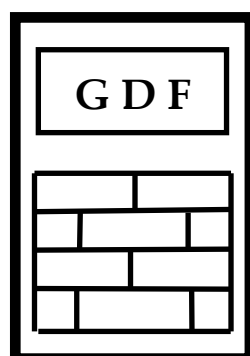


GDF DATA BANKS BULLETIN



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(Erratum)

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Interaction of capacitors with Human Mental Field and Bio-Fields.

XIV. Aluminum electrolytic capacitors.

Experiments on unpolarized capacitors including quartz crystal oscillators were performed continuously for 4 years by using differential amplifier circuits [1, 2]. Important concluding remarks were established. However, thorough separate experiments on water and electrolyte solutions revealed also their interaction with HMF and BF given by the inductive element in their composite structure [3, 4 and the cited references therein].

As the imminent idea was to measure voltage variation on an electrolytic capacitor directly connected to a digital voltmeter in view to observe eventual interaction with HMF and BF and the results were amazing positive. More intriguing fact was to replace in the channel 8 of the initial measuring circuit [1] with an electrolytic capacitor of 3300 $\mu\text{F}@25\text{V}$ directly (!) to PicoLog 20 by connecting cathode (K) at GND (Figure 1, TEST-1). It resulted the exact the same variation of the ratio $Mm(\text{ch.X})/Mm(\text{ch.1})$ vs ch.X as in the all previous series of measurements [1, 2]. Figure 3 is a selection of measurements on channel 3 (unchanged from the initial circuit [1]) and channel 8.

Figure 1, Table 1, 2 and Figure 2 clearly show the exact series of planned measurements in the present note and Figures 4-11 show associated selections of usual measurements over 24 hours.

Measurements evidence the polarity of U_{dc} depending on the connection of anode (A) at positive or GND, respectively and its amplitude is proportional with the capacitance.

It is important to remark that U_{dc} polarity can be positive or negative during the same measurement, so it result to be systematically connected with the BF and HMF, respectively as in the previous measurements. More and thorough measurements are in progress.

Figure 12 shows the dependences of Mm on capacitance for different series of measurements, so also a systematic linear variation results. The specific stored energy originated from BF and HMF for overall capacitors can be roughly estimated in the range of 0.8 - 1 J/F by considering slope values ($n1$), but more accurate estimations will be made in the next measurements. However, it is important to mention that this value depends on the daily pattern of interactions.

CONCLUSIONS:

1 -These measurements strongly and additionally substantiate the interaction between BF and HMF with electrolyte solutions, in particular by driving electric potential stored in electrolytic capacitors with specific polarity. This result can explain the electric behavior of the Ark of the Covenant as capacitor energized by a higher energy and spiritual source defined as the God in direct communication with the chosen people. The low energies stored in the present measurements show (i) the low positive spiritual potential of BF and (ii) the competitive negative potential of HMF.

2- Such measurements are necessary to be performed in different places and human communities in view to evidence local spiritual potential.

References

- [1] G. Dragan, Interaction of unpolarized capacitors with Human Mental Field and Bio-Fields.VIII. Dielectrics with high oriented crystalline structure, GDF Databanks Bull., 21(5) 2017.
- [2] G. Dragan, Interaction of unpolarized capacitors with Human Mental Field and Bio-Fields.VIII. XIII. Results obtained over 2019, GDF Databanks Bull., 24(4) 2020.
- [3] G. Dragan, DTA study of water freezing. VII. More statistical features on one week of experiments, GDF Databanks Bull., 17(5) 2013.
- [4] G. Dragan, Mental field-water interaction as evidenced by Isothermal Convection Flow Calorimetry (ICFC). II. Effect of convection flow power, GDF Databanks Bull., 18(2) 2014.

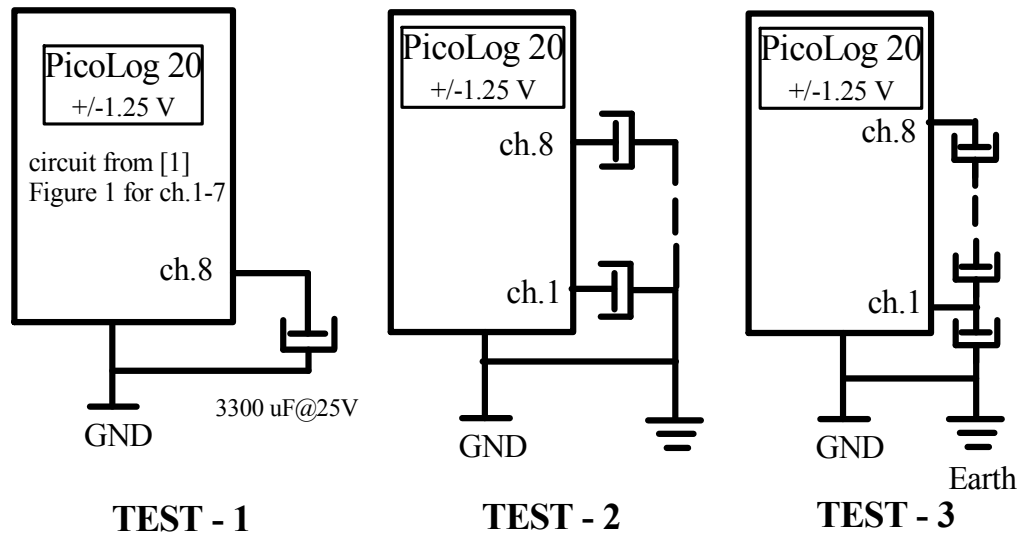


Figure 1. Main experimental schematics with electrolytic capacitors.

Table 1. Distribution of electrolytic capacitors (RMOC) on PicoLog channels for TEST-2 (Figure 4).

channels	C , μ F	GND	channels	C , μ F	GND
1	220	K	3	100	K
2	220	K	4	3300	A
channels	C , μ F	GND	channels	C , μ F	GND
5	47	A	7	220	A
6	220	K	8	220	A

Table 2. Distribution of electrolytic capacitors on PicoLog channels for TEST-2.

channels	C , μ F	channels	C , μ F	channels	C , μ F	channels	C , μ F
1	100	3	330	5	680	7	2200
2	220	4	470	6	1000	8	3300

