



Test report No:
20C0209R-RF-US-P06V02

FCC & ISED TEST REPORT

Product Name	LED Lamp
Trademark	PHILIPS
Model and /or type reference	9290024687
FCC ID	2AGBW9290024687X
IC	20812-24687X
Applicant's name / address	Signify (China) Investment Co., Ltd Building no.9, Lane 888, Tianlin Road, Minhang District, Shanghai
Test method requested, standard	FCC CFR Title 47 Part 15 Subpart C Section 15.247 ANSI C63.10: 2013 KD558074 D01 15.247 Meas Guidance v05r02 RSS-Gen Issue 5 RSS-247 Issue 2
Verdict Summary	IN COMPLIANCE
Tested by (name / position & signature)	Scott Shen/Project Engineer 
Approved by (name / position & signature)	Jack Zhang/Supervisor 
Date of issue	2021-03-16
Report Version	V1.2
Report template No	Template_FCC 15.247-RF-V1.0

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COMPETENCES AND GUARANTEES

DEKRA is a testing laboratory competent to carry out the tests described in this report.

In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

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GENERAL CONDITIONS

Test Location	No. 99, Hongye Road, Suzhou Industrial Park Suzhou, 215006, P.R. China
Date(receive sample)	Dec. 07, 2020
Date (start test)	Dec. 08, 2020
Date (finish test)	Mar. 16, 2021

1. This report is only referred to the item that has undergone the test.
2. This report does not constitute or imply on its own an approval of the product by the Certification Bodies or Competent Authorities.
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ENVIRONMENTAL CONDITIONS

The climatic conditions during the tests are within the limits specified by the manufacturer for the operation of the EUT and the test equipment. The climatic conditions during the tests were within the following limits:

Ambient temperature	15 °C – 35 °C
Relative Humidity air	30% - 60%

If explicitly required in the basic standard or applied product / product family standard the climatic values are recorded and documented separately in this test report.

POSSIBLE TEST CASE VERDICTS

Test case does not apply to test object	N/A
Test object does meet requirement	P (Pass) / PASS
Test object does not meet requirement	F (Fail) / FAIL
Not measured	N/M

ABBREVIATIONS

For the purposes of the present document, the following abbreviations apply:

EUT	: Equipment Under Test
QP	: Quasi-Peak
CAV	: CISPR Average
AV	: Average
CDN	: Coupling Decoupling Network
SAC	: Semi-Anechoic Chamber
OATS	: Open Area Test Site
BW	: Bandwidth
AM	: Amplitude Modulation
PM	: Pulse Modulation
HCP	: Horizontal Coupling Plane
VCP	: Vertical Coupling Plane
U_N	: Nominal voltage
T_x	: Transmitter
R_x	: Receiver
N/A	: Not Applicable
N/M	: Not Measured

DOCUMENT HISTORY

Report No.	Version	Description	Issued Date
20C0209R-RF-US-P06V02	V1.0	Initial issue of report.	2021-01-28
20C0209R-RF-US-P06V02	V1.1	P76-P77, modified Emissions in non-restricted frequency band test data.	2021-03-10
20C0209R-RF-US-P06V02	V1.2	P76-P78, modified Emissions in non-restricted frequency band test data.	2021-03-16

REMARKS AND COMMENTS

- The equipment under test (EUT) does meet the essential requirements of the stated standard(s)/test(s).
- These test results on a sample of the device are for the purpose of demonstrating Compliance with Part 15 Subpart C Paragraph 15.247, RSS-Gen Issue 5, RSS-247 Issue 2.
- The measurement result is considered in conformance with the requirement if it is within the prescribed limit, It is not necessary to account the uncertainty associated with the measurement result.
- The test results presented in this report relate only to the object tested.
- The test report shall not be reproduced without the written approval of DEKRA Testing and Certification (Suzhou) Co., Ltd.
- This report will not be used for social proof function in China market.
- DEKRA declines any responsibility with the following test data provided by customer that may affect the validity of result:
 - Chapter 1.1 General Description of the Item(s);
 - Chapter 1.2 Antenna Information;
 - Chapter 1.3 Channel List.
- There are two crystal oscillators used for this product. We have tested the output power, radiated emission and band edge of the two crystal oscillators respectively, and other items was operated on the product which power is higher.

USED EQUIPMENT

AC Power Line Conducted Emission / TR1

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
EMI Test Receiver	R&S	ESCI	100906	2020.04.18	2021.04.17
Two-Line V-Network	R&S	ENV216	101044	2020.04.18	2021.04.17
50ohm Termination	SHX	TF2	7081402	2020.09.23	2021.09.22
50ohm Termination	SHX	TF2	7081403	2020.09.23	2021.09.22
50ohm Coaxial Switch	Anritsu	MP59B	6200464462	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-8S	TR1-TH	2020.08.23	2021.08.22
Dekra test software	Dekra	-	-	-	-

Emissions in non-restricted frequency bands/ Occupied Bandwidth/ Fundamental emission output power/ Power Spectral Density / TR8

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2020.08.15	2021.08.14
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2020.04.17	2021.04.16
MXA Signal Analyzer	Keysight	N9020A	MY56060147	2020.08.15	2021.08.14
4TX MIMO Power Sensor	Keysight	X8750A	MY59400102	2021.02.11	2022.02.10
Coaxial Cable	Woken	SFL402	F02-150410-044	2021.01.01	2021.12.31
Temperature/Humidity Meter	RTS	RTS-8S	RF08	2020.08.13	2021.08.12

