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# Mobile Jammer Circuit

September 2, 2018 By Administrator(<https://www.electronicshub.org/author/elktros/>)

In the earlier post, we have studied about [Simple FM Radio Jammer Circuit](/simple-fm-radio-jammer-circuit/) (/simple-fm-radio-jammer-circuit/) and its applications. Now, let us learn about one more interesting concept i.e. Cell Phone or Mobile Phone Jammer Circuit.

## Outline



## Introduction

### Circuit 1: Mobile Jammer Circuit using 555

## Components Required

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## Cell Phone Jammer Circuit Explanation

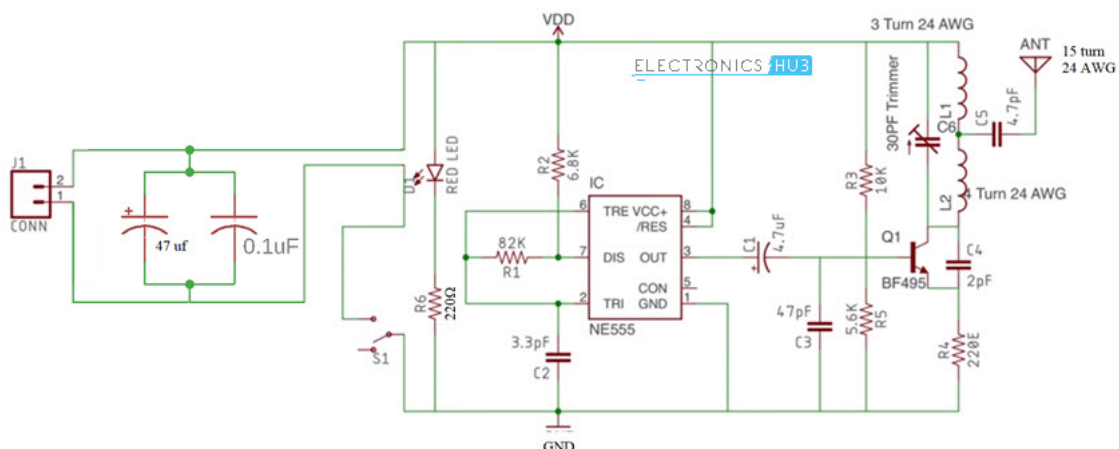
## Introduction

A Mobile Jammer Circuit or a Cell Phone Jammer Circuit is an instrument or device that can prevent the reception of signals by Mobile Phones. Basically, a Mobile Jammer Circuit is an RF Transmitter, which broadcasts Radio Signals in the same (or similar) frequency range of the GSM Communication.

**WARNING:** Blocking or Jamming Radio Signals is illegal in most countries. Check your local laws before using such devices.

In this project, I have designed two Mobile Jammer Circuits, where the first one is using a 555 Timer IC (<https://www.electronicshub.org/555-timer/>) and the other one is built using active and passive components.

## Circuit 1: Mobile Jammer Circuit using 555



## Components Required

- 555 Timer IC
- Resistors –  $220\Omega \times 2$ ,  $5.6K\Omega$ ,  $6.8K\Omega$ ,  $10K\Omega$ ,  $82K\Omega$

