



TEST Report

Applicant: Galton Voysey Limited

Address of Applicant: Unit A, 17/F, Grandion Plaza, 932 Cheung Sha Wan Road, Lai Chi Kok, Hong Kong

Manufacturer : Dongguan Aiue Electronics Technology co., LTD

Address of Manufacturer : Room 103, NO.42, Yanhedong Street, Ailingkan, Dalingshan Town, Dongguan, Guangdong, China

Equipment Under Test (EUT)

Product Name: Schultz S-900X 2.1ch Bluetooth Home Theatre Soundbar System and Wireless Subwoofer

Model No.: S-900X

Series model: ASW120-2.1U, ASW150-2.1U, ASW100-2.1U, ASW280-2.1U, ASW260-2.1, ASW270-2.1

Trade Mark: SCHULTZ

FCC ID: 2A94YAY120B

Applicable standards: FCC Part 15.249

Date of sample receipt: Dec. 26, 2022

Date of Test: Dec. 26, 2022- Feb. 08, 2023

Date of report issued: Feb. 08, 2023

Test Result : PASS *

* In the configuration tested, the EUT complied with the standards specified above.



Report No.: HTT202301038F02

1. Version

Version No.	Date	Description
00	Feb. 08,2023	Original

Tested/ Prepared By Ervin Xu Date: Feb. 08,2023
Project Engineer

Check By: Bruce Zhu Date: Feb. 08,2023
Reviewer

Approved By : Kevin Yang Date: Feb. 08,2023
Authorized Signature



2. Contents

Page

1. VERSION	2
2. CONTENTS	3
3. TEST SUMMARY	4
4. GENERAL INFORMATION	5
4.1. GENERAL DESCRIPTION OF EUT	5
4.2. TEST MODE	7
4.3. DESCRIPTION OF SUPPORT UNITS	7
4.4. DEVIATION FROM STANDARDS	7
4.5. ABNORMALITIES FROM STANDARD CONDITIONS	7
4.6. TEST FACILITY	7
4.7. TEST LOCATION	7
4.8. ADDITIONAL INSTRUCTIONS	7
5. TEST INSTRUMENTS LIST	8
6. TEST RESULTS AND MEASUREMENT DATA	9
6.1. CONDUCTED EMISSIONS	9
6.2. 20dB EMISSION BANDWIDTH	12
6.3. SPURIOUS EMISSION	14
6.3.1. <i>Radiated Emission Method</i>	14
7. TEST SETUP PHOTO	28
8. EUT CONSTRUCTIONAL DETAILS	28



3. Test Summary

Test Item	Section in CFR 47	Result
Conducted Emission Test	FCC Part 15, Paragraph 15.207	Pass
Field Strength of Fundamental	FCC Part 15 Subpart C Paragraph 15.249(a) & 15.249(b) Limit	Pass
Radiated Emission Test	FCC Part 15, Paragraph 15.209	Pass
Band Edge Test	FCC Part 15 Subpart C Paragraph 15.249(d) Limit	Pass

Remarks:

1. *Pass: The EUT complies with the essential requirements in the standard.*
2. *Test according to ANSI C63.10:2013*

Measurement Uncertainty

Test Item	Frequency Range	Measurement Uncertainty	Notes
Radiated Emission	9k~30MHz	3.17 dB	(1)
Radiated Emission	30~1000MHz	3.45 dB	(1)
Radiated Emission	1~6GHz	3.54 dB	(1)
Radiated Emission	>6GHz	4.89dB	(1)
Conducted Disturbance	0.15~30MHz	2.66 dB	(1)
Bandwidth	/	0.16 dB	(1)

Note (1): The measurement uncertainty is for coverage factor of k=2 and a level of confidence of 95%.



4. General Information

4.1. General Description of EUT

Product Name:	Schultz S-900X 2.1ch Bluetooth Home Theatre Soundbar System and Wireless Subwoofer
Model No.:	S-900X
Series model:	ASW120-2.1U, ASW150-2.1U, ASW100-2.1U, ASW280-2.1U, ASW260-2.1, ASW270-2.1
Model Difference	All the model are the same circuit and RF module, Only the model name and color are different.
Operation Frequency:	902MHz~928MHz
Channel numbers:	11
Modulation type:	SSC
Antenna Type:	Spring Antenna
Antenna gain:	-1.0 dBi
Power Supply:	DC 15V From adapter
Adapter	Model:MYX-1502000U Input:100-240V~ 50/60Hz 1.5A Max Output: DC15V 2000mA

**Operation Frequency each of channel**

Channel	Frequency	Channel	Frequency	Channel	Frequency
1	904MHz	5	912MHz	9	920MHz
2	906MHz	6	914MHz	10	922MHz
3	908MHz	7	916MHz	11	924MHz
4	910MHz	8	918MHz	/	/

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Channel	Frequency
The lowest channel	904MHz
The middle channel	914MHz
The Highest channel	924MHz



4.2. Test mode

Transmitting mode	Keep the EUT in continuously transmitting mode.
<i>Remark: During the test, the test voltage was tuned from 85% to 115% of the nominal rated supply voltage, and found that the worst case was under the nominal rated supply condition. So the report just shows that condition's data.</i>	

4.3. Description of Support Units

None.

4.4. Deviation from Standards

None.

4.5. Abnormalities from Standard Conditions

None.

4.6. Test Facility

The test facility is recognized, certified, or accredited by the following organizations: FCC-Registration No.: 779513 Designation Number: CN1319 Shenzhen HTT Technology Co.,Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform electromagnetic emissions measurements. A2LA-Lab Cert. No.: 6435.01 Shenzhen HTT Technology Co.,Ltd. has been listed by American Association for Laboratory Accreditation to perform electromagnetic emission measurement. The 3m-Semi anechoic test site fulfils CISPR 16-1-4 according to ANSI C63.10 and CISPR 16-1-4:2010.
--

4.7. Test Location

All tests were performed at:
Shenzhen HTT Technology Co.,Ltd. 1F, Building B, Huafeng International Robotics Industrial Park, Hangcheng Road,Nanchang Community, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China Tel: 0755-23595200 Fax: 0755-23595201

4.8. Additional Instructions

Test Software	Special AT test command provided by manufacturer to Keep the EUT in continuously transmitting mode and hopping mode
Power level setup	Default

