

EAIRLY SQM VTA TESTS

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Brighter Tomorrow though information today

5/24/86

THIS DOCUMENTS AN EVENT OBSERVED SAT. AFTERNOON AT SPARKY'S LAB (3:00 PM) WHICH WAS PERFORMED INITIALLY ON 5/19, WHICH MAY BE A HISTORICAL DATE. MARK YI WERE SHOWN HIS NEW VERSION OF THE STATIC DEVICE, WHICH IS SUBSTANTIALLY OF SIMILAR DESIGN AS THE DRAWING ATTACHED TO Pg. 3, DRAWN BY ASHLEY. ONLY MODIFICATIONS WERE THAT MAGNETS WERE SUBSTITUTED -

1x4x6 ceramic plates instead of the 7/8" $N_2Fe_{14}B$ cubes - & the excitation coils were oriented at 90° to the power coils. I'm not sure if wire size, turns etc remained same.

Power supply was from WAVEFORM 5-60AC generator, with line power, producing a sine wave, vs. Tom's battery supplied square wave oscillator. Frequency generally affected resistance (20W?) of bulb load & proportionally brightness increased w/ frequency, decreased w/ freq., except at certain points it appeared inversely related, increasing as decreased, etc.

MINAZIAN - like Scoville's exp. Biologist 7
UN. Mex. at Mexico City

excitation coil at 100 kHz

$2\pi fL$

reactance \approx imped.

space-time impedance
related

Possibility of previous experiment (Doris & Ash's)
had power that was too high - paralyzed
flux

Bob Dorisoff - Electro Bus - traction motor designer

Bill LAWRY - Univ. of Utah, Vant) Blvd.
Bus consult,
Pro's Test inc
600 N. 1st St.

Oscillator: 12V ^{bulb load} ~~out~~ f output Volt. 12V RMS

low current - 1 mA + 6500 mA

f = 60-400 kHz sine wave

~~low~~ 6 W MAX

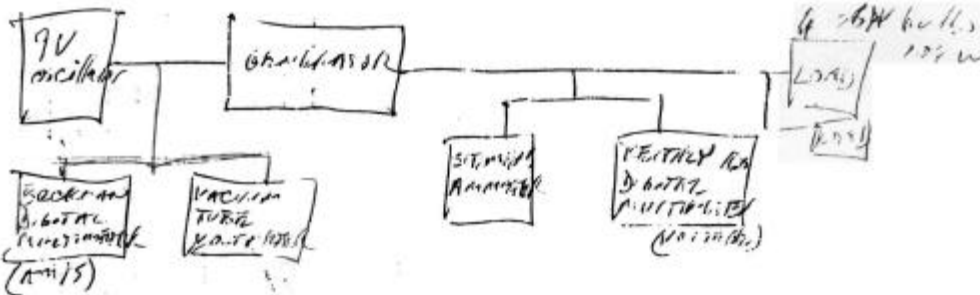
IN CONNECTION, INTERACTION WITH THE
 SPACE TIME QUANTA, WHICH HAVE SOMEHOW BECOME
 INVOLVED TO CONSCIENCE. THIS INTERACTION PROBABLY
 WOULD NOT BE REFERRED TO AS A
 MAGNETIC FIELD, WHICH HE FEELS IS NOT A PRIMARY
 INTERLUDE HEYMAN. ^{part of the magnet} - BECAUSE

- 1) DC current is only required to support IR losses - the magnetic field requires no power, is not loaded by wires passing thru field, etc.
- 2) (I add, ANOTHER VARIATION OF SOME HOMOPOLAR CONFIG. DIMENSIONAL FIELD DOES NOT rotate w/ magnet)

VECTOR QUANTITIES OF FIELD ARE ANALOGOUS TO A
 FIVE BUILDING BLOCK ^{bidirectional current}

28 I am the INVENTOR OF THE DEVICE
 described on pgs through pg 32
 (6/12/56) Extension of 78.13 Floyd A. Sweet

DESCRIPTION OF SET UP



Backward placed around to double check Amp + Volt reading at double input & output

THE RESULTS OF 6/4/56 WERE 105,000 X - 11, 000 ON A SUBSEQUENT TESTS (6/6/56) INCORPORATED THE LOAD BY ADDING A 25V RHEOSTAT VARIABLE.

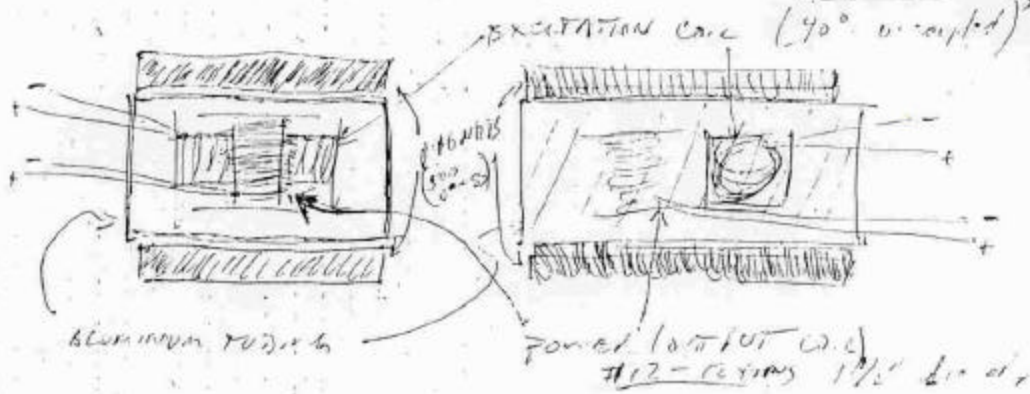
OUTPUT DEVIATIONS - GAIN OF 200,000 IS NOTED.