Radiated Emission(30MHz-1GHz) / AC2

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
EMI Test Receiver	R&S	ESCI	100573	2020.12.06	2021.12.05
Bilog Antenna	Teseq GmbH	CBL6112D	27611	2020.09.22	2021.09.21
Coaxial Cable	Huber+Suhner	RG 214	AC2-C	2020.04.05	2021.04.04
Temperature/Humidity Meter	RTS	RTS-8S	AC2-TH	2020.08.13	2021.08.12
Dekra test software	Dekra	-	-	-	-

Radiated Emission(1GHz-40GHz) / AC5

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2020.04.17	2021.04.16
Amplifier	Keleto	LNPA	SK20190225	2020.09.25	2021.09.24
Preamplifier	EMCI	EMC184045SE	980263	2020.05.24	2021.05.23
DRG Horn Antenna	ETS-Lindgren	3117	00167055	2020.08.06	2021.08.05
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2019.03.23	2021.03.22
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C2	2020.04.05	2021.04.04
Coaxial Cable	ROSENBERGER	LA1-C011- 2000/3000	AC5-40G	2020.04.18	2021.04.17
Temperature/Humidity Meter	RTS	RTS-8S	AC5-TH	2020.08.13	2021.08.12
Dekra test software	Dekra	-	-	-	-

UNCERTAINTY

Uncertainties have been calculated according to the DEKRA internal document. The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%. The Uncertainties is comply with standard required as below.

Test item	Uncertainty
AC Power Line Conducted Emission	9kHz~150kHz: 2.80 dB 150kHz~30MHz: 2.40 dB
Peak Power Output	± 1.27 dB
Radiated Emission(30MHz~1GHz)	Horizontal: 30MHz~200MHz: 3.50 dB 300MHz~1GHz: 3.60 dB Vertical: 30MHz~200MHz: 3.60 dB 300MHz~1GHz: 3.50 dB
Radiated Emission(1GHz~26.5GHz)	Horizontal: 1GHz~18GHz: 5.00 dB Vertical: 1GHz~18GHz: 4.80 dB
RF antenna conducted test	± 1.27 dB
Radiated Emission Band Edge	± 3.9 dB
DTS Bandwidth	± 150 Hz
Occupied Bandwidth	± 1 kHz
Power Density	± 1.27 dB

1 GENERAL INFORMATION

1.1 General Description of the Item(s)

Product Name	LED Lamp
Model No.	9290024687
FCC ID	2AGBW9290024687X
IC	20812-24687X
Manufacturer	Signify (China) Investment Co., Ltd
Manufacturer Address	Building no.9, Lane 888, Tianlin Road, Minhang District, Shanghai
Differences	EUT has two different crystal oscillators, the crystal oscillators frequency are the same, the manufacturers are different.

Wireless specification	Bluetooth 5.0			
Operating frequency range(s)	2400~2483.5MHz			
Type of Modulation	GFSK			
PHYs	<input checked="" type="checkbox"/> LE 1M	<input checked="" type="checkbox"/> LE 2M	<input checked="" type="checkbox"/> LE Coded S=2/8	
Data Rate	<input checked="" type="checkbox"/> 1Mbit/s	<input checked="" type="checkbox"/> 2Mbit/s	<input checked="" type="checkbox"/> 500/125 Kbit/s	
Number of channel	40			

Rated power supply	Voltage and Frequency			
	<input type="checkbox"/>	AC: 220 – 240 V, 50/60 Hz		
	<input checked="" type="checkbox"/>	AC: 110 – 130 Vac, 50/60 Hz		
	<input type="checkbox"/>	DC: 24 Vdc		
	<input type="checkbox"/>	Battery:		
Mounting position	<input type="checkbox"/>	Table top equipment		
	<input type="checkbox"/>	Wall/Ceiling mounted equipment		
	<input type="checkbox"/>	Floor standing equipment		
	<input type="checkbox"/>	Head-mounted equipment		
	<input checked="" type="checkbox"/>	Other:		

1.2 Antenna Information

Antenna model / type number	N/A		
Antenna serial number	N/A		
Antenna Delivery	<input checked="" type="checkbox"/>	1TX + 1RX	
	<input type="checkbox"/>	2TX + 2RX	
Antenna technology	<input checked="" type="checkbox"/>	SISO	
	<input type="checkbox"/>	MIMO	<input type="checkbox"/> CDD <input type="checkbox"/> Beam-forming
Antenna Type	<input type="checkbox"/>	External	<input type="checkbox"/> Dipole
			<input type="checkbox"/> Sectorized
	<input checked="" type="checkbox"/>	Internal	<input type="checkbox"/> PIFA
			<input checked="" type="checkbox"/> PCB
			<input type="checkbox"/> Metal Monopole Antenna
		<input type="checkbox"/> Others.....	
Antenna Gain	-0.7 dBi		

1.3 Channel List

Bluetooth Working Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
00	2402 MHz	01	2404 MHz	02	2406 MHz	03	2408 MHz
04	2410 MHz	05	2412 MHz	06	2414 MHz	07	2416 MHz
08	2418 MHz	09	2420 MHz	10	2422 MHz	11	2424 MHz
12	2426 MHz	13	2428 MHz	14	2430 MHz	15	2432 MHz
16	2434 MHz	17	2436 MHz	18	2438 MHz	19	2440 MHz
20	2442 MHz	21	2444 MHz	22	2446 MHz	23	2448 MHz
24	2450 MHz	25	2452 MHz	26	2454 MHz	27	2456 MHz
28	2458 MHz	29	2460 MHz	30	2462 MHz	31	2464 MHz
32	2466 MHz	33	2468 MHz	34	2470 MHz	35	2472 MHz
36	2474 MHz	37	2476 MHz	38	2478 MHz	39	2480 MHz

Note: The general description of the Item(s), antenna information and channel list in clause 1 are provided and confirmed by the client.

2 DESCRIPTION OF TEST SETUP

2.1 Operating mode(s) used for tests

During the tests the following operating mode(s) has(have) been used.