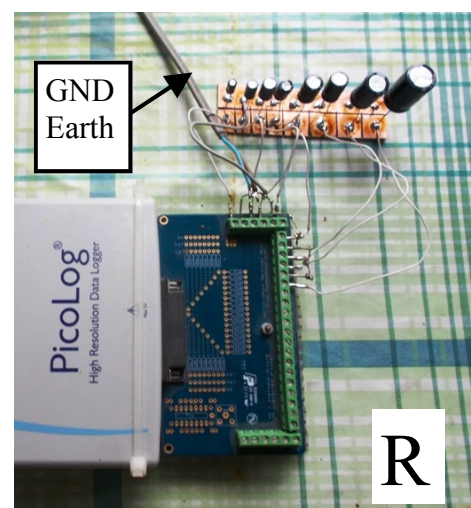
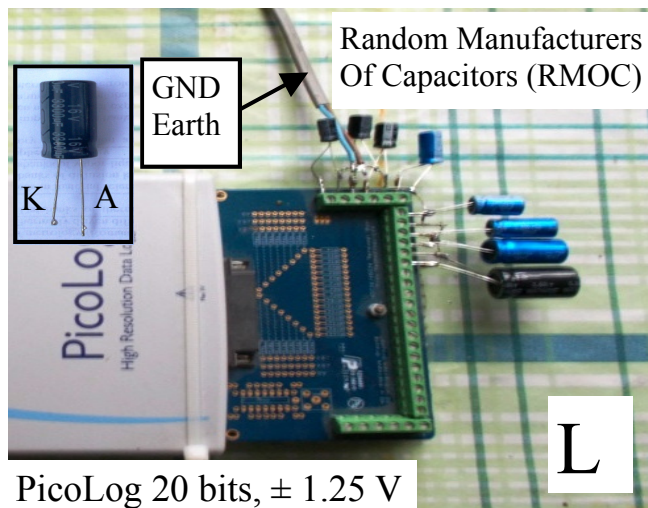


Figure 2. Connection of aluminum electrolytic capacitors to PicoLog ADC 20.

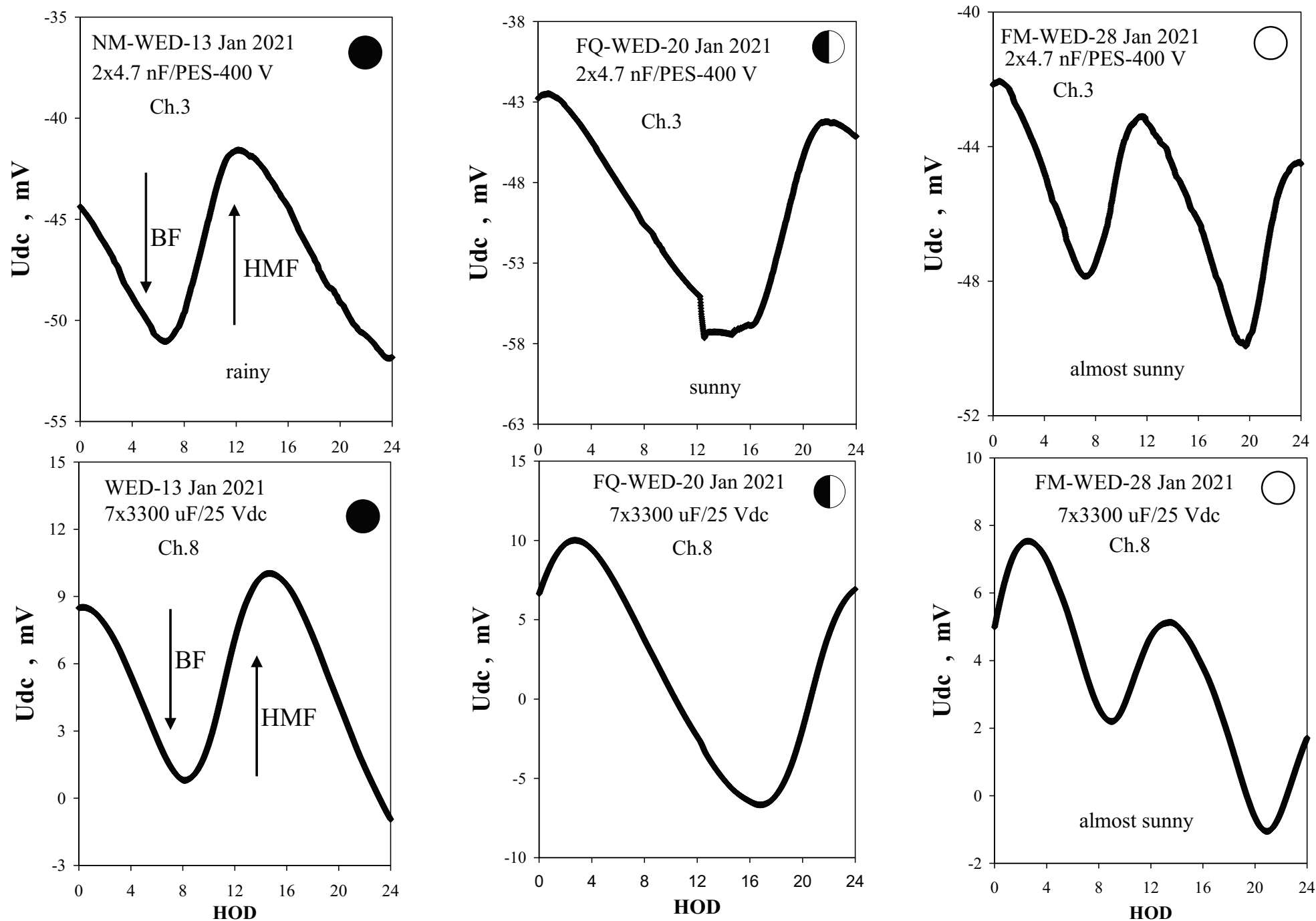


Figure 3. Three subsequent experiments according to schematics TEST-1 (se the text).