EXPLANATION IS UNKNOWN BUT SURELY INCLUDES THAT "SPACE FLUX QUANTA" WHICH ARE ASSOCIATED IN A DISORDERED STATE, COME INTO COHERENT & TRANSITION TO A MAGNET, AND FEELS THAT THE MAGNETIC

FIELD IS A RESULT OF INTERACTION OF FIVE PARTICLES QUANTUM EFFECTS AT THE MAGNETIC MATERIAL ATOM STRUCTURE IS UNCHANGED THROUGH SPIN STATES, BUT DO ORIENTATION SPIN-ORBIT COUPLING, ETC.

JAS

THE BLOCK

#18-~~12~~ turns 1 1/2"

OPERATION: oscillator put 143 mA, 70% of 12V AC
 at approx. 400 Hz \approx 1 mA into the
 EXCITATION COILS which, is DECIPHERED, EFFECTS
 THE RISES OF FLUX OF THE PERMANENT MAGNETS,
 FLUTTERING THIS FLUX. ONCE MOVING, THE
 FLUX GROWS & DECAYS AT THE EXCITATION
 HEADQUARTERS AND APPARENTLY INDUCES, BY FLUX-
 LINKING, A CURRENT IN THE OUTPUT COILS
 WHICH IN THIS CASE WAS MEASURED AT 4.6A X
 24.2V = 111.32 WATTS - measured force, shared
 by 3 persons.

IT SEEMS TO BE EFFECTED BY THE QUALITY OF THE
 SINE WAVE, REBATE OF HARMONIC DISTORTION.
 SUCH AS THE FIRST HARMONIC OSCILLATION ~~THE~~
 (Circuit on 18 26-7)

11/2
1/21

FAS

FAS

Present speculation regarding developing power
 the range of 1-5 kW
 by increasing the area of wire exposed to, or
 decreasing the inductive magnetic field,
 should establish the output. Exact proportionality
 of ~~area of~~ space-filling volume of windings to
 output have not been determined with
 precision, but a relation is evident.

- Questions about the contributions of eddy currents
 in the aluminum box will be assessed by
 substituting a plastic box

Magnet wire seems to be secondary to ~~material~~
 size of windings - ~~transformer~~ wire diameter,
 input voltage & current

- Current limited by wire impedance only
 which rises dramatically in the field to
 a few hundred ~~kΩ~~ ^Ω - ~~for~~ impedance
 exposed to field of $2-3 \frac{V}{cm}$ at 600 Hz
 (almost equals $\frac{E_{eff}}{c}$ NO EXPLANATION)

- TEMPERATURE: 1 HOUR ASSEMBLY RUN ALL NIGHT
 - 0.17 - with no noticeable, (unmeasured) heating

32 WAS

PUTTING UP THE ARCH IN D OUT 20
WHAT YOU USE THE CE FOR A
SUPPLY OF AN EXECUTION CO (

output of oscillator should be 50 Ω
could be 600 Ω - need more turns

reflecting Γ - with $\sim 50 \Omega$ load
impedance = inductive reactance
 $X_L / 2 \pi f_0$ + ohmic
(so low)

Z varies w/ f

resonant f - $1/\sqrt{LC}$

distributed capacitance - self inductance

$$4\pi P^2 L = 10^5 f$$

no expected resonance problems.

field



spherical cap
w/ light bulb & lamp

11/20 #16

most significant - input power is measured

on a ~~16000~~ ^{705V} Beckman multimeter purchased 1

power: $705V \times 0.000031A = 23 \mu W = 0.00002325$

output: $10.41V \times 1.84A = 19.1544W$

$9.1544W / 0.023mW = 398,000$

$= 398,000\% \text{ GAIN}$
 $83,260,000\%$

conversion of

ohmic resist. coil = 1Ω
 120 turns #20 $1:232,000$

Driven up being in field

impedance increases when in field
 would load down oscillator to zero

$Z = \frac{E}{I} = 2.5M\Omega$ in field I is infinitesimally small

$\frac{E \rightarrow 0}{I \rightarrow \infty}$ out of field

CAN THERE BE A MASS? TO SPEAK QUANTA?

is \oint line integral - needs infinite # of poles
 components - infinite

impedance is millions ^{higher} in field $I \downarrow V \uparrow$
 drift velocity increases?

no axial winding on stator