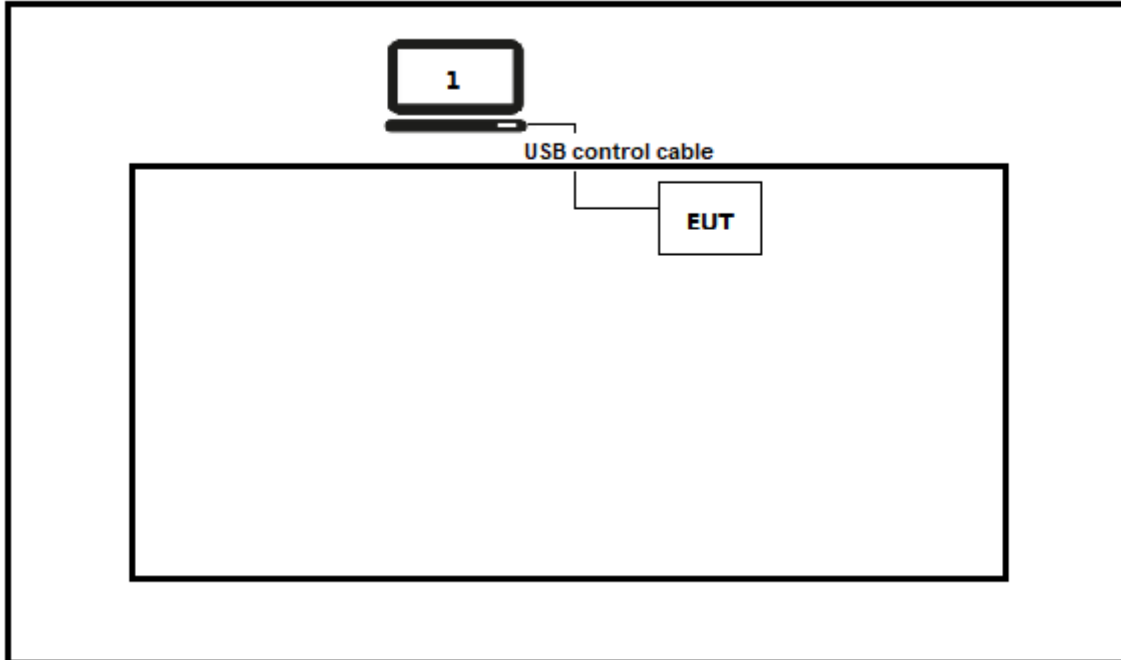
Test Mode For Bluetooth	Mode1: Transmit by LE_1Mbps
	Mode2: Transmit by LE_2Mbps
	Mode3: Transmit by LE_Coded S=2
	Mode4: Transmit by LE_Coded S=8

2.2 Auxiliary equipment / Test software for the EUT

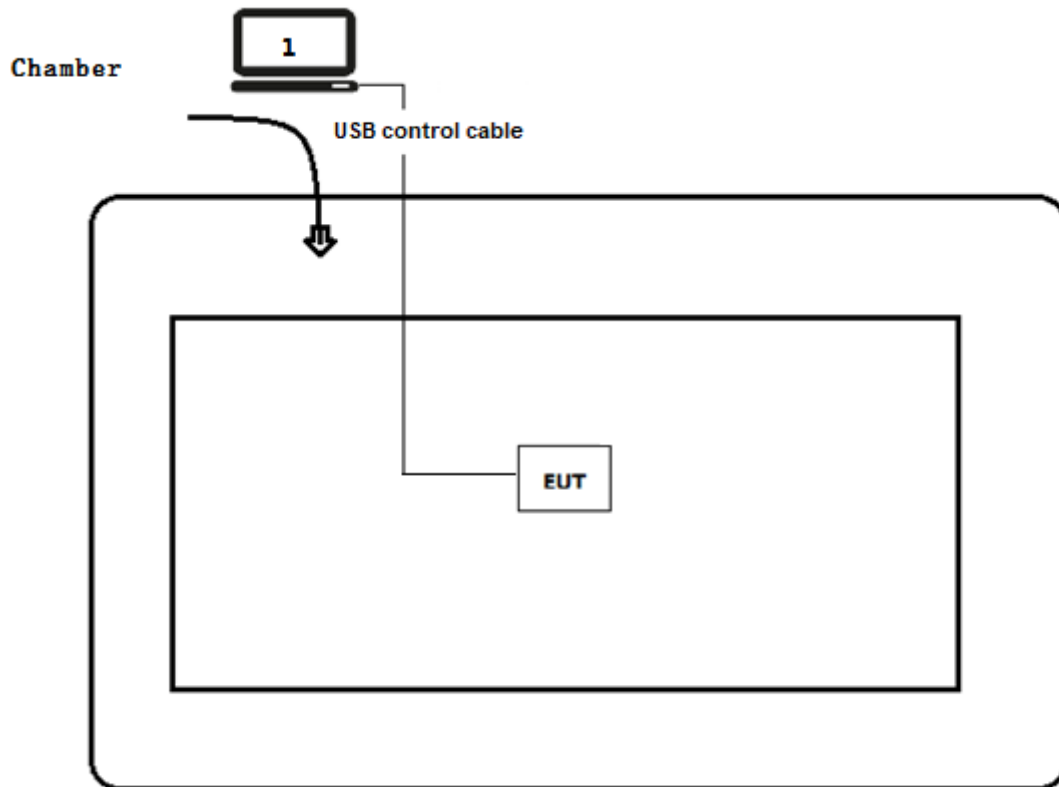
Auxiliary equipment	Type / Version	Manufacturer	Supplied by
Notebook	Think pad x220	Lenovo	Adapter
Software	Type / Version	Manufacturer	Supplied by
ApprobationTool	N/A	N/A	N/A

2.3 Test Configuration / Block diagram used for tests

Test setup Diagram- AC Line Conducted Emission Test



Test setup Diagram- Radiated Emission



2.4 Testing process

1	Setup the EUT as shown in Section 2.3.
2	Execute test software "ApprobationTool" on the notebook.
3	Configure the test mode, the test channel, and the data rate.
4	Verify that the EUT works properly.