- Capacitors -

- 30pF Trimmer

- LED

- Coils 3 Turn 24 AWG, 4 Turn 24 AWG

- Antenna 15 Turn 24 AWG

- BF495 Transistor

- ON / OFF Switch

- 9V Battery

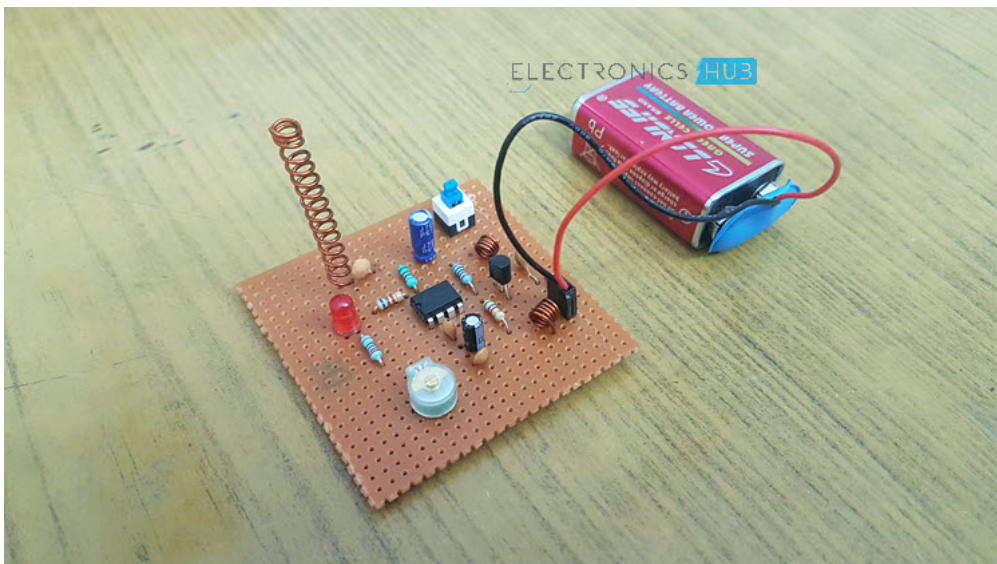


## Operation

After building this circuit on a perf board and supplying power to it, I have placed a mobile phone near the circuit (I am yet to turn on the switch). Before turning on the power, my mobile phone was able to capture majority of the signals as it is displaying full bars.

Once I turned on the circuit, the signal bars on the phone started to reduce and finally it stopped at a single bar.

So, in conclusion, I can say that this circuit blocks the signals but cannot completely jam them.



## Circuit 2: Simple Mobile Jammer Circuit Diagram

(<https://www.electronicshub.org/wp-content/uploads/2013/10/Mobile-Jammer-Circuit-Diagram.jpg>)

If you understand the above circuit, this circuit analysis is simple and easy. For any jammer circuit, remember that there are three main important circuits. When they are combined together, the output of that circuit will work as a jammer. The three circuits are

- RF amplifier.
- Voltage controlled oscillator.
- Tuning circuit.

So the transistor Q1, capacitors C4 & C5 and resistor R1 constitute the RF amplifier circuit. This will amplify the signal generated by the tuned circuit. The amplification signal is given to the antenna through C6 capacitor. Capacitor C6 will remove the DC and allow only the AC signal which is transmitted in the air.

When the transistor Q1 is turned ON, the tuned circuit at the collector will get turned ON. The tuned circuit consists of capacitor C1 and inductor L1. This tuned circuit will act as an oscillator with zero resistance.

This oscillator or tuned circuit will produce the very high frequency with minimum damping. The both inductor and capacitor of tuned circuit will oscillate at its resonating frequency.

The tuned circuit operation is very simple and easy to understand. When the circuit gets ON, the voltage is stored by the capacitor according to its capacity. The main function of capacitor is to store electric energy. Once the capacitor is completely charged, it will allow the charge to flow through inductor. We know that inductor is used to store magnetic energy. When the current is flowing across the inductor, it will store the magnetic energy by this voltage across the capacitor and will get decreased, at some point complete magnetic energy is stored by inductor and the charge or voltage across the capacitor will be zero.

The magnetic charge through the inductor will decreased and the current will charge the capacitor in opposite or reverse polarity manner. Again after some period of time, capacitor will get completely charged and magnetic energy across the inductor will be completely zero. Again the capacitor will give charge to the inductor and becomes zero. After some time, inductor will give charge to capacitor and become zero and they will oscillate and generate the frequency.

This circle run upto the internal resistance is generated and oscillations will get stop. RF amplifier feed is given through the capacitor C5 to the collector terminal before C6 for gain or like a boost signal to the tuned circuit signal. The capacitors C2 and C3 are used for generating the noise for the frequency generated by the tuned circuit. Capacitors C2 and C3 will generate the electronic pulses in some random fashion (technically called noise).

The feedback back or boost given by the RF amplifier, frequency generated by the tuned circuit, the noise signal generated by the capacitors C2 and C3 will be combined, amplified and transmitted to the air.

Cell phone works at the frequency of 450 MHz frequency. To block this 450MHz frequency, we also need to generate 450Mhz frequency with some noise which will act as simple blocking signal, because cell phone receiver will not be able to understand to which signal it has been received. By this, we can able to block the cell phone signal from reaching the cell phones.

So here in the above circuit, we generated the 450 MHz frequency to block the actual cell phone signal. That's what the above circuit will act as a jammer for blocking the actual signal.

**You can also get good idea about another jammer circuit i.e. [How TV Remote Control Jammer Circuit Works \(/tv-remote-jammer-circuit/\)](https://www.electronicshub.org/mobile-jammer-circuit/)?**

**Note:**

# Electronics Hub



- This circuit jamming of cell phones with in 100 meters radius. (<https://www.electronicshub.org>)
- Usage of this type of circuits is banned in most of the countries. Usage of this circuit is illegal and if you caught by using this circuit, you can be imprisoned and also should pay large amount in the form of fine.
- This circuit can be used in TV transmission and also for remote controlled toys or play things.
- If the circuit is not working, just increase the resistor and capacitors values in the circuit. Increase the frequency of tuned circuit by using this formula  $F = 1 / (2\pi \sqrt{L \cdot C})$ . Increase the inductor capacitor circuit components (<https://www.electronicshub.org/basic-electrical-circuits-componentstypes/>) value for increasing the frequency.