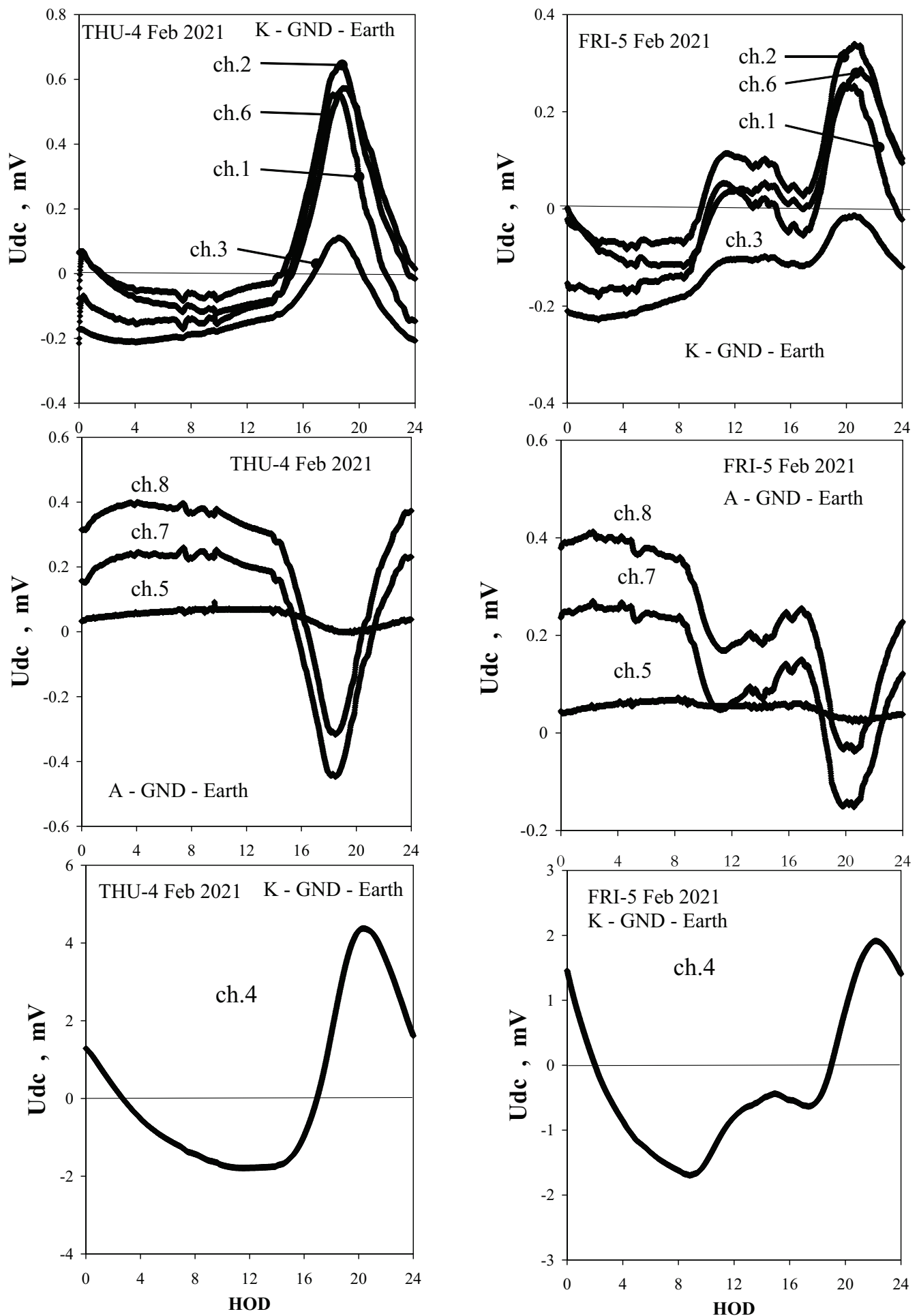


Figure 4. Experiments on electrolytic capacitors (RMOC) @ 25V(see Table 1).

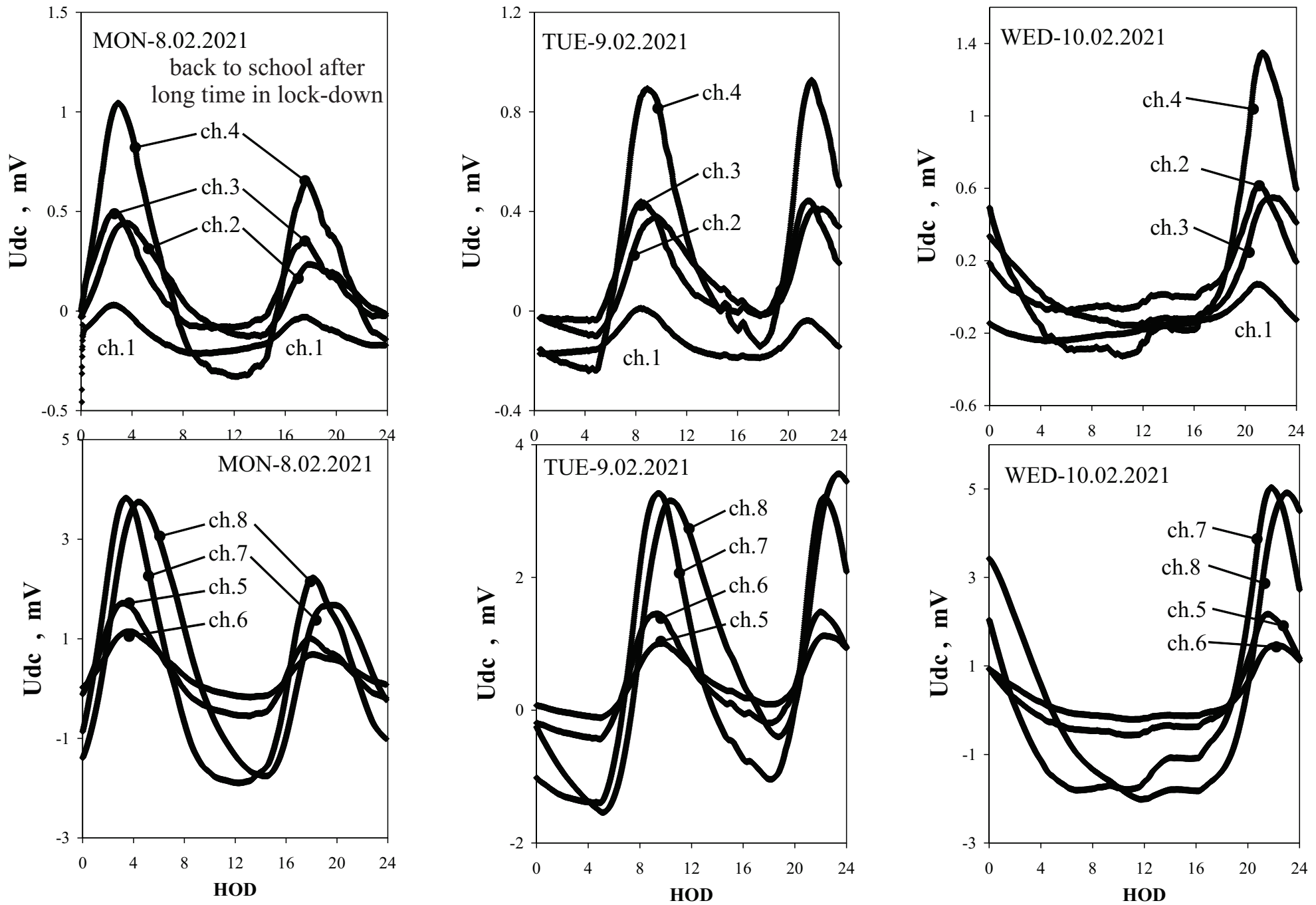


Figure 5. Experiments on RMOc @ 25V according to Table 2 (all connected as K-GND-Earth).

