



FIRE LAB <small>BADANIA PALNOŚCI</small>	TEST REPORT		<i>Formularz KSZ-7.8/F-20 C/01.10.2023</i> Page 1 z 20
	No.: SBI-17/07/2025	Date: 5.08.2025	

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1. Sponsor:	Dubai Decor Kft. 6000 Kecskemét st. Kőhid utca 6. 1st. floor, door 2 VAT number: HU23763272	
2. Sponsor contact details:	Veszprémi Zsolt e-mail:info@jpdecor.eu CEO phone +36 70 618 3589	
3. Test method:	PN-EN 13823+A1:2022-12 Reaction to fire of construction products (excluding floors) subjected to the thermal action of a single burning object	
4. Purpose of test:	Control tests	
5. Identification of the product (specimen) based on the customer's statement:		
5.1 Identification of the product:	JP Decor Flexpanel made of PET and wood powder composite. Thickness is 9 mm. Mounting method: direct glue on wall with construction adhesive (polyurethane). Tests were performed on waved wall panel. End use: ceiling/wall cladding, inside suspended ceiling.	
5.2 Product reference document:	No info	
5.3. Sample collection data:	Sample delivered by the client	
5.4 Date and place of sample collection	Sample collected by the client	
6. Date of sample arrival to the Laboratory:	25.07.2025	
7. Sample condition assessment upon arrival:	Sample were cut and glued to gypsum board substrate by the sponsor. Waved wall panels had 2 structures. Due to the same composite, tests were extended one extra specimen with different surface structure	
8. Numbers assigned to specimens:	1	SBI-17/07/2025/8/1
	2	SBI-17/07/2025/8/2
	3	SBI-17/07/2025/8/3
	4	SBI-17/07/2025/8/4
9. Construction of a specimen:	According to paragraph 5.1 of test method	
10. Description of substrate and fixing:	12,5mm gypsum board with glue fixing made by the sponsor	
11. Used conditioning procedure:	According to PN-EN 13238:2011 p. 4.2 temp. 23+/-2°C; RH 50+/-5%	
12. Deviations:	Tests performed on four specimens on sponsor request to check if surface structure influence the reaction to fire euroclass	
13. Test start date:	29.07.2025	
14. Test end date:	31.07.2025	

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15. DESCRIPTION OF THE TEST OBJECTS INCLUDED IN SAMPLE

Lp.	Feature	Specimen number			
		1	2	3	4
15.1	Dimensions H/L [mm]	1000x1500 500x500	1000x1500 500x500	1000x1500 500x500	1000x1500 500x500
15.2	Thickness [mm]	23	23	23	23
15.4	General description of the product	No remarks			

16. TEST CONDITIONS

Lp.	Parameter	Specimen number			
		1	2	3	4
16.1	Flue gas flow [m³/s]	0,6	0,6	0,6	0,6
16.2	Ambient temperature [°C]	21,87	24,29	20,84	24,94
16.3	Ambient relative humidity [%]	44,21	35,76	46,31	31,97
16.6	Ambient pressure [hPa]	1001,00	1003,92	1004,49	1003,15

17. TEST RESULTS

Lp.	Performance of test specimen	Specimen number				
		1	2	3	4	Average
17.1	FIGRA _{0,2 MJ} [W/s]	392,43	399,65	574,20	471,70	459,50
17.2	FIGRA _{0,4 MJ} [W/s]	392,43	399,65	574,20	471,70	459,50
17.3	THR _{600s} [MJ] (total heat release in the first 600s)	13,89	15,68	17,43	19,09	16,52
17.4	SMOGR _A [m²/s²]	61,85	63,76	110,69	67,61	75,98
17.5	TSP _{600s} [m²] (total smoke production in the first 600s)	205,62	260,25	255,71	195,93	229,38

18. OBSERVATIONS

Lp.	Observation	Specimen number (observations results – yes / no)			
		1	2	3	4
18.1	Lateral spread on the long specimen wing	no	no	no	no
18.2	The fall of a flaming droplets/particle, that remains flaming for not more than 10s after falling	no	no	no	no
18.3	The fall of a flaming droplets/particle, that remains flaming for more than 10s after falling	no	no	no	no
18.4	Occurrence of a Surface flash	no	no	no	no
18.5	Falling parts of the specimen	no	no	no	no
18.6	Smoke not entering the ventilation hood	no	no	no	no
18.7	Failure of mutual fixing of backing boards	no	no	no	no
18.8	Occurrence of distortion or collapse of the specimen	no	no	no	no
18.9	Early termination of the test	no	no	no	no
18.10	Visual observation and manual recording of data	No remarks			

19. ATTACHMENTS

19.1	Pictures of installation of the specimen on the trolley according to point 5.3.3
19.2	Chart of classification parameters for the specimen no. 1
19.3	Chart of classification parameters for the specimen no. 2
19.4	Chart of classification parameters for the specimen no. 3
19.5	Chart of classification parameters for the specimen no. 4

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20. STATEMENTS

20.1	The test results apply only to tested specimens.
20.2	The test results relate to the behavior of the test specimens of the product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.
20.3	The test report without the written consent of the Laboratory may not be reproduced except in full.

PREPARED BY

AUTHORIZED BY:

(name, date,signature)

(name, date,signature)

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Attachment 19.1 Pictures of installation of the specimen on the trolley according to point 5.3.3
Specimen 1



