

Test Report

No.: 2026-AT-TC-EE-ET-EX-0-000083-EMV-001

of the accredited Testing Laboratory 0274 – TÜV AUSTRIA GMBH
Location Vienna - EMC Electromagnetic Compatibility

Applicant: Robin Radar Systems
Laan Van Waalhaven 47
2497 GM Den Haag - The Netherlands

Test object: MAX 3D Bird Radar 'RRS-MAX/A3.0/F8900'

Serial number: 371#030

Accredited regulation: 47 CFR Part 15 Subpart B (eCFR 15.06.2026) ;
ANSI C63.4-2014 ; ANSI C63.4a-2017

Result: See page 5
(The results in this test report refer only to the tested item.)

Andreas Malek



Examined by
TÜV AUSTRIA GMBH



Michael Emminger



Approved by
TÜV AUSTRIA GMBH

Issued on 02.07.2026 in Vienna / TIC

Contents

	Designation	page
1.	Applicant	3
2.	Description of EUT	4
3.	Standards / Final result	5
4.	Test results	6-18
Appendix	Designation	pages
1	Test equipment used	5
2	Photodocumentation	50

1. Applicant

Company: Robin Radar Systems

Department: ---

Address: 2497 GM Den Haag - The Netherlands; Laan Van Waalhaven 47

Contact person: Mr. Ritik Agarwal

EUT received on: 15.06.2026

Tests were performed on: 15.06. – 16.06.2026

2. Description of EUT

EUT: MAX 3D Bird Radar 'RRS-MAX/A3.0/F8900'

Serial Number: 371#030

Manufacturer: Robin Radar Systems
2497 GM Den Haag - The Netherlands; Laan Van Waalhaven 47

Description: Robin Radar Systems provided the following configuration for the measurements:

Radar System 'RRS-MAX/A3.0/F8900' in conjunction with
Breakout Box and
MAX Server Processing Station -700.100.100

Operating mode: The measurements were carried out at the following running states:

Standard operation with transmission enabled (AC mains conducted measurements) or without transmission enabled (radiated emissions measurements)

Technical data EUT: Rated voltage: 220-240V
Rated current: 15A
Rated frequency: 50-60Hz

Mains voltage during the tests: 207 / 240 V (+/- 5%) / 60 Hz

FCC-ID: 2A5YR-MAXA3F8900
Frequency range: 8845-8947 MHz
Output power: 44 W conducted
Antenna gain: 36dBi (transmit antenna); 39 dBi (receive antenna)

Climatic conditions in the emc laboratory: Relative humidity: 31%
Temperature: 25°C

3. Standards / Final result

Name	Title	Deviation	Result
47 CFR Part 15 Subpart B (eCFR 15.06.2026)	Radio Frequency Devices	none	OK
ANSI C63.4-2014	American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz	none	OK
ANSI C63.4a-2017	American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz Amendment 1: Test Site Validation	none	OK
Result: Opinions and interpretation of testing laboratory OK: EUT passed NOK: EUT failed			

4. Test results

4. 1.) Conducted emission on the power-supply-line according to FCC Part 15.107 – Class A

Limits

Frequency range	Limit	
Detector	Quasi Peak	Average
0,150 - 0,5 MHz	79 dB μ V decreasing with the logarithm of frequency	66 dB μ V decreasing with the logarithm of frequency
0,5 - 30 MHz	73 dB μ V	60 dB μ V
Remark: Quasi Peak and Average limits must be both met		