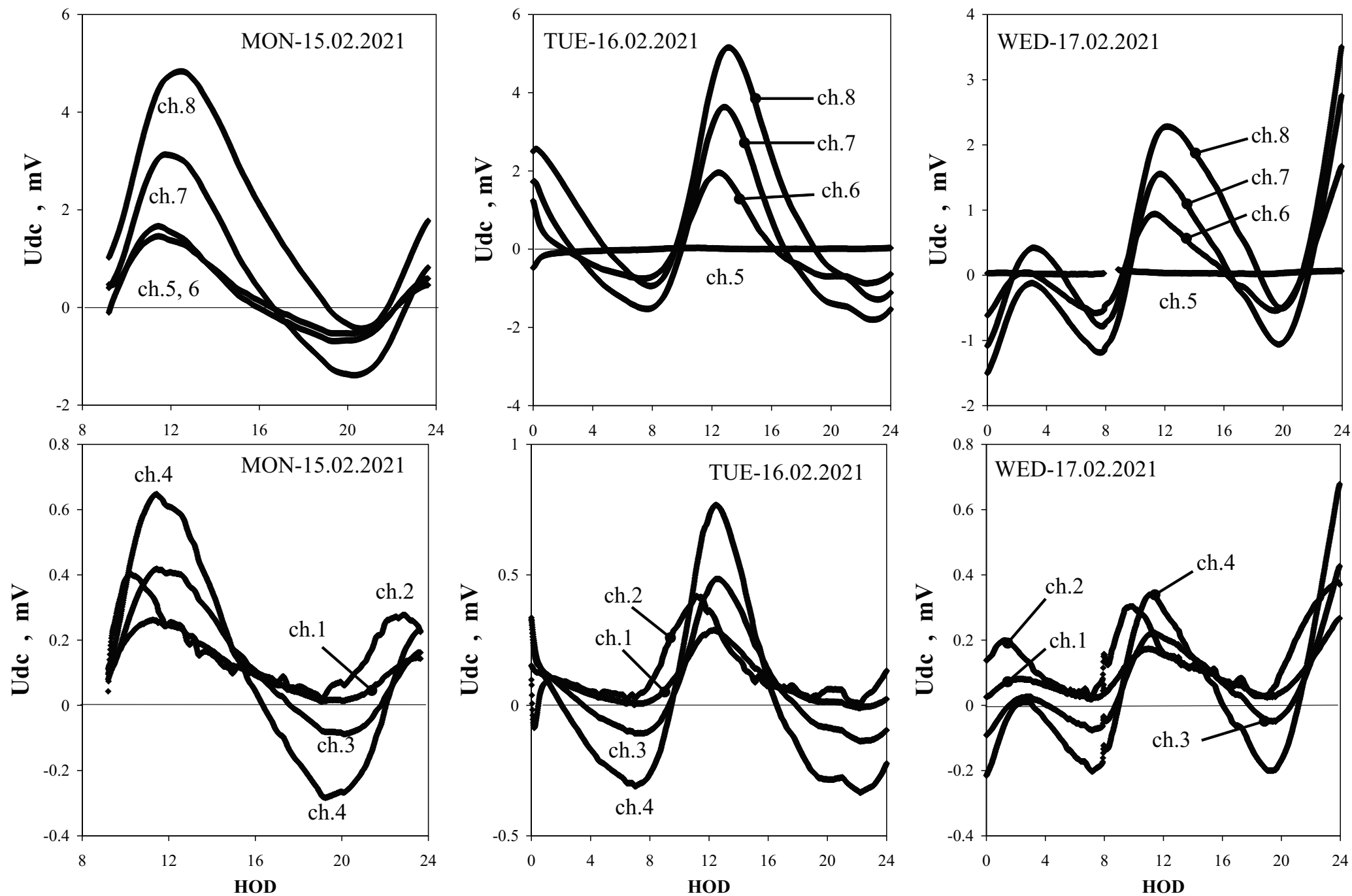


Figure 6. Experiments on Fujicon electrolytic capacitors @ 25V as distributed according Table 2 and all K at GND-Earth.

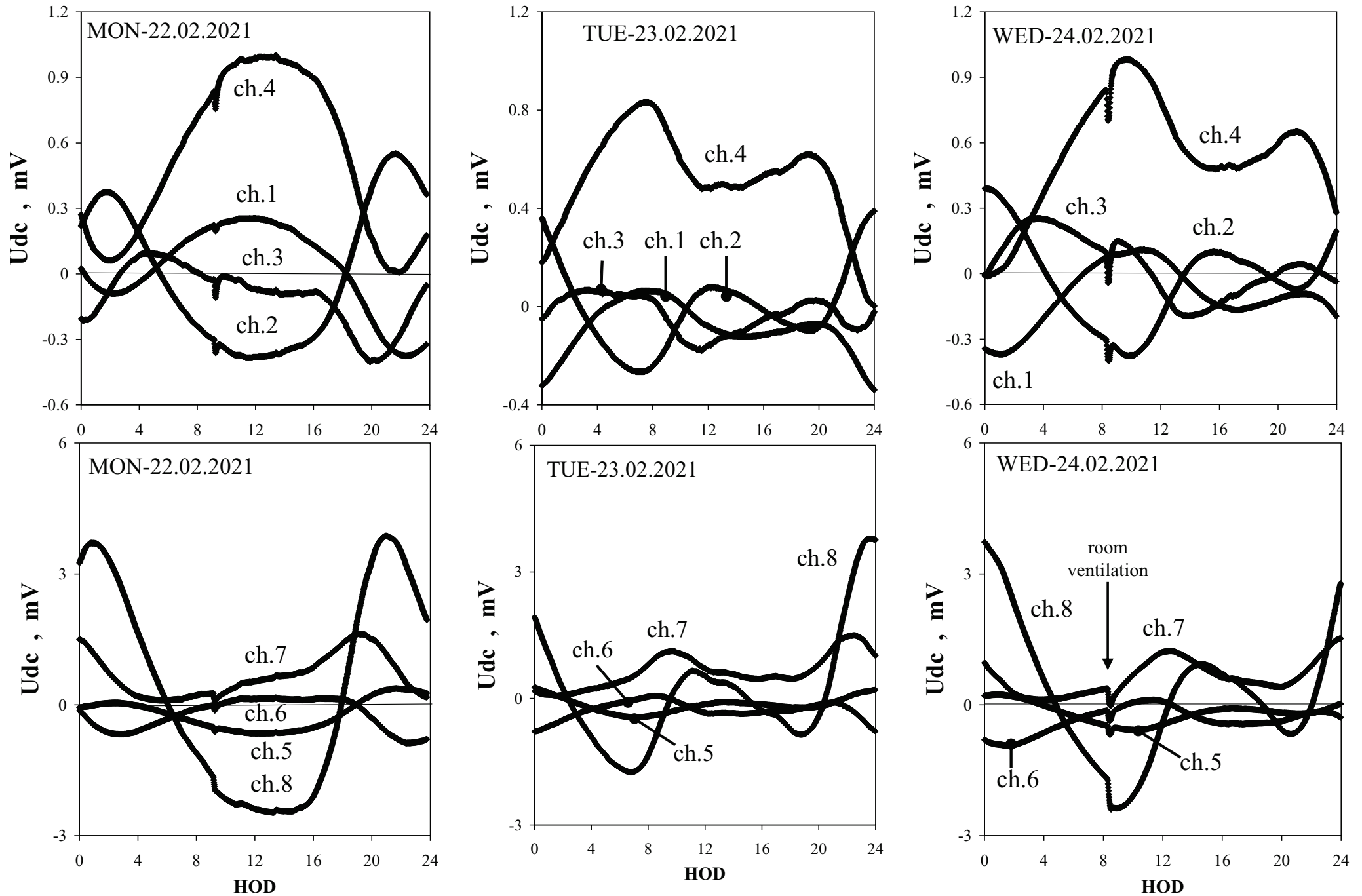


Figure 7. Experiments on Fujicon electrolytic capacitors all 3300 μ F @ 25V according to TEST-3.