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Specimen 2



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Specimen 3



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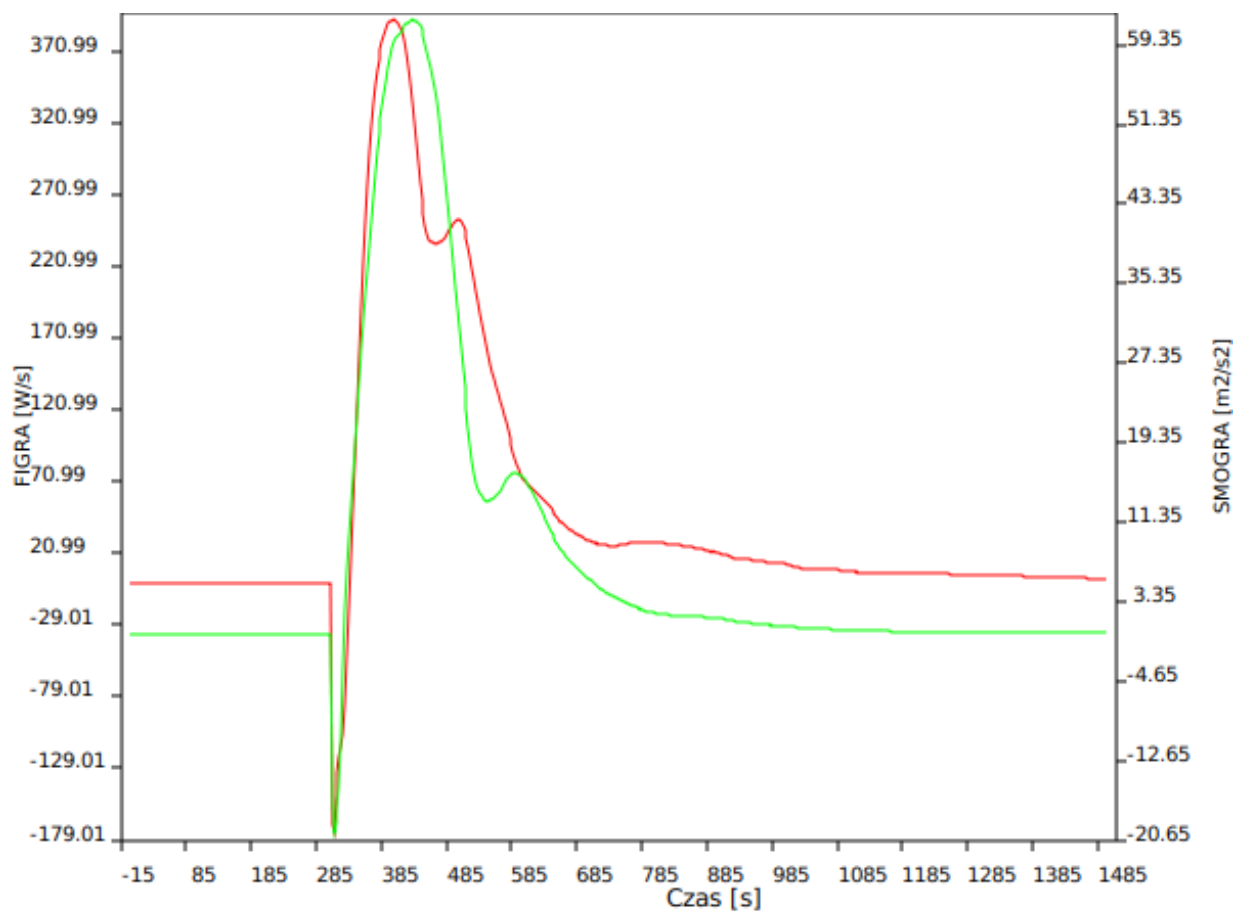
Specimen 4



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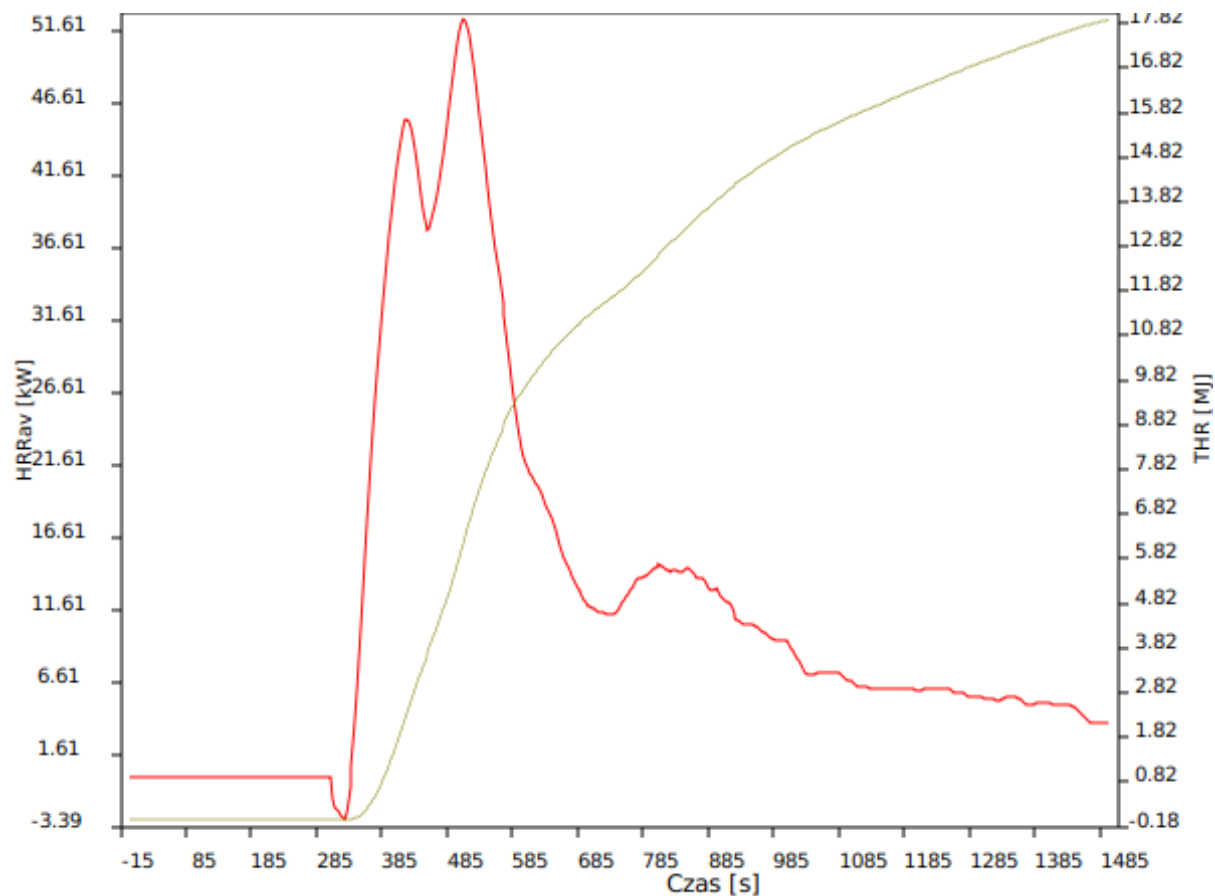
Attachment 19.2 Chart of classification parameters for the specimen no. 1

Wykres FIGRA i SMOGRA w funkcji czasu.