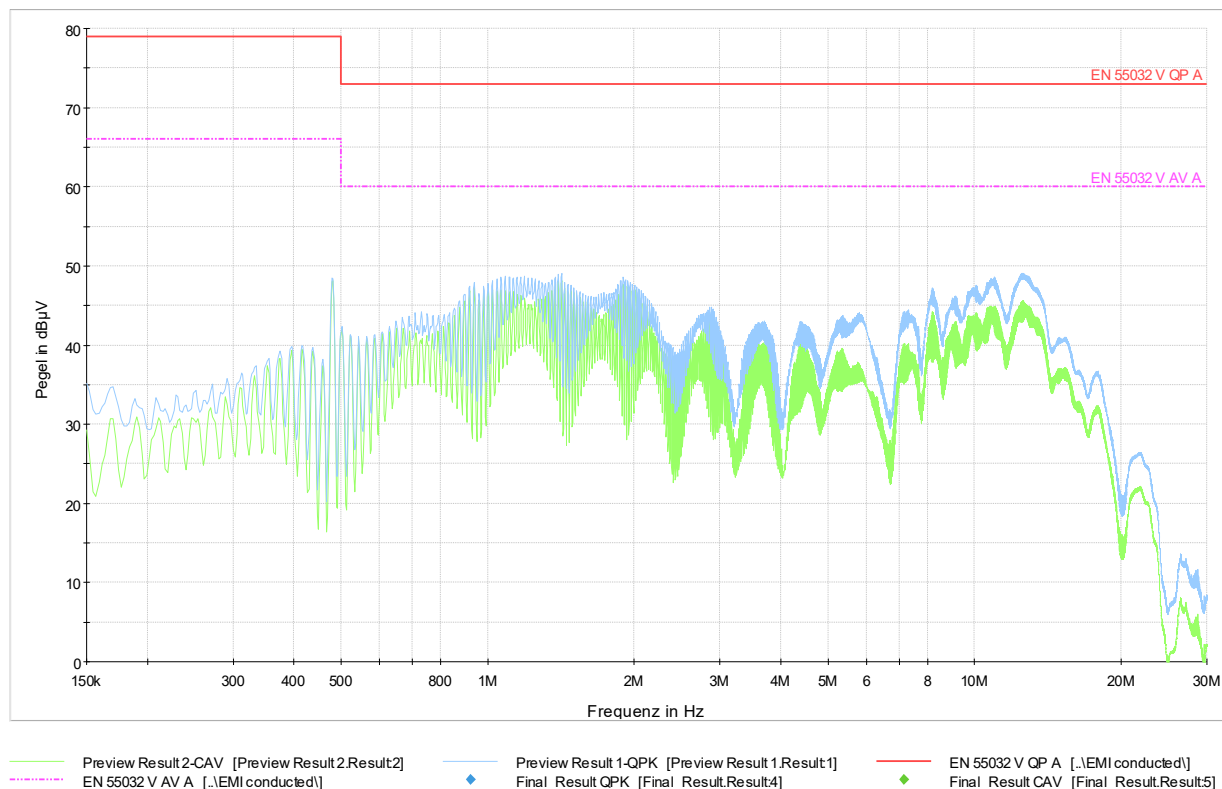
Measuring apparatus parameters

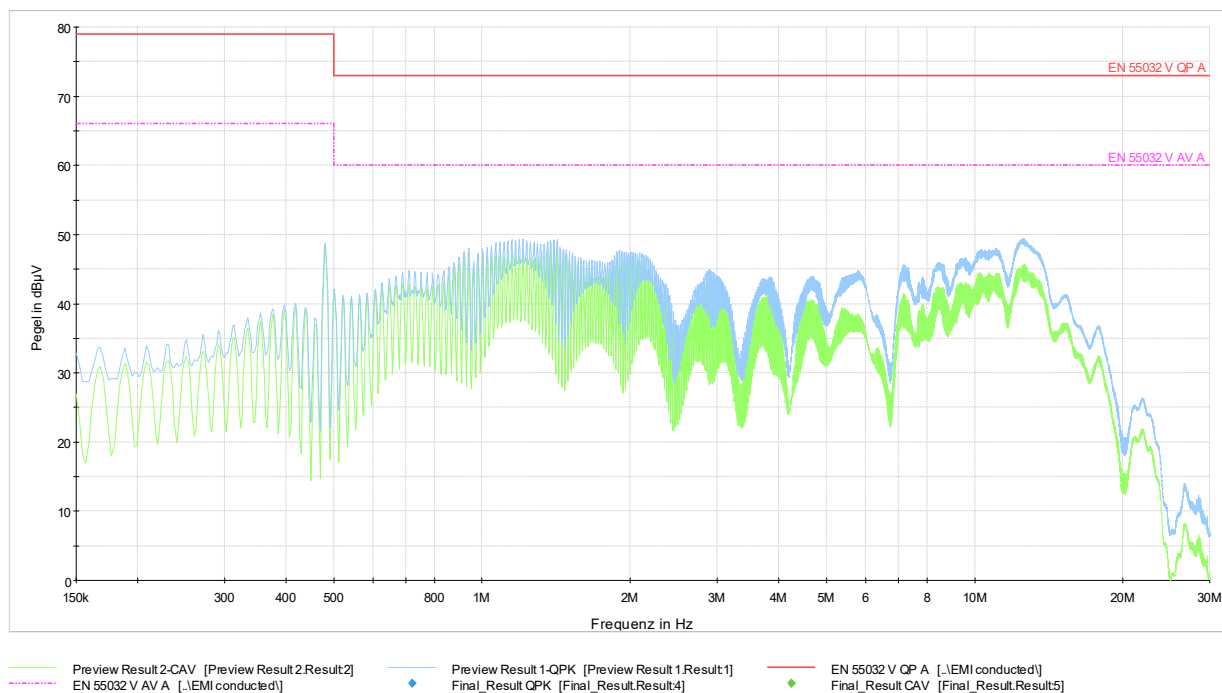
Parameter	Preview measurement	Final measurement	Parameter	Preview measurement	Final measurement
Start frequency	150 kHz	150 kHz	Detector	QP/Cispr AV	QP/Cispr AV
Stop frequency	30 MHz	30 MHz	Measuring time	1 s	1 s
Stepsize	2,25 kHz	2,25 kHz	RF-attenuation	0dB	0dB
IF- Bandwidth	9 kHz	9 kHz	Preamplifier	0 dB	0 dB

