

# TEST REPORT

**Application No.:** GZCR2506000932AT  
**Applicant:** HONG KONG PAILUCK TRADE CO., LIMITED  
**Address of Applicant:** Room1508, 15/F., Office Tower Two, Grand Plaza, 625 Nathan Road, Kowloon, Hong Kong  
**Manufacturer:** ZHONGSHAN WANLITONG ANTENNA EQUIPMENT CO., LTD  
**Address of Manufacturer:** Anle Industrial Zone, Dongfeng Town, Zhongshan city, Guangdong Province, China  
**Factory:** ZHONGSHAN WANLITONG ANTENNA EQUIPMENT CO., LTD  
**Address of Factory:** Anle Industrial Zone, Dongfeng Town, Zhongshan city, Guangdong Province, China  
**Product Name:** TV ANTENNA  
**Model No.:** Please refer to page 2-3.  
**Trade Mark:** Aimto-Pro, WALITO  
**Standard(s) :** 47 CFR Part 15, Subpart B  
**Date of Receipt:** 2025-06-27  
**Date of Test:** 2025-07-07 to 2025-07-08  
**Date of Issue:** 2025-07-28

<b>Test Result:</b>	<b>Pass*</b>
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\* In the configuration tested, the EUT complied with the standards specified above.

*Ricky Liu*

Ricky Liu  
Manager



### Model No.:

### Aimto-Pro:

WA-2608, WA-2608+POLE, UHD-2608A-12, UHD-2608A-15, UHD-2608A-18, UHD-2608AJ-12, UHD-2608AJ-15, UHD-2608AJ-18, UHD-2608C-12, UHD-2608C-15, UHD-2608C-18, UHD-2608CJ-12, UHD-2608CJ-15, UHD-2608CJ-18, UHD-3986-12, UHD-3986-15, UHD-3986-18, WB-02+WY-03, WB-02+WY-16, WB-02, WB-16, WY-03, WY-16, UHD-8980, UHD-8981, UHD-8982, UHD-8983, UHD-8984, UHD-8985, UHD-8986, UHD-8987, UHD-8988, UHD-8989, UHD-8990, UHD-8991, UHD-8992, UHD-8993, UHD-8994, UHD-8995, UHD-8996, UHD-8997, UHD-8998, UHD-8999, UHD-6600, UHD-6601, UHD-6602, UHD-6603, UHD-6604, UHD-6605, UHD-6606, UHD-6607, UHD-6608, UHD-6609, UHD-6610

### WALITO:

UHD-8803A, UHD-8803B, UHD-8803C, UHD-8806A, UHD-8806B, UHD-8806C, UHD-3987A, UHD-3987B, UHD-3987C, UHD-8912A, UHD-8912B, UHD-8912C, UHD-3920A, UHD-3920B, UHD-3920C, UHD-3925A, UHD-3925B, UHD-3925C, UHD-3976A, UHD-3976B, UHD-3976C, UHD-163A, UHD-163B, UHD-163C, UHD-168A, UHD-168B, UHD-168C, UHD-169A, UHD-169B, UHD-169C, DA-600A, DA-600B, DA-600C, DA-701A, DA-701B, DA-701C, DA-700A, DA-700B, DA-700C, DA-705, UHD-2903, UHD-2903A, UHD-2903B, UHD-2903C, UHD-8801, UHD-8802A, UHD-8802B, UHD-8802C, UHD-8915, UHD-8915A, UHD-8915B, UHD-3923, UHD-3923A, UHD-3923B, UHD-3923C, UHD-3924, UHD-3924A, UHD-3924B, UHD-3924C, WA-2906, WA-2906A, WA-2906B, WA-2906C, DA-600A, DA-600B, DA-600C, DA-700A, DA-700B, DA-700C, AR-883, WA-8803, UHD-8806, UHD-8806A, UHD-8806B, UHD-8907, UHD-8907A, UHD-8907B, UHD-8907C, EM-400C, EM-400C-A, SNA-700, UHD-3901A, UHD-3902A, UHD-3903A, UHD-3937A, AR-603A, UHD-3916A, UHD-3917A, UHD-3918A, UHD-3919A, UHD-3926A, UHD-3933A, UHD-3911, UHD-3961A, UHD-3933A, UHD-3944A, UHD-3966A, UHD-3978, UHD-3978A, UHD-3982, UHD-3982B, UHD-699A, UHD-699B, UHD-689A, UHD-689B, UHD-688A, UHD-688B, UHD-628A, UHD-628B, UHD-828A, UHD-828B, AR-468AW, AR-486AW, AR-463AW, AR-467AW, G-11, G-91, AR-501A, DA-703, DA-100, DA-200, AR-80A, AR-805B, AR-805C, DA-702, UHD-3963A, UHD-3963B, UHD-3963C, UHD-3963D, UHD-605, AR-161A, AR-162A, AR-162B, AR-163C, AR-162DDA-300, DA-300A, DA-300B, DA-300C, DA-300D, DA-300E, DA-400, DA-400A, DA-400B, DA-400C, DA-400D, DA-400E, DA-500, DA-500A, DA-500B, DA-500C, DA-500D, DA-500E, WA-2900A, WA-2900B, WA-2900C, WA-2900D, WA-2900E, WA-3900F, WA-2900G, WA-2900H, WA-2900I, WA-2900J, WA-2900K, UHD-3948A, UHD-3948UV, WA-2900GUV, UHD-3921, UHD-3922, UHD-8807, WA-2002, WA-2002A, WA-2002B, WA-2002C, WA-2002D, WA-2004, WA-2005, WA-2006, WA-2601, WA-2602, WA-2603, WA-2604, WA-2605, WA-2605A, WA-2606, WA-2607, WA-2609, WA-2702, WA-2801, WA-2802, WA-2803, WA-2804, WA-2805, WA-2805A, WA-2805B, WA-2806, WA-2908, UHD-3952, WA-850TG, WA-950TG, WA-980TG, WA-980TG-UV, WA-981TG, WA-981TG-UV, WA-1020TG, WA-8801, WA-8802, WA-8803, WA-2608, WA-2608+POLE, WA-2608A, WA-2608A+POLE, WA-2608B, WA-2608B+POLE, WA-2608C, WA-2608C+POLE, UHD-3986, UHD-3942A, UHD-3942B, UHD-3942C, UHD-