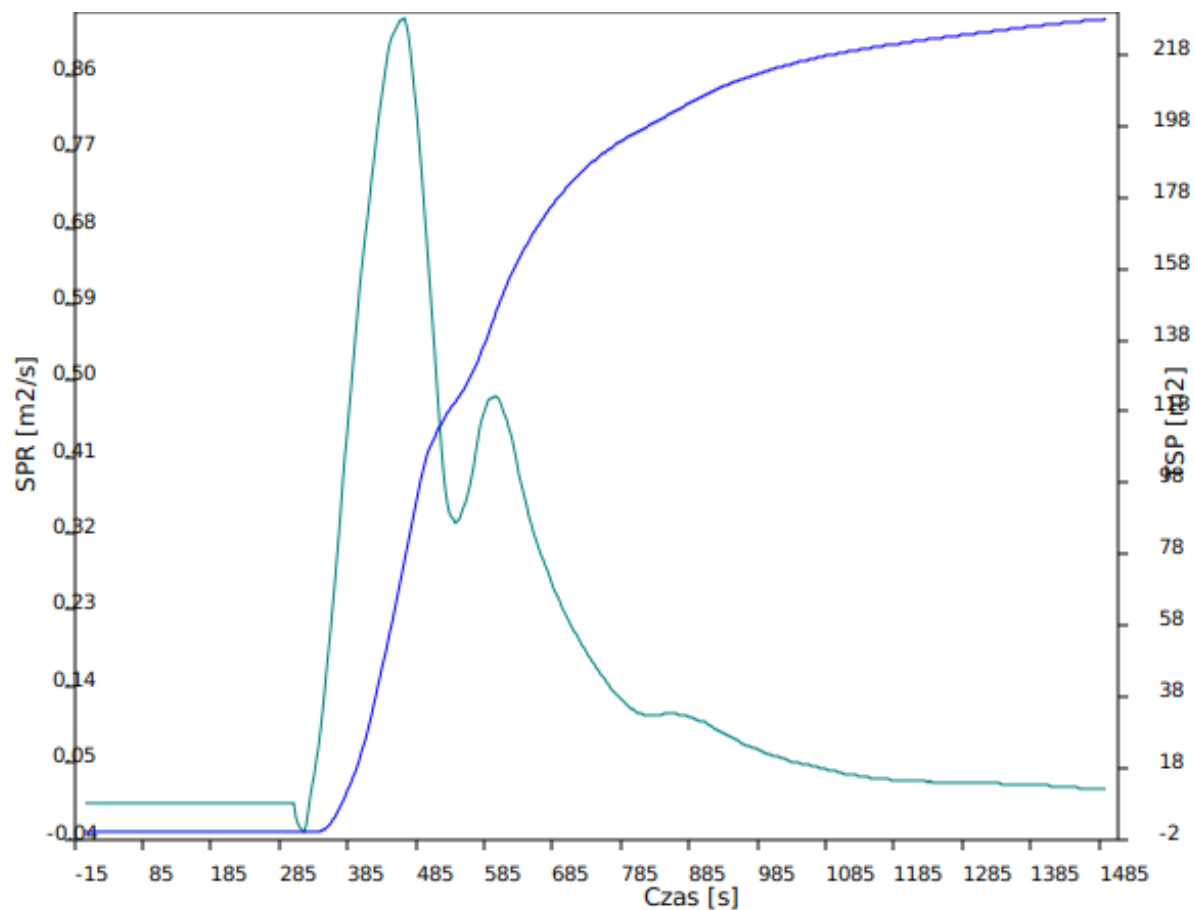


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Wykres HRR i THR w funkcji czasu.



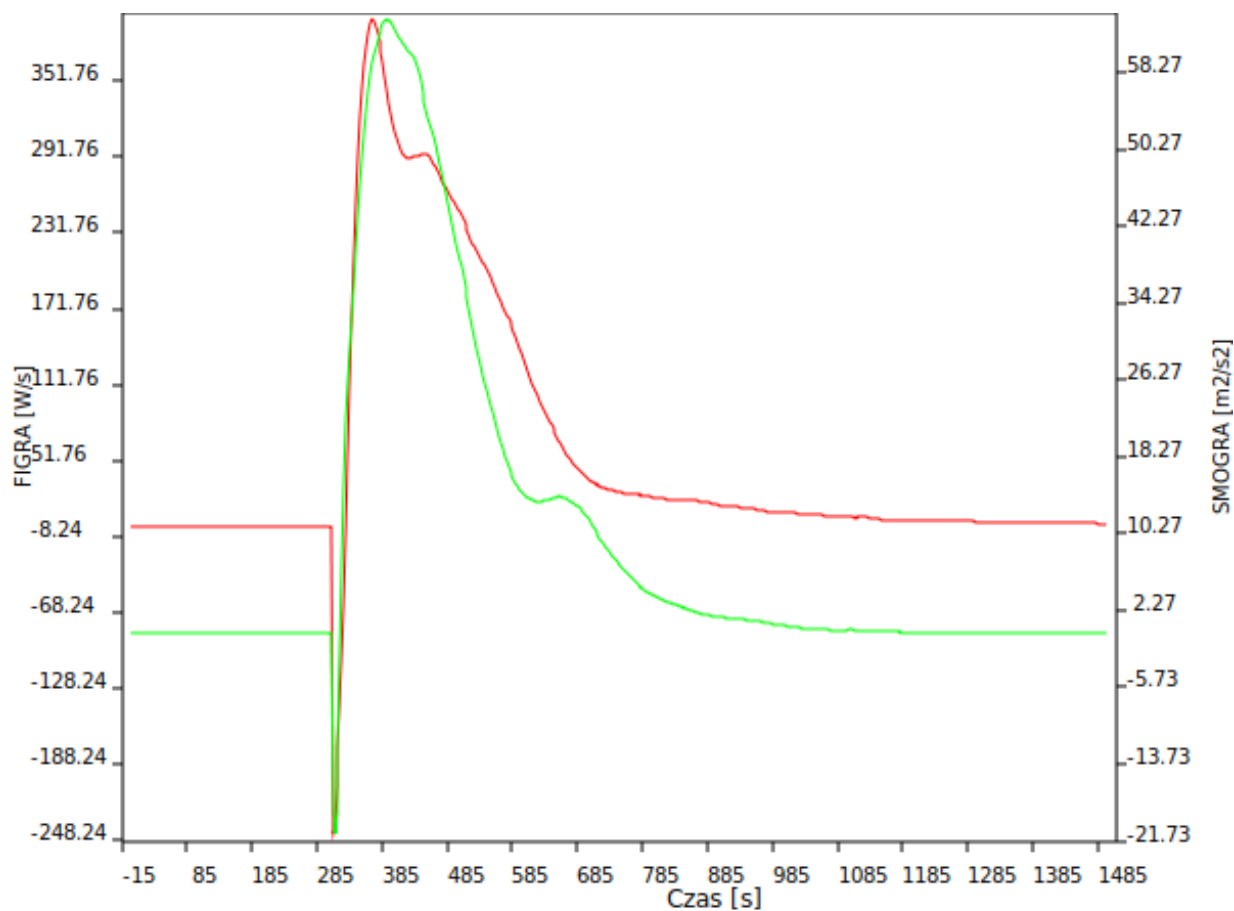
Wykres SPR w funkcji czasu.