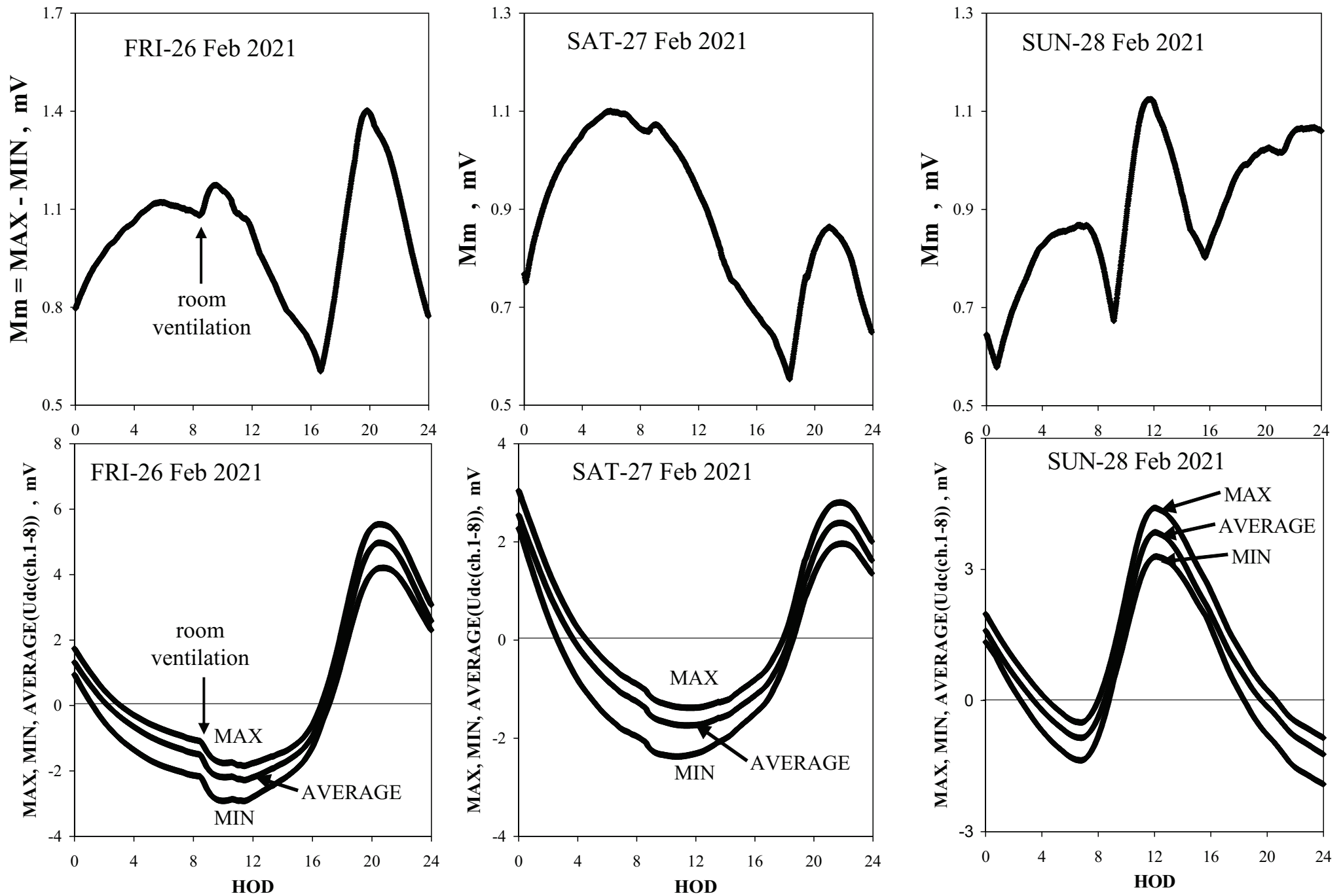


Figure 8. TEST-2 experiments on all Fujicon 3300 uF @25 V.

