



# TEST REPORT

**Test Report No.: UL-RPT-EMC-13729924-116-FCC**

**Applicant** : EHEIM GmbH & Co. KG  
**Model Number** : 3583310 (153583310)  
**FCC ID** : 2AY5F-7376950  
**Technology** : WLAN 2.4 GHz (802.11 b, g, n)  
**Test Standard(s)** : **FCC Part 15.107 & 15.109**

1. This test report shall not be reproduced in full or partial, without the written approval of UL International Germany GmbH.
2. The results in this report apply only to the sample tested.
3. The test results in this report are traceable to the national or international standards.
4. Test Report Version 1.1 supersedes Test Report Version 1.0
5. Result of the tested sample: **PASS**
6. For details of applied tests and test results refer to test results summary

Prepared by: M. Asim Shahzad  
Title: Engineer  
Date: 16.06.2021

Approved by: Bernd Woerl  
Title: Operations leader  
Date: 28.06.2021



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This laboratory is accredited by DAkkS.  
The tests reported herein have been performed in  
accordance with its' terms of accreditation.

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## 1. Customer Information

### 1.1. Applicant information

<b>Company Name:</b>	EHEIM GmbH & Co. KG
<b>Company Address:</b>	Plochinger Strasse 54; 73779 Deizisau; Germany
<b>Contact Person:</b>	Mr. Jan Winnacker
<b>Contact E-Mail Address:</b>	Jan.winnacker@eheim.com
<b>Contact Phone No.:</b>	+49 7153 7002 240

### 1.2. Manufacturer Information

<b>Company Name:</b>	NEWA Tecno Industria srl
<b>Company Address:</b>	Via dell'Artigianato, 2; 35010 Loreggia (PD); Italy
<b>Contact Person:</b>	Mr. Alfio Zorzi
<b>Contact E-Mail Address:</b>	standards-dept@newa.it
<b>Contact Phone No.:</b>	+39 049 5794069

## 2. Summary of Testing

### 2.1. General Information

#### Applied Standards

<b>Specification Reference:</b>	47CFR15.107 and 47CFR15.109
<b>Specification Title:</b>	Code of Federal Regulations Volume 47 (Telecommunications): Part 15 Subpart B (Unintentional Radiators) – Sections 15.107 and 15.109
<b>Test Firm Registration:</b>	399704

#### Location

<b>Location of Testing:</b>	UL International Germany GmbH Hedelfinger Str. 61 70327 Stuttgart Germany
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#### Date information

<b>Order Date:</b>	08.03.2021
<b>EUT arrived:</b>	11.05.2021
<b>Test Dates:</b>	20.05.2021 & 22.05.2021
<b>EUT returned:</b>	-/-

## 2.2. Summary of Test Results

Clause	Measurement	Complied	Did not complied	Not performed	Not applicable
Part 15.107 (a)	AC Conducted Emissions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Part 15.109 (a)	Radiated Emissions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Decision rule:</b> Where not otherwise specified or communicated in writing, statements of conformity (e.g. Pass/Fail) are established according to the following decision rule: considering that the applied test standards take measurement uncertainty into account, acceptance limit equals the tolerance limit (Accuracy Method). This leads to a maximum 50% of false accept or false reject when the measured value equals the tolerance limit. See ILAC-G8:09/2019 for further details.					

Note: Complies with class B limits.

## Information regarding class A and class B devices

Excerpt of Title 47 chapter I Part 15 subchapter A § 15.3 Definitions

(h) *Class A digital device.* A digital device that is marketed for use in a commercial, industrial or business environment, exclusive of a device which is marketed for use by the general public or is intended to be used in the home.

(i) *Class B digital device.* A digital device that is marketed for use in a residential environment notwithstanding use in commercial, business and industrial environments. Examples of such devices include, but are not limited to, personal computers, calculators, and similar electronic devices that are marketed for use by the general public.

## 2.3. Method and procedure

<b>Reference:</b>	<b>ANSI C63.4-2014; ANSI C63.4a-2017</b>
<b>Title:</b>	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.
<b>Reference:</b>	<b>KDB 174176 D01 Line Conducted FAQ v01r01 June 3, 2015</b>
<b>Title:</b>	AC Power-Line Conducted Emissions Frequently Asked Questions

## 2.4. Deviations from the Test Specification

For the measurements contained within this test report, there were no deviations from, additions to, or exclusions from the test specification identified above.

### 3 Equipment Under Test (EUT)

#### 3.1 Identification of Equipment under Test (EUT)

<b>EUT Description:</b>	WiFi automatic aquarium feeder
<b>Brand Name:</b>	EHEIM
<b>Model Name or Number:</b>	EHEIM autofeeder+ / 3583310 Top Fin ® Pro automatic fish feeder / 153583310
<b>Test Sample Serial Number:</b>	210401-001
<b>Hardware Version Number:</b>	7376950
<b>Firmware Version Number:</b>	website 05.1, server 06.3
<b>FCC ID</b>	2AY5F-7376950

#### 3.2 Description of Equipment Under Test (EUT)

The EUT was an aquarium feeder with WiFi functionality supplied by a FCC certified module (FCC ID: 2AHMR-EPS12F). This can measure the food weight and feed at certain time steps over the day. The user can set up a WiFi connection, configure and monitor the automatic feeder via an app (e.g. website, ...).

