

SPECIFICATIONS OF THE JLMSQ-1A RADIO
FREQUENCY TRANSMITTER, POWER SUPPLY,
AND THE ANTENNA.

I. THE JLMSQ-1A RADIO FREQUENCY TRANSMITTER.

(A). SIZE 14 inches by 15 inches by 22 inches.

(B). COMPONENTS.

- b - 1 . Five digit electronic counter, three phase tuning buttons.
- b - 2 . Five minute automatic timer.
- b - 3 . Percentage Reflected Power meter.
- b - 4 . Power stabilizer meter.
- b - 5 . Electric cooling motor and fan.
- b - 6 . Semi solid state.
- b - 7 . Crystal Controlled.

(C). SPECIFICATIONS

- c - 1 . Carrier wave output of 4150 KiloHertz.
- c - 2 . Wave forms used, sine and square.
- c - 3 . Frequency range used 20 Hertz to 20 KiloHertz.
- c - 4 . Rich in harmonic content.
- c - 5 . Inefficient Antenna, 50 watts output.
- c - 6 . Power output on carrier wave, 1000 Volts, 170 milliamps,
175 Watts input power, 90 watts emitted from Antenna.
- c - 7 . Wall socket power 110 Volts 60 Cycle input to instrument.
- c - 8 . Effective transmittive distance is 6 feet maximum, signals disapate
within 237 feet.
- c - 9 . No harmful radiation emitted from this device at any time while in use
- c - 10. Federal Communication Commission Agent Mr. Clark Pool, cleared this
device for use.

continued from page one...

c - 11. Safety clearance by the Beech Aircraft Aerospace Laboratory at the Boulder, Colorado facility, with certificate.

II . T H E J L M S Q - 1 A 1 - 1 P O W E R S O U R C E .

(A). Contains a 1000 volt transformer plus other components with a 4 cable lead to plug into the back side socket in the J L M S Q - 1 A Transmitter. A complete separate unit. Size, 8 inches by $9\frac{1}{2}$ inches by 12 inches.

III. T H E J L M S Q - 1 A 1 A N T E N N A .

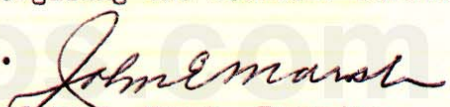
(A). An elliptical shaped quartz envelope , size $8\frac{3}{4}$ inches by 4 inches, diameter.

a - 1 . Inert gas filled.

a - 2 . Contains two round flat plate probes, an anode and a cathode, on metal stems imbedded in uranium quartz one at each end, to which attaching wires are welded, running through a cable to the outlet post on the lower right hand side of the J L M S Q - 1 A Radio Frequency Transmitter.

S U M M A R Y

These three units comprise the system that when certain critical frequencies are transmitted from the Transmitter through the Antenna at a distance of six feet or less, do devitalize the micro-organisms that are the causative agents of pathogenic diseases with the energy of Electro-magnetic Force Field surrounding them. In no way will these critical frequencies have any effect of destruction on the cell in which they live. This energy however has had the effect of energizing the cellular structure to aid the worthy cells to ward off secondary infections.


John E. Marsh, Inventor

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S P E C I F I C A T I O N S F O R T H E J L M S Q - 1 A
R A D I O F R E Q U E N C Y T R A N S M I T T E R

1. Wave Forms to be S I N E and S Q U A R E only.
 2. The frequency range to be from 20 hz to 20 kz . Tolerance to be plus and minus .001 hz .
 3. Maximum voltage out-put to be 8250 Volts, R M S Maximum 56 to 300 Ma.
 4. Out-put impedance to be 600 Ohms. 20 Radio Watts from the Antenna to a Maximum distance of 30 inches to target. Power in-put to instrument 110 Volts/ 60 Cycles, standard.
 5. S I N E wave distortion tolerance to be 0.5 percent maximum.
 6. S Q U A R E wave tolerance to be 50 percent duty cycle, 30 volts from peak to peak, rise time less than 50 micro-seconds, overshoot to be less than 5 percent .
 7. Carrier wave will be 4150 kz.
 8. The frequency Counter to be a 5 digit instrument, accurate with-in plus or minus 0.5 hz for one set of 5 total digits making up one frequency charted number.
 9. A red pilot light will indicate the instrument is ready for use.
 10. A blue light to show malfunction of the power out-put of instrument.
 11. A yellow light to show malfunction of the Oscilloscope and Frequency Counter units.
 13. A Volt Meter to show power out-put to the antenna, with a power out-put manual dial.
 14. Snap "ON" and "OFF" switch,
 15. A small accurate Oscilloscope, with necessary control dials for both SINE and SQUARE waves to control accuracy out-put to and in conjunction with the Frequency Counter.
 16. Synchronization Level for accurate calibration .
 17. Synchronization in-put jacks, for instrument connections, for testing.
 18. A carrying case to be a part of the instrument that will look very professional yet very durable, instrument blue gray in color, containing a locking device where-by no person other than those authorized to use the instrument can get into the case with a key. (see the enclosed information sheet added to this for clarity of requirements).
 19. It is preferred two metal plates to be affixed to the instrument. See requirements below .
 - A. "Serial No. JLMSQ - 1A Property of John E. Marsh et.al."
 - B. " To be used for investigational and research purposes only. U.S. Gov. Law "
 20. To be furnished to John E. Marsh these following items in addition to completed accurately built and tested instrument ;
 1. Complete set of schematic plans .
 2. Complete bill of materials that makes up the instrument.
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