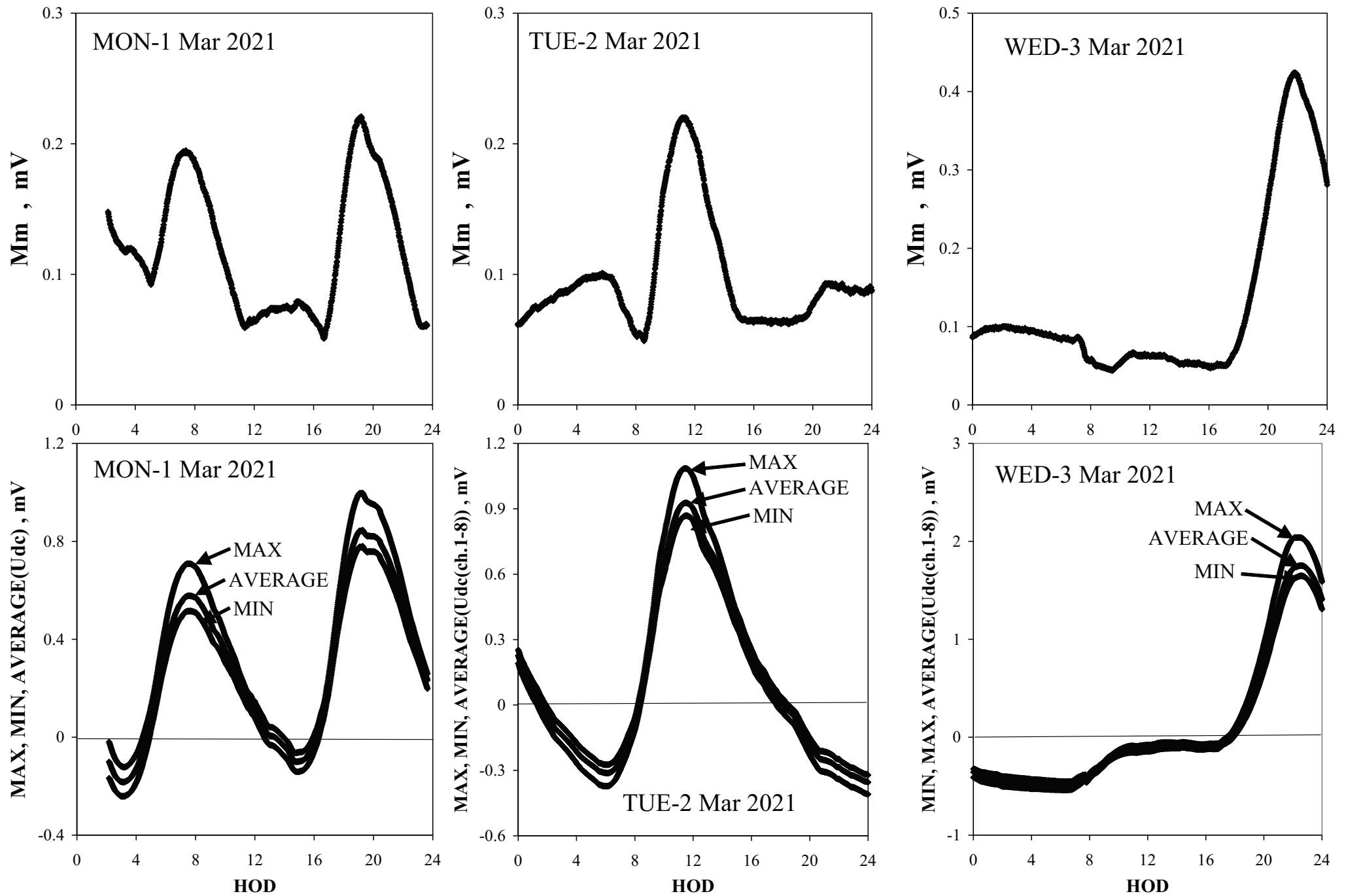


Figure 9. TEST-2 experiments on all Fujicon 1000 uF @25 V.

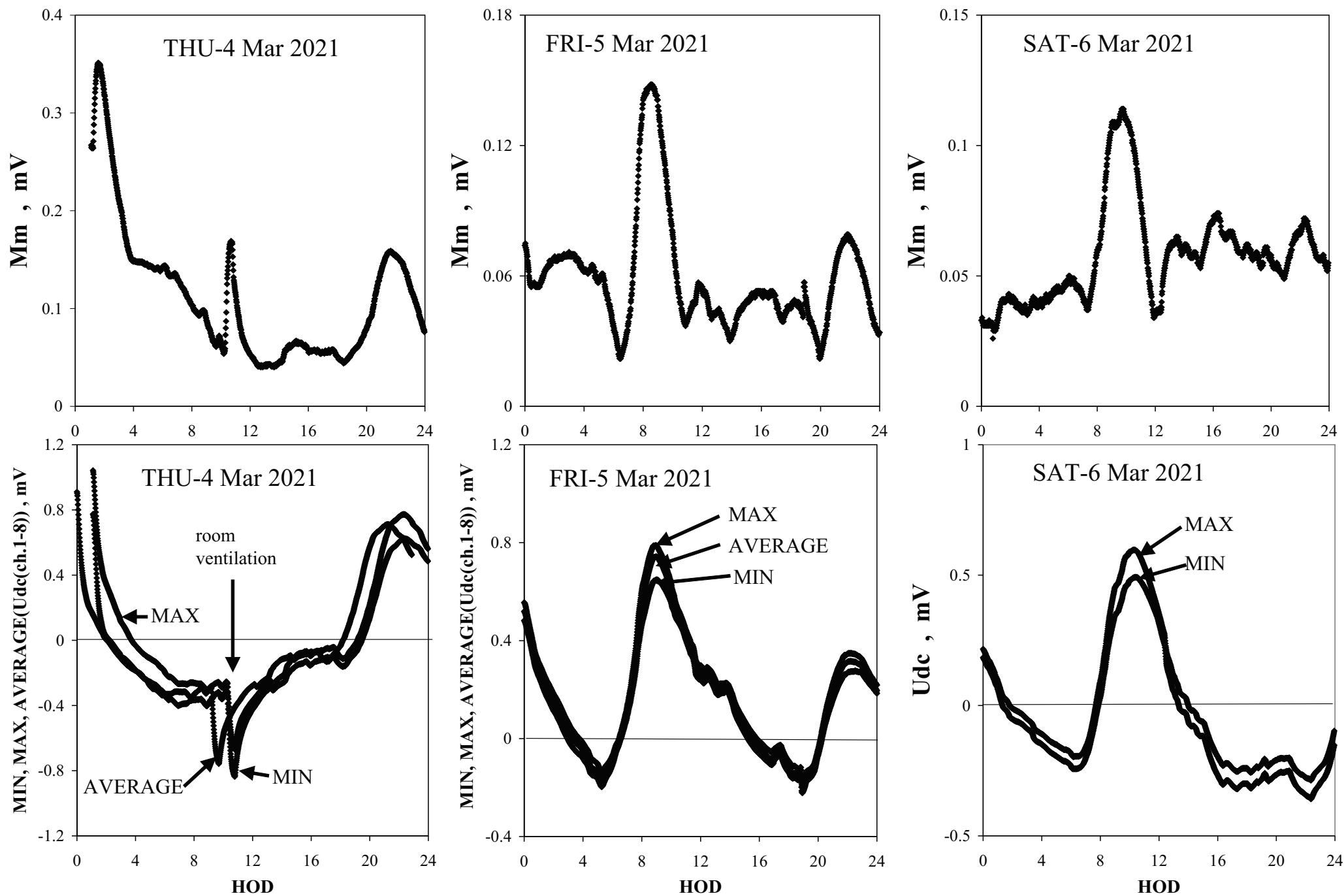


Figure 10. TEST-2 experiments on all JB-JRB 470 uF @25 V.