**Know How To Make an Adjustable Timer** (<https://www.electronicshub.org/adjustable-timer/>)

## Related Posts:

- TV Remote Jammer Circuit - [TESTED] (<https://www.electronicshub.org/tv-remote-jammer-circuit/>)
- Mobile Controlled Home Appliances without Microcontroller (<https://www.electronicshub.org/mobile-controlled-home-appliances-without-microcontroller/>)
- Simple IR Audio Link Circuit (<https://www.electronicshub.org/simple-ir-audio-link-circuit/>)
- Arduino based Smartphone Charging Controller (<https://www.electronicshub.org/arduino-based-smartphone-charging-controller/>)
- What is a Power Amplifier? Types, Classes, Applications (<https://www.electronicshub.org/power-amplifier/>)
- Automatic LED Emergency Light Circuit (<https://www.electronicshub.org/automatic-led-emergency-light-circuit/>)

## 139 Responses

**Carmen Bjerk** says:

October 10, 2013 at 10:29 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-278>)

Thanks for taking time to write and share to info. I definitely look forward to more useful post like this

Reply

**srinivas** (<http://www.makemeidol.com>) says:

December 30, 2017 at 2:20 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-305914>)

thanksfor this info

Reply

**Ameen** says:

October 16, 2013 at 8:15 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-296>)

Can you please specify the antenna model number..

Reply

**Administrator** says:

October 21, 2013 at 1:41 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-313>)

Antenna is Yagi Uda antenna

Reply



Can we replace it with any other kind of antenna

Reply

**Rashid** says:

April 24, 2016 at 2:19 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-214185>)

Sir  
Please Give components list

Reply

**Ali** says:

October 23, 2014 at 10:23 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-107540>)

Hello  
who make this jammer?  
can it work?

Reply

**mani kanta** says:

January 8, 2016 at 3:09 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-198256>)

i am now trying  
  
this 😊

Reply

**araus** says:

February 27, 2016 at 6:36 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-204646>)

can it work successfully?because i want to do this for my electronic project

Reply

**adua amdil** says:

November 2, 2016 at 10:22 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-240795>)

Did you try it as at now? and did it work?

Reply

**Hosain** says:

October 23, 2013 at 2:47 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-318>)

band of the antenna,please(I mean all info about the antenna plz)

Reply



learn antenna wave propagation subject....ur all doubts will clear

Reply

**Lavon Tilson** says:

November 12, 2013 at 6:10 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-390>)

Good post,thanks for the author sharing the news about the cell phone jammer,from my point of view ,the cell phone jammer will be become more and more popular.

Reply

**Oluwaseun** says:

November 14, 2013 at 2:09 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-397>)

Im interested in building this circuit for a project and I wanted to know where can i get all the parts to build it. Are there any kits that give you all the components?

Reply

**bhai** says:

January 4, 2017 at 9:52 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-251633>)

you can get it on ebay

Reply

**Hosain** says:

November 17, 2013 at 12:05 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-421>)

can I take the antenna from any wifi-router?

Reply

**jithin** says:

December 25, 2013 at 1:33 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-679>)

can we take antennas from radio

Reply

**julienne mukeshimana** (<https://www.electronicshub.org>) says:

May 23, 2016 at 12:51 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-218380>)

does it work properly?

Reply

**Naraa** says:

January 8, 2014 at 3:40 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-1144>)



Reply

**mani kanta** says:January 8, 2016 at 3:11 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-198257>)

simpli you wound the wire proper value and check by using meters you can et bcz i did

Reply

**Gupta** says:August 19, 2016 at 7:35 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-228917>)

Is the project worked..?

Reply

**aamir sohail** (<http://+923435484335>) says:January 27, 2014 at 5:03 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-4801>)

i like this circuit but i am still confused that what kind of antena wil be use.

Reply

**Pablo\_shubhi (shubham shARMA). PROJECT JUGAAD** says:August 4, 2017 at 6:45 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-280458>)

for all its depend on you which type of antenna u have to use because the antenna will transmit or receive the signal which is the output/input of your circuit. so you are engineer or google it and check the output of you circuit and by using Dipole length formula (antenna length )

Length (meters) =  $150 \times A / \text{frequency in MHz}$

Length (inches) =  $5905 \times A / \text{frequency in MHz}$

there are many type of antenna and the work same as it but they have some feature example

Radio antenna (mono pole antenna)= it transmit and receive signal from 360 degree

but if u use YAGI UDDA antenna it transmit and recevie the signal from one direction there fore in old time u people use this antenna and rotate them to take a single and best signal from one direction for more please google it u can get more knowledge from there.