#### 3.3 Modifications Incorporated in the EUT

No modifications were applied to the EUT during testing.

#### 3.4 Operating Modes

Mode Reference	Definition
Mode 1	Idle - The WLAN (Idle) not connected; rest of the EUT functions continuously operational as set by the customer.

#### 3.5 Additional Information Related to Testing

<b>Type of Device:</b>	Intentional Radiator	
<b>Power Supply Requirement(s):</b>	Nominal	120V/ 60Hz AC
<b>Highest Internal frequency generated/ used</b>	CPU: 160MHz, Flash Frequency: 80MHz, Crystal Frequency: 60MHz	

### 3.6 Support Equipment

The following support equipment was used to exercise the EUT during testing:

#### A. Support Equipment (In-house)

Item	Description	Brand Name	Model Name or Number	Serial Number
1	Plug Adaptor	SKROSS	IP20	BS8546:2016

#### B. Support Equipment (Manufacturer supplied)

Item	Description	Brand Name	Model Name or Number	Serial Number
1	Switching power supply	Shenzhen Sunshine Tch. Ltd	XSD-0501000SUSD	-/-

#### C. Interconnecting cables and Ports (Manufacturer/Applicant supplied)

Item	Description	Port type	Quantity	Length of attached cable(s)
1	DC power supply cable	3.5mm DC jack	1	2m



## 4 Operation and Monitoring of the EUT during Testing

### 4.1 Operating Modes

The EUT was tested in the following operating mode(s):
<input type="checkbox"/> Transmitting Mode
<input checked="" type="checkbox"/> Idle Mode
<input type="checkbox"/> Receiving Mode
<input type="checkbox"/> Unintentional Radiator

### 4.2 Configuration and Peripherals

EUT has been tested in following configuration:

- The EUT was preconfigured by the customer into WLAN (Idle) Mode and all other functions were continuously operational.
- The EUT was powered from 120V/ 60Hz for Radiated emissions.
- The EUT was powered from 120V/ 60Hz and 240V/ 60Hz for AC Conducted Emissions.



## 5 Measurement Uncertainty

### 5.1 Overview

Measurement uncertainties are evaluated in accordance with current best practice. Our reported expanded uncertainties are based on standard uncertainties, which are multiplied by an appropriate coverage factor to provide a statistical confidence level of approximately 95%.

In accordance with DAkkS requirements all the measurement equipment is on a calibration schedule. All equipment was within the calibration period on the date of testing.

Measurement Type	Range	Confidence Level (%)	Calculated Uncertainty
AC Conducted Emissions	0.15 MHz to 30 MHz	95%	±2.49 dB
Radiated Spurious Emissions	30 MHz to 1 GHz	95%	±4.40 dB
Radiated Spurious Emissions	1 GHz to 18 GHz	95%	±4.76 dB
Radiated Spurious Emissions	18 GHz to 25 GHz	95%	±4.20 dB
Radiated Spurious Emissions	25 GHz to 40 GHz	95%	±4.76 dB

## 6 Test Results

### 6.1 AC Conducted Emission

#### 6.1.1 Test Summary:

Test Engineer:	A. Shahzad	Test Date:	20.05.2021
Test Sample S/N:	210401-001		
Test Site Identification:	SR 7/8		

Clause:	Part 15.107
Test Method:	ANSI C63.4 Section 7
Title:	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 AC power-line conducted emission measurements
Reference:	KDB 174176 D01 Line Conducted FAQ v01r01 June 3, 2015
Title:	AC Power-Line Conducted Emissions Frequently Asked Questions
Class:	Class B Limit

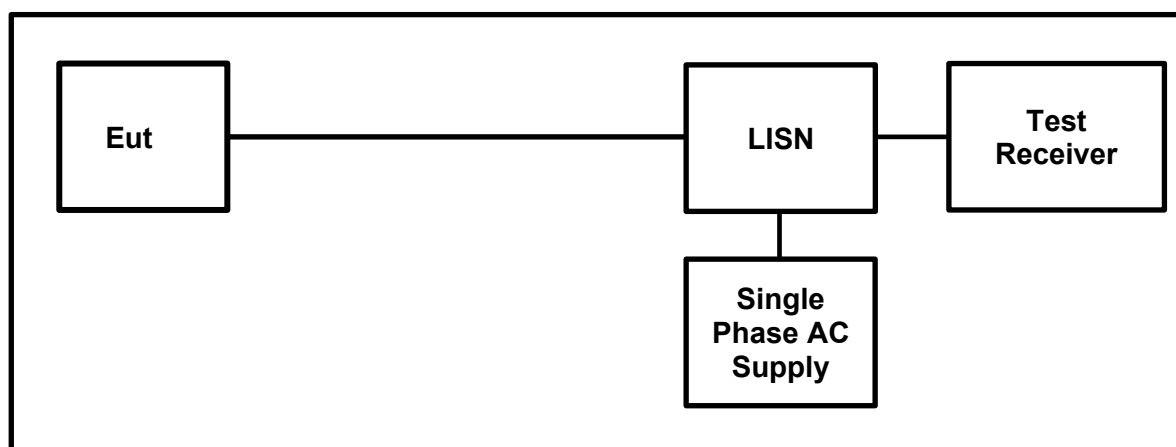
#### Environmental Conditions:

Temperature (°C):	20
Relative Humidity (%):	41

#### Note(s)

1. Measurement software used: Toyo EMI Software; CE measurement software EP5/CE Ver 4.0.1.
2. The final measured value, for the given emission, in the table below incorporates the cable loss. Calculation: Level = test receiver reading + path loss (cable attenuation + correction LISN).
3. All other emissions shown on the pre-scan plot were investigated and found to be ambient or >20 dB below the applicable limit or below the measurement system noise floor.
4. Measurements were performed in a shielded room (SR7/ 8 Asset Number 1603671). The EUT was placed at a height of 80 cm above the reference ground plane and in a distance of 40 cm from the vertical ground plane at the edge of the table.
5. Supporting equipment necessary to feed/ drive the Eut in the specified operation mode were connected to a separate LISN during testing.

#### 6.1.2 Test Setup:



**6.1.3 Numerical Results:****Quasi Peak (Operating Mode1\_120v/60Hz)**

Frequency [MHz]	Line Phase	Reading QP [dB(μV)]	Factor [dB]	Level QP [dB(μV)]	Limit QP [dB(μV)]	Margin QP [dB]	Result
0.1906	N	29.5	9.9	39.4	64.0	24.6	complied
0.4341	N	27.3	9.9	37.2	57.2	20.0	complied
0.5152	N	11.1	9.9	21.0	56.0	35.0	complied
0.6235	N	11.3	10.0	21.3	56.0	34.7	complied
1.0080	N	9.1	10.0	19.1	56.0	36.9	complied
1.2615	N	11.9	9.9	21.8	56.0	34.2	complied
0.1791	L1	29.0	9.9	38.9	64.5	25.6	complied
0.4311	L1	27.0	9.9	36.9	57.2	20.3	complied
0.4942	L1	13.8	9.9	23.7	56.1	32.4	complied
0.6585	L1	9.9	10.0	19.9	56.0	36.1	complied
0.9022	L1	11.0	10.0	21.0	56.0	35.0	complied
1.6429	L1	10.6	9.9	20.5	56.0	35.5	complied

**Average (Operating Mode1\_120v/60Hz)**

Frequency [MHz]	Line Phase	Reading AV [dB(μV)]	Factor [dB]	Level AV [dB(μV)]	Limit AV [dB(μV)]	Margin AV [dB]	Result
0.1906	N	11.6	9.8	21.5	54.0	32.5	complied
0.4341	N	11.3	9.9	21.2	47.2	26.0	complied
0.5152	N	1.3	10.0	11.2	46.0	34.8	complied
0.6235	N	-0.5	9.9	9.5	46.0	36.5	complied
1.0080	N	-2.0	9.9	8.0	46.0	38.0	complied
1.2615	N	0.0	9.9	9.9	46.0	36.1	complied
0.1791	L1	10.4	9.9	20.3	54.5	34.2	complied
0.4311	L1	14.7	9.8	24.6	47.2	22.6	complied
0.4942	L1	2.7	9.9	12.6	46.1	33.5	complied
0.6585	L1	-0.5	9.9	9.5	46.0	36.5	complied
0.9022	L1	0.5	9.9	10.5	46.0	35.5	complied
1.6429	L1	0.0	9.9	9.9	46.0	36.1	complied

**Result: Pass**

**Quasi Peak (Operating Mode 1\_240v/60Hz)**

Frequency [MHz]	Line Phase	Reading QP [dB(μV)]	Factor [dB]	Level QP [dB(μV)]	Limit QP [dB(μV)]	Margin QP [dB]	Result
0.3153	N	16.7	9.8	26.5	59.8	33.3	complied
0.4481	N	26.6	9.9	36.5	56.9	20.4	complied
1.0235	N	15.5	10.0	25.5	56.0	30.5	complied
1.7707	N	14.6	9.9	24.5	56.0	31.5	complied
2.1523	N	10.3	9.9	20.2	56.0	35.8	complied
2.9138	N	10.6	9.9	20.5	56.0	35.5	complied
0.1655	L1	25.4	9.9	35.3	65.2	29.9	complied
0.3078	L1	17.5	9.8	27.3	60.0	32.7	complied
0.4511	L1	26.0	9.9	35.9	56.9	21.0	complied
1.1249	L1	15.5	9.9	25.4	56.0	30.6	complied
1.6385	L1	12.9	9.9	22.8	56.0	33.2	complied
2.4649	L1	13.9	9.9	23.8	56.0	32.2	complied