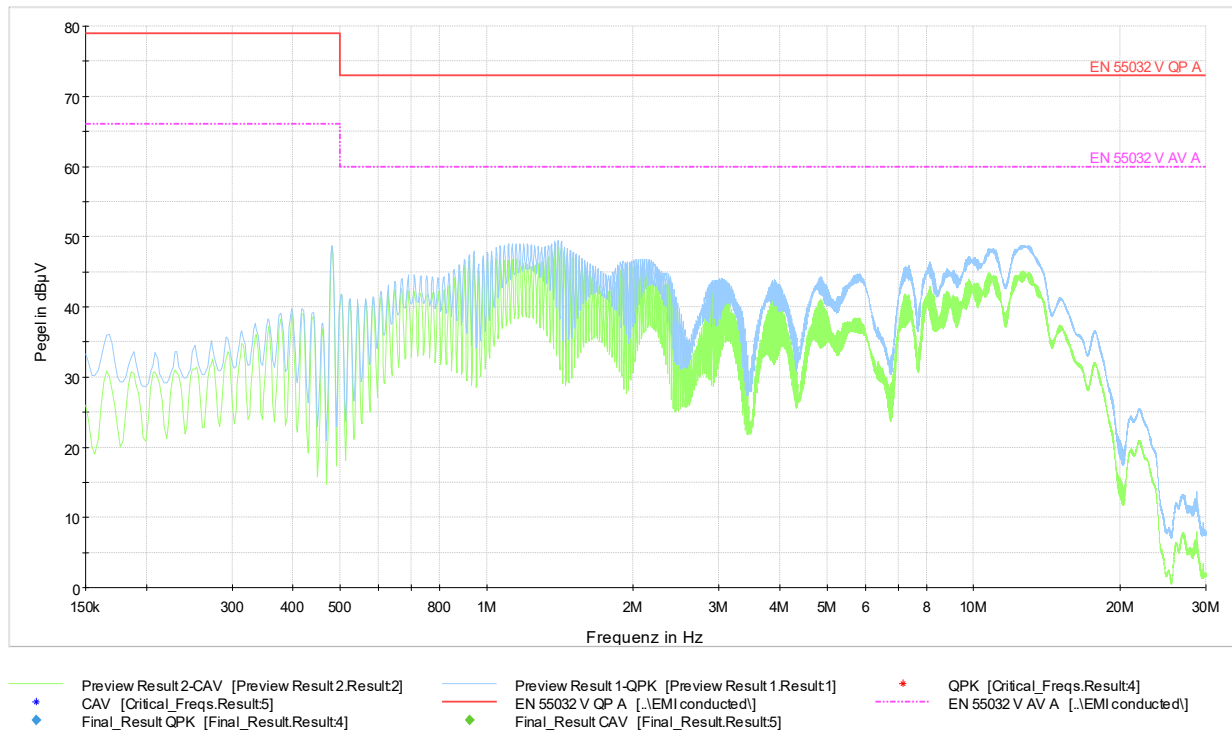
Measurement uncertainty

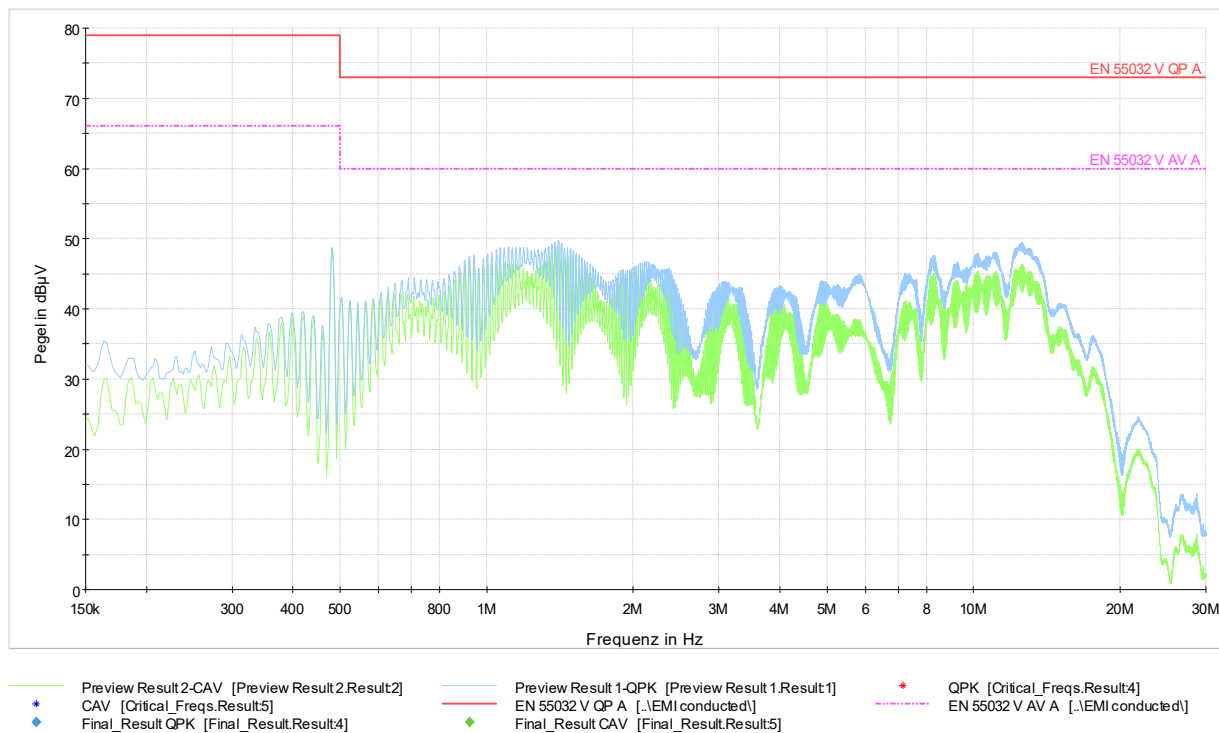
Expanded uncertainty $U_c = 2,59 \text{ dB}$ (Uncertainty budget $U_{c\text{ispr}} = 3,4 \text{ dB}$)

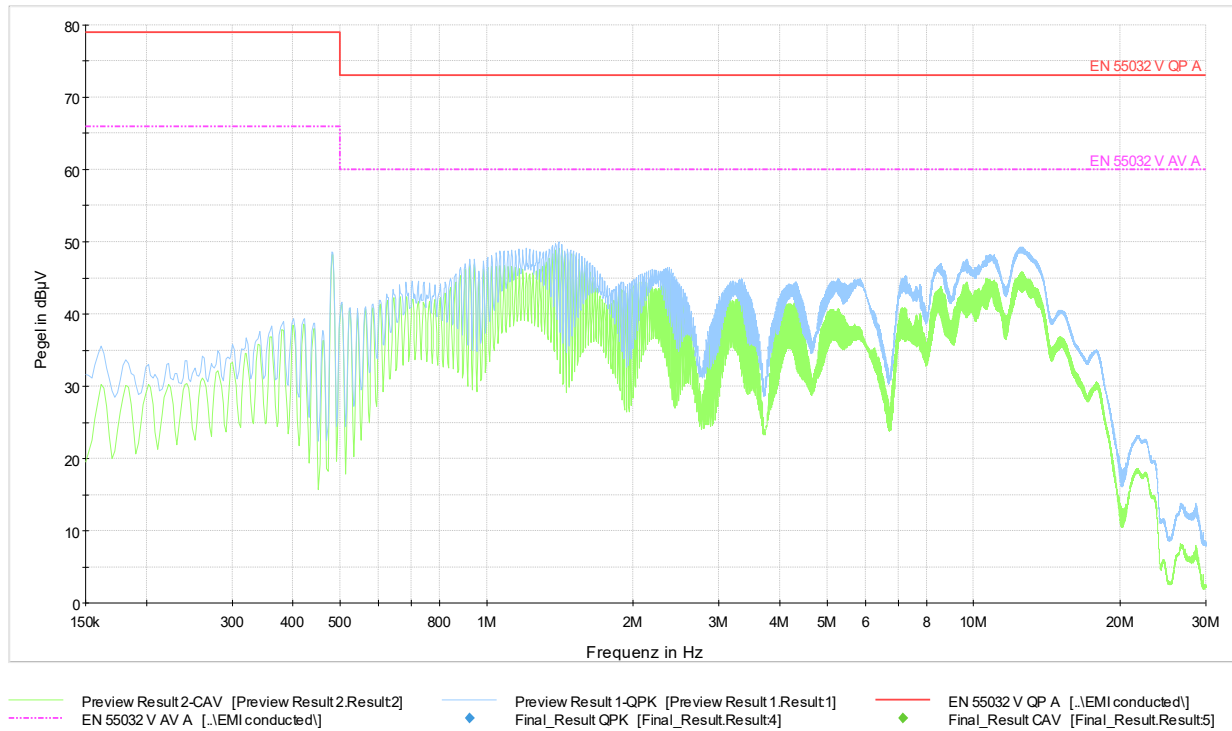
Operating mode	Measuring result
Standard operation with transmission enabled	See following pages