Reply

**manish kumar** says:January 31, 2014 at 12:14 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-5698>)

i am also really intrested in this jammer but i am still confued about the component. so can you please give me the part list of this circuit ?

Reply

**M. Mohsin Zaheer** says:May 27, 2014 at 9:37 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-51467>)

sir we are trying to make this circuit as our project in university. but it is not working properly although the circuit is completely according to the give circuit. please guide us about any specifications about that circuit. please reply as soon as possible

Reply

**Administrator** says: (<https://www.electronicshub.org>)May 30, 2014 at 6:49 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-52262>)

Once check the settings and the values. It works properly.

Reply

**naveen** says:September 8, 2014 at 3:50 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-95942>)

how to make 22nH antenna

Reply

**Priyanka** says:July 19, 2018 at 7:46 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-315752>)

22nh is not an antenna it's an inductor

Reply

**Bala jagan** (<https://www.electronicshub.org/mobile-jammer-circuit/>) says:January 1, 2019 at 1:44 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-322572>)

which type of antenna should we use

**Karan** says:September 10, 2014 at 7:36 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-96405>)

Your circuit produces noise of frequency 450MHz, whereas most of the countries use 900~1800MHz bands for GSM communication. Can you help me out with the corresponding component values for the same?

Reply

**ashish** says:September 22, 2014 at 3:25 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-100568>)

this is..not the correct circuit diagram...it is not..working...even though i made it

Reply

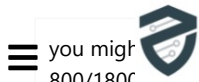
**indhra** says:March 30, 2016 at 9:21 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-210278>)

where did u get the antennna pls reply me

Reply

**colin** says:September 28, 2014 at 2:52 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-102106>)





you might think jamming 4G will do dirty squat to cell phones but it will seriously piss of radio amateurs in the 70cm band.  
(<https://www.electronicshub.org>)

Reply

**Saqlain Memon** says:

November 28, 2015 at 4:10 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-192342>)

sir kindly tell me the list of components , i c'ant understand components on diagram

Reply

**Kyle** says:

November 1, 2016 at 12:08 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-240564>)

↩

Then you shouldn't be building this circuit....

Reply

**Ajay kumar** says:

March 31, 2017 at 10:06 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-263506>)

sir kindly tell me the list of components ,

Reply

**Priyanka** says:

July 19, 2018 at 7:48 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-315753>)

↩

It's given in circuit diagram

**srini** says:

November 17, 2014 at 1:22 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-110171>)

Sir, i have been trying the same design, but we are unable to generate the spectra. In fact our transistor is not getting biased. please help me

Reply

**kathir** says:

August 10, 2014 at 9:14 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-87422>)

can you say how to make 22nh inductor ??

Reply

**Surya Prakash** says:

August 12, 2014 at 6:18 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-88198>)

Why do u need to add noise using C2 and C3??



(<https://www.electronicshub.org>)

**kaushik** says:

August 15, 2014 at 9:11 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-89035>)

sir hw it works

Reply

**Arpan Das** says:

August 22, 2014 at 7:03 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-91285>)

We want to do this project but are there any legal issues of implementing this project?

And we would like to reduce the distance area of the circuit from 100m to around 6-9m.. How to do that? Plz reply asap to my mail id [arpan.daskgp92@gmail.com](mailto:arpan.daskgp92@gmail.com) (<mailto:arpan.daskgp92@gmail.com>).

Reply

**Nagraj L** says:

August 22, 2014 at 8:59 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-91321>)

What is the alternative for BF494?  
How to increase the frequency?

Reply

**Priyanka** says:

July 19, 2018 at 7:50 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-315754>)

Frequency can be increased by choosing suitable values for L,C  
 $F = \frac{1}{2\pi\sqrt{LC}}$

Reply

**abhishek kotal** says:

September 2, 2014 at 3:09 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-94886>)

i want rang of frequency upto 2100mhz so, which changes i have to do in this circuit

Reply

**teena** says:

September 11, 2014 at 5:20 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-96511>)

i dont know how to connect the antenna to the circuit

Reply

**Mark** says:

May 24, 2016 at 9:15 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-218555>)

HOW DID YOU CONNECT IT??

<https://www.electronicshub.org>**Nitish Raj** says:September 19, 2014 at 9:41 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-99627>)

Can you please mention the complete details of the capacitors used, Like C1 1000uf 10v etc.

Reply

**ashish** says:September 19, 2014 at 11:54 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-99679>)

as you are saying.. sir...that if it doesn't work properly..just increase the..value of capacitor..and resistor...but there are...many capacitors..which one we should..increase the value... please reply soon

Reply

**RAJA** says:September 20, 2014 at 11:28 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-100053>)

hello sir, this circuit not working

Reply

**ARJUN** says:October 3, 2014 at 7:34 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-103305>)

I've made this circuit and it doesn't work at all! I checked the values of every component twice but still it doesn't work!

