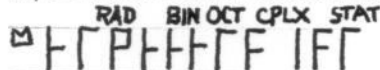


SOLAR CELLS OPERATING IN THE DARK (file 7)

On the morning of April 25, 2001, the LCD screen of my solar cell scientific calculator (Sharp, EL-545) displayed the following nonsense: 

I had used the instrument for 15 years and never noticed such a display. By the end of 2003 I had seen a total of nine, but in 2004 I recorded 50 from January through April, 60 in May and June, and almost 400 in July and August. There was something wrong in the skies. I bought 36 solar cell powered calculators (fx-260 solar of CASIO) which had been kept in the darkest corner of the rack and displayed outstanding nonsense; and I decided to monitor the new situation on Earth.

It was, in fact, a case of amplified microwave radiation from a cloud of unknown origin. I discovered the event on July 19, 23 h UT, when microwaves (117.29 - 121.715 MHz) from around the zenith (at 45 N) were one to two orders of magnitude stronger than usual. During the following 534 hours the strength of the signal in the 16 channels of a K-16 GE Transponder was measured every hour. I recorded more than 50 sudden surges or fadeouts, half of them on channel one. Since I was alone, 30 hourly datasets were lost by fatigue. On August 11, 5:00 UT, the Earth was still in that abnormal state of enhanced microwave radiation. One hour later, everything was normal as it had been for the previous five years.

In July 2004, the radiation which disturbed my solar cell powered calculators arrived in showers, once every 30-45 minutes; and their effect could be observed on some 150-200 spots per square meter, like splashes of heavy raindrops from a cloud. The basement of a 3-storey building offered no protection, but 50 cm of wood, or 30 cm of water, or 3

inches of hard rubber reduced the number of displays per hour to a trickle. A quarter-inch plate of aluminum enhanced the effect, and a protective cover of lead (5.4 mm) doubled the output of displays and blankouts which lasted from a few minutes to a day or more. Mutations to a different display occurred if I pressed the '=' button; when the instrument could not be reactivated by the 'on' button, I called it a 'lockout'.

A display was created in less than a second. On certain nights in July, 2004, I could not jot down the pattern before the next stronger event wiped it out; but the intensity of this radiation varied within wide limits in a single day.

Special attention was given to numbers appearing on the screen. Most of the numbers were a combination of multiplications and additions. The number 6307.976 529 which appeared on June 17, 2009 (5:20 UT) is, for instance, equal to $7 \times 17 \times 53 + 16 \times 61 \times 10^{-3} + 23 \times 23 \times 10^{-6}$. I recorded 129 different numbers in a single year (July 2008 - June 2009).

π was observed three times, but e has not occurred as yet. A curious case of printing in reverse was observed on December 11, 2008, between 4:30 and 5:15 UT:

4:30	<u>1.376 542 436</u>	(K,RAD,SD)
5:00	8.9 <u>13 765 424</u>	idem
5:05	6.638 <u>913 765</u>	idem
5:15	8.966 389 <u>138</u>	idem
=	<u>8.9 663 89 1376 542 436</u>	

At one time I wanted to know what a stack of four, duly wrapped in a black garbage bag, would do when exposed to this radiation. It was always the second instrument from above which recorded the strongest effect.

In another successful experiment I blocked out radiation from around the zenith. The days were quiet (March 15-23, 2005), and each sector (45°) of the sky was observed with every instrument, that is, a full turn took 8 hours. I jotted down what I saw, but the numbers that follow indicate only how many times in 8 days a display was observed:

North: 48, NW: 47, W: 43

SW: 28, South: 25, SE: 28

Northeast: 66

The maximum coincides with the known trajectory of protons on Earth.

The most disturbing results were obtained on January 12, 2009. At 14h UT, five out of 10 screens showed a blackout. I covered the instruments with 4 layers of an apron for X-ray Labs, that is with 5.4mm of lead. Thirty minutes later, all of the 10 screens were in a state of lockout, and it took quite a while before they were working again. Now I believed what my dentist had said for three years: that the form of caries in my teeth was known - and only known - from victims of the nuclear disaster at Chernobyl on April 26, 1986. I stopped working, and 10 months later the remaining teeth did not show a single trace of new caries; but half of my teeth were gone.

The conclusion is simple: Both, the microwave event in 2004 and the curious behaviour of solar cell powered calculators were the outcome of nuclear experiments in interplanetary space. The speed of the 'radiating cloud' was the same as the speed of shockwaves generated by major explosions on the Sun: a case of marvellous engineering paired with the hope that nobody will notice. The hope did not come true.

Table 3: EXAMPLES OF ODD DISPLAYS

											≠	SD
-	3	MODE	2	M	K	6	8					SCI
SHIFT	2	7	0	1	9	8	9	RAD	GRA	1	SCI	SD
SHIFT	MODE	hyp	M	K	DEG	RAD					FIX	SD
-	1.	6.	0.	7	2	0.	E	3.	6			EH
-	1.	16	35		DEG	5	2	8	35			-9E
-	8.	13	12	K	RAD	1	12	9				SD
				K	RAD							SD
											-E-	
-	P.	P.	P.	P.	P.	P.	P.	P.	P.		FIX	SD
												PP
SHIFT	MODE	hyp	M	K	DEG	RAD	GRA	FIX	SCI	SD		
	0.	0.	0.	0.	0.	0.	0.	0.	0.			-90
SHIFT	MODE	hyp			DEG	RAD	GRA	FIX	SCI	SD		
					7	E						-f
-	1.	6	1	1	1	1	1	1	1	1	1	SD
												=

1. simple pattern, incomplete
2. mixed pattern, incomplete
3. mixed pattern with number(s)
4. mixed pattern, many functions
5. simple number
6. number and several functions
7. error (insufficient memory)
8. one symbol, C-mutation
9. two symbols, full mutating set
10. simple pattern, many functions
11. simple pattern, RAD and/or GRA
12. blankout, check for C-mutation

Valid for CASIO, fx-260 SOLAR (2004-2009)