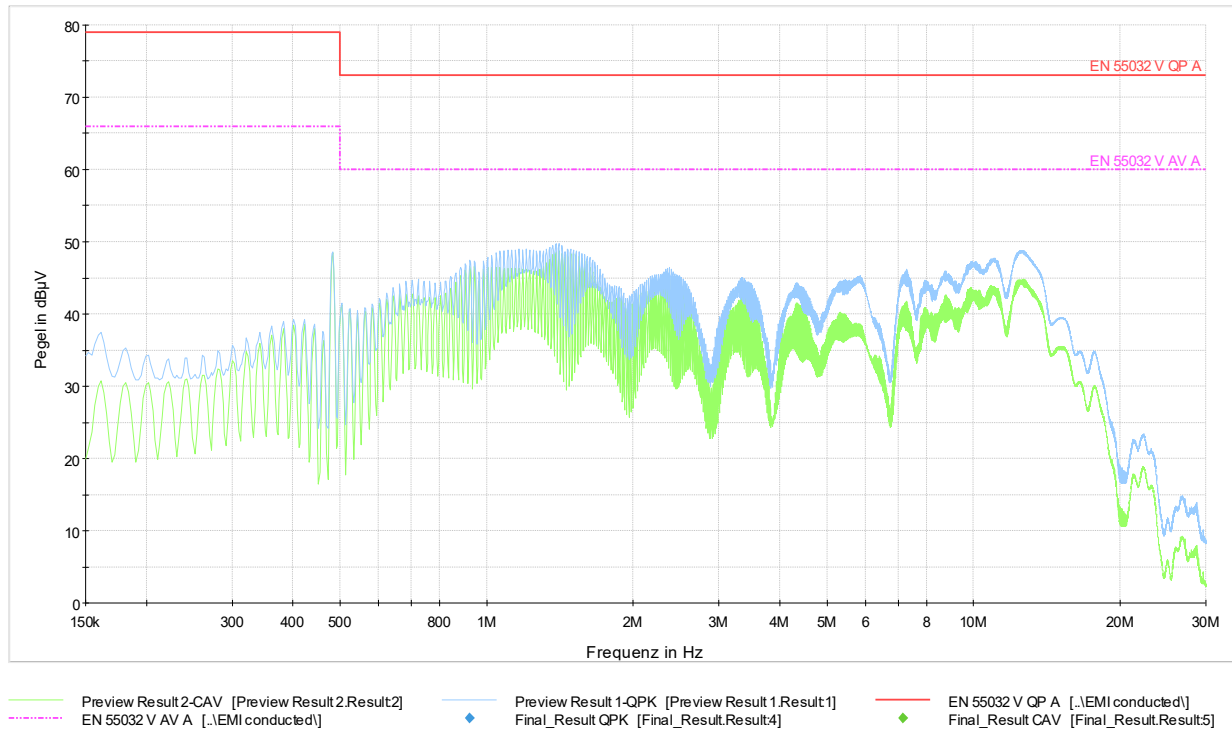
Test result**4. 1.1.) Measurement with mains voltage 197.6V / 60Hz**

4. 1.2.) Measurement with mains voltage 208V / 60Hz

4. 1.3.) Measurement with mains voltage 218.4V / 60Hz

4. 1.4.) Measurement with mains voltage 228V / 60Hz

4. 1.5.) Measurement with mains voltage 240V / 60Hz

4. 1.6.) Measurement with mains voltage 252V / 60Hz

4. 2.) Radiated emission according to FCC Part 15.109**Class A Limits**

	$\leq 1 \text{ GHz} \rightarrow$ Quasi Peak Limit $> 1 \text{ GHz} \rightarrow$ Average Limit (Peak Limit 20 dB above average Limit)		
Frequency range	Limit	Bandwidth	Measurement distance
30 – 88 MHz	39 dB μ V/m	120 kHz	10 m
88 – 216 MHz	43,5 dB μ V/m	120 kHz	10 m
216 – 960 MHz	46,4 dB μ V/m	120 kHz	10 m
960 MHz - 1000 MHz	49,5 dB μ V/m	120 kHz	10 m
Above 1000 MHz	49,5 dB μ V/m	1 MHz	10 m

Remark: Measurements performed at 3 m distance

Measuring apparatus parameters 30 to 1000 MHz

Parameter	Preview measurement	Final measurement	Parameter	Preview measurement	Final measurement
Start frequency	30 MHz	30 MHz	Detector	Quasi Peak	Quasi Peak
Stop frequency	1000 MHz	1000 MHz	Measuring time	1 s	1 s
Stepsize	30 kHz	30 kHz	RF-attenuation	0dB	0dB
IF- Bandwidth	120 kHz	120 kHz	Preamplifier	20 dB	20 dB

Measuring apparatus parameters 1 to 18 GHz

Parameter	Preview measurement	Final measurement	Parameter	Preview measurement	Final measurement
Start frequency	1000 MHz	1000 MHz	Detector	MP/AVG	MP/AVG
Stop frequency	18 GHz	18 GHz	Measuring time	100 ms	100 ms
Stepsize	250 kHz	250 kHz	RF-attenuation	0dB	0dB
IF- Bandwidth	1000 kHz	1000 kHz	Preamplifier	30 dB	30 dB

Measuring apparatus parameters 18 to 40 GHz

Parameter	Preview measurement	Final measurement	Parameter	Preview measurement	Final measurement
Start frequency	18 GHz	18 GHz	Detector	MP/AVG	MP/AVG
Stop frequency	40 GHz	40 GHz	Measuring time	100 ms	100 ms
Stepsize	250 kHz	250 kHz	RF-attenuation	0dB	0dB
IF- Bandwidth	1000 kHz	1000 kHz	Preamplifier	30 dB	30 dB

Measurement uncertainty

30-200 MHz horizontal: Expanded uncertainty $U_c = 4,06$ dB (Uncertainty budget = 5,06 dB)

30-200 MHz vertical: Expanded uncertainty $U_c = 4,19$ dB (Uncertainty budget = 5,17 dB)

0,2-1 GHz horizontal: Expanded uncertainty $U_c = 4,43$ dB (Uncertainty budget = 5,45 dB)

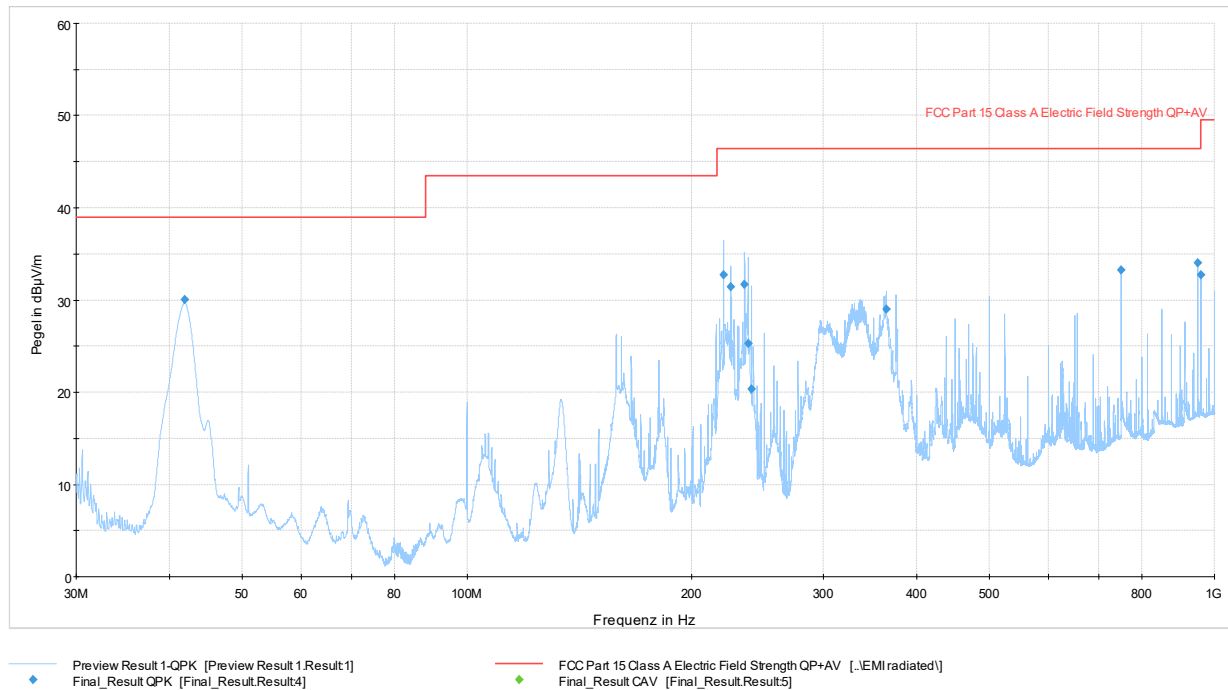
0,2-1 GHz vertical: Expanded uncertainty $U_c = 5,64$ dB (Uncertainty budget = 6,48 dB)