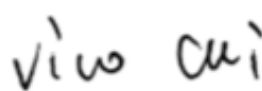
3945A, UHD-3945B, UD-3945C, UHD-8909, UHD-8924, UHD-8924, WC-232, WC-232A, WC-233, WC-233A, WC-233JA, WC-233JB, WC-235, WC-235B, WC-236, WC-236B, WC-237, WC-237B, WC-238, WC-238A, WC-238B, WC-238E, WC-238B-02UV, WC-239, WC-239A, WC-239B, WC-239E, WC-118, WC-118A, WC-118B, WC-118C, WC-118D, WC-118D-02UV, WC-318A, WC-318B, WC-318C, WC-318D, WC-318E, WC-318D-01UV, WC-328A, WC-328B, WC-328C, WC-328D, WC-328E, WC-328F, WC-328H-01UV, WC-328H-01UV, WC-338A, WC-338B, WC-338E, WC-338G, WC-338H-03UV, WC-368, WC-368A, WC-368B, WC-368C, WC-368D, WC-368E, WC-368B-02UV, DA-210J, DA-210K, DA-210J-01UV, DA-210J-02UV, DA-280A, DA-270A, DA-280B, DA-210D, DA-210E, DA-210J, DA-210K, DA-210L, DA-210J-01UV, DA-210J-02UV, DA-250A, DA-250B, DA-250C, DA-250D, DA-250E, DA-250F, DA-260A, DA-260B, DA-270A, DA-270B, DA-280A, DA-280B, DA-290A, DA-290B, W-15-4, W-15-5, W-15-6, W-15-7, W-15-8, W-15-9, W-15-10, W-15-13, WC-300, WC-310, WC-320, B-12D-10, B-12D-12, UHD-8911, UHD-8901, UHD-8902, UHD-8910, UHD-8903, UHD-8904UV, UHD-8904A, UHD-8904B, UHD-3949A, UHD-3949B, UHD-3949C, UHD-3949C-02UV, UHD-3993A, UHD-3993B, UHD-3968, UHD-3992, DA-200A, DA-200B-14, DA-200B-10, DA-200B-8, UHD-3943UV, UHD-3943, UHD-3971B, UHD-3971C, UHD-8916, BUV-1000, BUV-2000, CX-208, CX-2, CX-4, CX-8, CX-2F, CX-301, CX-4F, CX-8F, CX-201, CX-203, CX-204, FZ-01, FZ-02, FZ-03, FZ-04, FZ-05, FZ-06, FX-01F, FZ-02F, FZ-03F, FZ-04F, FZ-05F, FZ-06F, WD-01, WD-04, WD-06, WB-21, WB-24, WB-25, WB-01, WB-02, WB-03, WB-16, WB-01+WY-01, WB-02+WY-03, WB-02+WY-16, WB-16+WY-16, WA-01, WA-04, WA-05, WA-06, WA-07, WA-08, WA-09, WA-10, WA-11, WY-01, WY-02, WY-03, WY-16, UHD-8820, UHD-8821, UHD-8822, UHD-8823, UHD-8824, UHD-8825, UHD-8826, UHD-8827, UHD-8828, UHD-8829, UHD-8980, UHD-8981, UHD-8982, UHD-8983, UHD-8984, UHD-8985, UHD-8986, UHD-8987, UHD-8988, UHD-8989, UHD-8990, UHD-8991, UHD-8992, UHD-8993, UHD-8994, UHD-8995, UHD-8996, UHD-8997, UHD-8998, UHD-8999, UHD-6600, UHD-6601, UHD-6602, UHD-6603, UHD-6604, UHD-6605, UHD-6606, UHD-6607, UHD-6608, UHD-6609, UHD-6610 ♣

♣

Please refer to section 2 of this report which indicates which item was actually tested and which were electrically identical.



Revision Record			
Version	Report No.	Date	Remark
01	GZCR250600093201	2025-07-28	Original

Authorized for issue by:				
				
		Allen Zhou/Project Engineer		
				
		Vico Cui/Reviewer		





## 2 Test Summary

Emission Part				
Item	Standard	Method	Requirement	Result
Conducted Emissions at Mains Terminals (150kHz-30MHz)	47 CFR Part 15, Subpart B	ANSI C63.4-2014	15.107(a);Class B	Pass
Radiated Emissions (30MHz-1GHz)		ANSI C63.4-2014	15.109(a);Class B	Pass

### Note:

E.U.T./EUT means Equipment Under Test.

Pass means the test result passed the test standard requirement, please find the detailed decision rule in the report relative section.