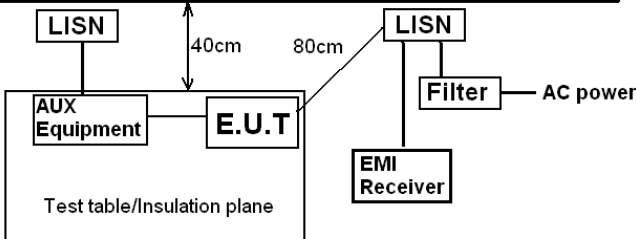


5. Test Instruments list

Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	3m Semi- Anechoic Chamber	Shenzhen C.R.T technology co., LTD	9*6*6	HTT-E028	Aug. 10 2020	Aug. 09 2024
2	Control Room	Shenzhen C.R.T technology co., LTD	4.8*3.5*3.0	HTT-E030	Aug. 10 2020	Aug. 09 2024
3	EMI Test Receiver	Rohde&Schwar	ESCI7	HTT-E022	May 21 2022	May 20 2023
4	Spectrum Analyzer	Rohde&Schwar	FSP	HTT-E037	May 21 2022	May 20 2023
5	Coaxial Cable	ZDecl	ZT26-NJ-NJ-0.6M	HTT-E018	May 21 2022	May 20 2023
6	Coaxial Cable	ZDecl	ZT26-NJ-SMAJ-2M	HTT-E019	May 21 2022	May 20 2023
7	Coaxial Cable	ZDecl	ZT26-NJ-SMAJ-0.6M	HTT-E020	May 21 2022	May 20 2023
8	Coaxial Cable	ZDecl	ZT26-NJ-SMAJ-8.5M	HTT-E021	May 21 2022	May 20 2023
9	Composite logarithmic antenna	Schwarzbeck	VULB 9168	HTT-E017	Aug. 22 2022	Aug. 21 2023
10	Horn Antenna	Schwarzbeck	BBHA9120D	HTT-E016	Aug. 22 2022	Aug. 21 2023
11	Loop Antenna	Zhinan	ZN30900C	HTT-E039	Aug. 22 2022	Aug. 21 2023
12	Horn Antenna	Beijing Hangwei Dayang	OBH100400	HTT-E040	Aug. 22 2022	Aug. 21 2023
13	low frequency Amplifier	Sonoma Instrument	310	HTT-E015	May 21 2022	May 20 2023
14	high-frequency Amplifier	HP	8449B	HTT-E014	May 21 2022	May 20 2023
15	Variable frequency power supply	Shenzhen Anbiao Instrument Co., Ltd	ANB-10VA	HTT-082	May 21 2022	May 20 2023
16	EMI Test Receiver	Rohde & Schwarz	ESCS30	HTT-E004	May 21 2022	May 20 2023
17	Artificial Mains	Rohde & Schwarz	ESH3-Z5	HTT-E006	May 21 2022	May 20 2023
18	Artificial Mains	Rohde & Schwarz	ENV-216	HTT-E038	May 21 2022	May 20 2023
19	Cable Line	Robinson	Z302S-NJ-BNCJ-1.5M	HTT-E001	May 21 2022	May 20 2023
20	Attenuator	Robinson	6810.17A	HTT-E007	May 21 2022	May 20 2023
21	Variable frequency power supply	Shenzhen Yanghong Electric Co., Ltd	YF-650 (5KVA)	HTT-E032	May 21 2022	May 20 2023
22	Control Room	Shenzhen C.R.T technology co., LTD	8*4*3.5	HTT-E029	May 21 2022	May 20 2023
23	DC power supply	Agilent	E3632A	HTT-E023	May 21 2022	May 20 2023
24	EMI Test Receiver	Agilent	N9020A	HTT-E024	May 21 2022	May 20 2023
25	Analog signal generator	Agilent	N5181A	HTT-E025	May 21 2022	May 20 2023
26	Vector signal generator	Agilent	N5182A	HTT-E026	May 21 2022	May 20 2023
27	Power sensor	Keysight	U2021XA	HTT-E027	May 21 2022	May 20 2023
28	Temperature and humidity meter	Shenzhen Anbiao Instrument Co., Ltd	TH10R	HTT-074	May 21 2022	May 20 2023

6. Test results and Measurement Data

6.1. Conducted Emissions

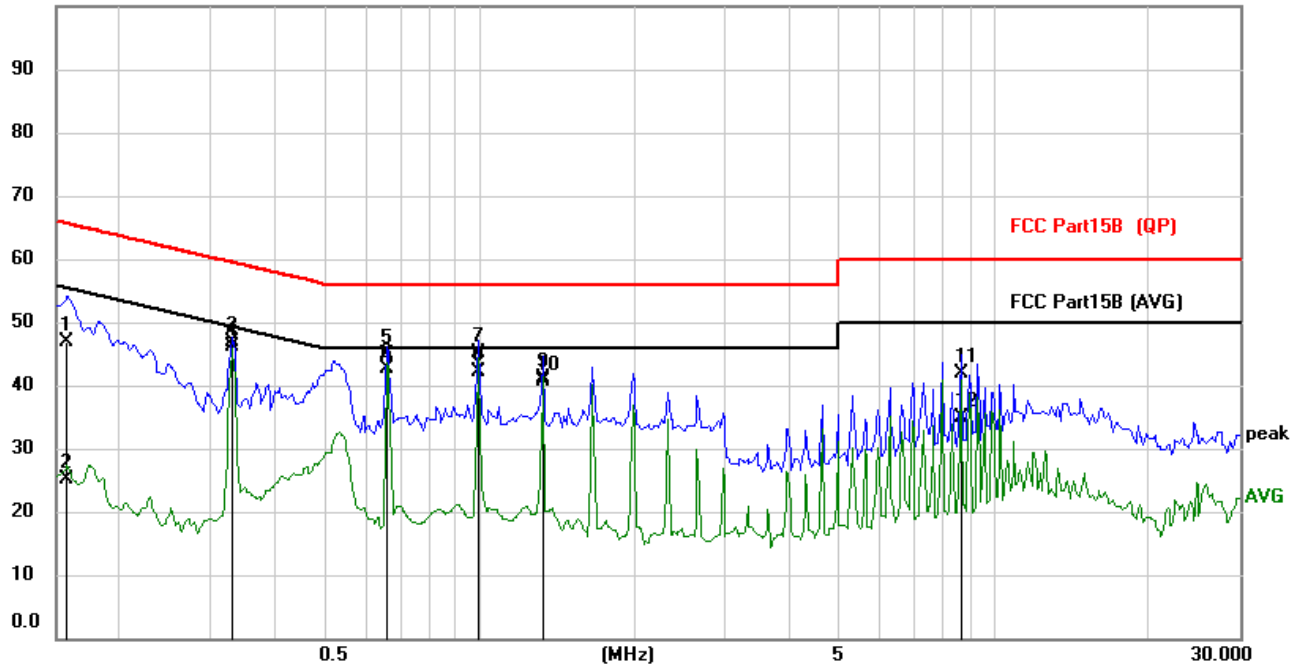
Test Requirement:	FCC Part15 C Section 15.207					
Test Method:	ANSI C63.10:2013					
Test Frequency Range:	150KHz to 30MHz					
Class / Severity:	Class B					
Receiver setup:	RBW=9KHz, VBW=30KHz, Sweep time=auto					
Limit:	Frequency range (MHz)		Limit (dBuV)			
			Quasi-peak		Average	
	0.15-0.5		66 to 56*		56 to 46*	
	0.5-5		56		46	
	5-30		60		50	
* Decreases with the logarithm of the frequency.						
Test setup:	Reference Plane  Remark: E.U.T: Equipment Under Test LISN: Line Impedance Stabilization Network Test table height=0.8m					
Test procedure:	1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10:2013 on conducted measurement.					
Test Instruments:	Refer to section 5.0 for details					
Test mode:	TX 904MHz , (CH1-worst case)					
Test environment:	Temp.:	25 °C	Humid.:	52%	Press.:	1012mbar
Test voltage:	AC 120V, 60Hz					
Test results:	Pass					

Remark: Both high and low voltages have been tested to show only the worst low voltage test data.