Reply

**gp jayanth** says:October 7, 2014 at 10:34 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-104283>)

Sir, I rigged up the circuit but it is not working. I have taken this as my project. I desperately need your help. Please help me. Please reply as soon as possible

Reply

**jayanth** says:October 7, 2014 at 10:41 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-104284>)

sir, how to jam the signals of 2000MHz. please give the circuit. please help me

Reply

**praveen (<http://google>)** says:October 7, 2014 at 11:07 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-104285>)

can we use radio antenna in this circuit ?

Reply



(<https://www.electronicshub.org>)

sir please tell me the exact value of inductor 220h or 22nh?

Reply

**Akash kumar** says:

October 10, 2014 at 6:12 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-105852>)

sir,  
please confirm me weather all the capacitors are ceramic one or electrolytic or its a mixture of both. if its a mixture tell me according to the capacitor numbering,

Reply

**ali** says:

October 16, 2014 at 4:38 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-106249>)

Hello  
really this circuit can work?  
im in iran can i use that?  
i heard this circuit work on :Mobile jammer circuit use only in GSM1900 with frequency from 1930 MHz – 1990 MHz. The GSM1900 mobile phone network is used USA, Canada  
and in your opinion can i use BF 495?  
i cant find BF 494

Reply

**rahul (<http://ncte.com>)** says:

October 23, 2014 at 5:07 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-107463>)

sir i am circuit you project but his not working help me

Reply

**sunny** says:

October 23, 2014 at 6:32 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-107563>)

emitter arrow is toward base. how can i make it possible.

Reply

**igor** says:

November 11, 2014 at 6:15 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-109824>)

On schematic the transistor is pnp but bf494 is npn, is this mistake?

Reply

**vedant** says:

November 16, 2014 at 10:29 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-110046>)

i cant find 22nh inductor in my city . how to make 22nh inductor please tell me !!!!!!!!!!!!!!!!!!!!!!!

Reply



# Electronics Hub

<https://www.electronicshub.org>**Anis says:**November 17, 2014 at 5:26 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-110216>)

In my country a branded mobile phone operates on GSM 900/1800 MHz standard and operates on allocated 12.8 MHz frequency spectrum. Can i use this circuit? If any modification or changes required please mention them.

Reply

**Amin says:**November 18, 2014 at 4:39 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-110308>)

Sir. is work in proteus but how can i confirm that is correctly work by proteus. . plz reply. thanks

Reply

**Shubham says:**November 19, 2014 at 5:49 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-110446>)

Sir, I have the problem with simulation of the given circuit on multisim....There is no generation of frequency and only gives the DC values....Values of the components are same as shown in circuit...

Reply

**Shubham says:**November 19, 2014 at 5:56 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-110447>)

Sir,  
Is there is any other alternative for Yagi Uda antenna?

Reply

**preet says:**November 26, 2014 at 2:52 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-111466>)

For inductor how long and which gauge copper wire required for 22nH inductor plz reply as soon as possible

Reply

**jasvir says:**November 16, 2015 at 12:55 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-190566>)

Plz tell about inductor

Reply

**naveen chandu says:**November 18, 2015 at 6:15 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-190830>)

sir, can you please send the soft copy of circuit and elements specify the components with the ratings to this mail ,please  
EMAIL:- naveenchandu.talluri@gmail.com (<mailto:naveenchandu.talluri@gmail.com>)  
sir i am interested in it .. sir please

**Prithwiraj Bose (http://sribasu.com)** says:

November 19, 2015 at 7:54 am (https://www.electronicshub.org/mobile-jammer-circuit/#comment-191041)

I tried creating the circuit. Unfortunately as predicted, the circuit didn't work. Please if you could let me know 2 things regarding this circuit, with which I should be able to tweak and get it worked:

1. Whether any micro/onboard/simple antenna (unlike the Yagi Uda) works with the circuit.
2. Values for which components could be changed to reach a higher frequency.

Reply

**Saqlain Memon** says:

November 28, 2015 at 4:08 pm (https://www.electronicshub.org/mobile-jammer-circuit/#comment-192340)

sir kindly tell me the list of components i c'ant understand components on diagram

Reply

**Saqlain Memon** says:

November 28, 2015 at 4:10 pm (https://www.electronicshub.org/mobile-jammer-circuit/#comment-192341)

sir kindly tell me the list of components , i c'ant understand components on diagram

Reply

**Mitchell** says:

November 30, 2015 at 8:58 pm (https://www.electronicshub.org/mobile-jammer-circuit/#comment-192578)

can i have the proposal for the project?