3 VERDICT SUMMARY SECTION

This chapter presents an overview of standards and results. Refer to the next chapters for details of measured test results and applied test levels.

3.1 Standards

Standard	Year	Description
FCC CFR Title 47 Part 15 Subpart C Section 15.247	2020	Operation within the bands 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz.
ANSI C63.10	2013	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices
KDB 558074 D01 v05r02	2019	Guidance for performing compliance measurements on Digital Transmission System (DTS) operating under section 15.247
RSS-Gen Issue 5 Amendment 1	2019	General Requirements for Compliance of Radio Apparatus
RSS-247 Issue 2	2017	Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices

3.2 Deviation(s) from the Standard(s) / Test Specification(s)

The following deviation(s) was / were made from the published requirements of the listed standards: N/A.

(Please define the deviations from the standard(s) if applicable)

3.3 Overview of results

For FCC

Requirement – Test case	Basic standard(s)	Verdict	Remark
AC Power Line Conducted Emission	FCC 15.207	PASS	---
Emissions in restricted frequency bands	FCC 15.247(b)(3)	PASS	---
Duty cycle	ANSI C63.10:2013	PASS	---
Emissions in non-restricted frequency bands	FCC 15.247(d), FCC 15.209	PASS	---
Radiated Emission Band Edge	FCC 15.247(d)	PASS	---
Fundamental emission output power	FCC 15.247(d), FCC 15.209	PASS	---
DTS Bandwidth	FCC 15.247(a)(2)	PASS	---
Power Spectral Density	FCC 15.247(e)	PASS	---
Antenna Requirement	FCC 15.203	PASS	---

For ISED

Requirement – Test case	Basic standard(s)	Verdict	Remark
AC Power Line Conducted Emission	RSS-Gen Issue 5 Section 8.8	PASS	---
Emissions in restricted frequency bands	RSS-Gen Issue 5 Section 8.9	PASS	---
Duty cycle	ANSI C63.10:2013	PASS	---
Emissions in non-restricted frequency bands	RSS-247 Issue 2 Section 5.5	PASS	---
Radiated Emission Band Edge	RSS-Gen Issue 5 Section 8.10	PASS	---
Fundamental emission output power	RSS-247 Issue 2 Section 5.4(d)	PASS	---
DTS Bandwidth	RSS-Gen Issue 5 Section 6.7	PASS	---
Power Spectral Density	RSS-247 Issue 2 Section 5.2(b)	PASS	---
Antenna Requirement	RSS-Gen Issue 5 Section 6.8	PASS	---

3.4 Test Facility

USA : FCC Designation Number: CN1199

CA : ISED CAB identifier: CN0040

4 TEST RESULTS

4.1 AC Power Line Conducted Emission

VERDICT: PASS

4.1.1 Limit

Standard		
FCC Part 15 Subpart C Paragraph 15.207		
Frequency range [MHz]	Limit: QP [dB(μV) ¹⁾	Limit: AV [dB(μV) ¹⁾
0,15 - 0,50	66 - 56 ²⁾	56 - 46 ²⁾
0,50 - 5,0	56	46
5,0 - 30	60	50

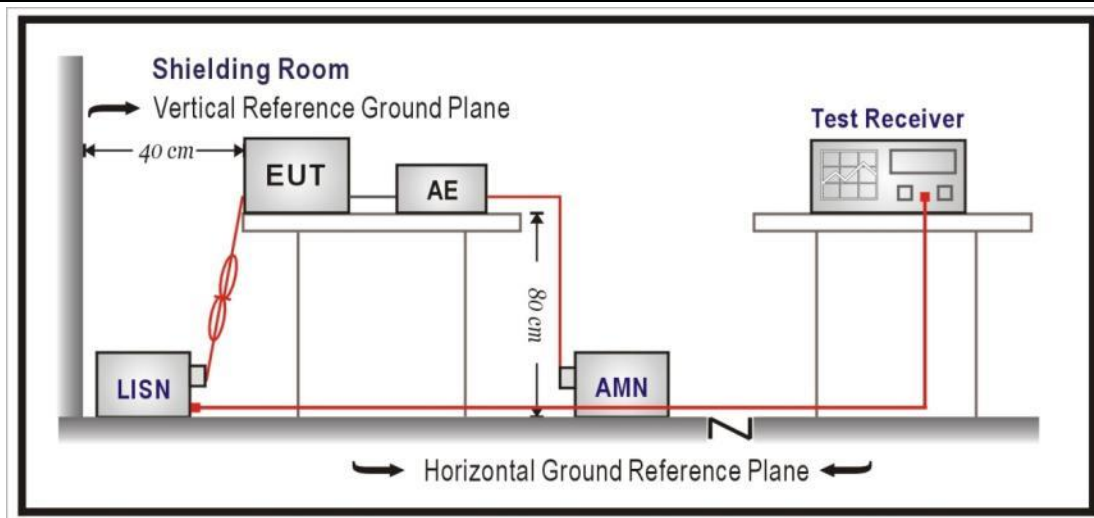
¹⁾ At the transition frequency, the lower limit applies.

²⁾ The limit decreases linearly with the logarithm of the frequency.

NOTE 1: The exclusion band for transmitters shall be considered for transmitters operating at frequencies below 30 MHz.