1-6 GHz: Expanded uncertainty $U_c = 4,58$ dB (Uncertainty budget $U_{c\text{ispr}} = 5,2$ dB)

6-40 GHz: Expanded uncertainty $U_c = 5,21$ dB (Uncertainty budget $U_{c\text{ispr}} = 5,5$ dB)

Operating mode	Measuring result
Standard operation with transmission disabled	See following pages

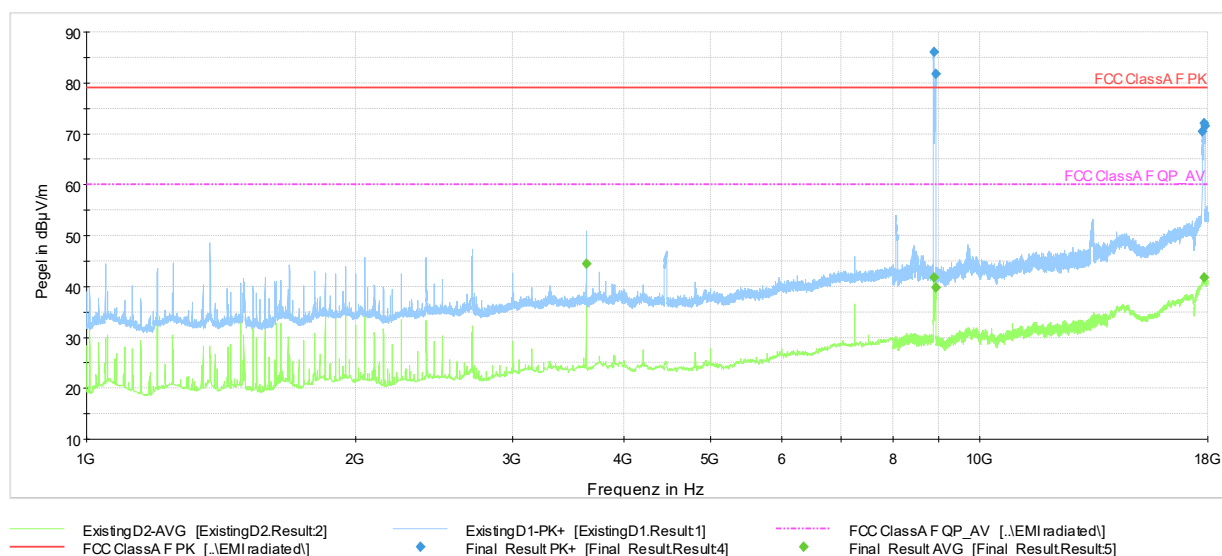
4. 2.1.) Measurement diagram with QP-Detector (30 MHz - 1000 MHz)



Final measurements:

Frequency MHz	QuasiPeak dBµV/m	Limit dBµV/m	Margin dB	Height cm	Pol	Azimut deg
41,91	30,08	39,00	8,92	100	V	-62
220,32	32,69	46,40	13,71	125	H	40
225,27	31,42	46,40	14,98	114	H	4
235,17	31,68	46,40	14,72	114	H	0
237,66	25,29	46,40	21,11	126	H	46
240,12	20,32	46,40	26,08	102	H	43
363,63	29,04	46,40	17,36	100	V	-176
750,00	33,27	46,40	13,13	100	V	-90
950,01	34,02	46,40	12,38	175	V	40
960,00	32,69	46,40	13,71	234	V	90

4. 2.2.) Measurement diagram with Peak- and Average-Detector (1 GHz - 18 GHz)



Final measurements with Peak detector:

Frequency MHz	Peak dBµV/m	Limit dBµV/m	Margin dB	Height cm	Pol	Azimut deg
8880,00	75,59	69,50	-6,09	150	H	135
8932,75	71,23	69,50	-1,73	200	H	-135
17753,75	59,95	69,50	9,55	200	H	-135
17817,75	61,60	69,50	7,90	200	H	45
17861,50	60,94	69,50	8,56	200	H	-45

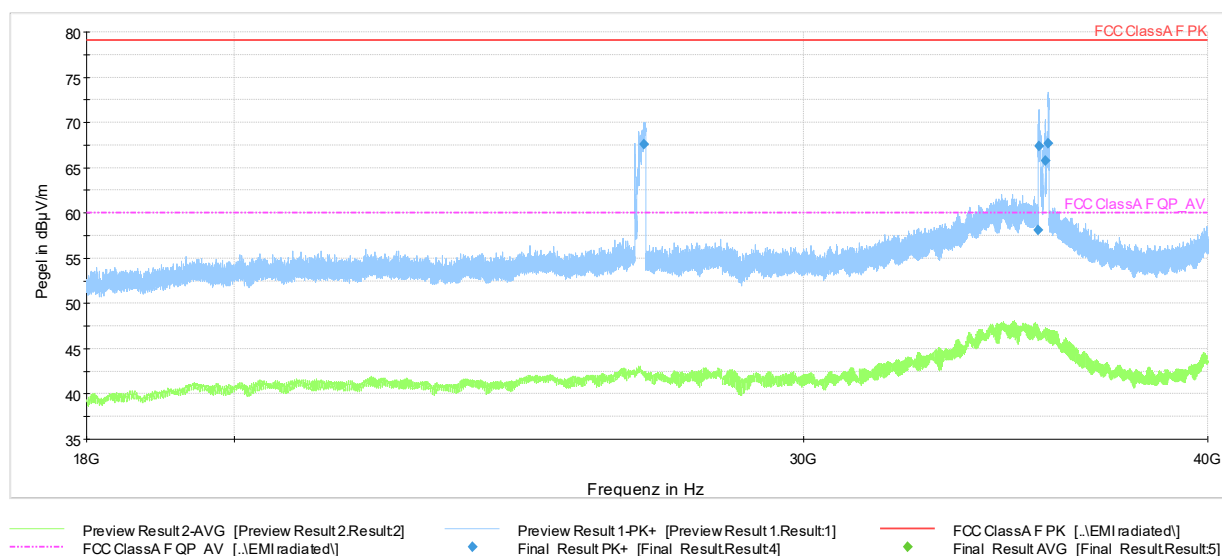
Final measurements with Average detector:

Frequency MHz	Average dBµV/m	Limit dBµV/m	Margin dB	Height cm	Pol	Azimut deg
3625,00	34,01	49,50	15,49	100	V	45
8879,75	31,18	49,50	18,32	150	H	135
8932,00	29,22	49,50	20,28	200	H	-135
17832,50	31,32	49,50	18,18	200	H	45

Remarks: The transmitter was disabled, that means that RF stages are operating but the final stages are switched off. The oscillators are working; therefore, some leakage emission was found. The wanted emissions are covered by FCC part 90 and measurements for this rule part are documented in separates test report number 2026-AT-TC-EE-ET-EX-0-000083-FG-001.

Measured values are shown at three-meter distance in the graphics. In the table the values were converted to 10 meters equivalents with 20 dB per decade.

4. 2.3.) Measurement diagram with Peak- and Average-Detector (18 GHz - 40 GHz)



Final measurements with Peak detector:

Frequency MHz	Peak dBμV/m	Limit dBμV/m	Margin dB	Height cm	Pol	Azimut deg
26771,00	57,10	69,50	12,40	207,00	V	-104,00
35455,25	47,65	69,50	21,85	161,00	H	-114,00
35475,75	56,88	69,50	12,62	185,00	H	-142,00
35624,50	55,30	69,50	14,20	198,00	H	-153,00
35697,25	57,15	69,50	12,35	213,00	H	-90,00

Final measurements with Average detector:

No final measurement was performed because of the low emission level.

Remark: Measured values are shown at three-meter distance in the graphics. In the table the values were converted to 10 meters equivalents with 20 dB per decade.

--- END OF TEST REPORT ---

Appendix 1

Test equipment used

☐	Anechoic Chamber with 3m measurement distance	NT-100	☐	Ant. tripod for EN61000-4-3 Model TP1000A	NT-156
☐	Stripline according to ISO 11452-5	NT-108	☐	Power quality analyzer Fluke 1760 (complete set)	NT-160 - NT-173
☐	MA4000 - Antenna mast 1 - 4 m height	NT-110/1			
☐	DS - Turntable 0 - 400 ° Azimuth	NT-111/1	☐	ESCI - Test receiver 9 kHz - 7 GHz	NT-203/1
☐	CO3000 Controller Mast+Turntable	NT-112/1	☐	ESR – Test receiver 20 Hz – 26,5 GHz	NT-207/1
☐	HUF-Z3 - Log. Per. Antenna 200 - 1000 MHz	NT-121	☐	Digital Radio Tester CMW500	NT-208/1
☐	FMZB 1519-60D - Loop Antenna 9 kHz - 30 MHz	NT-122/2	☐	Noise-gen., ITU-R 559-2 20 Hz – 20 kHz	NT-209
☐	HFH-Z6 - Rod Antenna 9 kHz - 30 MHz	NT-123	☐	CMTA - Radiocommunication analyzer ; 0,1 - 1000 MHz	NT-210
☐	Dipole Antenna VHA9103 30 - 300 MHz	NT-124/1a	☐	3271 - Spectrum analyzer 100 Hz - 26,5 GHz	NT-211
☐	Dipole Antenna UHA9105 300 - 1000 MHz	NT-124/1b	☐	Digital Radio Tester Aeroflex 3920	NT-212/1
☐	3115 - Horn Antenna 1 - 18 GHz (immunity)	NT-125	☐	Mixer M28HW 26,5 GHz - 40 GHz	NT-214
☒	3116 - Horn Antenna 18 - 40 GHz	NT-126	☐	RubiSource T&M Timing reference	NT-216
☐	SAS-200/543 - Bicon. Antenna 20 MHz - 300 MHz	NT-127	☐	Radiocommunicationanalyzer SWR 1180 MD	NT-217
☐	AT-1080 - Log. Per. Antenna 80 - 1000 MHz	NT-128	☐	Mixer FS-Z60 40 GHz – 60 GHz	NT-218/1
☐	HK-116 - bicon. Antenna 20 MHz - 300 MHz	NT-129	☐	Mixer FS-Z90 60 GHz – 90 GHz	NT-219/1
☐	HK-116 - bicon. Antenna 20 MHz - 300 MHz	NT-130	☐	Rigol MSO8204 Digital scope	NT-220/2
☐	3146 - Log. Per. Antenna 200 – 1000 MHz	NT-131	☐	TPS 2014 Digital scope	NT-222
☐	VULB 9163 Trilog Antenna 30 – 3000 MHz	NT-131/1	☐	Artificial Ear according to IEC 60318	NT-224
☐	Loop Antenna H-Field	NT-132	☐	1 kHz Sound calibrator	NT-225
☐	Horn Antenna 500 MHz - 2900 MHz	NT-133	☐	SRM-3006 Spectrumanalyzer	NT-233/1a
☐	Horn Antenna 500 MHz - 6000 MHz	NT-133/1	☐	E-field probe SRM 75 MHz – 3 GHz	NT-234
☐	Log. per. Antenna 800 MHz - 2500 MHz	NT-134	☐	Field Meter NBM-500 incl. E- and H-Field probes	NT-240a-e
☐	Log. per. Antenna 800 MHz - 2500 MHz	NT-135	☐	Magnetometer HP-01	NT-241/1
☐	BiConiLog Antenna 26 MHz – 2000 MHz	NT-137	☐	EFA-3 H-field- / E-field probe	NT-243
☐	Conical Dipol Antenna PCD8250	NT-138	☐	EHP-50F H-field- / E-field probe	NT-243/1
☐	HF 906 - Horn Antenna 1 - 18 GHz (emission)	NT-139	☐	Field Meter EMR-200 100 kHz – 3 GHz	NT-244
☐	HZ-1 Antenna tripod	NT-150	☐	E-field probe 100 kHz – 3 GHz	NT-245
☐	BN 1500 Antenna tripod	NT-151	☐	H-field probe 300 kHz – 30 MHz	NT-246

Competence Center:
Electrical & Enviromental

Test report number:
2026-AT-TC-EE-ET-EX-0-000083-EMV-001

Page: 1 of 5

Date: 02.07.2026

Appendix 1 (continued)