### ✦Declaration of EUT Family Grouping:

#### Model No.:

Aimto-Pro:

WA-2608, WA-2608+POLE, UHD-2608A-12, UHD-2608A-15, UHD-2608A-18, UHD-2608AJ-12, UHD-2608AJ-15, UHD-2608AJ-18, UHD-2608C-12, UHD-2608C-15, UHD-2608C-18, UHD-2608CJ-12, UHD-2608CJ-15, UHD-2608CJ-18, UHD-3986-12, UHD-3986-15, UHD-3986-18, WB-02+WY-03, WB-02+WY-16, WB-02, WB-16, WY-03, WY-16, UHD-8980, UHD-8981, UHD-8982, UHD-8983, UHD-8984, UHD-8985, UHD-8986, UHD-8987, UHD-8988, UHD-8989, UHD-8990, UHD-8991, UHD-8992, UHD-8993, UHD-8994, UHD-8995, UHD-8996, UHD-8997, UHD-8998, UHD-8999, UHD-6600, UHD-6601, UHD-6602, UHD-6603, UHD-6604, UHD-6605, UHD-6606, UHD-6607, UHD-6608, UHD-6609, UHD-6610

#### WALITO:

UHD-8803A, UHD-8803B, UHD-8803C, UHD-8806A, UHD-8806B, UHD-8806C, UHD-3987A, UHD-3987B, UHD-3987C, UHD-8912A, UHD-8912B, UHD-8912C, UHD-3920A, UHD-3920B, UHD-3920C, UHD-3925A, UHD-3925B, UHD-3925C, UHD-3976A, UHD-3976B, UHD-3976C, UHD-163A, UHD-163B, UHD-163C, UHD-168A, UHD-168B, UHD-168C, UHD-169A, UHD-169B, UHD-169C, DA-600A, DA-600B, DA-600C, DA-701A, DA-701B, DA-701C, DA-700A, DA-700B, DA-700C, DA-705, UHD-2903, UHD-2903A, UHD-2903B, UHD-2903C, UHD-8801, UHD-8802A, UHD-8802B, UHD-8802C, UHD-8915, UHD-8915A, UHD-8915B, UHD-3923, UHD-3923A, UHD-3923B, UHD-3923C, UHD-3924, UHD-3924A, UHD-3924B, UHD-3924C, WA-2906, WA-2906A, WA-2906B, WA-2906C, DA-600A, DA-600B, DA-600C, DA-700A, DA-700B, DA-700C, AR-883, WA-8803, UHD-8806, UHD-8806A, UHD-8806B, UHD-8907, UHD-8907A, UHD-8907B, UHD-8907C, EM-400C, EM-400C-A, SNA-700, UHD-3901A, UHD-3902A, UHD-3903A, UHD-3937A, AR-603A, UHD-3916A, UHD-3917A, UHD-3918A, UHD-3919A, UHD-3926A, UHD-3933A, UHD-3911, UHD-3961A, UHD-3933A, UHD-3944A, UHD-3966A, UHD-3978, UHD-3978A, UHD-3982, UHD-3982B, UHD-699A, UHD-699B, UHD-689A, UHD-689B, UHD-688A, UHD-688B, UHD-628A, UHD-628B, UHD-828A, UHD-828B, AR-468AW, AR-468AW, AR-463AW, AR-467AW, G-11, G-91, AR-501A, DA-703, DA-100, DA-200, AR-80A, AR-805B, AR-805C, DA-702, UHD-3963A, UHD-3963B, UHD-3963C, UHD-3963D, UHD-605, AR-161A, AR-162A, AR-162B, AR-163C, AR-162DDA-300, DA-300A, DA-300B, DA-300C, DA-300D, DA-300E, DA-400, DA-400A, DA-400B, DA-400C, DA-400D, DA-400E, DA-500, DA-500A, DA-500B, DA-500C, DA-500D, DA-500E, WA-2900A, WA-2900B, WA-2900C, WA-2900D, WA-2900E, WA-3900F, WA-2900G, WA-2900H, WA-2900I, WA-2900J, WA-2900K, UHD-3948A, UHD-3948UV, WA-