Measurement data:

Line:

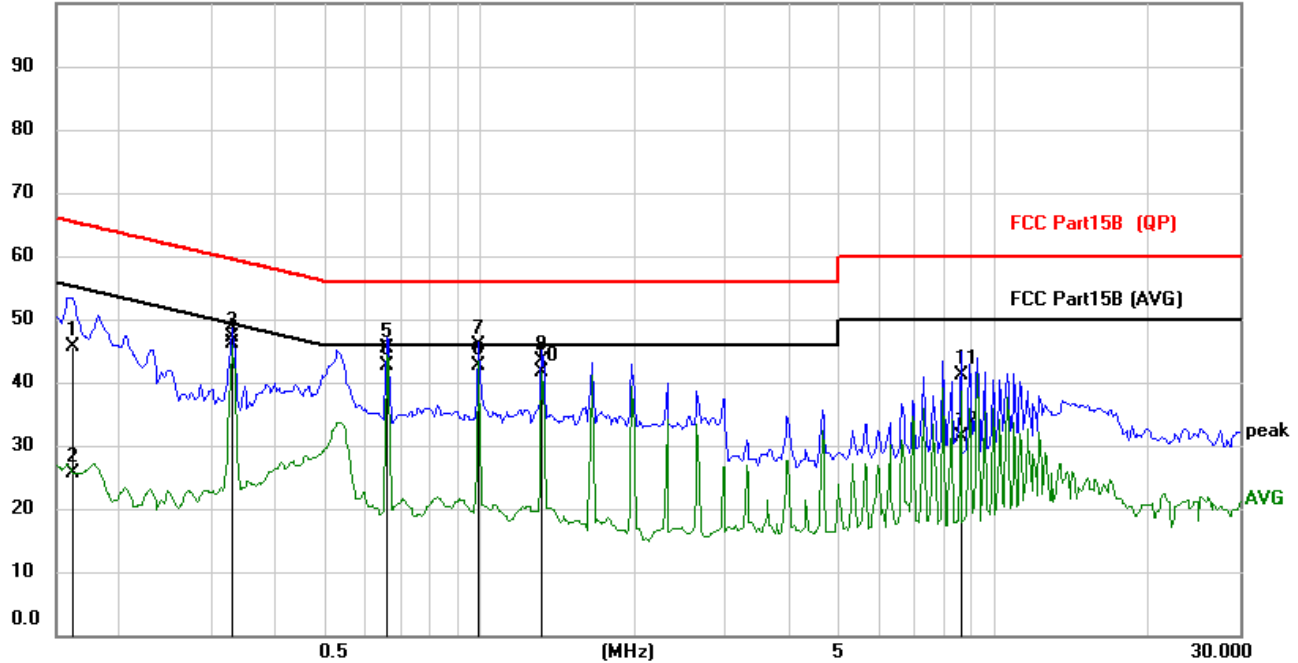
100.0 dBuV



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector
1		0.1578	36.53	10.38	46.91	65.58	-18.67	QP
2		0.1578	14.81	10.38	25.19	55.58	-30.39	AVG
3		0.3294	36.51	10.42	46.93	59.47	-12.54	QP
4		0.3294	35.62	10.42	46.04	49.47	-3.43	AVG
5		0.6609	34.10	10.69	44.79	56.00	-11.21	QP
6	*	0.6609	32.01	10.69	42.70	46.00	-3.30	AVG
7		0.9924	34.33	10.90	45.23	56.00	-10.77	QP
8		0.9924	31.27	10.90	42.17	46.00	-3.83	AVG
9		1.3239	30.27	10.88	41.15	56.00	-14.85	QP
10		1.3239	29.63	10.88	40.51	46.00	-5.49	AVG
11		8.6004	30.38	11.47	41.85	60.00	-18.15	QP
12		8.6004	23.35	11.47	34.82	50.00	-15.18	AVG

Neutral:

100.0 dBuV

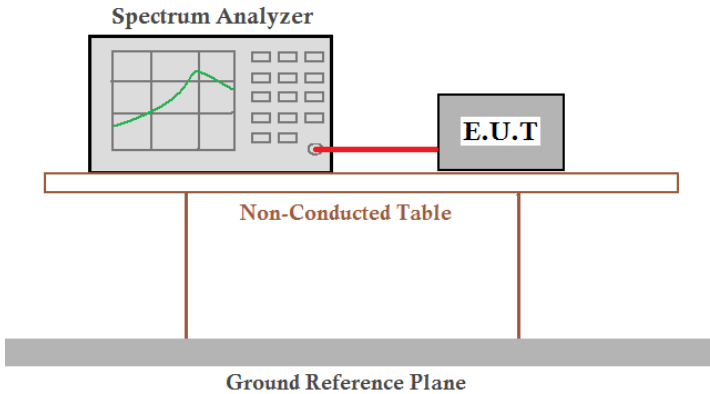


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	
		MHz	Level	Factor	ment			Detector
			dBuV	dB	dBuV	dBuV	dB	
1		0.1617	35.40	10.26	45.66	65.38	-19.72	QP
2		0.1617	15.32	10.26	25.58	55.38	-29.80	AVG
3		0.3294	36.83	10.26	47.09	59.47	-12.38	QP
4		0.3294	35.84	10.26	46.10	49.47	-3.37	AVG
5		0.6609	34.87	10.59	45.46	56.00	-10.54	QP
6		0.6609	31.96	10.59	42.55	46.00	-3.45	AVG
7		0.9924	35.08	10.80	45.88	56.00	-10.12	QP
8	*	0.9924	31.92	10.80	42.72	46.00	-3.28	AVG
9		1.3200	32.53	10.81	43.34	56.00	-12.66	QP
10		1.3200	30.93	10.81	41.74	46.00	-4.26	AVG
11		8.5926	29.88	11.24	41.12	60.00	-18.88	QP
12		8.5926	20.15	11.24	31.39	50.00	-18.61	AVG

Notes:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.
2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.

6.2. 20dB Emission Bandwidth

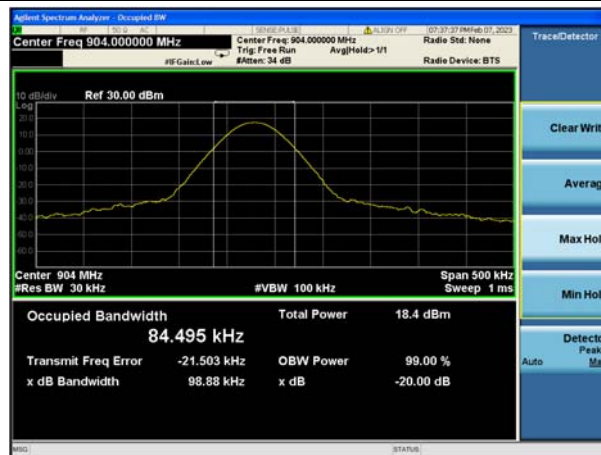
Test Requirement:	FCC Part15 C Section 15.249(d)					
Test Method:	ANSI C63.10:2013					
Limit:	N/A					
Test setup:						
Test Instruments:	Refer to section 5.0 for details					
Test results:	Pass					
Test environment:	Temp.:	25 °C	Humid.:	52%	Press.:	1012mbar