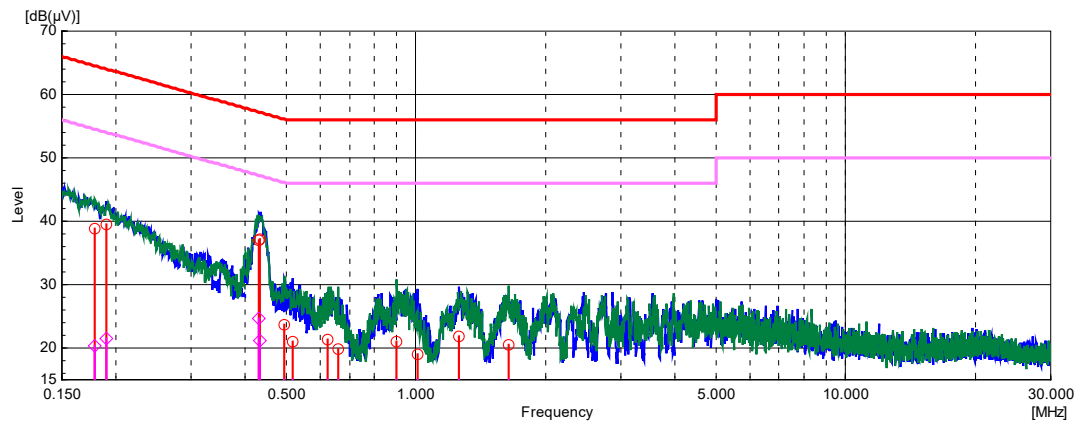
**Average (Operating Mode1\_240v/60Hz)**

Frequency [MHz]	Line Phase	Reading AV [dB(μV)]	Factor [dB]	Level AV [dB(μV)]	Limit AV [dB(μV)]	Margin AV [dB]	Result
0.3153	N	2.7	9.8	12.5	49.8	37.3	complied
0.4481	N	9.6	9.9	19.5	46.9	27.4	complied
1.0235	N	1.3	10.0	11.3	46.0	34.7	complied
1.7707	N	0.5	9.9	10.4	46.0	35.6	complied
2.1523	N	-2.6	9.9	7.3	46.0	38.7	complied
2.9138	N	-2.6	9.9	7.3	46.0	38.7	complied
0.1655	L1	8.2	9.9	18.1	55.2	37.1	complied
0.3078	L1	4.5	9.8	14.3	50.0	35.7	complied
0.4511	L1	12.5	9.9	22.4	46.9	24.5	complied
1.1249	L1	3.7	9.9	13.6	46.0	32.4	complied
1.6385	L1	0.5	9.9	10.4	46.0	35.6	complied
2.4649	L1	2.0	9.9	11.9	46.0	34.1	complied

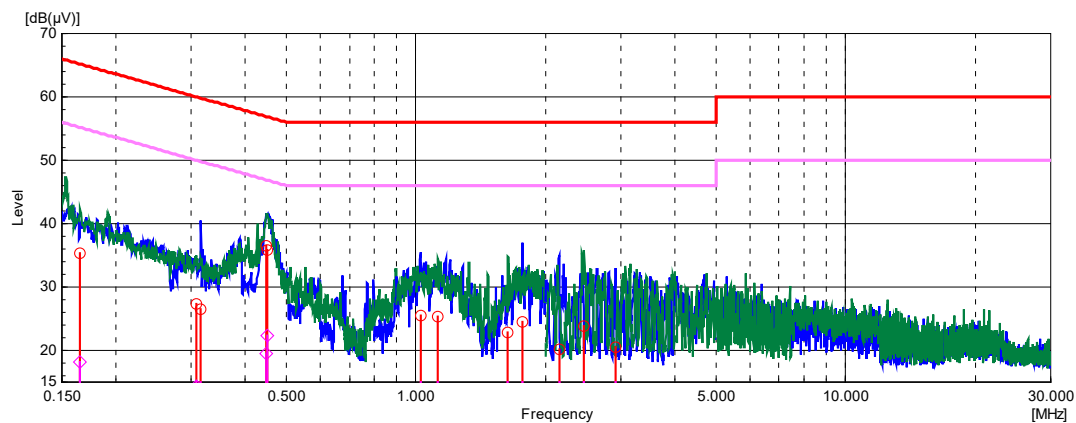
**Result: Pass**

#### 6.1.4 Graphical Plots:

##### Conducted Emissions for Line L & N (120V/60Hz)



##### Conducted Emissions for Line L & N (240V/60Hz)



Note: The plots show the max hold (peak detector) pre-scan results measured. Blue graph represents the result of the N-Line; green graph - the results for L1-Line. The bar graphs indicate the final measurement result applying the dedicated detector at selected frequencies for each limit line (red cycle for quasi peak limit; violet cycle for average limit).