Test equipment used

☐ E-field probe 3 MHz – 18 GHz	NT-247	☐ Prana N-MT 500 - RF-Amplifier 80 - 1000 MHz / 500 W	NT-332/1
☐ H-field probe 27 MHz – 1 GHz	NT-248	☐ BBA150 RF-Amplifier 1 GHz - 6 GHz	NT-333/1
☐ ELT-400 1 Hz – 400 kHz	NT-249	☐ APA01 – RF-Amplifier 0,5 GHz – 2,5 GHz	NT-334
☐ MDS 21 - Absorbing clamp 30 - 1000 MHz	NT-250	☐ Preamplifier 1 GHz - 4 GHz	NT-335
☐ CDN EMCL-35 EM Injection clamp	NT-251/1	☐ Preamplifier for GPS MKU 152 A	NT-336
☐ FCC-203I-DCN Ferrite decoupling network	NT-252	☐ Preamplifier 1 GHz – 18 GHz	NT-337/1
☐ PR50 Current Probe	NT-253	☐ DC Block 10 MHz – 18 GHz Model 8048	NT-338
☐ i310s Current Probe	NT-254/1	☐ 2-97201 Electronic load	NT-341
☐ Fluke 87 V True RMS Multimeter	NT-260	☐ TSX3510P - Power supply 0-30 V / 0 - 10 A	NT-344
☐ Model 2000 Digital Multimeter	NT-261	☐ TSX3510P - Power supply 0-30 V / 0 - 10 A	NT-345
☐ Fluke 87 V Digital Multimeter	NT-262/1	☐ VDS 200 Mobil-impuls-generator	NT-350
☐ ESH2-Z5-U1 Artificial mains network 4x25A	NT-300	☐ LD 200 Mobil-impuls-generator	NT-351
☐ ESH3-Z5-U1 Artificial mains network 2x10A	NT-301	☐ MPG 200 Mobil-Impuls-Generators	NT-352
☐ ESH3-Z6-U1 Artificial mains network 1x100A	NT-302	☐ EFT 200 Mobil-impuls-generator	NT-353
☐ ESH3-Z6-U1 Artificial mains network 1x100A	NT-302a	☐ AN 200 S1 Artificial Network	NT-354
☐ EZ10 T-Artificial Network	NT-305	☐ FP-EFT 32M 3 ph. Coupling filter (Burst)	NT-400/1
☐ SMA100A - Signal generator 9 kHz - 6 GHz	NT-310/1	☐ PHE 4500 - Mains impedance network	NT-401
☐ RefRad Reference generator	NT-312	☐ IP 6.2 Coupling filter for data lines (Surge)	NT-403
☐ SMP 02 Signal generator 10 MHz - 20 GHz	NT-313	☐ TK 9421 High Power Volt. Probe 150 kHz - 30 MHz	NT-409
☐ 40 MHz Arbitrary Generator TGA1241	NT-315	☐ ESH2-Z3 - Probe 9 kHz - 30 MHz	NT-410
☐ Artificial mains network NSLK 8127-PLC	NT-316	☐ CN-EFT1000 - Capacitive clamp (Burst)	NT-411/1
☐ PSURGE 4.1 Surge generator	NT-324	☐ Highpass-Filter 100 MHz – 3 GHz	NT-412
☐ IMU4000 Immunity test system	NT-325/1a-e	☐ Highpass-Filter 600 MHz – 4 GHz	NT-413
☐ VCS 500-M6 Surge-Generator	NT-326	☐ Highpass-Filter 1250 MHz – 4 GHz	NT-414
☐ Oscillatory Wave Simulator incl. Coupling networks	NT-328a+b+c	☐ Highpass-Filter 1800 MHz – 16 GHz	NT-415
☐ BTA-250 - RF-Amplifier 9 kHz - 220 MHz / 250 W	NT-330		

Competence Center:
Electrical & Environmental

Test report number:
2026-AT-TC-EE-ET-EX-0-
000083-EMV-001

Page: 2 of 5

Date: 02.07.2026

Appendix 1 (continued)

Test equipment used

☐	RF-Attenuator 10 dB DC – 18 GHz / 50 W	NT-417/1	☐	95242-1 – Current probe 1 MHz – 400 MHz	NT-468
☐	RF-Attenuator 6 dB DC – 18 GHz / 50 W	NT-418	☐	94106-1L-1 – Current probe 100 kHz – 450 MHz	NT-471
☐	RF-Attenuator 3 dB DC – 18 GHz / 50 W	NT-419	☐	WHKX12-2700-3000-18000 3 GHz Highpass filter	NT-472
☐	RF-Attenuator 20 dB DC - 1000 MHz / 25 W	NT-421	☐	WHKX10-3870-4500-18000 4,5 GHz Highpass filter	NT-473
☐	RF-Attenuator 30 dB DC - 1000 MHz / 1 W	NT-423	☐	CDN S9 USB3.0 Coupling decoupling network	NT-474
☐	RF-Attenuator 30 dB	NT-424	☐	CDN S2 XLR3-1 Coupling decoupling network	NT-475
☐	RF-Attenuator 6 dB DC - 1000 MHz / 1 W	NT-425	☐	CDN S8 RJ45 Coupling decoupling network	NT-476
☐	RF-Attenuator 6 dB DC - 1000 MHz / 1 W	NT-426	☐	GA 1240 Power amplifier according to EN 61000-4-16	NT-480
☐	RF-Attenuator 6 dB	NT-428	☐	Coupling networks according to EN 61000-4-16	NT-481 - NT-483
☐	RF-Attenuator 0 dB - 81 dB	NT-429	☐	Van der Hoofden Test Head	NT-484
☐	WRU 27 - Band blocking 27 MHz	NT-430	☐	WRCJV12-5820-5850-5950-5980 5,9 GHz Band Reject Filter	NT-490
☐	WHJ450C9 AA - High pass 450 MHz	NT-431	☐	WHKX10-5670-6300-18000 6 GHz Highpass filter	NT-491
☐	WHJ250C9 AA - High pass 250 MHz	NT-432	☐	WHK12-935-1000-7000 1 GHz Highpass filter	NT-492
☐	RF-Load 150 W	NT-433	☐	EMC Video/Audiosystem	NT-511/1
☐	Impedance transducer 1:4 ; 1:9 ; 1:16	NT-435	☐	EMC32 Version 10.60.20 Test software	NT-520/1
☐	RF-Attenuator DC – 18 GHz 6 dB	NT-436	☐	SRM-TS Version 1.3 software for SRM-3000	NT-522
☐	RF-Attenuator DC – 18 GHz 6 dB	NT-437	☐	SRM-TS Version 1.3.1 software for SRM-3006	NT-522/1
☐	RF-Attenuator DC – 18 GHz 10 dB	NT-438	☐	Spitzenberger und Spies Test software V4.1	NT-525
☐	RF-Attenuator DC – 18 GHz 20 dB	NT-439	☐	Vertical coupling plane (ESD)	NT-531
☐	ESH3-Z2 - Pulse limiter 9 kHz - 30 MHz	NT-441	☐	Test cable #4 for EN 61000-4-6	NT-553
☐	Power Divider 6 dB/1 W/50 Ohm	NT-443	☐	Test cable #3 for conducted emission	NT-554
☐	Directional coupler 0,1 MHz – 70 MHz	NT-444	☐	Test cable #5+#6 ESD-cable (2x470k)	NT-555 + NT-556
☐	Directional coupler 0,1 MHz – 70 MHz	NT-445	☐	Test cable #8 Sucoflex 104EA	NT-559
☐	Tube imitations according to EN 55015	NT-450	☐	Test cable #9 (for outdoor measurements)	NT-580
☐	FCC-801-M3-16A Coupling decoupling network	NT-458	☐	Test cable #10 (for outdoor measurements)	NT-581
☐	FCC-801-M2-50A Coupling decoupling network	NT-459	☐	Test cable #13 Sucoflex 104PE	NT-584
☐	FCC-801-M5-25 Coupling decoupling network	NT-460	☐	Test cable #21 for SRM-3000	NT-592
☐	FCC-801-T4 Coupling decoupling network	NT-463	☐	Shield chamber	NT-600
☐	FCC-801-C1 Coupling decoupling network	NT-464	☐	Climatic chamber	M-1200
☐	SW 9605 - Current probe 150 kHz – 30 MHz	NT-465/1			