Measurement Data

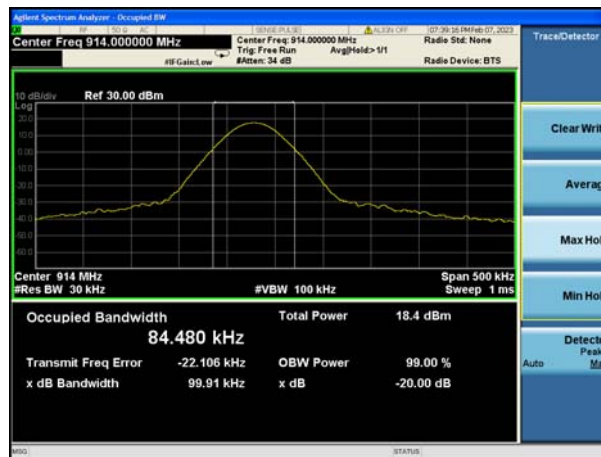
Test channel	20dB Emission Bandwidth (kHz)	Result
Lowest	98.88	Pass
Middle	99.91	
Highest	99.21	



Test plot as follows:



Lowest channel



Middle channel



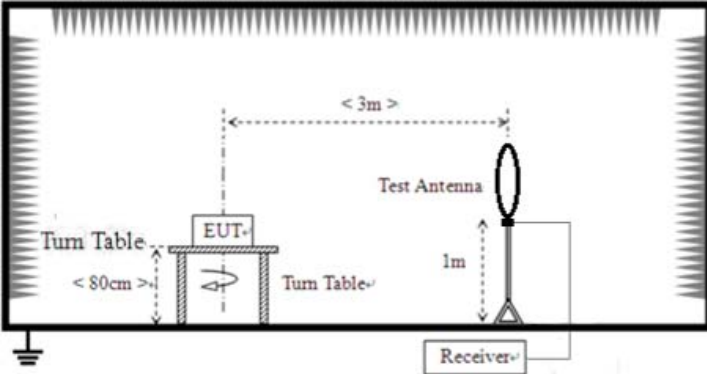
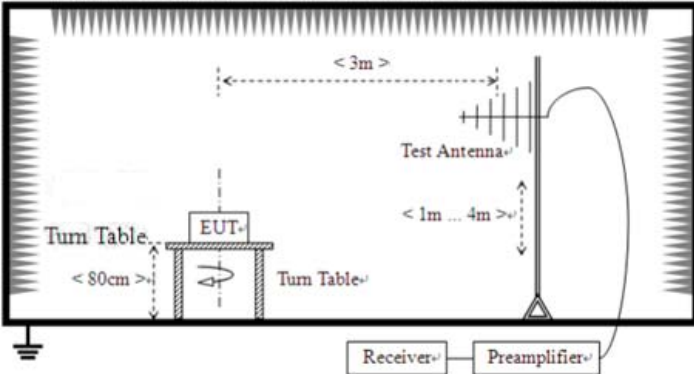
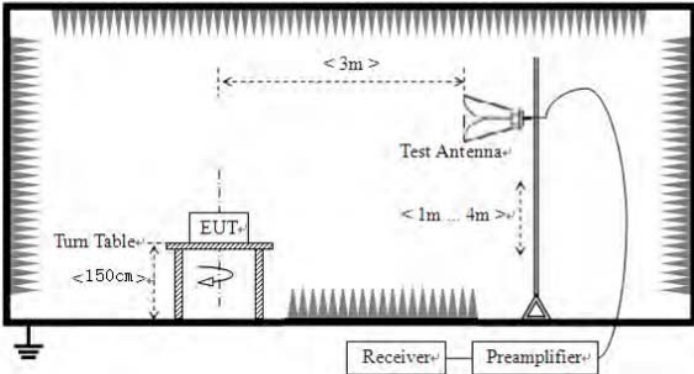
Highest channel



6.3. Spurious Emission

6.3.1. Radiated Emission Method

Test Requirement:	FCC Part15 C Section 15.209						
Test Method:	ANSI C63.10:2013						
Test Frequency Range:	9kHz to 25GHz						
Test site:	Measurement Distance: 3m						
Receiver setup:	Frequency	Detector		RBW	VBW	Value	
	9KHz-150KHz	Quasi-peak		200Hz	600Hz	Quasi-peak	
	150KHz-30MHz	Quasi-peak		9KHz	30KHz	Quasi-peak	
	30MHz-1GHz	Quasi-peak		120KHz	300KHz	Quasi-peak	
	Above 1GHz	Peak		1MHz	3MHz	Peak	
		Peak		1MHz	10Hz	Average	
Limit:	Frequency	Limit (uV/m)		Value	Measurement Distance		
	0.009MHz-0.490MHz	2400/F(KHz)		QP	300m		
	0.490MHz-1.705MHz	24000/F(KHz)		QP	30m		
	1.705MHz-30MHz	30		QP	30m		
	30MHz-88MHz	100		QP	3m		
	88MHz-216MHz	150		QP			
	216MHz-960MHz	200		QP			
	960MHz-1GHz	500		QP			
	Above 1GHz	500		Average			
		5000		Peak			
	Fundamental Frequency (MHz)	Field Strength of Fundamental (3m)			Field Strength of Harmonics (3m)		
		mV/m	dBuV/m		uV/m	dBuV/m	
	902-928	50	94 (QP)	/	500	54 (Average)	74 (Peak)

Test setup:	For radiated emissions from 9kHz to 30MHz  For radiated emissions from 30MHz to 1GHz  For radiated emissions above 1GHz 
Test Procedure:	1. The EUT was placed on the top of a rotating table (0.8m for below 1G and 1.5m for above 1G) above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation. 2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. 3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.



Report No.: HTT202301038F02

	4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading. 5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.					
Test Instruments:	Refer to section 5.0 for details					
Test environment:	Temp.:	25 °C	Humid.:	52%	Press.:	1012mbar
Test voltage:	AC 120V, 60Hz					
Test results:	Pass					

Measurement data:

Remarks:

1. Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis which it is worse case.