Legend (Conducted Emissions)	
Items	Description
	Blue graph is the result of peak measurement phase L
	Green graph is the result of peak measurement phase N
	Limit line <b>Quasi-Peak</b>
	Limit line <b>Average</b>
	Suspected item
	Suspected item
	Final item <b>Quasi-Peak</b>
	Final item <b>Average</b>

## 6.2 Radiated Emissions below 1GHz

### 6.2.1 Test Summary:

Test Engineer:	A. Shahzad	Test Date:	22.05.2021
Test Sample S/N:	210401-001		
Test Site Identification:	SR 1/2		

FCC Reference:	Part 15.109
Test Method Used:	ANSI C63.4 Section 8
Title:	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 Radiated emission measurements
Frequency Range:	30 MHz to 1000 MHz
Class:	Class B Limit

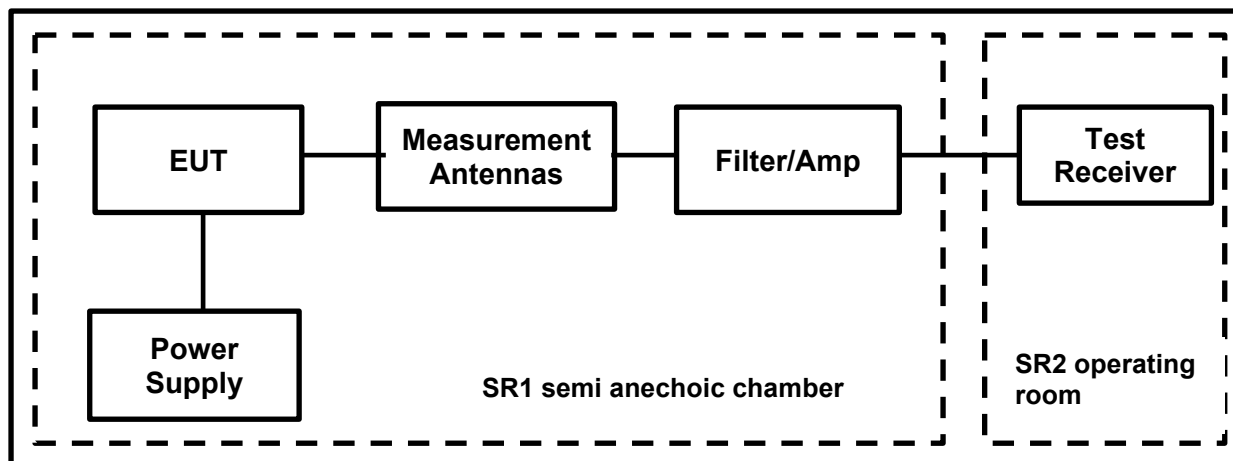
### Environmental Conditions:

Temperature (°C):	22
Relative Humidity (%):	44

### Note(s):

- Measurement SW used: Toyo EMI Software; RE measurement software EP5/RE Ver 4.0.1
- The final measured value, for the given emission, in the table below incorporates the calibrated antenna factor and cable loss.  
Calculation: Level = test receiver reading + path loss (cable attenuation + antenna factor).
- All other emissions shown on the pre-scan plot were investigated and found to be ambient or >20 dB below the applicable limit or below the measurement system noise floor.
- Measurements below 1 GHz were performed in a semi-anechoic chamber (SR1/ 2 Asset Number 1603665) at a distance of 3 m. The EUT was placed at a height of 80 cm above the reference ground plane in the centre of the chamber turntable. Maximum emission levels were determined by height searching the measurement antenna over the range 1 to 4 m.