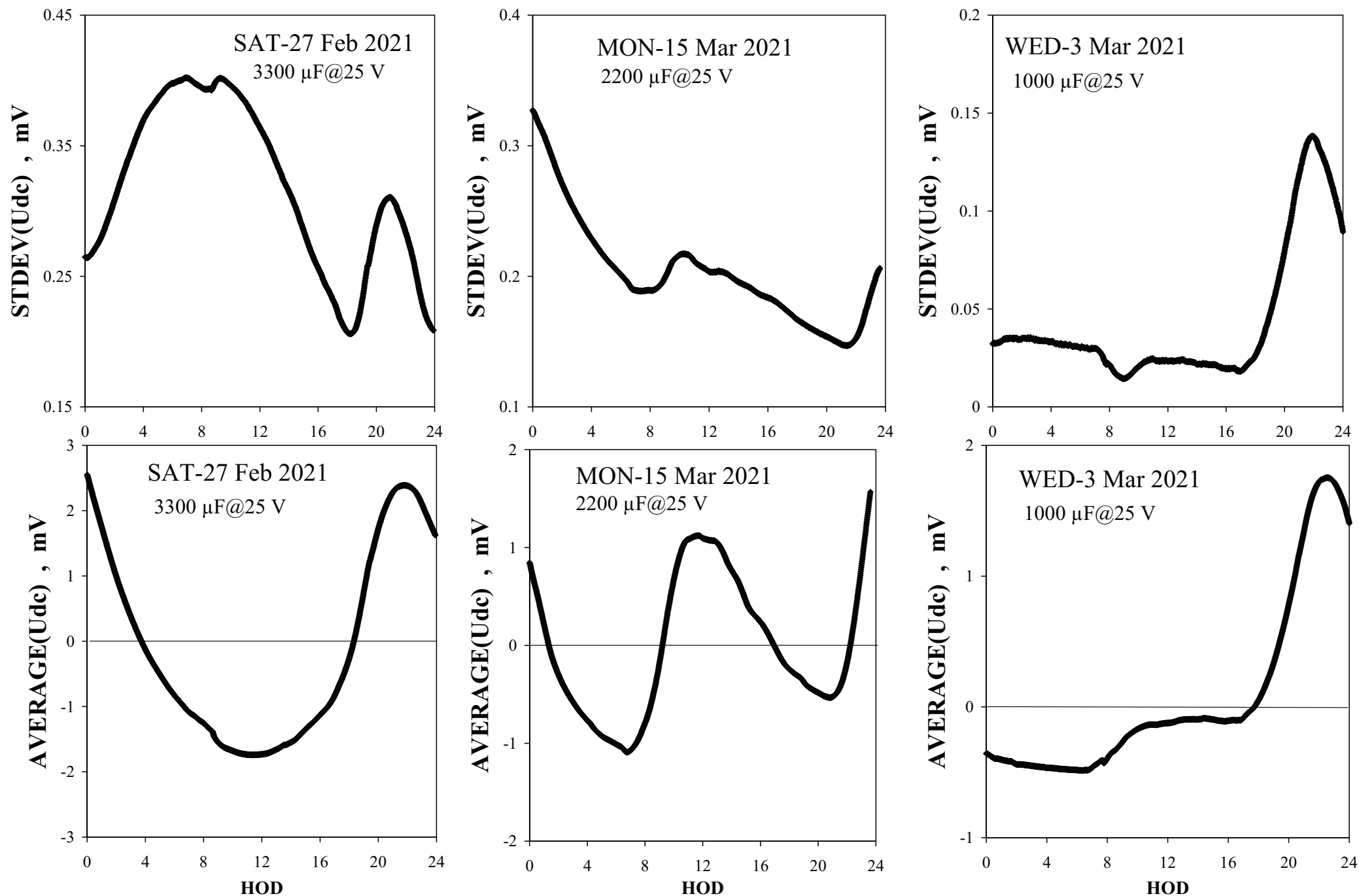


Figure 11. Selection of experiments according TEST-2 on Fujicon capacitors all 8 same value.

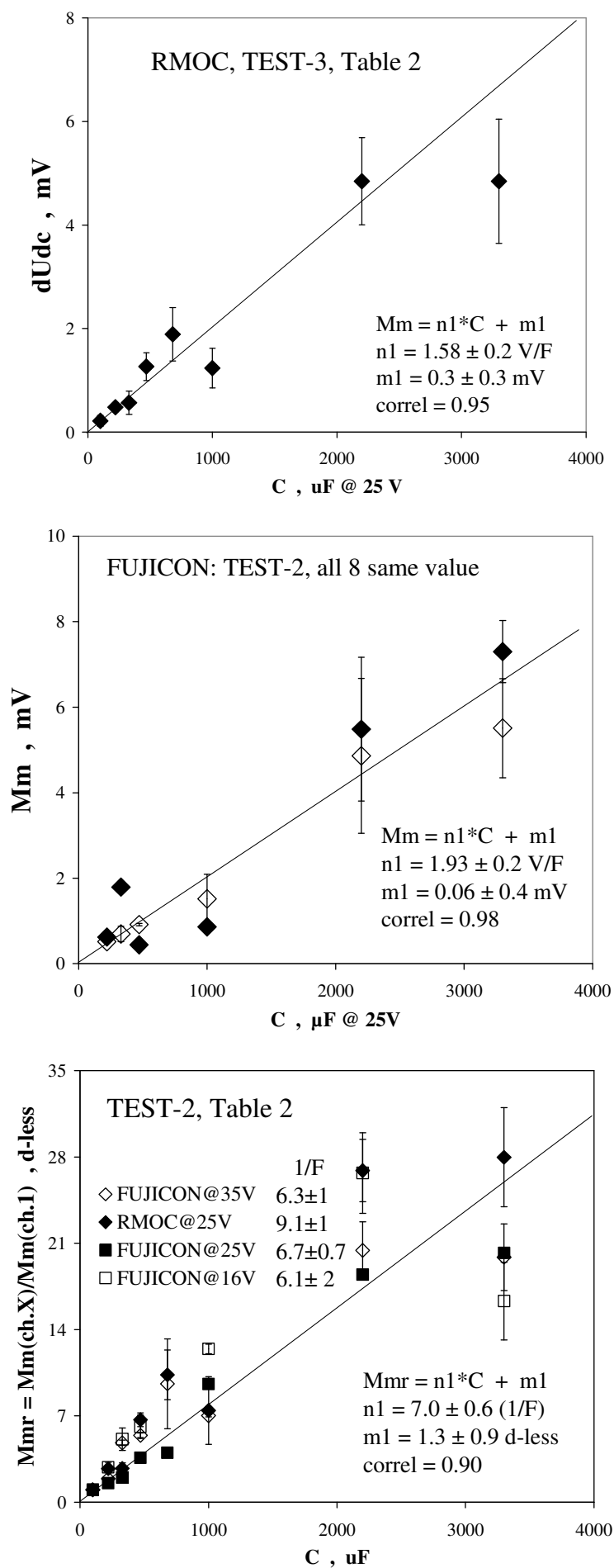


Figure 12.