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2900GUV, UHD-3921, UHD-3922, UHD-8807, WA-2002, WA-2002A, WA-2002B, WA-2002C, WA-2002D, WA-2004, WA-2005, WA-2006, WA-2601, WA-2602, WA-2603, WA-2604, WA-2605, WA-2605A, WA-2606, WA-2607, WA-2609, WA-2702, WA-2801, WA-2802, WA-2803, WA-2804, WA-2805, WA-2805A, WA-2805B, WA-2806, WA-2908, UHD-3952, WA-850TG, WA-950TG, WA-980TG, WA-980TG-UV, WA-981TG, WA-981TG-UV, WA-1020TG, WA-8801, WA-8802, WA-8803, WA-2608, WA-2608+POLE, WA-2608A, WA-2608A+POLE, WA-2608B, WA-2608B+POLE, WA-2608C, WA-2608C+POLE, UHD-3986, UHD-3942A, UHD-3942B, UHD-3942C, UHD-3945A, UHD-3945B, UD-3945C, UHD-8909, UHD-8924, UHD-8924, WC-232, WC-232A, WC-233, WC-233A, WC-233JA, WC-233JB, WC-235, WC-235B, WC-236, WC-236B, WC-237, WC-237B, WC-238, WC-238A, WC-238B, WC-238E, WC-238B-02UV, WC-239, WC-239A, WC-239B, WC-239E, WC-118, WC-118A, WC-118B, WC-118C, WC-118D, WC-118D-02UV, WC-318A, WC-318B, WC-318C, WC-318D, WC-318E, WC-318D-01UV, WC-328A, WC-328B, WC-328C, WC-328D, WC-328E, WC-328F, WC-328H-01UV, WC-328H-01UV, WC-338A, WC-338B, WC-338E, WC-338G, WC-338H-03UV, WC-368, WC-368A, WC-368B, WC-368C, WC-368D, WC-368E, WC-368B-02UV, DA-210J, DA-210K, DA-210J-01UV, DA-210J-02UV, DA-280A, DA-270A, DA-280B, DA-210D, DA-210E, DA-210J, DA-210K, DA-210L, DA-210J-01UV, DA-210J-02UV, DA-250A, DA-250B, DA-250C, DA-250D, DA-250E, DA-250F, DA-260A, DA-260B, DA-270A, DA-270B, DA-280A, DA-280B, DA-290A, DA-290B, W-15-4, W-15-5, W-15-6, W-15-7, W-15-8, W-15-9, W-15-10, W-15-13, WC-300, WC-310, WC-320, B-12D-10, B-12D-12, UHD-8911, UHD-8901, UHD-8902, UHD-8910, UHD-8903, UHD-8904UV, UHD-8904A, UHD-8904B, UHD-3949A, UHD-3949B, UHD-3949C, UHD-3949C-02UV, UHD-3993A, UHD-3993B, UHD-3968, UHD-3992, DA-200A, DA-200B-14, DA-200B-10, DA-200B-8, UHD-3943UV, UHD-3943, UHD-3971B, UHD-3971C, UHD-8916, BUV-1000, BUV-2000, CX-208, CX-2, CX-4, CX-8, CX-2F, CX-301, CX-4F, CX-8F, CX-201, CX-203, CX-204, FZ-01, FZ-02, FZ-03, FZ-04, FZ-05, FZ-06, FX-01F, FZ-02F, FZ-03F, FZ-04F, FZ-05F, FZ-06F, WD-01, WD-04, WD-06, WB-21, WB-24, WB-25, WB-01, WB-02, WB-03, WB-16, WB-01+WY-01, WB-02+WY-03, WB-02+WY-16, WB-16+WY-16, WA-01, WA-04, WA-05, WA-06, WA-07, WA-08, WA-09, WA-10, WA-11, WY-01, WY-02, WY-03, WY-16, UHD-8820, UHD-8821, UHD-8822, UHD-8823, UHD-8824, UHD-8825, UHD-8826, UHD-8827, UHD-8828, UHD-8829, UHD-8980, UHD-8981, UHD-8982, UHD-8983, UHD-8984, UHD-8985, UHD-8986, UHD-8987, UHD-8988, UHD-8989, UHD-8990, UHD-8991, UHD-8992, UHD-8993, UHD-8994, UHD-8995, UHD-8996, UHD-8997, UHD-8998, UHD-8999, UHD-6600, UHD-6601, UHD-6602, UHD-6603, UHD-6604, UHD-6605, UHD-6606, UHD-6607, UHD-6608, UHD-6609, UHD-6610

According to the declaration from the applicant, the electrical circuit design, layout, components used and internal wiring were identical for all models, with only difference being the model name.

Therefore only one model **WA-2608** was tested in this report.



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## 4 General Information

### 4.1 Details of E.U.T.

Power supply: AC 15V,60Hz powered by AC/AC adapter as below:

Model: FD41UA-15-300

Input: AC 120 V, 60 Hz, 210 mA

Cable(s): AC mains cable:2 wires 1.0m unshielded

Test Voltage: AC 120V,60Hz

Internal Source: < 108 MHz

Remark: The information in this section is provided by the applicant or manufacturer, SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.

### 4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Sony TV	SONY	KD-55X8500G	1447198

### 4.3 Measurement Uncertainty

Test Item	Measurement Uncertainty
Conducted Emissions at Mains Terminals (150kHz-30MHz)	3.22dB (150kHz to 30MHz)
Radiated Emissions (30MHz-1GHz)	5.14dB (30MHz-1GHz):3m; 4.90dB (30MHz-1GHz):10m
<p>Remark:</p> <p>The <math>U_{lab}</math> (lab Uncertainty) is less than <math>U_{cisp}</math> (CISPR Uncertainty) or <math>U_{ETSI}</math> (ETSI Uncertainty).</p> <p>Emission decision rule:</p> <ul style="list-style-type: none"> <li>– Compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit, marked as Pass in the report.</li> <li>– Non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit, marked as Fail in the report.</li> </ul>	

### 4.4 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Guangzhou Branch EMC Laboratory,  
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou,  
Guangdong, China 510663

Tel: +86 20 82155555

No tests were sub-contracted.



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Guangzhou Branch EMC Laboratory. 中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 sgs.china@sgs.com



## 4.5 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

### ● ACMA

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory can also perform testing for the Australian/New Zealand Regulatory Compliance Mark (RCM).

### ● SGS UK(Certificate No.: 32), SGS-TUV SAARLAND and SGS-FIMKO

Have approved SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory as a supplier of EMC TESTING SERVICES and SAFETY TESTING SERVICES.

### ● FCC Recognized Accredited Test Firm(Registration No.: 486818)

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been accredited and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Designation Number: CN5016, Test Firm Registration Number: 486818.

### ● ISED (Registration No.: 4620B, CAB identifier: CN0052)

SGS-CSTC Standards Technical Services Co., Ltd., has been registered by Innovation Science and Economic Development Canada for Wireless Device Testing laboratories to test to Canadian radio equipment requirements. Registration No. 4620B, CAB identifier: CN0052.

### ● VCCI (Registration No.: R-12460, C-12584, G-20107 and T-11179)

The 10m Semi-anechoic chamber, 966 Anechoic Chamber and Shielded Room of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-12460, C-12584, G-20107 and T-11179 respectively.

### ● CBTL (Lab Code: TL129)

SGS-CSTC Standards Technical Services Co., Ltd., E&E Laboratory has been assessed and fully comply with the requirements of ISO/IEC 17025:2017, the Basic Rules, IECEE 01 and Rules of procedure IECEE 02, and the relevant IECEE CB-Scheme Operational documents.