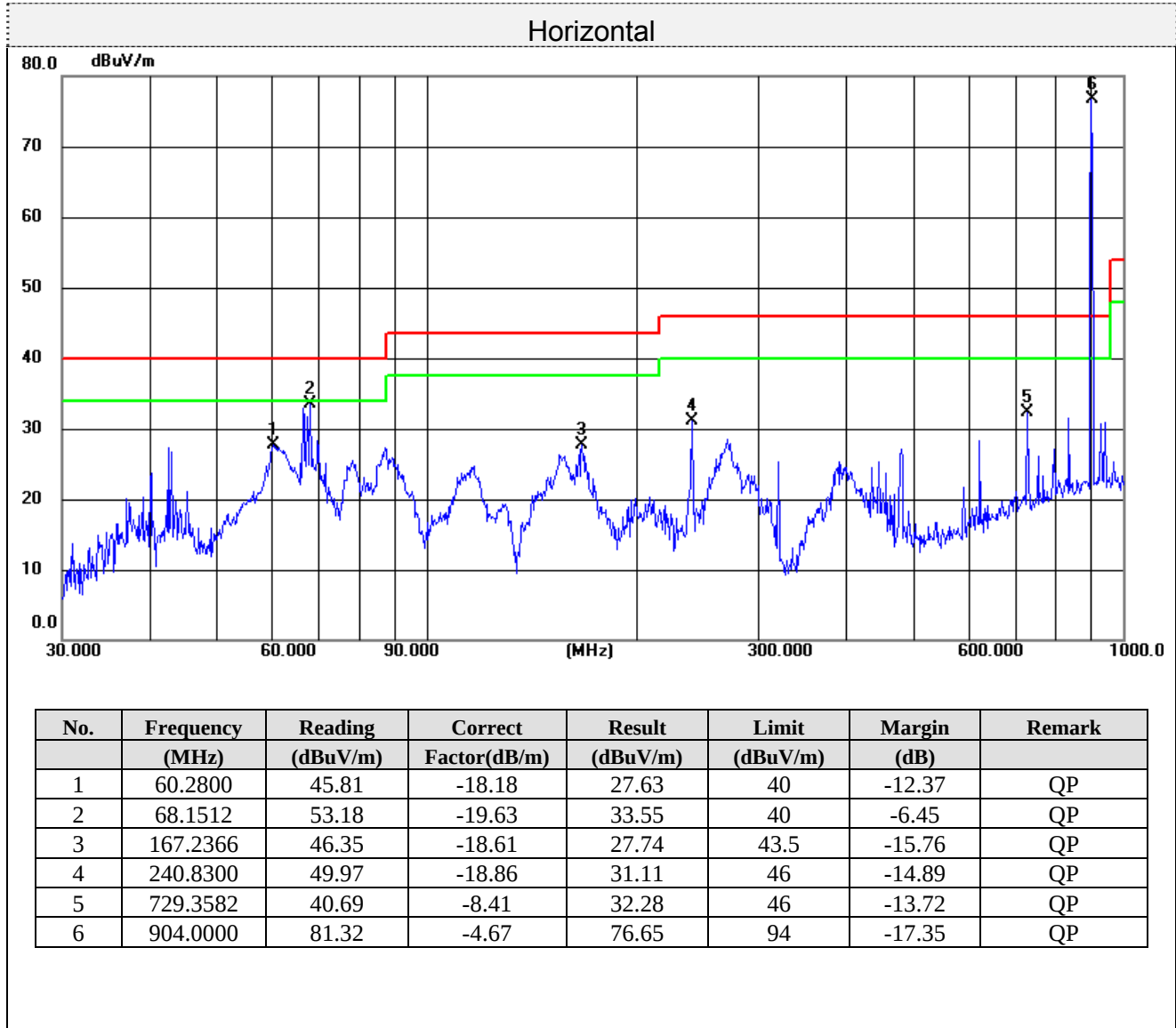
■ 9kHz~30MHz

The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.



For 30MHz-1GHz

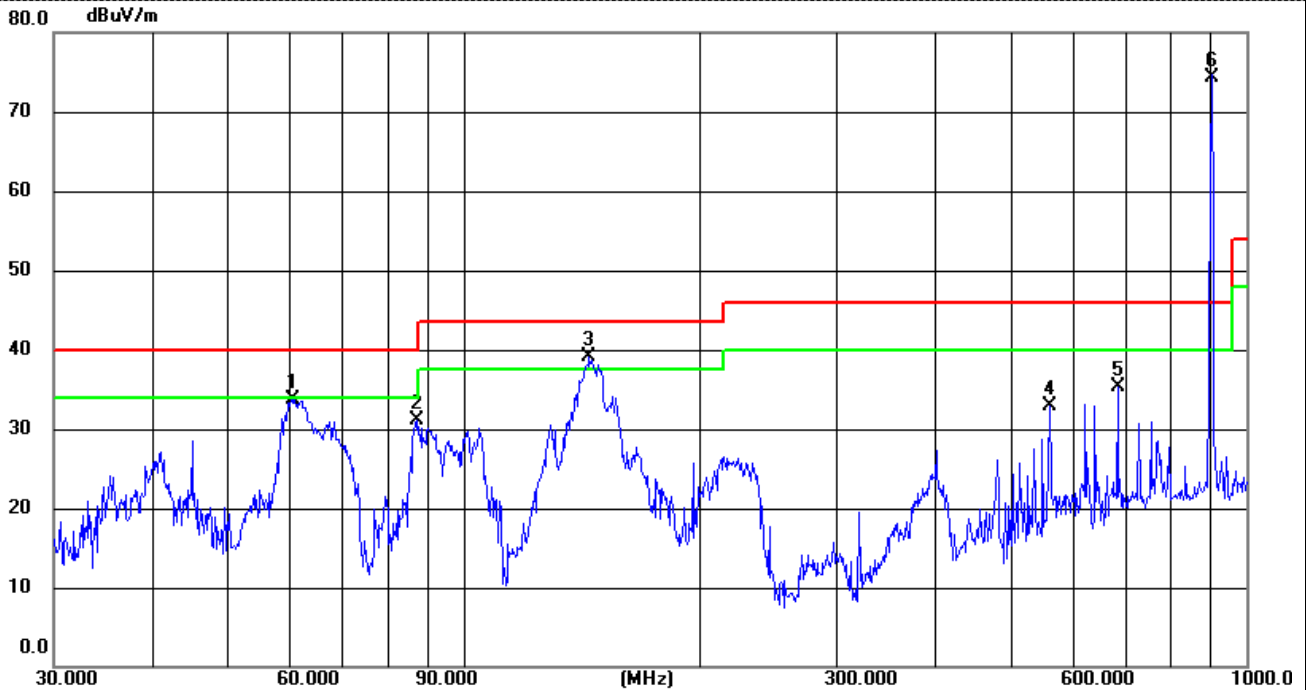
904MHz





Report No.: HTT202301038F02

Vertical



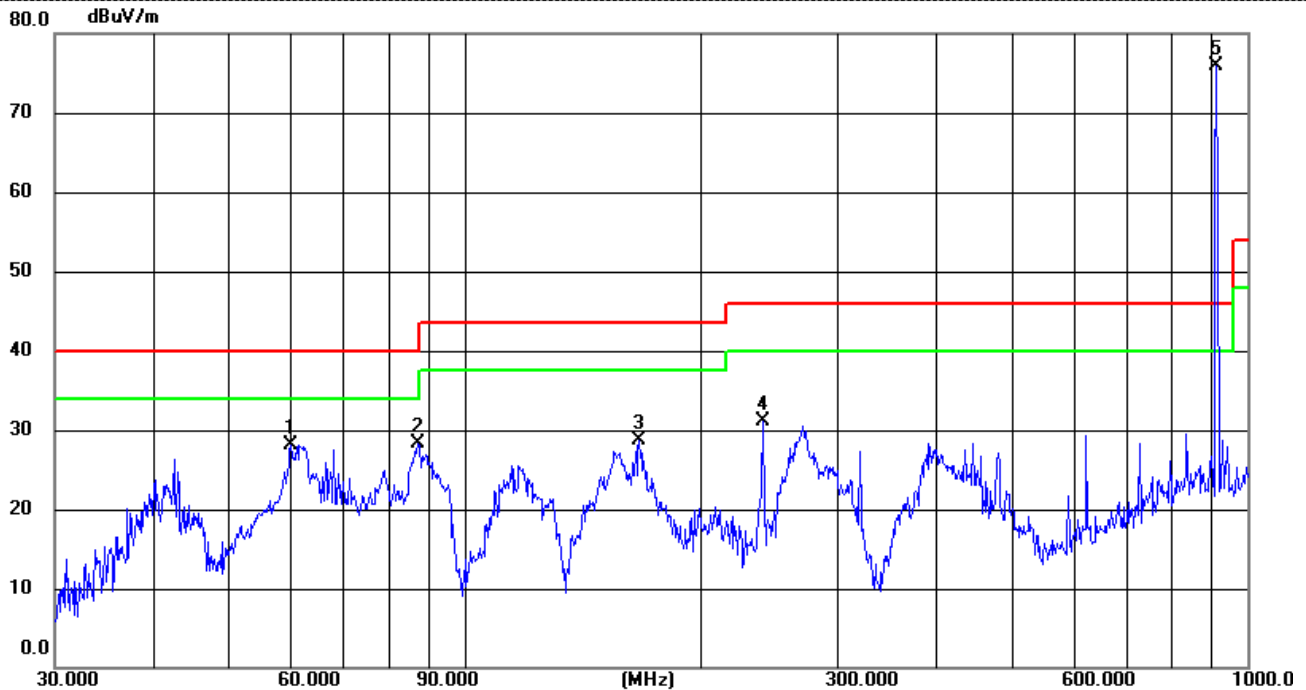
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	60.7043	52.03	-18.26	33.77	40	-6.23	QP
2	87.4175	52.98	-21.94	31.04	40	-8.96	QP
3	144.8418	56.91	-17.86	39.05	43.5	-4.45	QP
4	560.6928	43.12	-10.24	32.88	46	-13.12	QP
5	684.7454	44.31	-8.91	35.4	46	-10.6	QP
6	904.0000	78.9	-4.69	74.21	94	-19.79	QP