### 6.2.2 Test Setup:



**6.2.3 Numerical Results:****Operating Mode 1**

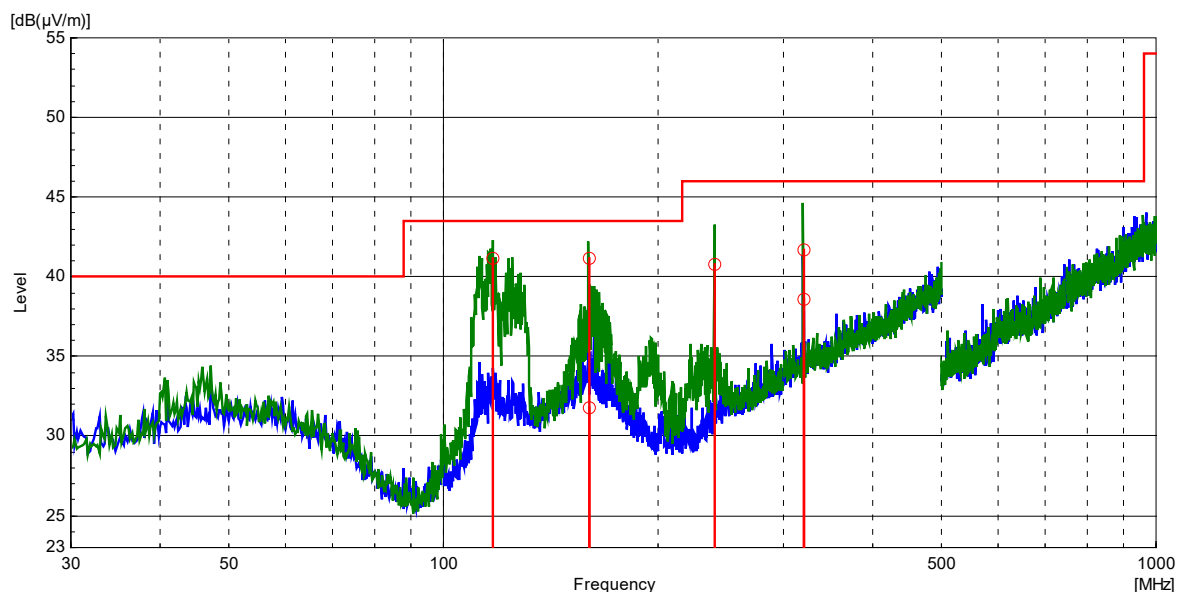
Frequency [MHz]	(P)	Reading QP dB(μV)	Factor dB(1/m)	Level QP dB(μV/m)	Limit QP dB(μV/m)	Margin QP dB	Height [cm]	Angle [°]
320.0000	V	15.4	23.2	38.6	46.0	7.4	100.0	116.0
319.9808	H	18.5	23.2	41.7	46.0	4.3	116.0	124.0
239.9855	V	20.8	20.0	40.8	46.0	5.2	100.0	144.0
160.0144	V	19.6	21.5	41.1	43.5	2.4	100.0	127.0
159.9808	H	10.3	21.5	31.8	43.5	11.7	144.0	124.0
117.2481	V	22.2	18.9	41.1	43.5	2.4	100.0	50.0

**Result: Pass**



## 6.2.4 Graphical Plots:

### Radiated Emissions for Vertical & Horizontal Polarization



*Note: The plots show the max hold (peak detector) pre-scan results measured while rotating the TT continuously and an antenna movement between 1 – 4m height. Blue graph represents the result of the horizontal antenna polarization; green graph the results measured with vertical antenna polarization. The bar graphs indicate the final measurement result applying the detector at selected frequencies (red circle for quasi peak limit).*

Legend (Radiated Emissions below 1 GHz)	
Items	Description
	Blue graph is the result of peak measurement for horizontal antenna polarization
	Green graph is the result of peak measurement for vertical antenna polarization
	Limit line <b>Quasi-Peak</b>
	Suspected item for horizontal antenna polarization – not shown on actual graphs
	Suspected item for vertical antenna polarization – not shown on actual graphs
	Final item <b>Quasi-Peak</b> for horizontal and vertical antenna polarization

### 6.3 Radiated Emissions above 1GHz/ Radiated Emissions from 1GHz to 18GHz

#### 6.3.1 Test Summary:

Test Engineer:	A. Shahzad	Test Date:	22.05.2021
Test Sample S/N:	210401-001		
Test Site Identification:	SR 1/2		

FCC Reference:	Part 15.109
Test Method Used:	ANSI C63.4 Section 8
Title:	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 Radiated emission measurements
Frequency Range:	1000 MHz to 18000 MHz
Class:	Class B Limit

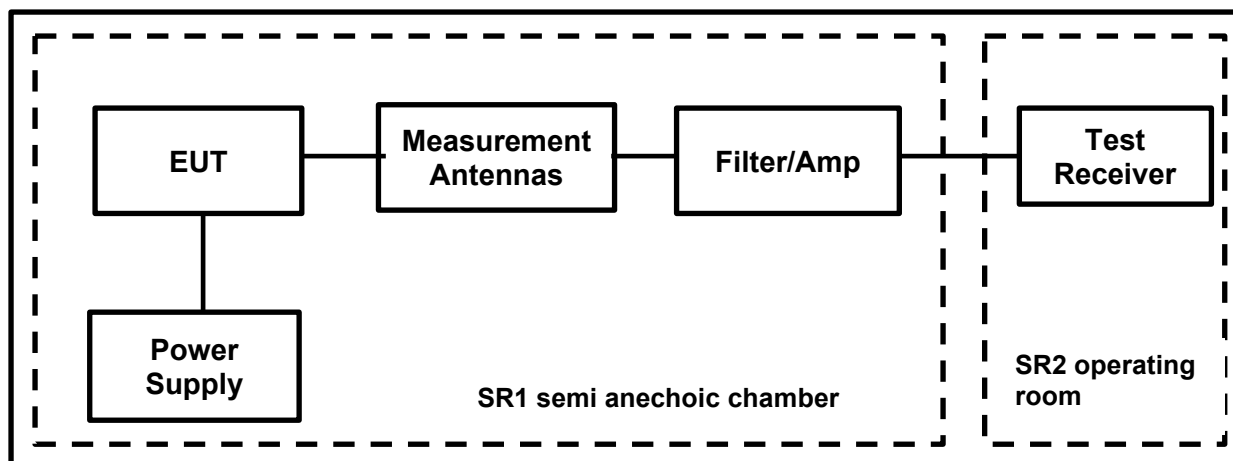
#### Environmental Conditions:

