

Wels, September 23rd 2021

MAINS HARMONICS FRONIUS TAURO ECO 50-3-P / 50-3-D

EUT type: Fronius Tauro Eco 50-3-P / 50-3-D

EUT operation mode: feeding nominal power, 230 V, 50 Hz

frequency [Hz]	harmonic order	EUT max. current [A]	IEC/EN 61000-3-12 T5 limit [A]	result
50	1	72.52	-	PASS
100	2	0.37	5,78	PASS
150	3	0.06	-	PASS
200	4	0.05	2,89	PASS
250	5	0.06	7,74	PASS
300	6	0.03	1,95	PASS
350	7	0.05	5,21	PASS
400	8	0.03	1,45	PASS
450	9	0.03	-	PASS
500	10	0.02	1,16	PASS
550	11	0.07	2,24	PASS
600	12	0.02	0,94	PASS
650	13	0.05	1,45	PASS
700	14	0.02	0,72	PASS
750	15	0.02	0,72	PASS
800	16	0.02	0,72	PASS
850	17	0.06	1,45	PASS
900	18	0.01	0,72	PASS
950	19	0.05	1,08	PASS
1000	20	0.02	0,72	PASS
1050	21	0.02	0,72	PASS
1100	22	0.02	0,72	PASS
1150	23	0.06	1,08	PASS
1200	24	0.01	0,72	PASS
1250	25	0.05	1,08	PASS
1300	26	0.02	0,72	PASS
1350	27	0.02	0,72	PASS
1400	28	0.02	0,72	PASS
1450	29	0.05	0,72	PASS
1500	30	0.02	0,72	PASS
1550	31	0.06	0,72	PASS
1600	32	0.02	0,72	PASS
1650	33	0.03	0,72	PASS
1700	34	0.02	0,72	PASS
1750	35	0.06	0,72	PASS
1800	36	0.02	0,72	PASS
1850	37	0.06	0,72	PASS
1900	38	0.03	0,72	PASS
1950	39	0.04	0,72	PASS
2000	40	0.03	0,72	PASS

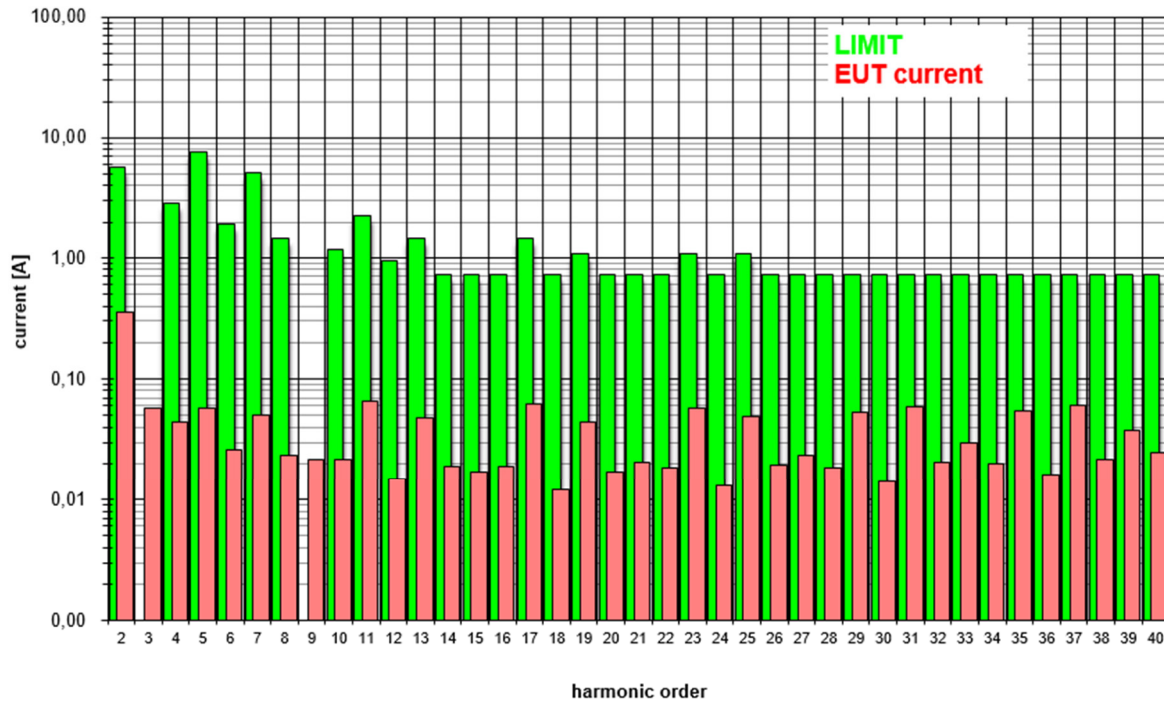
I_{eff} [A] 72,44

THC [A] 0,42
PWHC [A] 0,92

THD [%] 0,58
PWHD [%] 1,27



Test result chart at 400 V mains voltage, 100% of nominal power, according to IEC/EN 61000-3-12 T5:



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