## 4.6 Deviation from Standards

None

## 4.7 Abnormalities from Standard Conditions

None



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## 5 Equipment List

Conducted Emissions at Mains Terminals (150kHz-30MHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Coaxial Cable	HangTianXing	2m	EMC0107	2023-08-24	2025-08-23
Shielding Room	ChangZhou ZhongYu	8m x 3m x 3.8m	EMC0306	2022-10-16	2025-10-15
Two-Line V-Network-GZ	Rohde & Schwarz	ENV216	EMC2135	2024-09-02	2025-09-01
EMI Test Receiver (9kHz-3.6GHz)	Rohde & Schwarz	ESR3	EMC2221	2024-12-04	2025-12-03
Test Software E3r	Audix	Ver.6.191211	GZE100-77	N/A	N/A

Radiated Emissions (30MHz-1GHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
966 Anechoic Chamber	Shenzhen C.R.T	CRTSGSSAC966	EMC2230	2025-03-22	2028-03-21
EMI Test Receiver(1Hz-8GHz)	Rohde & Schwarz	ESW8	EMC2229	2024-12-03	2025-12-02
Amplifier(9k-1000MHz)	SONOMA	310	EMC2237	2024-12-03	2025-12-02
Trilog Broadband Antenna (25MHz-2GHz)	Schwarzbeck Mess-Elektronik	VULB 9168	EMC2238	2025-03-24	2027-03-23
Coaxial Cable	Mirco-COAX UTIFLEX ve	LA2-C125-8000	EMC2239	2024-12-04	2026-12-03
Test Software E3	Audix	Ver.6.191211	GZE100-81	N/A	N/A

General used equipment					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
DMM	Fluke	73	EMC0006	2025-06-03	2026-06-02



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## 6 Emission Test Results

### 6.1 Conducted Emissions at Mains Terminals (150kHz-30MHz)

Test Requirement: 47 CFR Part 15, Subpart B  
 Test Method: ANSI C63.4-2014  
 Limit:  
 0.15MHz-0.5MHz: 66dB(μV)-56dB(μV) quasi-peak, 56dB(μV)-46dB(μV) average  
 0.5MHz-5MHz: 56dB(μV) quasi-peak, 46dB(μV) average  
 5MHz-30MHz: 60dB(μV) quasi-peak, 50dB(μV) average  
 Detector: Peak for pre-scan (9kHz resolution bandwidth) 0.15M to 30MHz

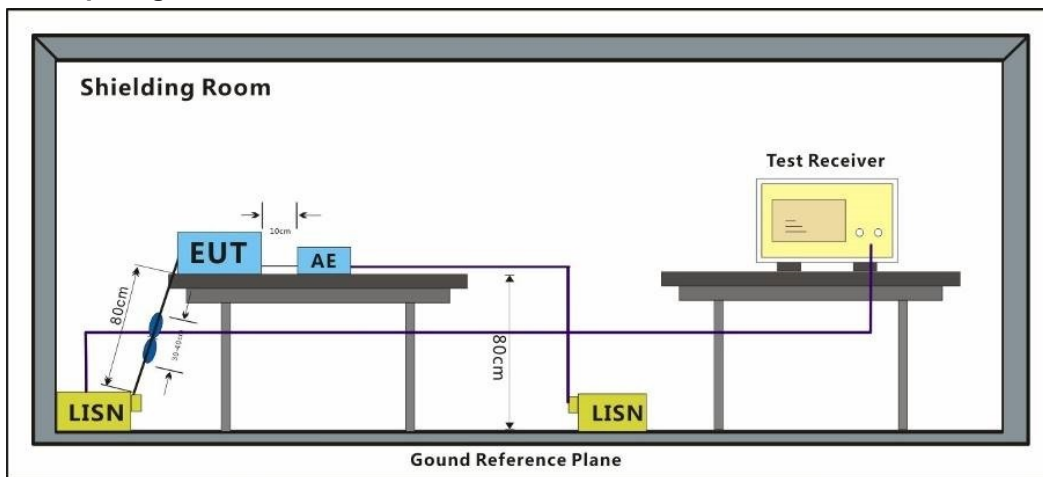
#### 6.1.1 E.U.T. Operation

Operating Environment:  
 Temperature: 21.8 °C Humidity: 56.3 % RH Atmospheric Pressure: 1008 mbar

#### 6.1.2 Test Mode Description

Pre-scan / Mode	Description
Final test Code	
Final test 00	Test the EUT in signal receiving mode with motor running

