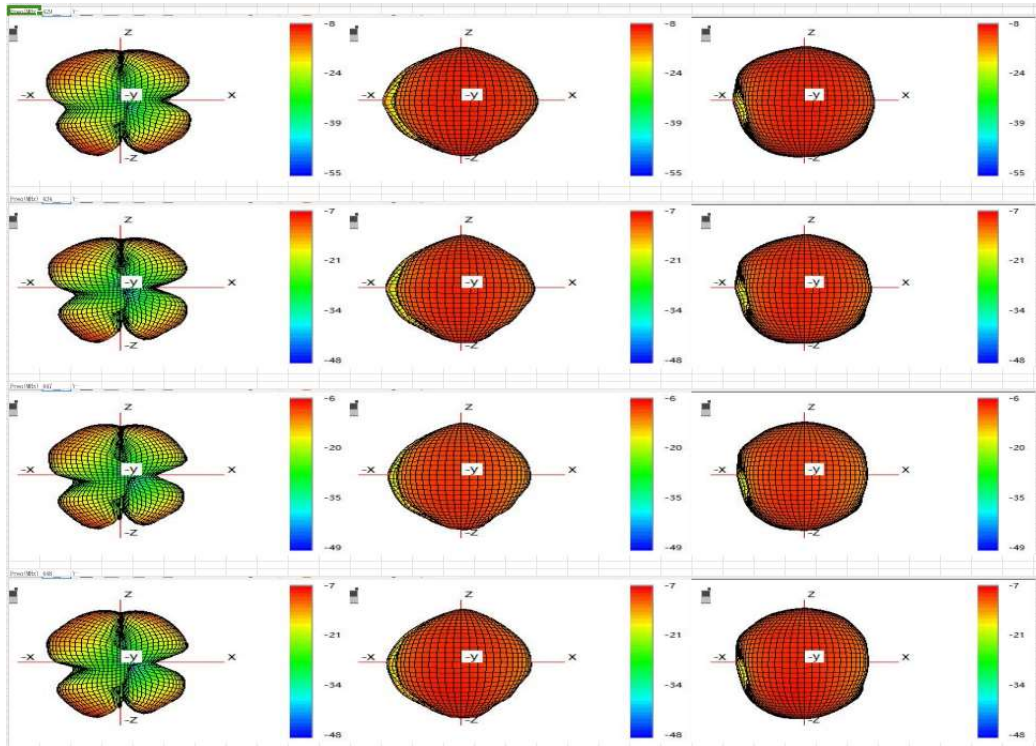


3. Return Loss, Impedance, Standing-wave



4. Radiation pattern





Frequency	433.92MHz
VSWR	<1.8
Gain(dBi)	-7dbi
Interface means	PCB layout
Rated Operational Voltage	DC 3V
Operating Temperature	-10℃ ~ +50℃
Materials	PCB Copper