Report No.: HTT202301038F02

914MHz

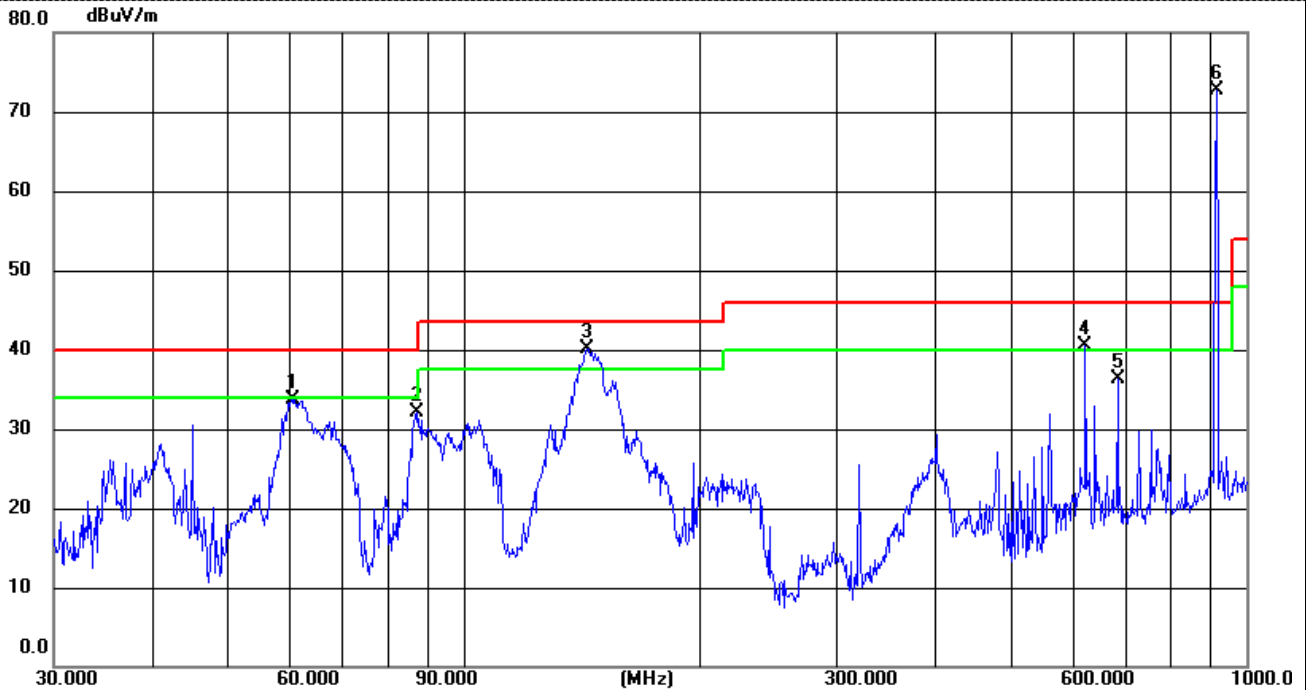
Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	60.0690	46.21	-18.14	28.07	40	-11.93	QP
2	87.1115	50.27	-21.94	28.33	40	-11.67	QP
3	167.2366	47.35	-18.61	28.74	43.5	-14.76	QP
4	240.8300	49.97	-18.86	31.11	46	-14.89	QP
5	914.0000	80.55	-4.79	75.76	94	-18.24	QP



Vertical



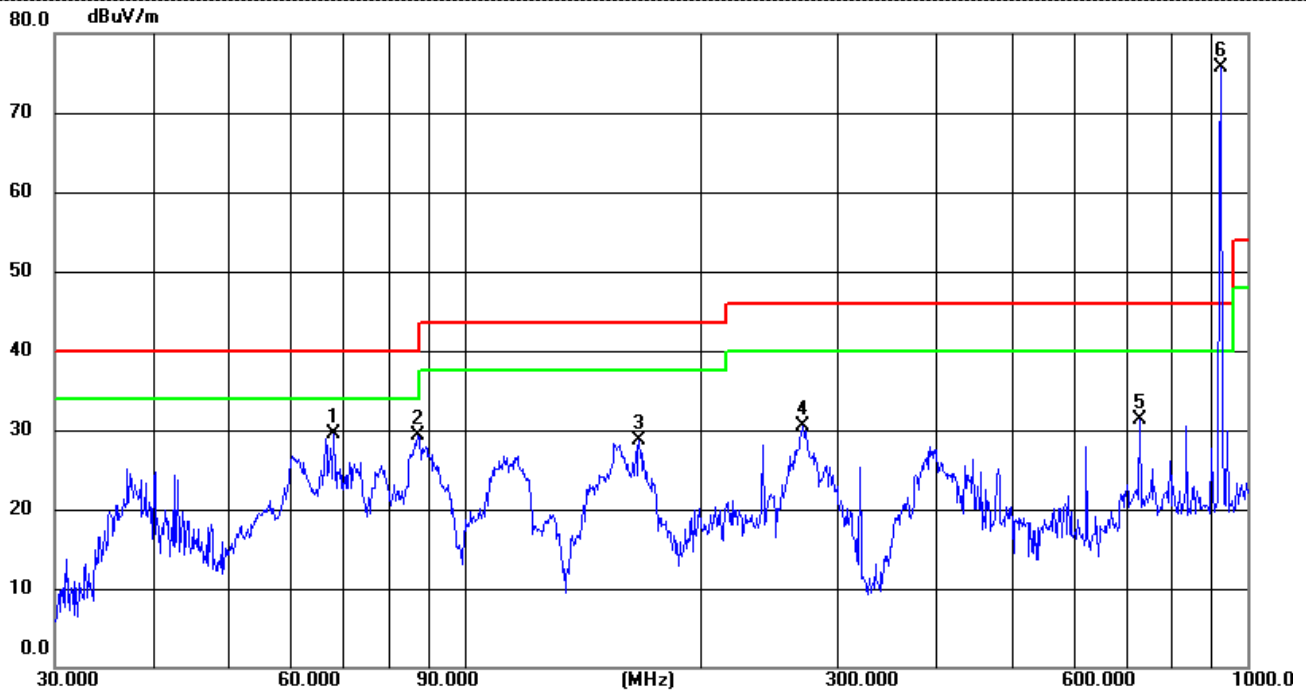
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	60.7043	52.03	-18.26	33.77	40	-6.23	QP
2	87.4175	53.98	-21.94	32.04	40	-7.96	QP
3	143.8291	57.99	-17.85	40.14	43.5	-3.36	QP
4	622.8900	50.5	-9.94	40.56	46	-5.44	QP
5	684.7454	45.31	-8.91	36.4	46	-9.6	QP
6	914.0000	77.4	-4.79	72.61	94	-21.39	QP