Reply

**they tin** says:

December 7, 2015 at 10:06 pm (https://www.electronicshub.org/mobile-jammer-circuit/#comment-193462)

Thanks

Reply

**shankar** says:

December 8, 2015 at 2:36 pm (https://www.electronicshub.org/mobile-jammer-circuit/#comment-193556)

Thanks to you given infromation

Reply

**shankar (http://deleted)** says:

December 8, 2015 at 2:38 pm (https://www.electronicshub.org/mobile-jammer-circuit/#comment-193557)

? I will try to make the circuit

<https://www.electronicshub.org>**Sushmitha** says:December 13, 2015 at 1:39 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-194149>)

Dis works with the help of current. But can it work using solar cell

Reply

**Sahil** says:December 18, 2015 at 11:36 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-195030>)

Does it need to be plugged in ? Or just works on a 9v battery ?

Reply

**Anusha** says:January 29, 2016 at 7:13 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-201445>)

9v battery is sufficient

Reply

**Shibanjan Das** says:March 10, 2016 at 5:56 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-206314>)

But the circuit shows that a 3V battery should be used.

Reply

**Manzoor** says:December 27, 2015 at 8:16 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-196329>)

I am from India can i make this circuit or is it banned here?

Reply

**Harsh Gopalani** says:February 4, 2016 at 11:20 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-202327>)


Can you please explain how you obtained the values of the components such as the capacitors and resistors in the circuit  
And the formulae for the amplifier  
And all the other design parameters

Reply


**varun** says:February 14, 2016 at 9:45 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-203140>)

hello....  
sir this circuit really works.....?  
if u give me the assurance then i will try it out.....

Reply



# Electronics Hub



**Khadar** says: (https://www.electronicshub.org) February 20, 2016 at 10:39 am (https://www.electronicshub.org/mobile-jammer-circuit/#comment-204008)

Please give components list

Reply

↩

**Anusha** says: February 23, 2016 at 3:45 am (https://www.electronicshub.org/mobile-jammer-circuit/#comment-204250)

Check the circuit diagram for components list

Reply

↩

**ashok sp** says: February 20, 2016 at 12:01 pm (https://www.electronicshub.org/mobile-jammer-circuit/#comment-204014)

Sir please send me components list and ranges, used in the circuit.

Reply

↩

**Anusha** says: February 23, 2016 at 3:47 am (https://www.electronicshub.org/mobile-jammer-circuit/#comment-204252)

Check the circuit diagram for Components list

Reply

↩

**Praween** says: April 6, 2016 at 6:40 am (https://www.electronicshub.org/mobile-jammer-circuit/#comment-211250)

There is no footprint/package/voltage/tolerance available

I am going to use SMD

Reply

↩

**TJ** says: March 8, 2016 at 10:53 am (https://www.electronicshub.org/mobile-jammer-circuit/#comment-205850)

Is this circuit working for GSM phones?

Reply

↩

**Shibanjan Das** says: March 10, 2016 at 5:55 am (https://www.electronicshub.org/mobile-jammer-circuit/#comment-206313)

Can i place another phone instead of the antenna?

Reply





(<https://www.electronicshub.org>)  
Sir please tell me about how much frequency produces. this jammer

Reply

**karthika** says:

March 19, 2016 at 11:15 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-208347>)

sir how do construct it as a working model??

Reply

**Mugabe** says:

March 30, 2016 at 3:10 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-210225>)

thanks for gives this circuit when you increasing the range what principe we used from 100m to 100 km?

Reply

**Muhammad Hamza Baig** (<http://novelandbooks.blogspot.com>) says:

April 2, 2016 at 1:22 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-210684>)

i have assemble all components as it is but its at working?  
please can u guide me and also send me its Details Hamzabaig1111@gmail.com (<mailto:Hamzabaig1111@gmail.com>)  
Regards : Muhammad Hamza Baig

Reply

**Vivek** says:

April 5, 2016 at 1:29 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-211118>)

22nh conductor  
Explain

Reply

**Praween** says:

April 6, 2016 at 6:37 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-211247>)

I am going to use SMD and thru Hole components, I need help in this.

Since no package details/footprint is given, i cannot execute this circuit

Reply

**ranjith.m**

April 14, 2016 at 10:39 am  
(<https://www.electronicshub.org/jammer-circuit/#comment-2123>)

(<http://how%20to%201900Mhz%20frequency%20generate%20by%20using%20capacitor%20&%20inductor%20value>) says:

how to 1900Mhz frequency generate by using capacitor & inductor value tell me please

Reply



Electronics Hub

**Kehase Legese** (<http://kehas82@gmail.com>) says:February 20, 2018 at 1:11 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-309826>)

use the formula  $f = \frac{1}{2\pi\sqrt{LC}}$

Reply

**anshu** says:April 17, 2016 at 7:28 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-212781>)

Signal is generated by tuning circuit, what is the role of antenna.  
I mean how it will affect the purpose of the circuit.