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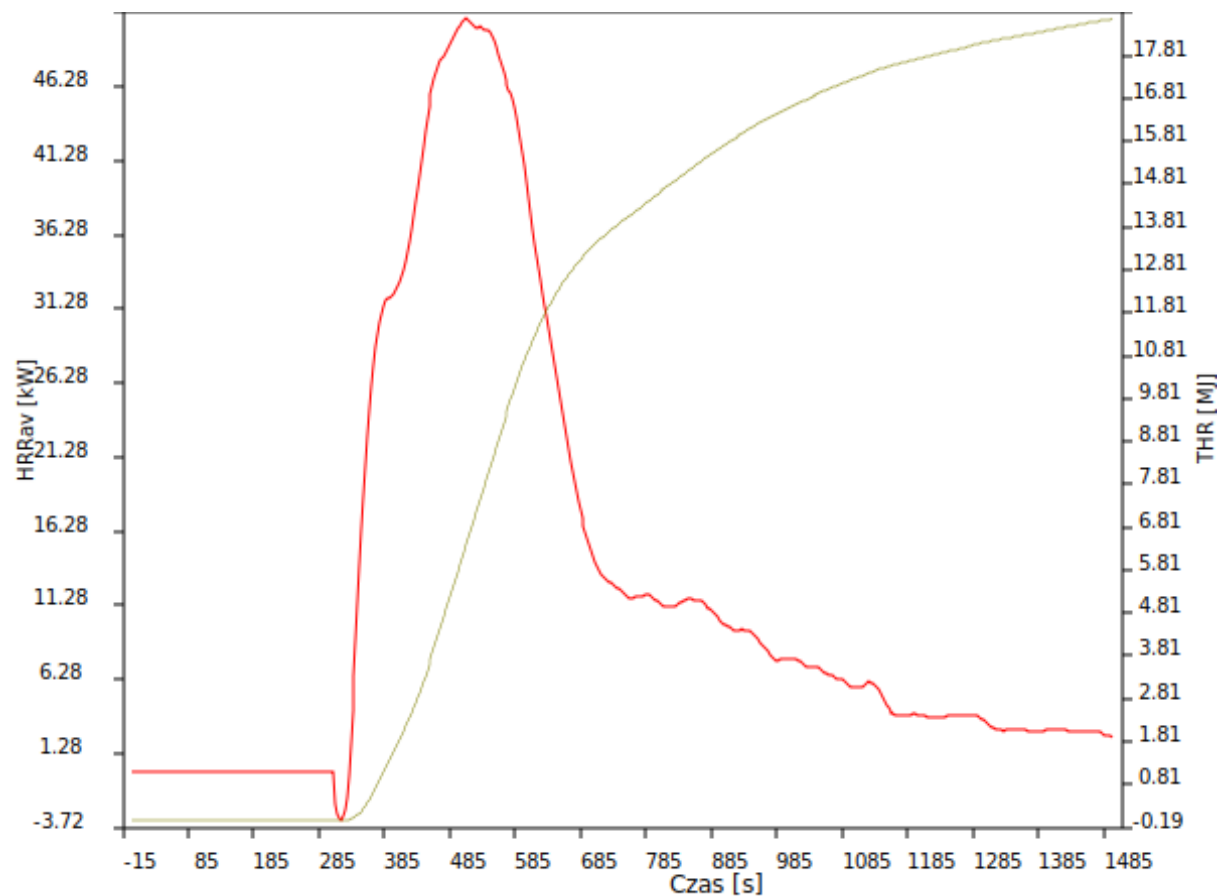
Attachment 19.3 Chart of classification parameters for the specimen no. 2

Wykres FIGRA i SMOGRA w funkcji czasu.