Temperature (°C):	22
Relative Humidity (%):	44

#### Note(s):

10. Measurement SW used: Toyo EMI Software; RE measurement software EP5/RE Ver 4.0.1.
11. The final measured value, for the given emission, in the table below incorporates the calibrated antenna factor and cable loss.  
Calculation: Level = test receiver reading + path loss (cable attenuation + antenna factor).
12. All other emissions shown on the pre-scan plot were investigated and found to be ambient or >20 dB below the applicable limit or below the measurement system noise floor.
13. Measurements Above 1 GHz were performed in a semi-anechoic chamber (SR1/ 2 Asset Number 1603665) with absorbers on the ground floor at a distance of 3 m. The EUT was placed at a height of 80 cm above the reference ground plane in the centre of the chamber turntable. Maximum emission levels were determined by height searching the measurement antenna over the range 1 to 4 m.

#### 6.3.2 Test Setup:



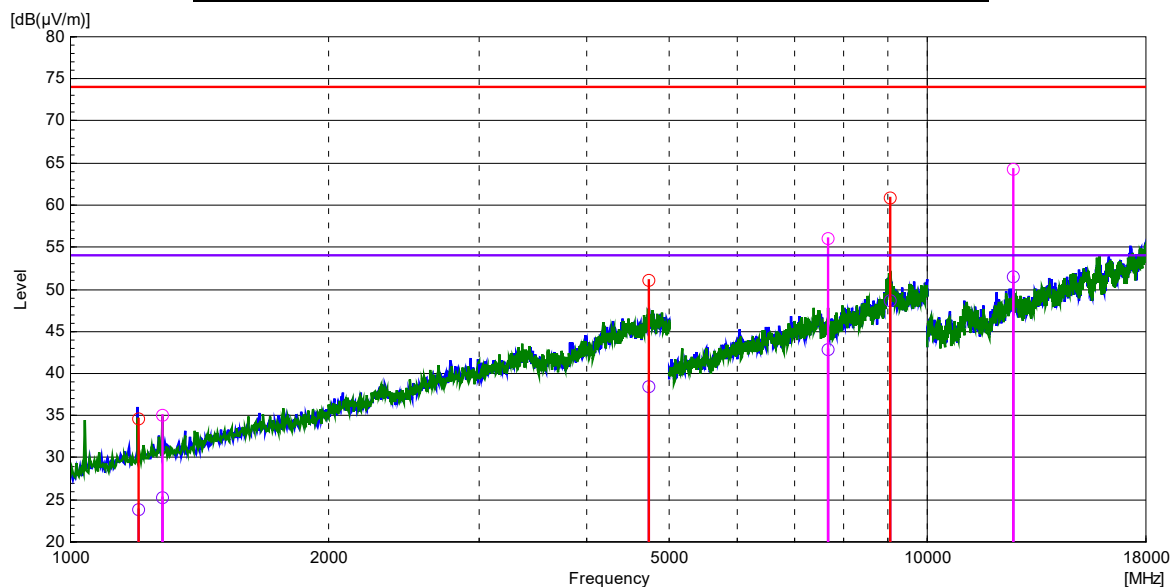
**6.3.3 Numerical Results:****Operating Mode 1**

Frequency [MHz]	(P)	Level AV [dB(μV/m)]	Level PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin AV [dB]	Margin PK [dB]	Height [cm]	Angle [°]
1199.9830	H	23.8	34.7	54.0	74.0	30.2	39.3	104.0	200.0
1280.0250	V	25.2	35.0	54.0	74.0	28.8	39.0	102.0	216.0
4732.9030	H	38.5	51.0	54.0	74.0	15.5	23.0	101.0	198.0
7664.9860	V	42.9	56.0	54.0	74.0	11.1	18.0	103.0	211.0
9042.7400	H	48.6	60.9	54.0	74.0	5.4	13.1	104.0	211.0
12585.2600	V	51.5	64.3	54.0	74.0	2.5	9.7	102.0	208.0

**Result: Pass**

### 6.3.4 Graphical Plots:

#### Radiated Emissions for Vertical & Horizontal Polarization



Note: The plots show the max hold (peak detector) pre-scan results measured while rotating the TT continuously and an antenna movement between 1 – 4m height. Blue graph represents the result of the horizontal antenna polarization; green graph the results measured with vertical antenna polarization. The bar graphs indicate the final measurement result applying the dedicated detector at selected frequencies for each limit line (red cycle for peak limit; violet cycle for average limit).