NOTE 2: Where the AC output port is directly connected (or via a circuit breaker) to the AC power input port of the EUT the AC power output port need not to be tested.

4.1.2 Test Setup

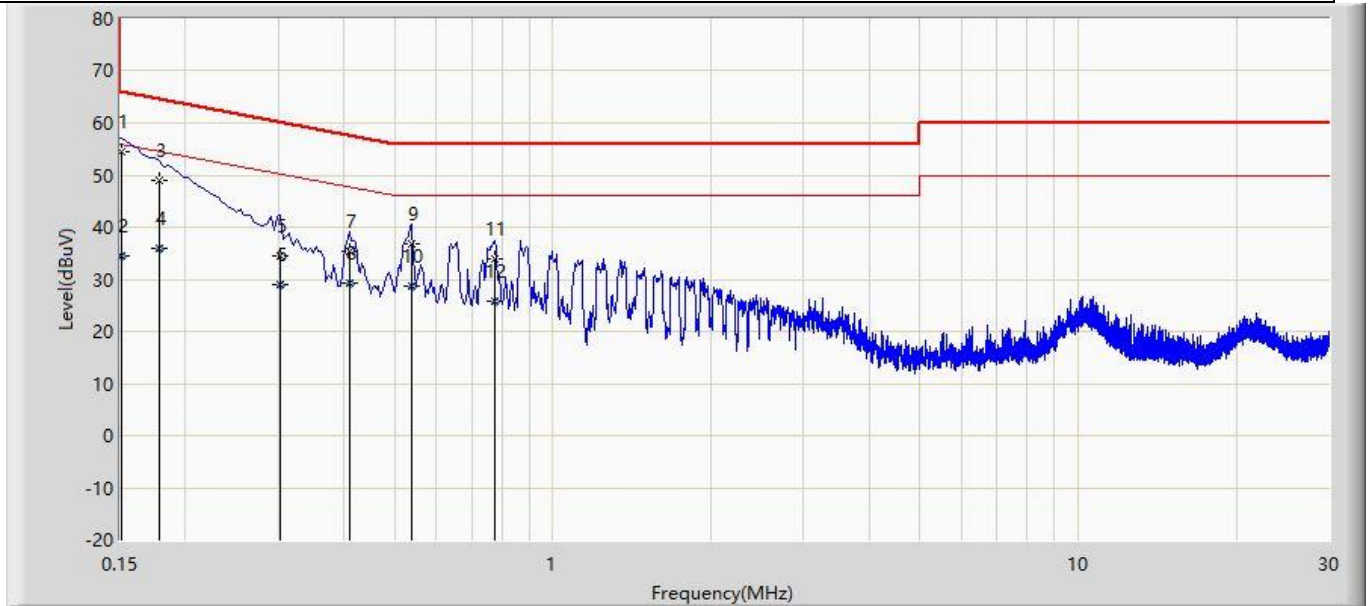


4.1.3 Test Procedure

	References Rule	Chapter	Item
<input checked="" type="checkbox"/>	ANSI C63.10-2013	6.2	Standard test method for ac power-line conducted emissions from unlicensed wireless devices