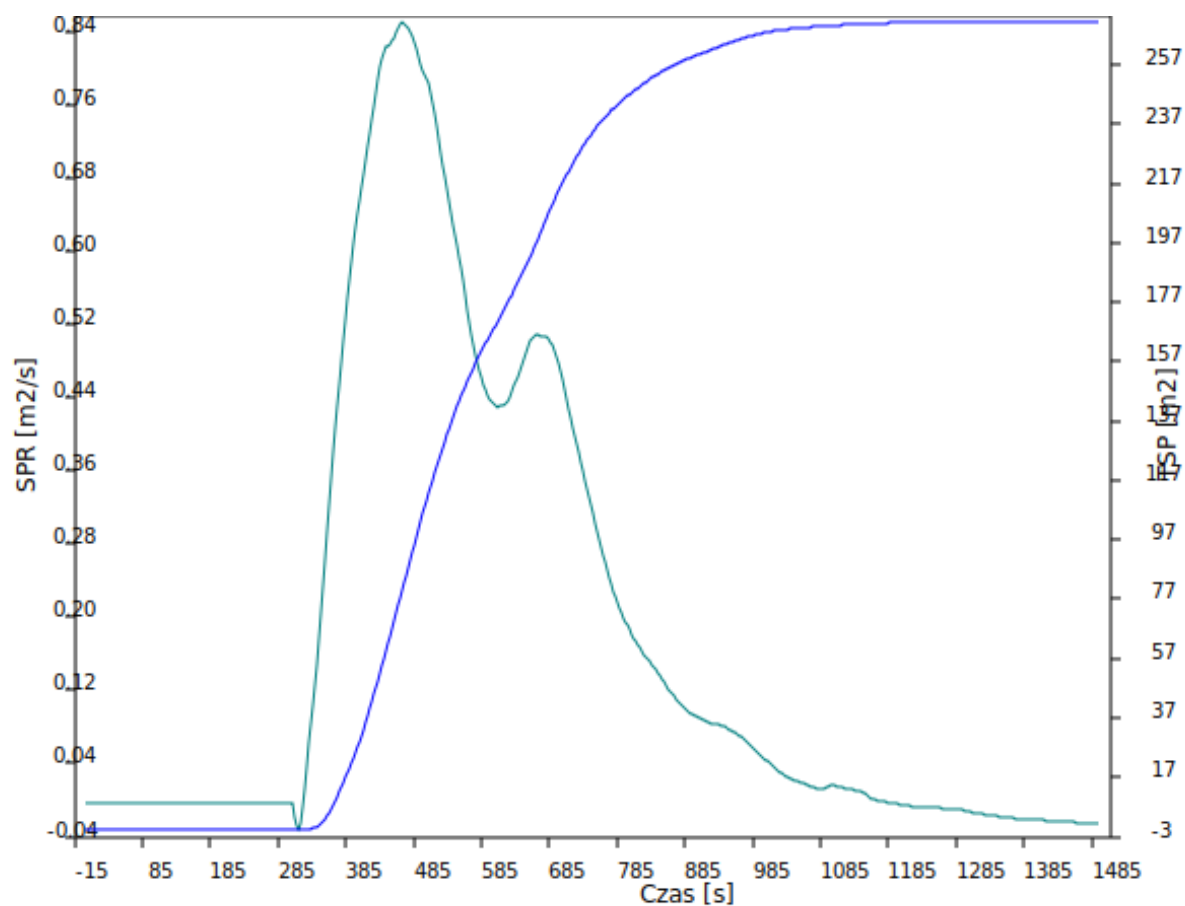


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Wykres HRR i THR w funkcji czasu.



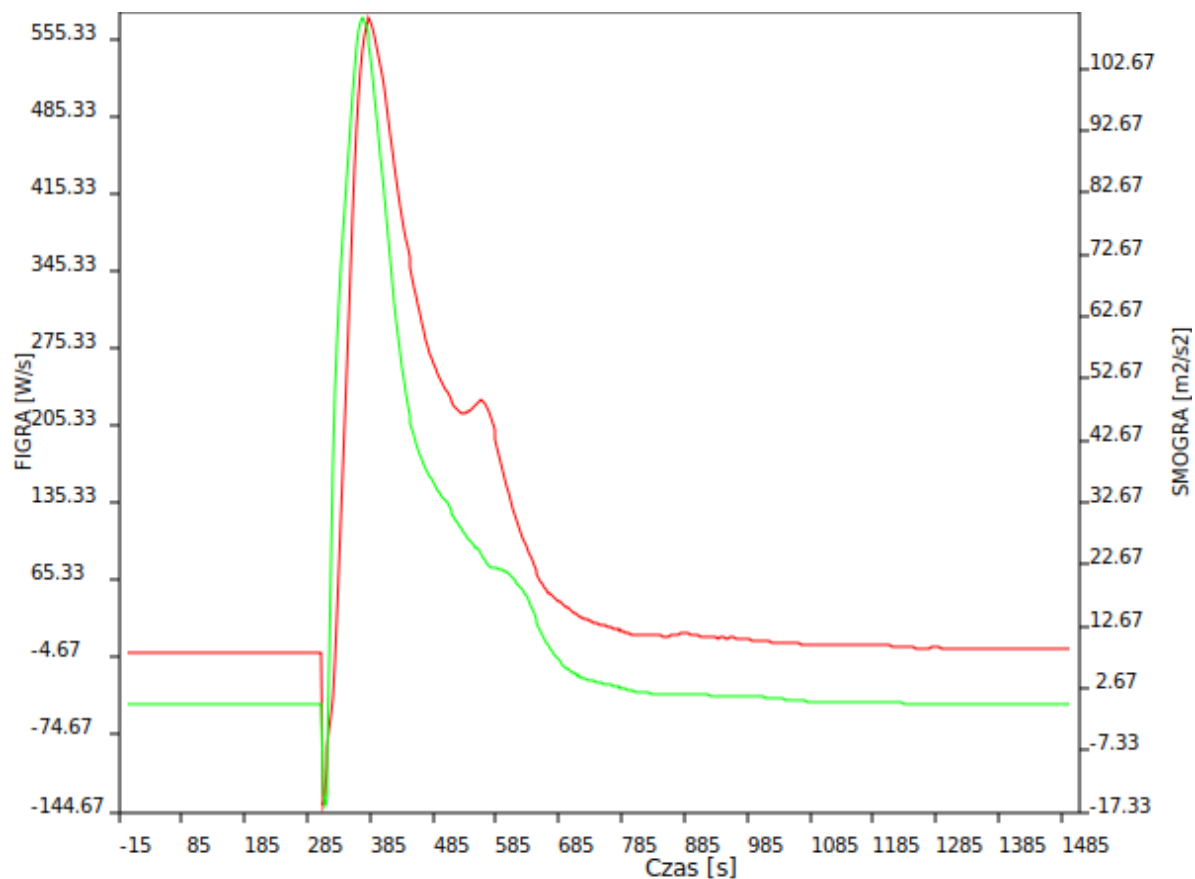
Wykres SPR w funkcji czasu.



