

AM Receiver

Updated BOM

Resistance

1. 1 100k ohm
2. 4 33k ohm
3. 4 6.2k ohm
4. 4 .5 ohm
5. 4 2k ohm
6. **1 500 ohm**

Capacitors

1. 2 10u
2. 1 5u
3. 6 1u
4. **5 100u** (previously it was 4)
5. Variable capacitor for tuner circuit like in radio

Inductors

1. 1 5.6uH
2. 1 2H

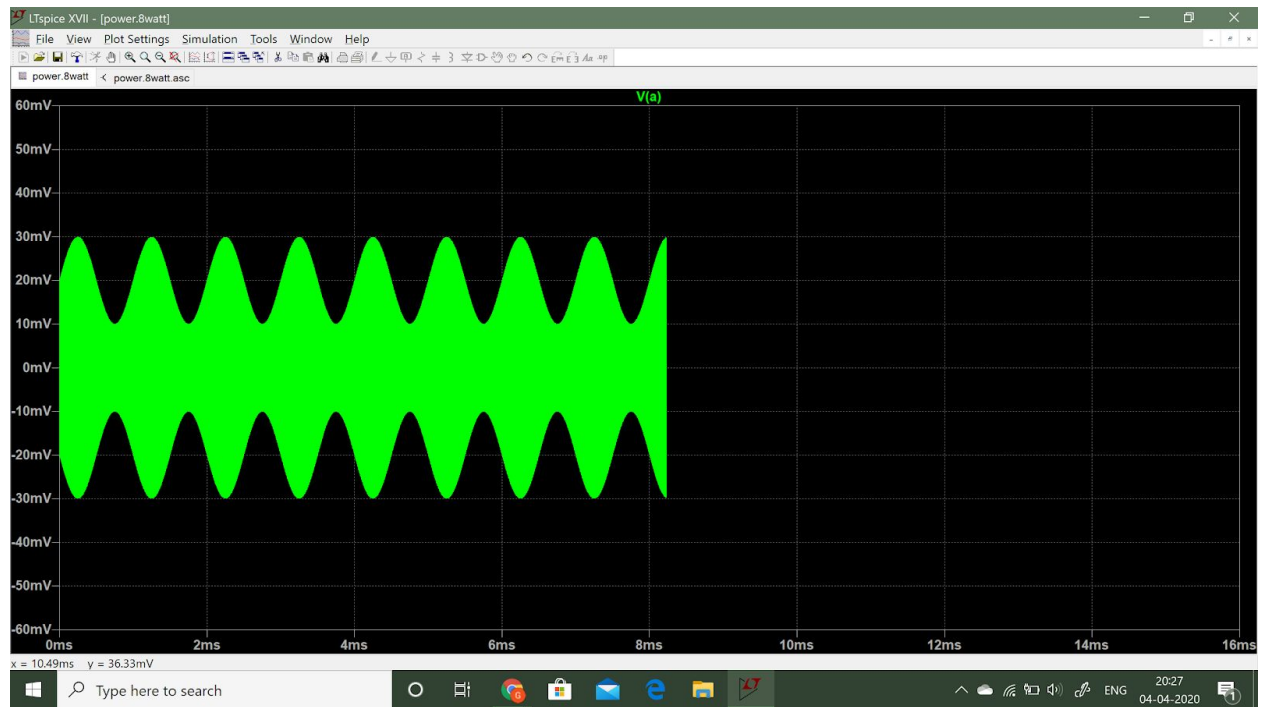
Transistors

1. **5 Npn transistor BC817-16 (previously it was 4)**
<https://www.diodes.com/assets/Datasheets/ds11107.pdf>