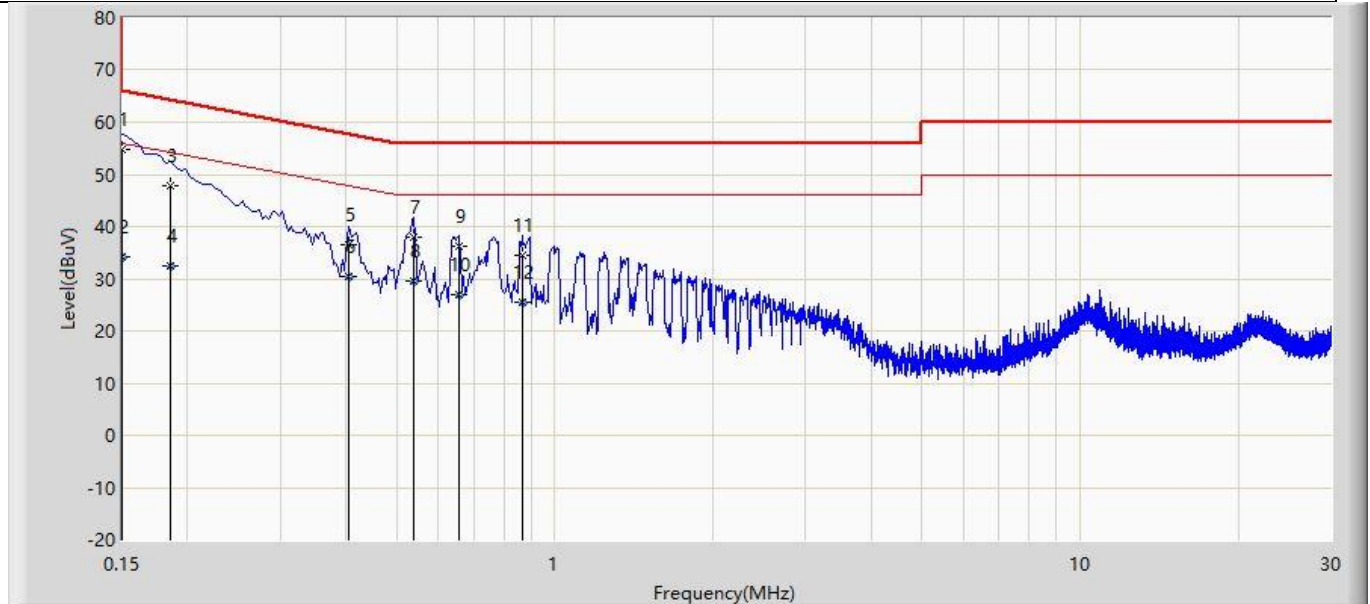
4.1.4 Test Data

Profile: 20C0209R	Page No.: 34
Engineer: Yu	
Site: TR1	Time: 2021/01/06
Limit: Limit: FCC_Part15.207_CE_AC Power	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Neutral
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 1	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1	*	0.151	54.422	44.549	-11.523	65.945	9.844	0.029	0.000	QP
2		0.151	34.463	24.591	-21.482	55.945	9.844	0.029	0.000	AV
3		0.178	48.987	39.113	-15.591	64.578	9.846	0.028	0.000	QP
4		0.178	35.828	25.954	-18.750	54.578	9.846	0.028	0.000	AV
5		0.302	34.536	24.649	-25.652	60.188	9.854	0.034	0.000	QP
6		0.302	29.039	19.151	-21.149	50.188	9.854	0.034	0.000	AV
7		0.410	35.243	25.346	-22.405	57.648	9.858	0.039	0.000	QP
8		0.410	29.235	19.338	-18.413	47.648	9.858	0.039	0.000	AV
9		0.538	36.953	27.045	-19.047	56.000	9.864	0.044	0.000	QP
10		0.538	28.664	18.756	-17.336	46.000	9.864	0.044	0.000	AV
11		0.774	34.053	24.193	-21.947	56.000	9.808	0.052	0.000	QP
12		0.774	25.674	15.814	-20.326	46.000	9.808	0.052	0.000	AV

Profile: 20C0209R	Page No.: 35
Engineer: Yu	
Site: TR1	Time: 2021/01/06
Limit: Limit: FCC_Part15.207_CE_AC Power	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Line
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 1	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1	*	0.150	54.695	44.816	-11.305	66.000	9.850	0.029	0.000	QP
2		0.150	34.184	24.305	-21.816	56.000	9.850	0.029	0.000	AV
3		0.186	47.761	37.875	-16.452	64.213	9.857	0.028	0.000	QP
4		0.186	32.506	22.620	-21.707	54.213	9.857	0.028	0.000	AV
5		0.406	36.620	26.714	-21.110	57.730	9.867	0.039	0.000	QP
6		0.406	30.487	20.581	-17.243	47.730	9.867	0.039	0.000	AV
7		0.538	37.930	28.015	-18.070	56.000	9.872	0.044	0.000	QP
8		0.538	29.550	19.634	-16.450	46.000	9.872	0.044	0.000	AV
9		0.658	36.134	26.208	-19.866	56.000	9.878	0.048	0.000	QP
10		0.658	26.991	17.066	-19.009	46.000	9.878	0.048	0.000	AV
11		0.866	34.551	24.683	-21.449	56.000	9.814	0.054	0.000	QP
12		0.866	25.572	15.704	-20.428	46.000	9.814	0.054	0.000	AV

4.2 Emissions in restricted frequency bands**VERDICT: PASS****4.2.1 Limit****Standard** FCC Part 15 Subpart C Paragraph 15.209

Restricted Bands of operation

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 – 0.110	16.42 – 16.423	399.9 – 410	4.5 – 5.15
0.495 – 0.505	16.69475 – 16.69525	608 – 614	5.35 – 5.46
2.1735 – 2.1905	16.80425 – 16.80475	960 – 1240	7.25 – 7.75
4.125 – 4.128	25.5 – 25.67	1300 – 1427	8.025 – 8.5
4.17725 – 4.17775	37.5 – 38.25	1435 – 1626.5	9.0 – 9.2
4.20725 – 4.20775	73 – 74.6	1645.5 – 1646.5	9.3 – 9.5
6.215 – 6.218	74.8 – 75.2	1660 – 1710	10.6 – 12.7
6.26775 – 6.26825	108 – 121.94	1718.8 – 1722.2	13.25 – 13.4
6.31175 – 6.31225	123 – 138	2200 – 2300	14.47 – 14.5
8.291 – 8.294	149.9 – 150.05	2310 – 2390	15.35 – 16.2
8.362 – 8.366	156.52475 – 156.52525	2483.5 – 2500	17.7 – 21.4
8.37625 – 8.38675	156.7 – 156.9	2690 – 2900	22.01 – 23.12
8.81425 – 8.81475	162.0125 – 167.17	3260 – 3267	23.6 – 24.0
12.29 – 12.293	167.72 – 173.2	3332 – 3339	31.2 – 31.8
12.51975 – 12.52025	240 – 285	3345.8 – 3358	36.43 – 36.5
12.57675 – 12.57725	322 – 335.4	3600 – 4400	
13.36 – 13.41			

Restricted Bands of operation for IC

0.090 - 0.110	13.36 - 13.41	960 - 1427	9.0 - 9.2
0.495 - 0.505	16.42 - 16.423	1435 - 1626.5	9.3 - 9.5
2.1735 - 2.1905	16.69475 - 16.69525	1645.5 - 1646.5	10.6 - 12.7
3.020 - 3.026	16.80425 - 16.80475	1660 - 1710	13.25 - 13.4
4.125 - 4.128	25.5 - 25.67	1718.8 - 1722.2	14.47 - 14.5
4.17725 - 4.17775	37.5 - 38.25	2200 - 2300	15.35 - 16.2
4.20725 - 4.20775	73 - 74.6	2310 - 2390	17.7 - 21.4
5.677 - 5.683	74.8 - 75.2	2483.5 - 2500	22.01 - 23.12
6.215 - 6.218	108 - 138	2655 - 2900	23.6 - 24.0
6.26775 - 6.26825	149.9 - 150.05	3260 - 3267	31.2 - 31.8
6.31175 - 6.31225	156.52475 - 156.52525	3332 - 3339	36.43 - 36.5
8.291 - 8.294	156.7 - 156.9	3345.8 - 3358	Above 38.6
8.362 - 8.366	162.0125 - 167.17	3500 - 4400	
8.37625 - 8.38675	167.72 - 173.2	4500 - 5150	
8.81425 - 8.81475	240 - 285	5350 - 5460	
12.29 - 12.293	322 - 335.4	7250 - 7750	
12.51975 - 12.52025	399.9 - 410	8025 - 8500	
12.57675 - 12.57725	608 - 614	--	