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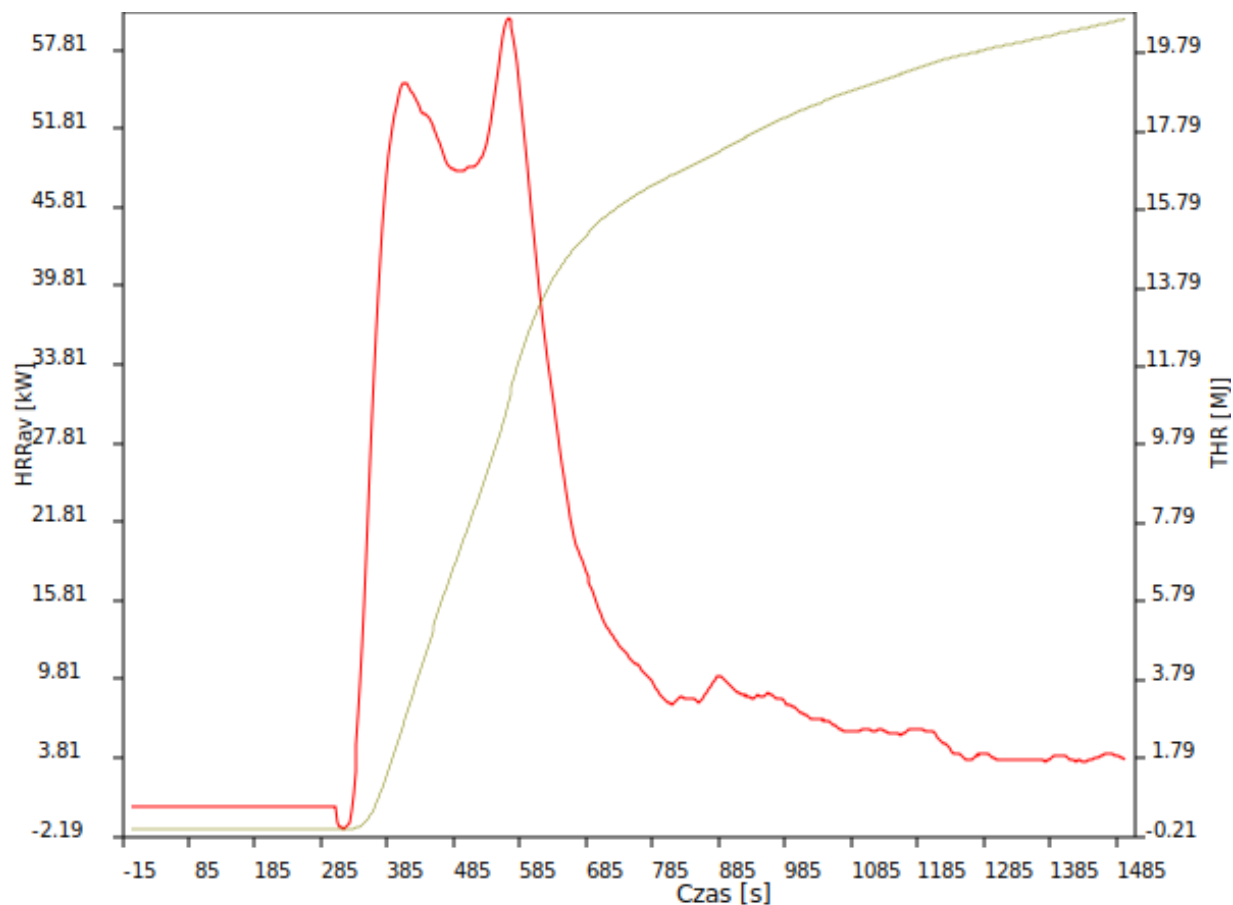
Attachment 19.4 Chart of classification parameters for the specimen no. 3

Wykres FIGRA i SMOGRA w funkcji czasu.