#### 6.1.3 Test Setup Diagram

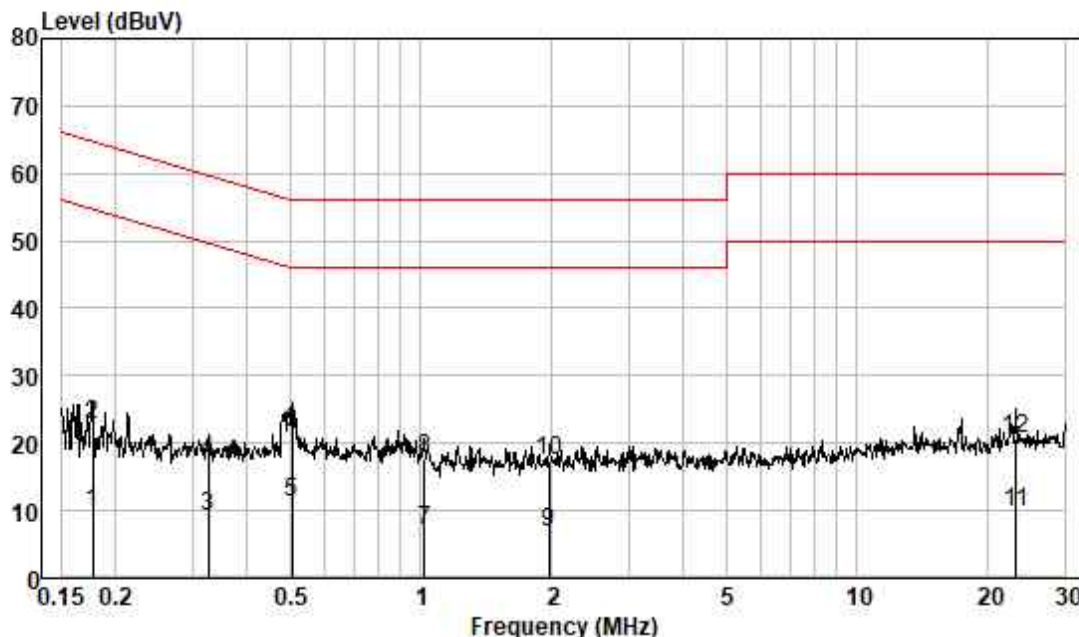


#### 6.1.4 Measurement Procedure and Data

An initial pre-scan was performed with peak detector. Quasi-Peak or Average measurement were performed at the frequencies with maximized peak emission were detected.

Remark: Level= Read Level+ Cable Loss+ LISN Factor

Test Mode: 00; Line: Live line



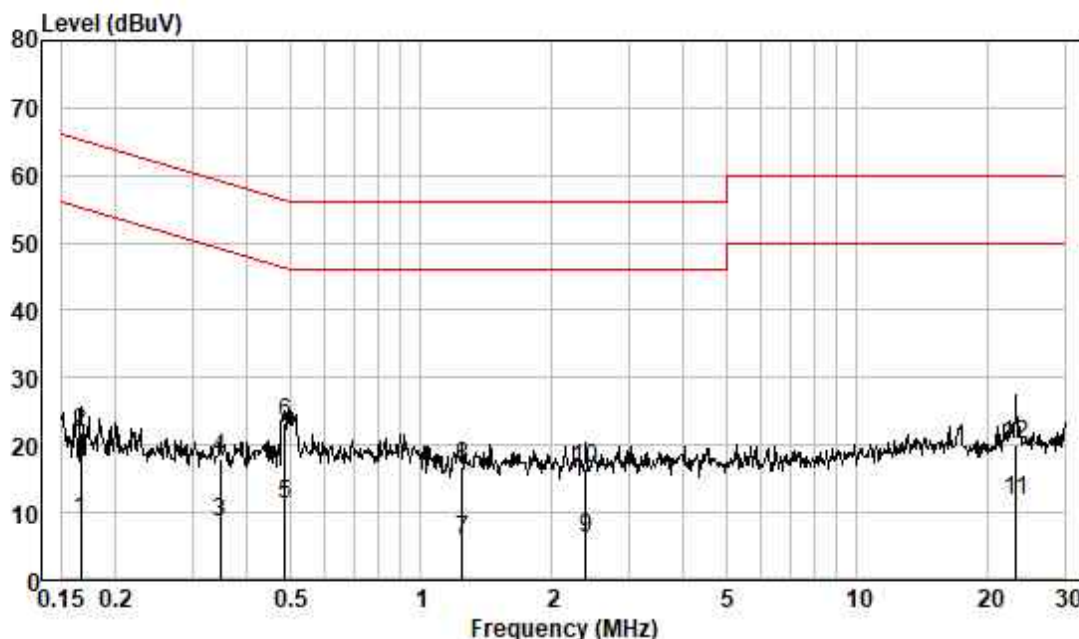
Pol : LINE  
Mode :  
Model :  
Power :

	Frequency MHz	Read Level dBuV	Cable Loss dB	LISN Factor dB	Measured Level dBuV	Limit Line dBuV	Over Limit dB	Remark
1	0.177	0.14	0.04	9.54	9.72	54.64	-44.92	Average
2	0.177	13.15	0.04	9.54	22.73	64.64	-41.91	QP
3	0.325	-0.51	0.04	9.57	9.10	49.57	-40.47	Average
4	0.325	7.70	0.04	9.57	17.31	59.57	-42.26	QP
5	0.507	1.64	0.05	9.59	11.28	46.00	-34.72	Average
6	0.507	11.90	0.05	9.59	21.54	56.00	-34.46	QP
7	1.021	-2.50	0.07	9.54	7.11	46.00	-38.89	Average
8	1.021	8.21	0.07	9.54	17.82	56.00	-38.18	QP
9	1.970	-2.81	0.12	9.61	6.92	46.00	-39.08	Average
10	1.970	7.64	0.12	9.61	17.37	56.00	-38.63	QP
11	23.140	-0.56	0.41	9.83	9.68	50.00	-40.32	Average
12	23.140	10.54	0.41	9.83	20.78	60.00	-39.22	QP





Test Mode: 00; Line: Neutral Line



Pol : NEUTRAL  
Mode :  
Model :  
Power :