Reply

**anshu** says:April 17, 2016 at 7:31 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-212783>)

Hi,

What is the job of antenna, the signal is generated by the tuning circuit. I mean how it affects the purpose of the circuit.

Thanks

Reply

**Arvind gupta** says:May 3, 2016 at 10:51 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-215674>)

Sir can i use random values for components or it is compalsory to given values

Reply

**hanzla** says:May 15, 2016 at 3:55 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-217328>)

how we produce 2100 mghz requency by changing in circuit???

Reply

**suraj** says:June 24, 2016 at 11:33 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-223041>)

Value of c5 and its 22nH or 220H inductor

Reply

**Saritha** says:July 22, 2016 at 4:47 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-225626>)

Sir, I am working on the project which has to block the partucualr frequency say reliance or Idea in GSM Can I do such a project??

Reply



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(https://www.electronicshub.org)

**kapil sundar** says:

July 25, 2016 at 12:55 pm (https://www.electronicshub.org/mobile-jammer-circuit/#comment-225796)

what is the value of c5 and antenna model ???

Reply

**harsha** says:

August 24, 2016 at 12:38 pm (https://www.electronicshub.org/mobile-jammer-circuit/#comment-229636)

Can we generate 800Mhz in this ckt

Reply

**rahul jalare** says:

October 7, 2016 at 5:33 am (https://www.electronicshub.org/mobile-jammer-circuit/#comment-237268)

good

Reply

**teja** says:

November 27, 2016 at 2:11 am (https://www.electronicshub.org/mobile-jammer-circuit/#comment-244780)

inductor of 220 H or 22nH....rply me plssss.....i m doing as my projct

Reply

**teja (http://mobile%20signal%20jammer)** says:

November 27, 2016 at 2:17 am (https://www.electronicshub.org/mobile-jammer-circuit/#comment-244782)

what type of antena

Reply

**sonika** says:

March 3, 2017 at 7:48 am (https://www.electronicshub.org/mobile-jammer-circuit/#comment-259028)

How to get 22nH inductor

Reply

**nandha kumar** says:

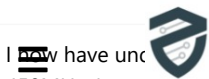
March 8, 2017 at 7:51 am (https://www.electronicshub.org/mobile-jammer-circuit/#comment-259686)

how to increase the frequency 450mhz and how much voltage can be give to this circuit

Reply

**FINEBONE** says:

March 18, 2017 at 1:46 am (https://www.electronicshub.org/mobile-jammer-circuit/#comment-261138)



# Electronics Hub

I now have unc  
450MHz. I can now build it. I nanks to the Autor.  
(<https://www.electronicshub.org>)

ductor and Capacitor to give a resonant frequency of

Reply

↩ **ahmed** says:

May 2, 2017 at 5:34 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-267187>)

it is circuit is working

Reply

**kalugana cira** says:

March 25, 2017 at 2:46 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-262144>)

gonna try it sir, i hope it will work. thanks for the post.

Reply

**TT** says:

April 30, 2017 at 5:51 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-266883>)

Circuit is simple, easy to make and not going to work

Reply

**ahmed** says:

July 4, 2017 at 12:51 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-275434>)

please i am from nigeria..i want to know how many number of turns and swg of the conductor.and cross sectional area.for the 22nh inductor.am doing it as my project.help me pleas

Reply

**SHAILESH CHAUDAHRY** (<https://www.techyukti.com/>) says:

August 4, 2017 at 12:52 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-280432>)

thanks, Now i can Make my own Network Jammer

Reply

↩ **nick** says:

July 16, 2018 at 9:11 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-315650>)

did it finally work? and are there major changes you made to the circuit or did u use the one given ?  
kindly assist me make one

Reply

**shrijesh** says:

October 25, 2017 at 9:47 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-296412>)

does it work



Electronics Hub



Reply

(https://www.electronicshub.org)

**Sachin** says:

January 20, 2018 at 11:57 pm (https://www.electronicshub.org/mobile-jammer-circuit/#comment-307369)

Using  $F = 1 / (2 \cdot \pi \cdot \sqrt{L \cdot C})$ . This equation can I work this circuit above 1000hz frequency?

Reply

**Dingwall (https://archive.org/details/cihm\_05793)** says:

February 2, 2018 at 12:29 pm (https://www.electronicshub.org/mobile-jammer-circuit/#comment-308354)

"If the circuit is not working, just increase the resistor and capacitors values in the circuit. Increase the frequency of tuned circuit by using this formula  $F = 1 / (2 \cdot \pi \cdot \sqrt{L \cdot C})$ .

Increase the inductor capacitor circuit components value for increasing the frequency."