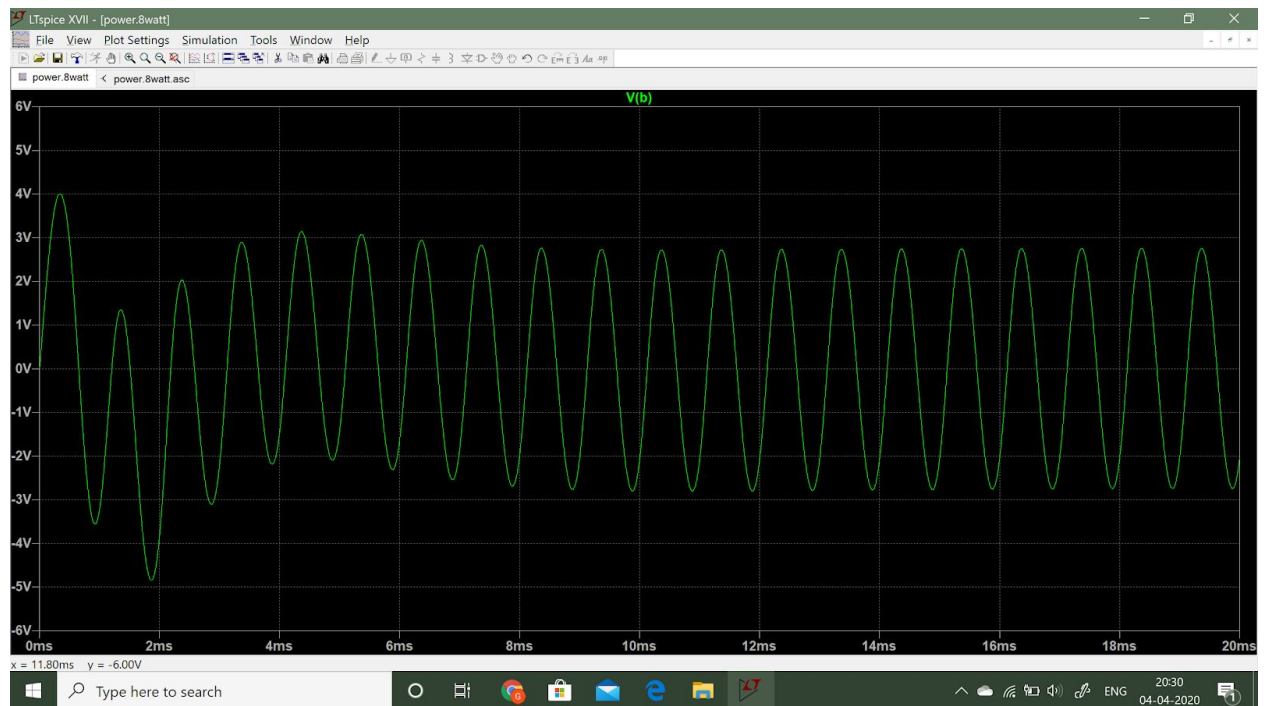
Antenna

1. 3 metre length

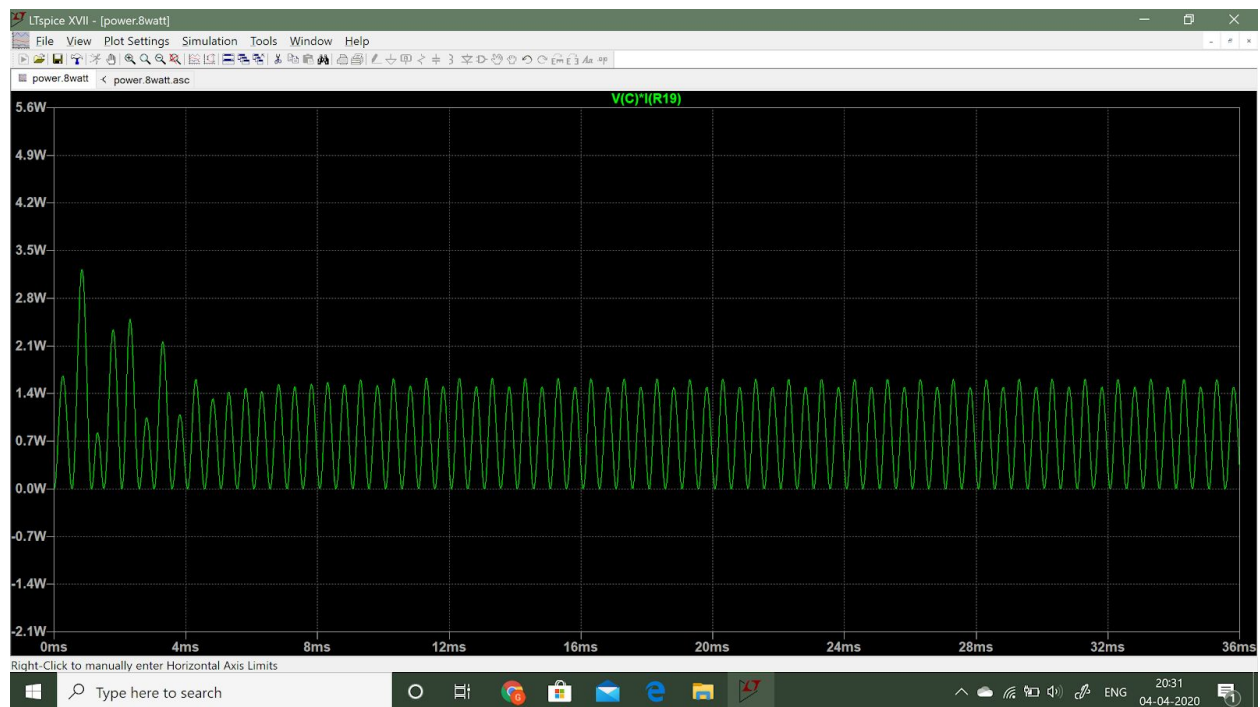
Waveform for test point A (after tuner circuit)



Waveform for testpoint B(after 3stage Amplification)



Waveform for testpointC(output power at the load)



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