Report No.: HTT202301038F02

924MHz

Horizontal

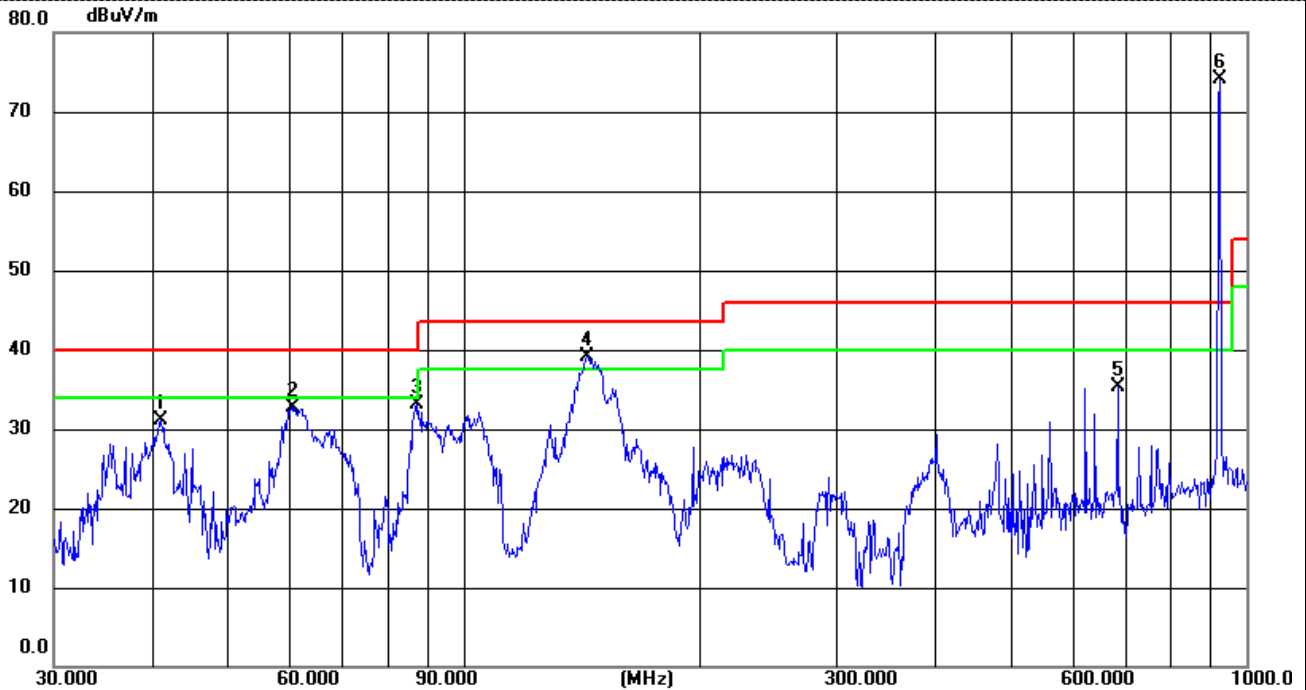


No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	68.1512	49.18	-19.63	29.55	40	-10.45	QP
2	87.1115	51.27	-21.94	29.33	40	-10.67	QP
3	167.2366	47.35	-18.61	28.74	43.5	-14.76	QP
4	270.3747	48.26	-17.83	30.43	46	-15.57	QP
5	729.3582	39.69	-8.41	31.28	46	-14.72	QP
6	924.0000	80.29	-4.66	75.63	94	-18.37	QP



Report No.: HTT202301038F02

Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	41.1319	-33.76	64.82	31.06	40	-8.94	QP
2	60.7043	51.03	-18.26	32.77	40	-7.23	QP
3	87.4175	54.98	-21.94	33.04	40	-6.96	QP
4	143.8291	56.99	-17.85	39.14	43.5	-4.36	QP
5	684.7454	44.31	-8.91	35.4	46	-10.6	QP
6	924.0000	78.93	-4.88	74.05	94	-19.95	QP

**For 1GHz to 10GHz****CH Low (904MHz)****Horizontal:**

Frequency	Meter Reading	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB/m)	(dB)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1808	49.36	28.51	6.13	30.60	53.40	74.00	-20.60	peak
1808	35.54	28.51	6.13	30.60	39.58	54.00	-14.42	AVG
2712	42.25	30.16	7.24	30.60	49.05	74.00	-24.95	peak
2712	28.86	30.16	7.24	30.60	35.66	54.00	-18.34	AVG
---	---			---	---	---	---	---
---	---			---	---	---	---	---

Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.

Vertical:

Frequency	Meter Reading	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB/m)	(dB)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1808	48.16	28.51	6.13	30.60	52.20	74.00	-21.80	peak
1808	35.72	28.51	6.13	30.60	39.76	54.00	-14.24	AVG
2712	40.62	30.16	7.24	30.60	47.42	74.00	-26.58	peak
2712	25.89	30.16	7.24	30.60	32.69	54.00	-21.31	AVG
---	---			---	---	---	---	---
---	---			---	---	---	---	---

Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



CH Middle (914MHz)

Horizontal:

Frequency	Meter Reading	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB/m)	(dB)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1828	47.78	28.51	6.13	30.60	51.82	74.00	-22.18	peak
1828	34.96	28.51	6.13	30.60	39.00	54.00	-15.00	AVG
2742	39.64	30.16	7.24	30.60	46.44	74.00	-27.56	peak
2742	25.58	30.16	7.24	30.60	32.38	54.00	-21.62	AVG
---	---			---	---	---	---	---
---	---			---	---	---	---	---

Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.

Vertical:

Frequency	Meter Reading	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB/m)	(dB)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1828	48.12	28.51	6.13	30.60	52.16	74.00	-21.84	peak
1828	34.79	28.51	6.13	30.60	38.83	54.00	-15.17	AVG
2742	40.26	30.16	7.24	30.60	47.06	74.00	-26.94	peak
2742	25.78	30.16	7.24	30.60	32.58	54.00	-21.42	AVG
---	---			---	---	---	---	---
---	---			---	---	---	---	---

Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



CH High (924MHz)

Horizontal:

Frequency	Meter Reading	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB/m)	(dB)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1848	48.82	28.51	6.13	30.60	52.86	74	-21.14	peak
1848	39.63	28.51	6.13	30.60	43.67	54	-10.33	AVG
2772	42.72	30.16	7.24	30.60	49.52	74	-24.48	peak
2772	26.62	30.16	7.24	30.60	33.42	54	-20.58	AVG
---	---			---	---	---	---	---
---	---			---	---	---	---	---

Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.

Vertical:

Frequency	Meter Reading	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB/m)	(dB)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1848	47.85	28.51	6.13	30.60	51.89	74	-22.11	peak
1848	36.27	28.51	6.13	30.60	40.31	54	-13.69	AVG
2772	40.55	30.16	7.24	30.60	47.35	74	-26.65	peak
2772	27.72	30.16	7.24	30.60	34.52	54	-19.48	AVG
---	---			---	---	---	---	---
---	---			---	---	---	---	---

Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.