	Frequency MHz	Read Level dBuV	Cable Loss dB	LISN Factor dB	Measured Level dBuV	Limit Line dBuV	Over Limit dB	Remark
1	0.166	-0.57	0.04	9.53	9.00	55.16	-46.16	Average
2	0.166	12.40	0.04	9.53	21.97	65.16	-43.19	QP
3	0.346	-0.94	0.05	9.51	8.62	49.05	-40.43	Average
4	0.346	8.56	0.05	9.51	18.12	59.05	-40.93	QP
5	0.489	1.57	0.05	9.58	11.20	46.19	-34.99	Average
6	0.489	13.74	0.05	9.58	23.37	56.19	-32.82	QP
7	1.242	-3.67	0.09	9.56	5.98	46.00	-40.02	Average
8	1.242	7.24	0.09	9.56	16.89	56.00	-39.11	QP
9	2.384	-3.37	0.14	9.57	6.34	46.00	-39.66	Average
10	2.384	6.85	0.14	9.57	16.56	56.00	-39.44	QP
11	23.140	1.35	0.41	9.95	11.71	50.00	-38.29	Average
12	23.140	9.85	0.41	9.95	20.21	60.00	-39.79	QP

### 6.2 Radiated Emissions (30MHz-1GHz)

Test Requirement: 47 CFR Part 15, Subpart B

Test Method: ANSI C63.4-2014

Limit:

Class B

Test Distance: 3m

30MHz -88MHz 40.00 (dBμV/m) quasi-peak

88MHz-216MHz 43.52 (dBμV/m) quasi-peak

216MHz-960MHz 46.02 (dBμV/m) quasi-peak

960MHz-1000MHz 53.98 (dBμV/m) quasi-peak

Detector: Peak for pre-scan (120kHz resolution bandwidth) 30MHz to1000MHz

#### 6.2.1 E.U.T. Operation

Operating Environment:

Temperature: 25.1 °C

Humidity: 50.2 % RH

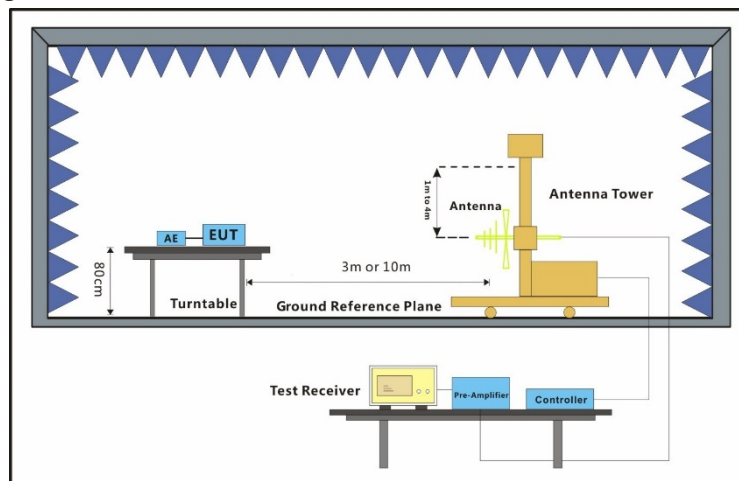
Atmospheric Pressure: 1008 mbar

#### 6.2.2 Test Mode Description

Pre-scan / Mode	Description
Final test Code	

Final test 00	Test the EUT in signal receiving mode with motor running
---------------	--

#### 6.2.3 Test Setup Diagram

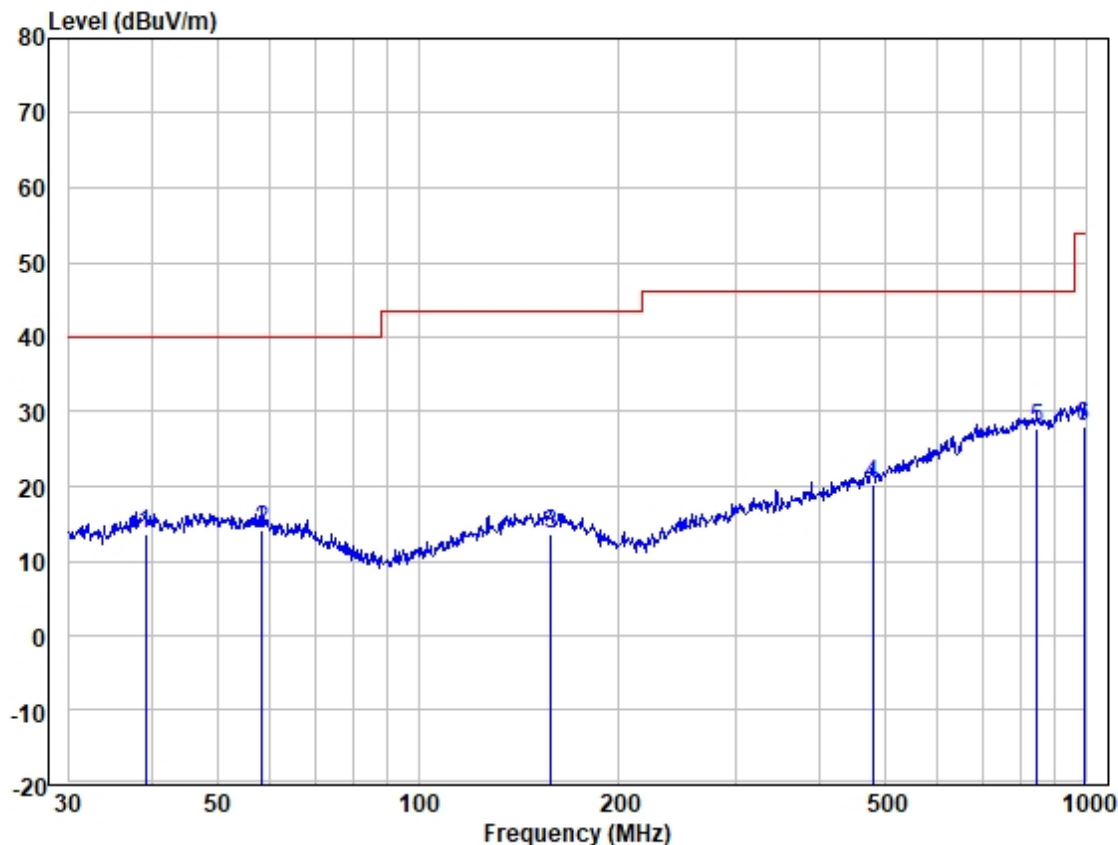


#### 6.2.4 Measurement Procedure and Data

An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by BiConiLog antenna with 2 orthogonal polarities.