Legend (Radiated Emissions above 1 GHz)	
Items	Description
	Blue graph is the result of peak measurement for horizontal antenna polarization
	Green graph is the result of peak measurement for vertical antenna polarization
	Limit line <b>Average</b>
	Limit line <b>Peak</b>
	Suspected item for horizontal antenna polarization – not shown on actual graphs
	Suspected item for vertical antenna polarization – not shown on actual graphs
	Final item <b>Average</b> for horizontal and vertical antenna polarization
	Final item <b>Peak</b> for horizontal antenna polarization
	Final item <b>Peak</b> for vertical antenna polarization

## 7 Used equipment

### SR 1/ 2

ID	used	Manufacturer	Type	Model	Serial	Cal Date	Cal. Cycle
1	<input type="checkbox"/>	Rohde & Schwarz	Antenna, Loop	HFH2-Z2	831247/012	2020-07-10	36
363	<input type="checkbox"/>	Wainwright	Notch Filter GSM900	WW-NF9	100002	lab verification	n/a
377	<input type="checkbox"/>	BONN Elektronik	Amplifier, Low Noise Pre	BLMA 0118-1A	025294B	2020-07-08	12
460	<input checked="" type="checkbox"/>	Deisl	Turntable	DT 4250 S		n/a	n/a
465	<input checked="" type="checkbox"/>	Schwarzbeck	Antenna, Trilog Broadband	VULB 9168	9168-240	2020-09-02	24
-/-	<input type="checkbox"/>	Schwarzbeck	Antenna, Trilog Broadband	VULB 9163	9163-966	2019-12-14	24
495	<input type="checkbox"/>	Rohde & Schwarz	Antenna, Log.- Periodical	HL050	100296	2019-10-20	24
496	<input checked="" type="checkbox"/>	Rohde & Schwarz	Antenna, log. - periodical	HL050	100297	2020-08-05	24
587	<input checked="" type="checkbox"/>	Maturo	antenna mast, tilting	TAM 4.0-E	011/7180311	n/a	n/a
588	<input checked="" type="checkbox"/>	Maturo	Controller	NCD	029/7180311	n/a	n/a
591	<input type="checkbox"/>	Rohde & Schwarz	Receiver	ESU 40	100244/040	2020-07-07	12
608	<input checked="" type="checkbox"/>	Rohde & Schwarz	Switch Matrix	OSP 120	101227	lab verification	n/a
611	<input type="checkbox"/>	Wainwright Instruments	Band Reject Filter DL LTE	WRCGV8-	1	lab verification	n/a
612	<input type="checkbox"/>	Wainwright Instruments	Band Reject Filter UL LTE	WRCGV8-	1	lab verification	n/a
613	<input checked="" type="checkbox"/>	Wainwright Instruments	Band Reject Filter WLAN/ BT	WRCTF12-	1	lab verification	n/a
614	<input type="checkbox"/>	Wainwright Instruments	Highpass Filter 3GHz	WHKX10-	1	lab verification	n/a
615	<input checked="" type="checkbox"/>	Wainwright Instruments	Highpass Filter 1GHz	WHKX12-	3	lab verification	n/a
620	<input type="checkbox"/>	Bonn Elektronik	pre-amplifier	BLNA 0110-01N	1510111	2020-07-09	24
624	<input type="checkbox"/>	Wainwright	6 GHz high-pass filter	WHKX10-5850-6500-18000-40SS	5	lab verification	n/a
628	<input checked="" type="checkbox"/>	Maturo	Antenna mast	CAM 4.0-P	224/19590716	n/a	n/a
-/-	<input checked="" type="checkbox"/>	TFA Dostmann	Digittal Thermo-Hygrometer	No. 30.5002	06	lab verification	n/a

### SR 7/8

ID	used	Manufacturer	Type	Model	Serial	Cal Date	Cal. Cycle
22	<input type="checkbox"/>	Rohde & Schwarz	Artificial Mains	ESH3-Z5	831767/014	2020-07-07	12
23	<input checked="" type="checkbox"/>	Rohde & Schwarz	Artificial Mains	ESH3-Z5	831767/013	2020-07-07	12
215	<input type="checkbox"/>	Rohde & Schwarz	Artificial Mains Network	ESH2-Z5	879675/002	2019-07-05	24
349	<input checked="" type="checkbox"/>	Rohde & Schwarz	Receiver, EMI Test	ESIB7	836697/009	2020-07-09	12
351	<input type="checkbox"/>	Rohde & Schwarz	network, Artificial Mains	ESH3-Z5	862770/018	2020-07-07	12
564	<input type="checkbox"/>	Teseq	Impedance stabilisation network (ISN)	ISN T800	26076	2020-07-07	24
565	<input type="checkbox"/>	Teseq	Impedance stabilisation network (ISN)	ISN ST08	26575	2020-07-07	12
616	<input type="checkbox"/>	Rohde & Schwarz	ISN	ENY81-CA6	101656	2020-07-07	12
-/-	<input checked="" type="checkbox"/>	TFA Dostmann	Digittal Thermo-Hygrometer	No. 30.5002	05	lab verification	n/a

## 8 Report Revision History

Version Number	Revision Details		
	Page No(s)	Clause	Details
1.0	25	-	AS: Initial Version
1.1	22	2.1 3.2 6.1.5, 6.2.5,6.3.5	AS: corrected information regarding Test Dates corrected information regarding EUT Info removed pictures and added separately into Setup photo's report.

--End of Report--