Yet running  $F = 1 / (2 \cdot \pi \cdot \sqrt{L \cdot C})$  in this schematic (tuning circuit) yields a frequency of 277053.19427199627 Hz (0.27705319427199626 MHz).....not 450Mhz, nor GSM1900 with frequency from 1930 MHz – 1990 MHz.

To get close to 450 MHz you need a combo like 21pf & 6nH, or 1pf & 125nH)

To get close to the 1930-1990 range you need 3pf & 2nH or 13pf & .5nH or 36pf & .2nH, etc.).

Reply

**Muffet** says:

February 2, 2018 at 2:50 pm (https://www.electronicshub.org/mobile-jammer-circuit/#comment-308360)

I'm no circuitician, but it seem, as above, if you used a 200pH inductor (aka .2nH) you could then use a tunable cap, with a range of max 35pf (1902.265MHz) to min 31pf (2021.269 MHz) to sweep & cover the full range of 1930-1990MHz.

Reply

**sai** says:

February 10, 2018 at 12:23 am (https://www.electronicshub.org/mobile-jammer-circuit/#comment-308937)

sir,can you list the components and how to increase the frequency range.

Reply

**Mustafa (http://Electronics%20hub)** says:

February 11, 2018 at 10:11 pm (https://www.electronicshub.org/mobile-jammer-circuit/#comment-309015)

May i know the inductor specifications which is used in jammer circuit or else could you please send me a link to buy that inductor.i don't have much time please give reply as early as possible


Reply

**Buthukuri venkatarreddy** says:



February 12, 2018 at 9:28 pm (https://www.electronicshub.org/mobile-jammer-circuit/#comment-309126)

What is the antenna name

Reply



# Electronics Hub

**Kehase Legese** (<http://kehas82@gmail.com>) says: February 20, 2018 at 1:14 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-309827>)

i am trying now

Reply

**Electrogeek** says: April 2, 2018 at 2:45 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-311600>)

What is the spec's of the inductor for this critical? Output depends on this plzz reply asap

Reply

**zakkf** says: June 5, 2018 at 3:40 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-313978>)

Dunno if folks are aware but using this thing in at least the United States is hardcore illegal and can get you in serious trouble with the FCC (or CISPR if you live in Europe). I say that as an electrical engineer who works in EMC, EMI, and RF testing for a living. Unless you like threats of large fines, be extremely careful where you use this if you live in the US.

Reply

**Dhruv Patel** says: July 3, 2018 at 11:55 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-315259>)

Is The Circuit Is Working Really I want Make This For My Mini Project If There Is Problem in This Circuit Then What We Do .... Any Suggestion Please

Reply

**Shubham Raj** says: July 22, 2018 at 7:59 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-315834>)

Nlce explanation bro it is very helpful for me.

Reply

**techguru** says: August 3, 2018 at 3:03 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-316214>)

Wow!  
Superb explanation.  
This is very helpful for me. Thanks a lot. Keep it up.

Reply

**Farhan Khan** (<https://www.f-techzone.co.in/>) says: November 3, 2018 at 4:41 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-320210>)

Hello sir it helped me alot for my college project.

Reply



Electronics Hub



**brajesh singraul** says: (<https://www.electronicshub.org>) November 10, 2018 at 4:20 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-320466>)

hello electronicshub team this helpet me for my college project  
Big Thankyou 😊

Reply

**Bharath** says:November 15, 2018 at 9:03 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-320668>)

It is nice  
But please say me will it block 4G signals  
Circuit 1 or 2

Reply

**Tushar Thakur** says:December 27, 2018 at 9:15 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-322350>)

Nice information

Reply

**Osama Rashid** says:December 10, 2020 at 2:28 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-418348>)

In 1st circuit diagram the position of 9v battery is not given kindly tell me

Reply

**Alina** says:January 18, 2021 at 12:38 am (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-421592>)

Capacitors – 2pF, 3.3pF, 4.7pF, 47pF, 0.1μF, 4.7μF, 47μF  
How much volt capacitor are please tell me

Reply

**Brian** says:January 23, 2021 at 5:55 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-422195>)

I'm also referring to circuit #2

Reply

**Brian** says:January 23, 2021 at 5:56 pm (<https://www.electronicshub.org/mobile-jammer-circuit/#comment-422197>)

Hello would it be possible to add something to circuit #2 so the range of the circuit can be adjusted rather than fixed at 100m? If so, could you please let me know how I could design the circuit so that I can adjust the range?

Reply

Electronics Hub

(https://www.electronicshub.org)

February 3, 2021 at 1:16 pm (https://www.electronicshub.org/mobile-jammer-circuit/#comment-423252)

Anifowose Sunday faith says:

I'm very happy for more enlighten about signal jammer. Thanks a lot. But I want you people to guide me

Reply

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