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publications	<ul style="list-style-type: none">● >100 scientific papers● >70 scientific communications● 17 patents● 6 books
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Year	VOL	NO	Content (titles)	(\$*)
1997	1	1	Editorial: Databanks – the compulsory language. LOGKOW – a Databank of evaluated octanol-water partition coefficients (James Sangster). Solubility behavior introducing topoenergetic working principles. Comments on 1-octanol-water partition of several n-alkane related series.	F
1997	1	2	Guide of good practice in metrology (Romanian)	AFI
1998	2	1	Editorial: socio-psychological implications in creation and utilization of a databank (Ioan-Bradul Iamandescu); Behavior in vapor-liquid equilibria (VLE): I. Structural aspects; Behavior in vapor-liquid equilibria: II. Several structures in databanks; Symposium on VDC-4 held on 30 October 1997 at Lubrifin-SA, Brasov (Romania).	F
1998	2	2	Practical course of metrology (Romanian)	AFI
1998	2	3	DIFFUTOR-01: Thermally driven diffusion in pure metals	AFI
1998	2	4	VAPORSAT-01: Databanks of thermally driven VLE. The first 100 simple molecules	AFI
1999	3	1	Editorial: New trends in material science: nanostructures (Dan Donescu) DIFFUTOR: Databanks of diffusion kinetics. VAPORSAT: Databanks of vapor-liquid separation kinetics.	F
1999	3	2	Discussions on Applied Metrology	AFI
2000	4	1	Editorial: Laboratory accreditation and inter-laboratory comparisons (Virgil Badescu) Doctoral Theses – important data banks. GDF intends to open new series of experiments on thermo-physical properties. Some comments on uncertainty: global budget and DFT analysis. Events: The 9 th International Metrology Congress, Bordeaux, France, 18-21 October 1999.	F
2000	4	2	Measurement and Calibration.	AFI
2001	5	1	Editorial: Metrology ensures moral and technological progress. Topoenergetic aspects of amorphous-crystalline coupling. I. Composite behavior of water and aqueous solutions (paper presented at nanotubes and Nanostructures 2001, LNF, Frascati, Rome Italy, 17-27 October 2001). Events: Nanotubes and nanostructures 2000.School and workshop, 24 September – 4 October 2000, Cagliari, Italy.	F
2001	5	2	Editorial: Viscosity – a symptomatic problem of actual metrology. Visco-Dens Calorimeter: general features on density and viscosity measurements. New vision on the calibration of thermometers: ISOCALT® MOSATOR: Topoenergetic databanks on molten salts properties driven by temperature and composition.	F
2002	6	1	MOSATOR-01: Topoenergetic databanks for one component molten salts; thermally driven viscosity and electrical conductance.	AFI
2002	6	2	Editorial: HuPoTest - Operator calibration or temporal scale psychic test. MOSATOR: topoenergetic databanks of one component molten salts; thermally driven viscosity and electrical conductance.	F
2002	6	3	Editorial: Quo vadis Earth experiment? ISOCALT® : Report on metrological tests	F
2003	7	1	Editorial: Time – an instrument of the selfish thinking. 1 st NOTE: Homoeopathy: upon some efficient physical tests revealing structural modifications of water and aqueous solutions. I. Mixing experiments.	F
2004	8	1	Metrological verification and calibration of thermometers using thermostats type ISOCALT® 21/70/2. Metrological verification and calibration of thermometers using thermostats type ISOCALT® 2.2R.	F
2004	8	2	Aspects of correct measurements of temperature. I. measurement of a fixed point according to ITS-90. Physics and Homoeopathy: some physical requirements for homoeopathic	F

			practice.(Plenary lecture at the 19 th SRH National Congress, 21-22 September 2004, Bucharest, Romania)	
2005	9	1	AWARD for ISOCALT® at the International Fair TIB-2004, October 2004, Bucharest. ISOCALT® 3/70/21 was awarded in a selection of 20 products by a commission of experts from the Polytechnic University of Bucharest. Upon some aspects of temperature measurements. (12 th International Metrology Congress, 20-23 June 2005, Lyon, France)	F
2005	9	2	A new technique for temperature measurement and calibration. National Society of Measurements (NSM). Important warning for T-calibrator users: MSA has chose metrology well calibrators from Fluke (Hart Scientific).	F
2005	9	3	Universal representation of Cancer Diseases. 1. First sight on NSW-2003 report. Universal representation of Cancer Diseases. 2. UK cancer registrations on 1999-2002. Vital Potential can estimate our predisposition for cancer diseases.	F
2006	10	1	NTC – thermistors -I	AFI
2007	11	1	HuPoTest - 40 years of continuous research Basic rules for preventing and vanishing cancer diseases Climate change = change of mentality Hot nuclear fusion – a project of actual mentality	F
2007	11	2	MT – Introduction to Mental Technology HuPoTest – general procedure, assignments of results, specimen of complete test, order and obtain your complete HuPoTest report	F
2007	11	3	TRESISTOR© - data banks of materials with thermally driven electric and magnetic properties TRESISTOR© - NTC -I - data bank of NTC thermistors	AFI
2008	12	1	Australian population: life, death and cancer	F
2008	12	2	Pattern of Cancer Diseases	F
2008	12	3	Adiabatic calorimetry – summary description of the demo prototype	F
2008	12	4	Flight QF 30 and even more... Temperature calibration of NTC-thermistors. 1.Preliminary results.	F
2009	13	1	Proposal for interlaboratory comparisons. Calibration of NTC-thermistors (The 14 th International Metrology Congress, Paris, France, 22-25 June 2009).	F
2009	13	2	Sudoku – un algoritm de rezolvare. (Sudoku – an algorithm for solution).	AFI
2009	13	3	Cancer and Diabetes – as social diseases. (Open letter to all whom it may concern).	F
2010	14	1	Studies on cement hydration by High Resolution Mixing Calorimetry (HRMC).	F
2010	14	2	Measuring tools for subtle potentials; pas-LED: an efficient measuring tool for subtle potentials.	F
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2010	14	4	Cancer as an erosion process in human society.	F
2010	14	5	Cancer erosion in Australian human society: 1982 – 2006.	F
2010	14	6	Cancer erosion in German human society:1980-2008.	F
2011	15	1	Procedures and devices for energy and water saving. (I) (in Romanian).	F
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2011	15	3	Topoenergetic aspects of water structuring as revealed by ac electric conductivity.	F
2011	15	4	Topoenergetic aspects of human body	F
2011	15	5	HuPoTest: four month study of a case	F
2012	16	1	DTA study of water freezing. I. Upon some aspects of repeatability.	F
2012	16	2	DTA study of water freezing. II. Statistical features on one week of experiments.	F
2012	16	3	DTA study of water freezing. III. New facts on daily mental field.	F
2012	16	4	Mental field and state of health. Câmpul mental și starea de sănătate.	F

2013	17	1	DTA study of water freezing. IV. New facts on energy circuits.	F
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2013	17	10	1. Procedure for defining standard liquids for viscosity based on topoenergetic principles. 2. Topological aspects of flow and deformation in polymer composites, The VIII-th International Congress on Rheology, 1-5 September 1980, Naples, Italy, pp. 375-376. 3. Universal representation of flow behavior based on topoenergetic principles, The IX-th International Congress on Rheology, 8-13 October 1984, Accapulco, Gro. Mexico, pp. 369-376. 4. Comments on "Universal representation of flow behavior based on topoenergetic principles", The IX-th International Congress on Rheology, 8-13 October 1984, Accapulco, Gro. Mexico, pp. 369-376. 5. Open letter to BRML and INM.	F
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2021	25	4	Structural aspects of temperature phase transition in PTC-thermistors. IV. Topoenergetic structure of hysteresis behavior Book launch: Composite Structure of Human Mind	F
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2021	25	7	Estimation of global warming by differential calorimetric procedure. IV. Experimental results over 2020 Book launch: Composite Structure of Human Mind	F

*) F=free, AFI=ask for invoice.

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ERRATUM:

VOL.	NO.	place	CORRECT
15	2	Figure 5	P-
15	3	page 5, row 7 down-to-up	$x = 0.2$
22	3	Figures 4-6	Values of dT_c and exchanged heat must be divided by 10
22	6	Figure 4	$-N^2/M$ values are negative;
23	1	Figure 5	See Figure 8 and comments in issue 23(3)
23	1	HuPoTest-significance of calculated parameters	$(y_o, \Delta b) < 0, \Delta a > 0$: slow reaction $(y_o, \Delta b) > 0, \Delta a < 0$: impulsive reaction

I encourage readers to advice me any observation.

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