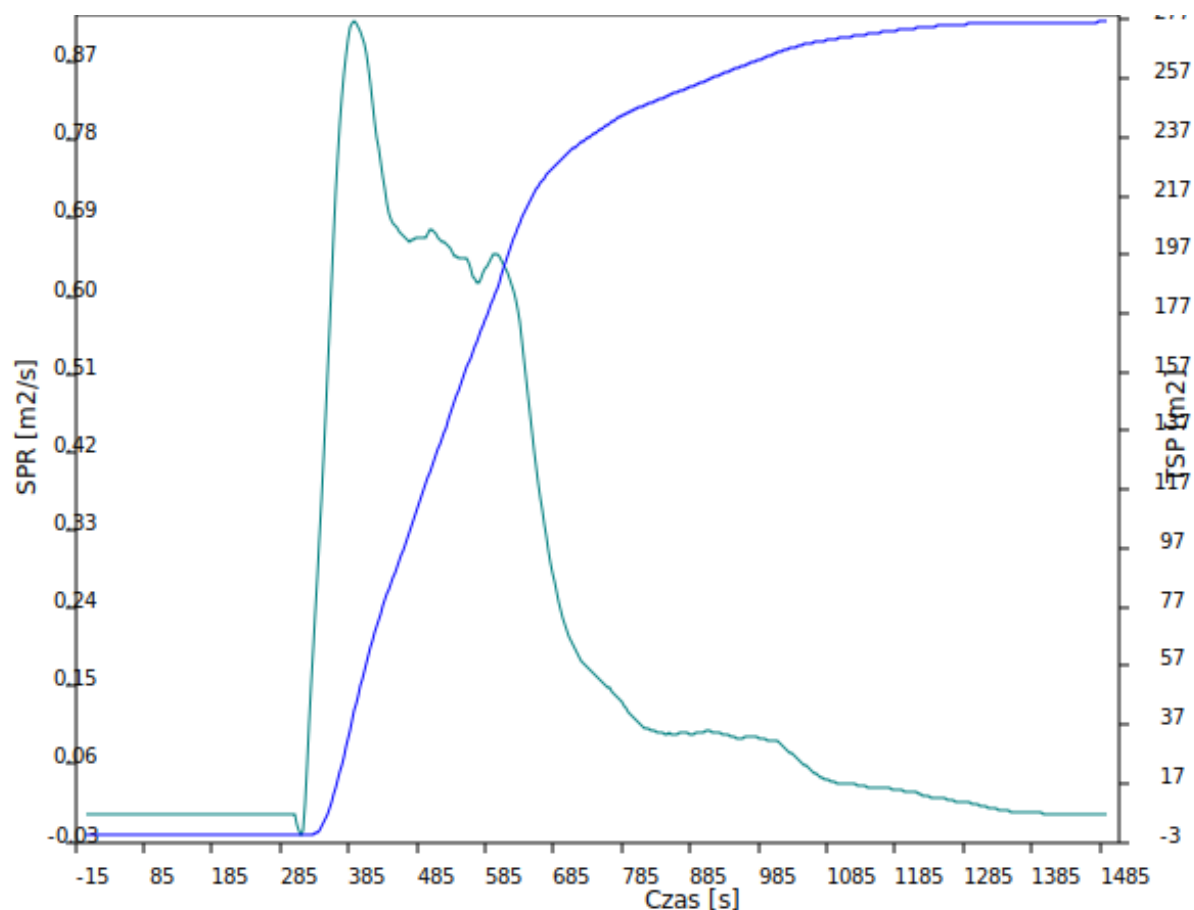


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Wykres HRR i THR w funkcji czasu.



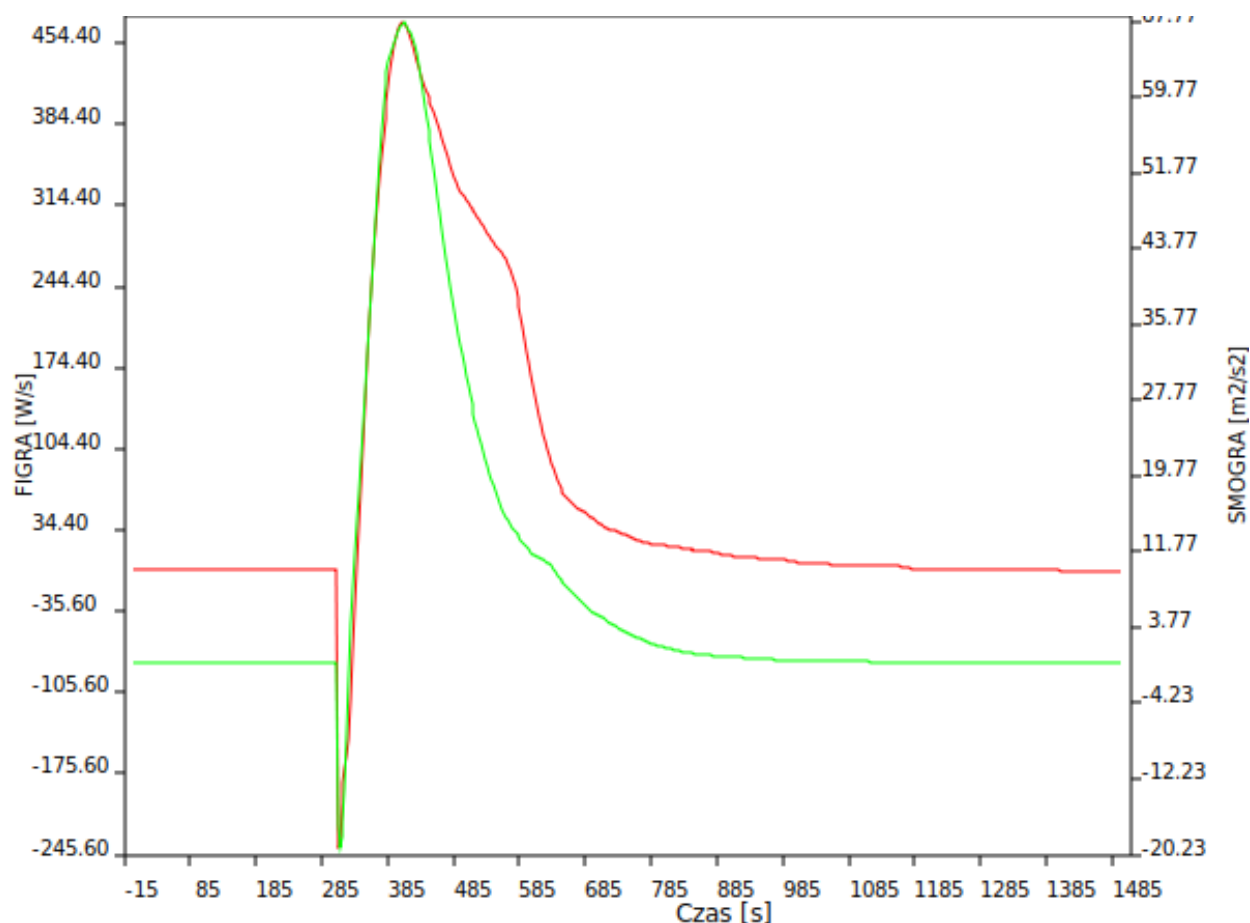
Wykres SPR w funkcji czasu.