Competence Center:
Electrical & Environmental

Test report number:
2026-AT-TC-EE-ET-EX-0-
000083-EMV-001

Page: 3 of 5

Date: 02.07.2026

Appendix 1 (continued)

Test equipment used

☒	Anechoic Chamber 3 m / 5 m measuring distance	EMV-100	☐	HF- Amplifier 9 kHz-225 MHz BBL200	EMV-300/1
☒	Turntabel 6 m diameter	EMV-101	☐	HF- Amplifier 80 -1000 MHz BBA150	EMV-301
☒	Antenna mast + controller	EMV-102+ EMV-103	☐	HF- Amplifier 0,8 - 6 GHz BBA150	EMV-302
☒	EMC Video/Audiosystem	EMV-104	☐	High Power Ant. 20-200 MHz HPBA-2510	EMV-303/1
☒	EMC Software EMC32 Version 10.6.2	EMV-105	☐	High Power Ant. 20-200 MHz S12018-21	EMV-303/2
☒	Hornantenna 1 – 18 GHz HF 907	EMV-110	☐	Log.per Antenna 80-2700 MHz STLP 9128 E special	EMV-304
☒	Antennapre.amp. 1 – 18 GHz BBV 9718 D	EMV-111/1	☐	Log.per Antenna 0,7 – 9 GHz STLP9149	EMV-305
☒	Trilog Antenna 30-3000 MHz VULB9163	EMV-112	☐	HF- Amplifier 9 kHz-250 MHz BBA150 (low noise)	EMV-306
☐	Monopol 9 kHz – 30 MHz VAMP 9243	EMV-113	☐	ISO11451-2 TLS 10 kHz – 30 MHz	EMV-307
☒	Antennapre.amp 18 – 40 GHz BBV 9721	EMV-114	☐	Load Dump Generator LD 200N	EMV-350
☐	Hornantenna 200 – 2000 MHz AH-220	EMV-115	☐	Ultra Compact Symulator UCS 200N100	EMV-351
☐	DC Artificial Network PVDC 8300	EMV-150	☐	Automotive Power fail module PFM 200N100.1	EMV-352
☒	AC Artificial Network NNLK 8121 RC	EMV-151	☐	Voltage Drop Symulator VDS 200Q100	EMV-353
☐	AC Artificial Network NNLK 140	EMV- 153a-d	☐	Arb. Generator AutoWave	EMV-354
☒	EMI Receiver ESW44	EMV-200/1	☐	Ultra Compact Symulator UCS 500N7	EMV-355
☐	Signalgenerator 9 kHz – 40 GHz N5173B	EMV-201	☐	Coupling decoupling network CNI 503B7 / 32 A	EMV-356
☒	GPS Frequency normal LBE-1420	EMV-202/1	☐	Coupling decoupling network CNI 503B7 / 63 A	EMV-357
☐	DC Power supply N5745A	EMV-203	☐	Telecom Surge Generator TSurge 7	EMV-358
☐	Spektrum Analyzator FSV40	EMV-205	☐	Coupling decoupling network CNI 508N2	EMV-359
☐	Thd Multimeter Model 2015	EMV-206	☐	Coupling decoupling network CNV 504N2.2	EMV-360
☐	Poweramplifier PAS15000	EMV- 207/abc	☐	Immunity generator NSG4060/NSG4060-1	EMV-361
☐	Inrush Current Source	EMV- 208/abc	☐	Coupling network CDND M316-2	EMV-362
☐	Arb.-generator Sycore	EMV-209	☐	Coupling network CT419-5	EMV-363
☐	Harmonics/Flicker analyzer ARS 16/3	EMV-210	☐	ESD Generator NSG 437	EMV-364
☒	Power Supply Regatron AC	EMV-214	☐	Pulse Limiter VTSD 9561-F BNC	EMV-405
☐	Power Supply Regatron DC	EMV-215	☐	Transient emission BSM200N40+BS200N100	EMV- 450+451
☐	Harmonics/Flicker analyser Zimmer	EMV-216	☐	Cap. Coupling Clamp HFK	EMV-455
☐	Flicker Impedanz Newtons4th 753	EMV-218	☐	Mag. Field System MS100N+MC26100+MC2630	EMV- 456-458
☐	Comemso	EMV-219			

Competence Center:
Electrical & Enviromental

Test report number:
2026-AT-TC-EE-ET-EX-0-
000083-EMV-001

Page: 4 of 5

Date: 02.07.2026

Appendix 1 (continued)

Test equipment used

Competence Center:
Electrical & Environmental

Test report number:
2026-AT-TC-EE-ET-EX-0-
000083-EMV-001

Page: 5 of 5

Date: 02.07.2026

☐	Coupling network CDN M2-100A	EMV-459
☐	Coupling network CDN M3-32A	EMV-460
☐	Coupling network CDN M5-100A	EMV-461
☐	Current Clamp CIP 9136A	EMV-462
☐	DC Artificial Network HV-AN 150	EMV-464+465
☐	Coupling Clamp EM 101	EMV-466
☐	Decoupling Clamp FTC 101	EMV-467
☐	Power attenuator 10 dB / 250 Watt	EMV-469/2
☐	HV AMN NNHV 8123 800A	EMV-472
☐	HV AMN NNHV 8123 800A	EMV-473