Remark:

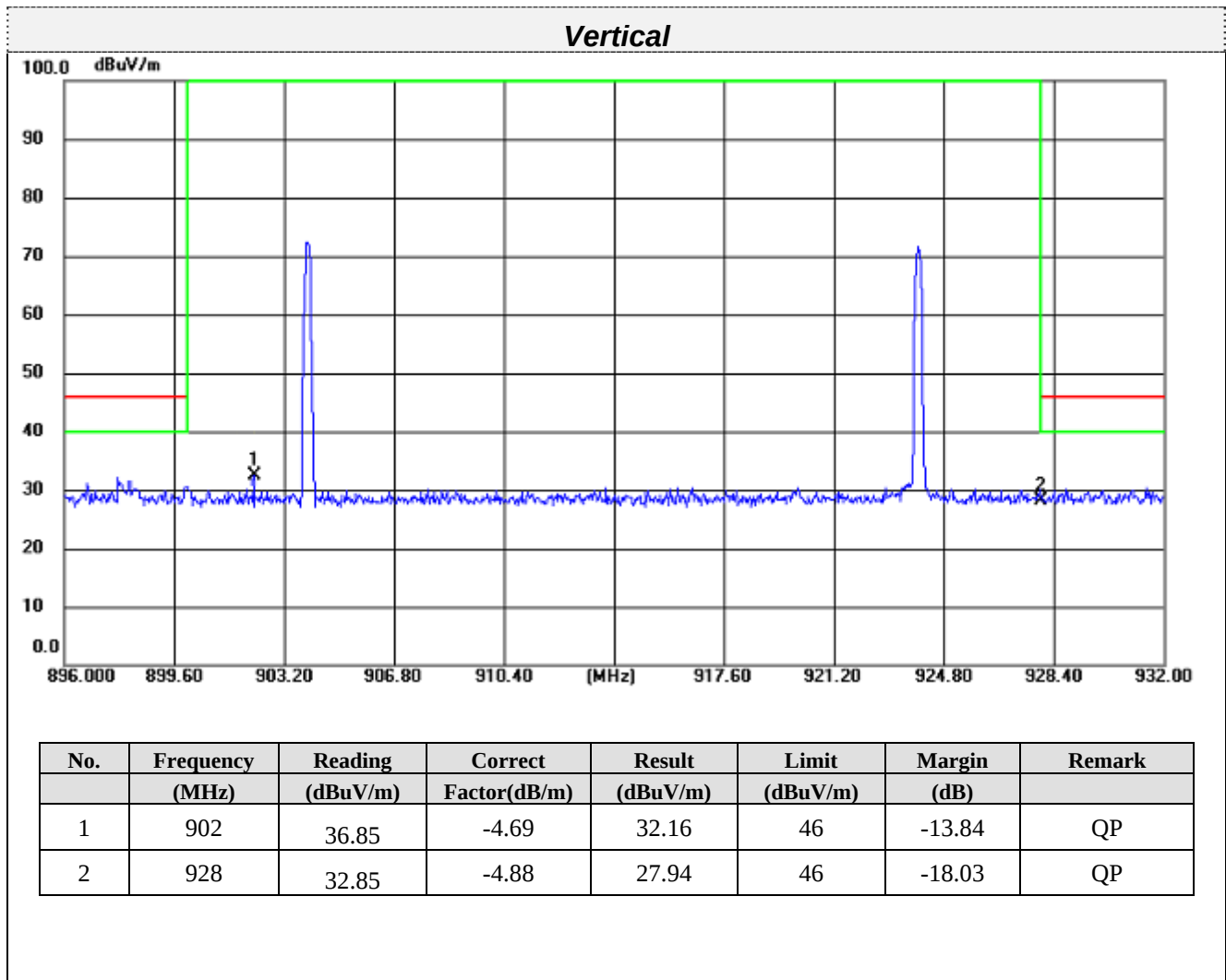
(1) Data of measurement within this frequency range shown “---” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

(2) When the test results of Peak Detected below the limits of Average Detected, the Average Detected is not need completed.



Report No.: HTT202301038F02

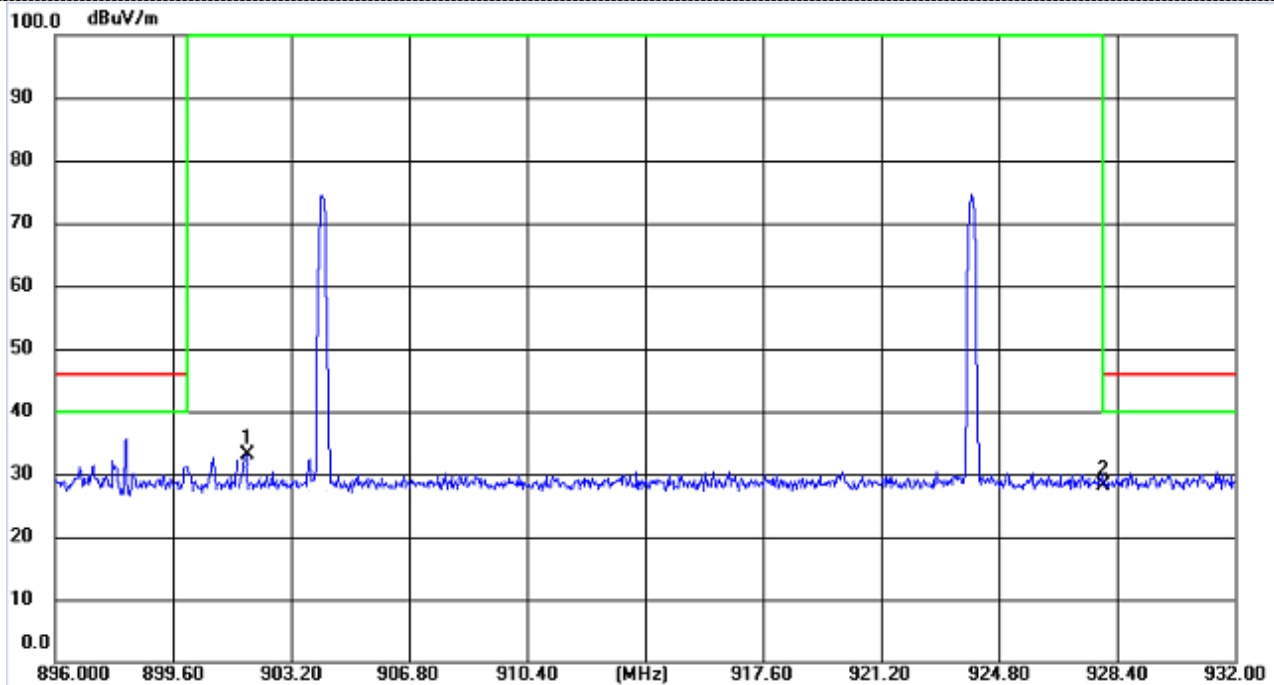
Band Edge





Report No.: HTT202301038F02

Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	902	37.57	-4.69	32.88	46	-13.12	QP
2	928	32.82	-4.88	27.94	46	-18.06	QP



7. Test Setup Photo

Reference to the **appendix I** for details.

8. EUT Constructional Details

Reference to the **appendix II** for details.

-----End-----