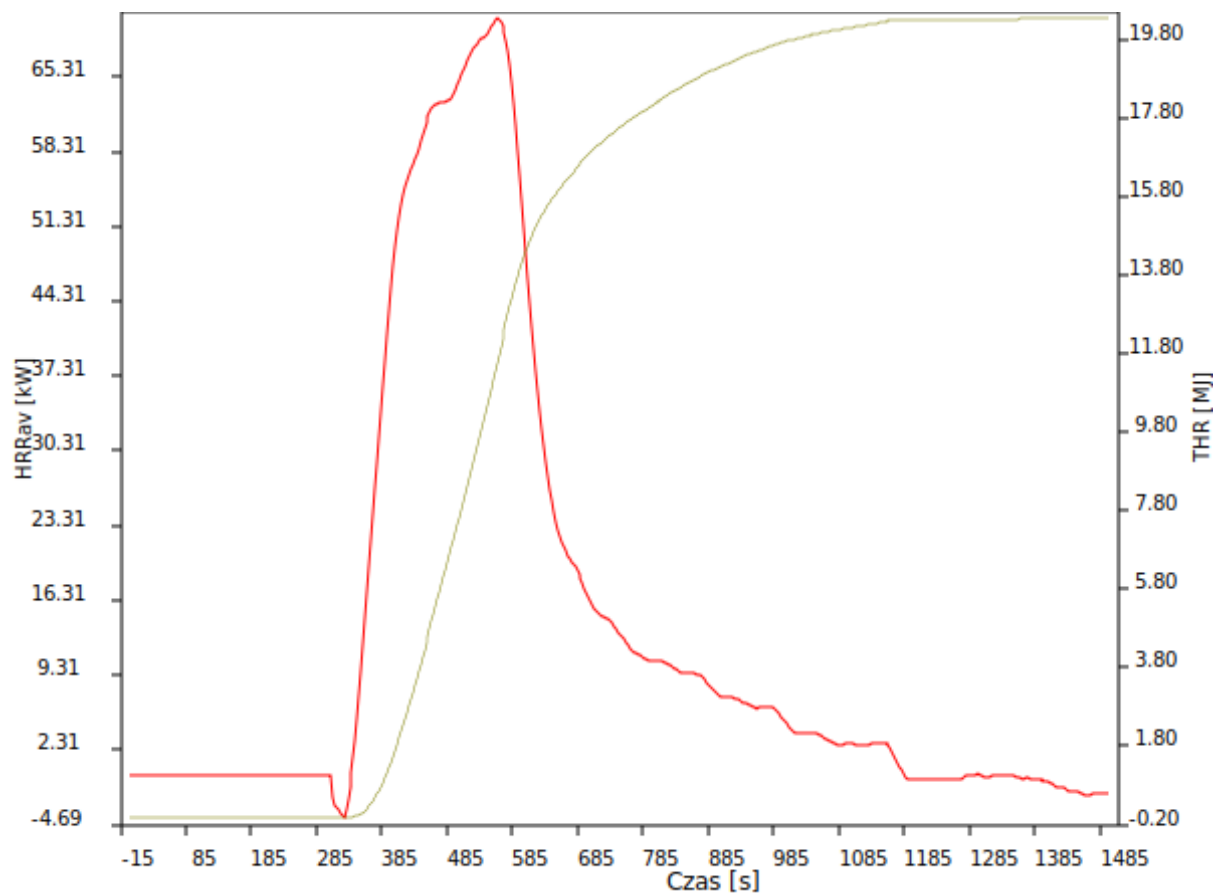
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Attachment 19.5 Chart of classification parameters for the specimen no. 4

Wykres FIGRA i SMOGRA w funkcji czasu.

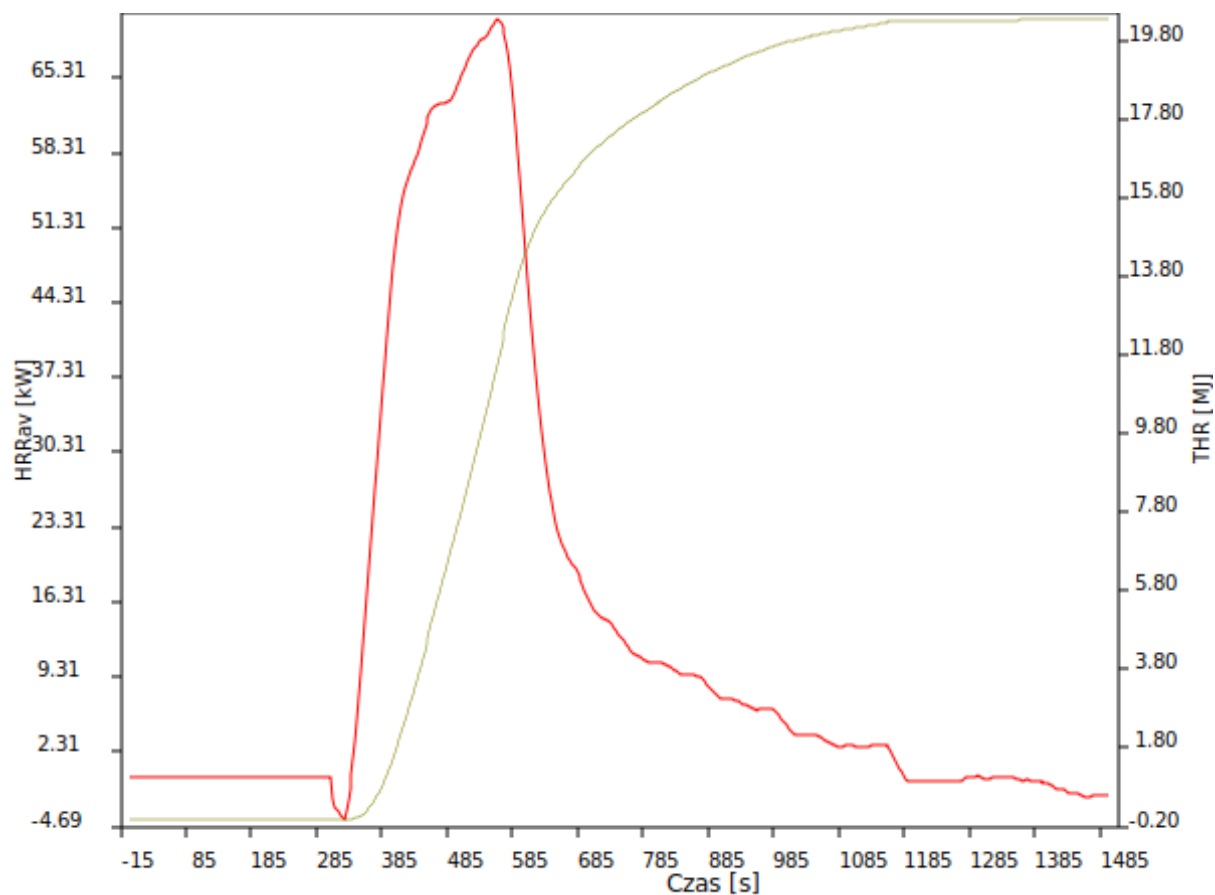


Wykres HRR i THR w funkcji czasu.



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Wykres HRR i THR w funkcji czasu.



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Wykres SPR w funkcji czasu.