Remark: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

Test Mode: 00; Polarity: Horizontal



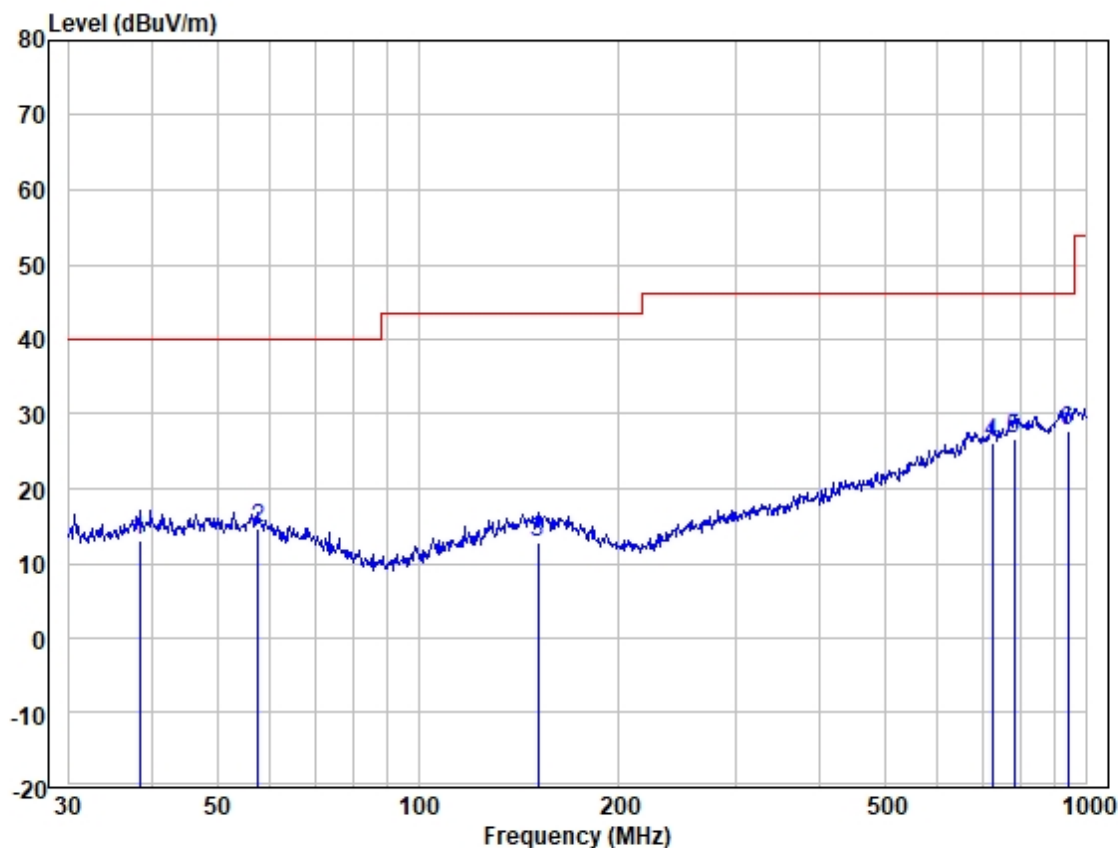
Site : 966 Chamber  
Job :  
Model :  
Power :  
Test Mode :

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Measured Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	39.024	26.83	19.09	0.35	32.77	13.50	40.00	-26.50	HORIZONTAL	QP
2	58.407	27.44	19.09	0.41	32.78	14.16	40.00	-25.84	HORIZONTAL	QP
3	158.112	26.50	19.17	0.70	32.77	13.60	43.52	-29.92	HORIZONTAL	QP
4	478.846	28.63	23.21	1.27	32.94	20.17	46.02	-25.85	HORIZONTAL	QP
5	845.088	28.75	28.85	1.70	31.50	27.80	46.02	-18.22	HORIZONTAL	QP
6	993.011	26.75	30.02	1.84	30.65	27.96	53.98	-26.02	HORIZONTAL	QP





Test Mode: 00; Polarity: Vertical



Site : 966 Chamber  
Job :  
Model :  
Power :  
Test Mode :

	Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Measured Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	38.346	26.39	19.09	0.34	32.77	13.05	40.00	-26.95	VERTICAL	QP
2	57.594	27.90	19.17	0.41	32.78	14.70	40.00	-25.30	VERTICAL	QP
3	151.067	25.82	19.16	0.67	32.76	12.89	43.52	-30.63	VERTICAL	QP
4	724.261	28.84	27.41	1.56	31.76	26.05	46.02	-19.97	VERTICAL	QP
5	779.607	28.28	28.33	1.65	31.64	26.62	46.02	-19.40	VERTICAL	QP
6	938.833	26.90	29.84	1.78	30.80	27.72	46.02	-18.30	VERTICAL	QP





## 7 Test Setup Photo

Refer to Appendix - Test Setup Photo for GZCR250600093201



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## 8 EUT Constructional Details (EUT Photos)

Refer to Appendix - External and Internal Photos for GZCR2506000932AT

- End of the Report -