Restricted Band Emissions Limit			
Frequency (MHz)	Field strength ($\mu\text{V/m}$)	Field strength ($\text{dB}\mu\text{V/m}$)	Measurement distance (m)
0.009 - 0.49	2400/F(kHz)	48.5 – 13.8	300 _(Note 1)
0.49 - 1.705	24000/F(kHz)	33.8 - 23	30 _(Note 1)
1.705 - 30	30	29.5	30 _(Note 1)
30 - 88	100	40	3 _(Note 2)
88 - 216	150	43.5	3 _(Note 2)
216 - 960	200	46	3 _(Note 2)
Above 960	500	54	3 _(Note 2)

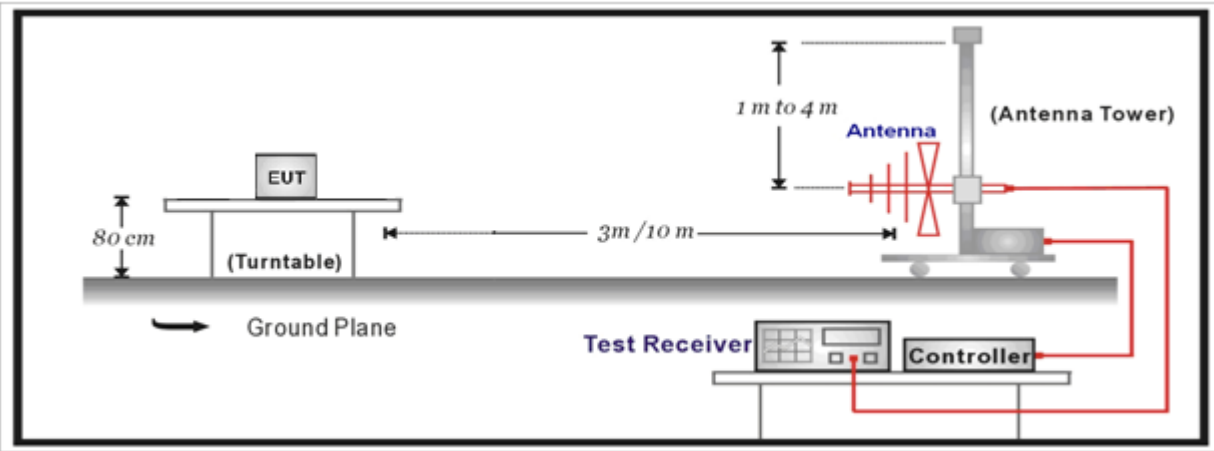
Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade).

Note 2: At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment.

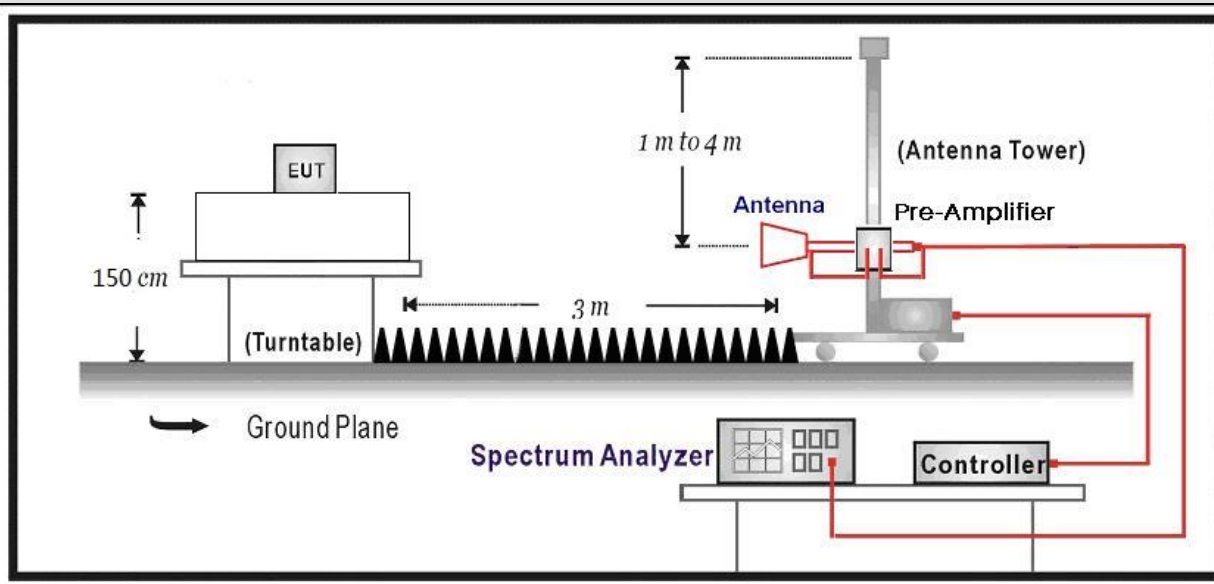
Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

4.2.2 Test Setup

30MHz-1GHz Test Setup:



Above 1GHz Test Setup:



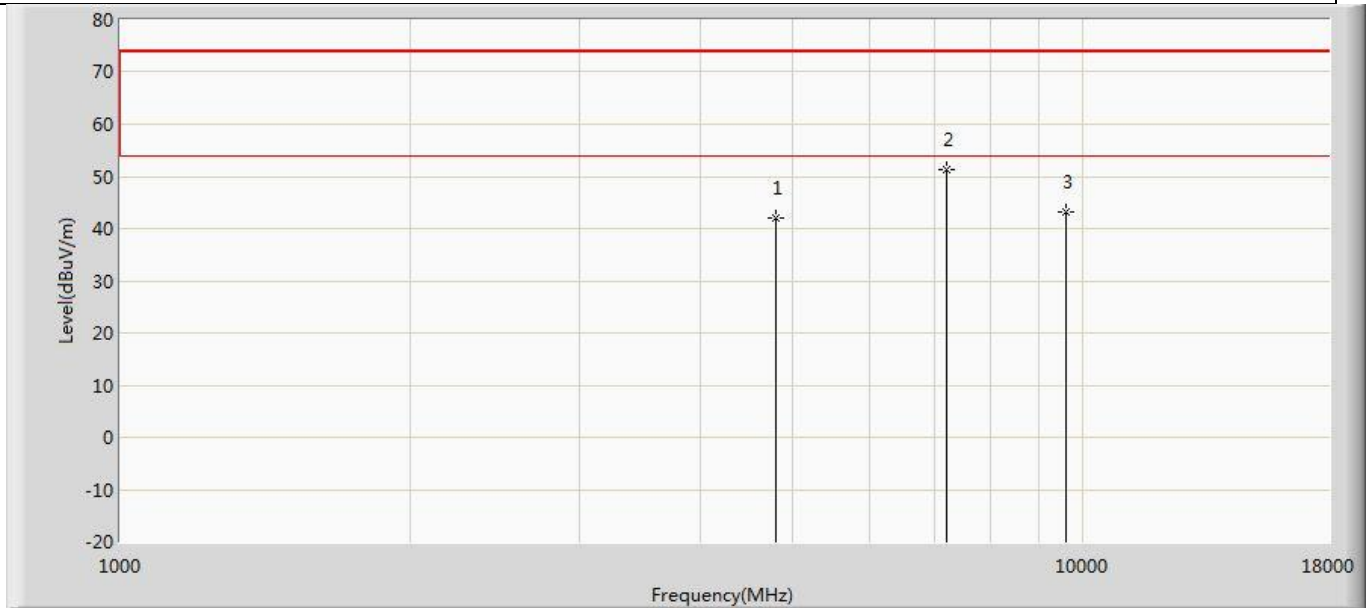
4.2.3 Test Procedure

References Rule	Chapter	Description
<input checked="" type="checkbox"/> ANSI C63.10	11.12	Emissions in restricted frequency bands
<input checked="" type="checkbox"/> ANSI C63.10	11.12.1	Radiated emission measurements
<input checked="" type="checkbox"/> ANSI C63.10	11.12.2.7	Radiated spurious emission test
<input checked="" type="checkbox"/> ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
<input checked="" type="checkbox"/> ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
<input checked="" type="checkbox"/> ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz

4.2.4 Test Data

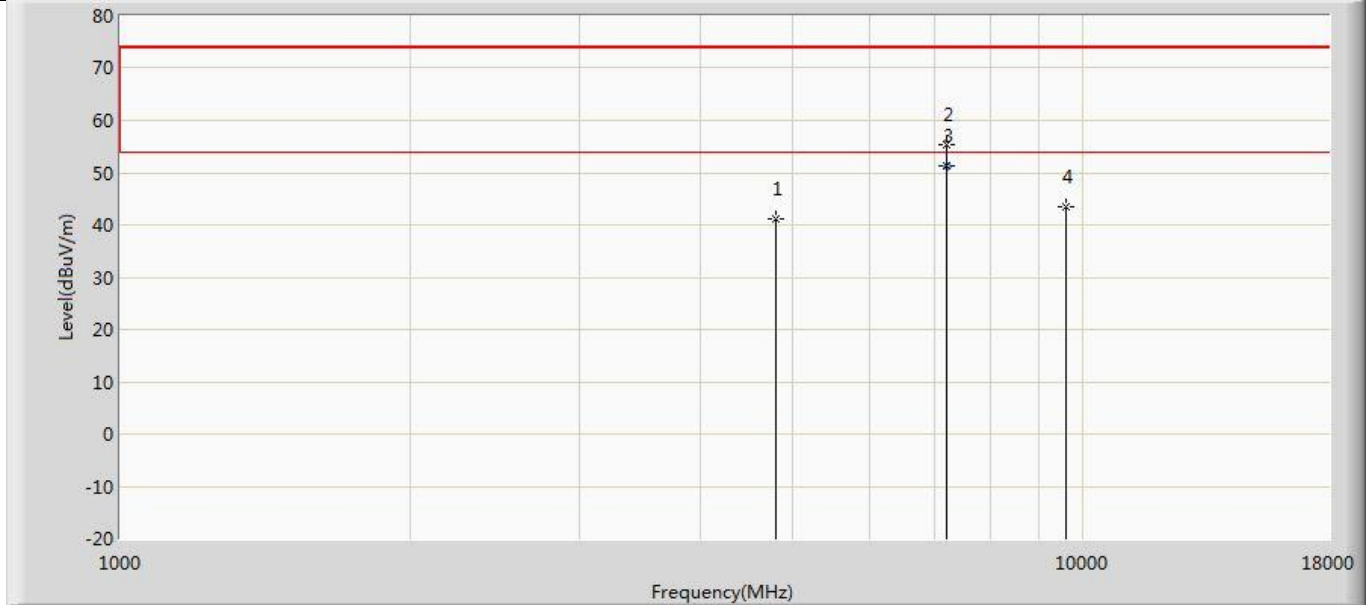
Crystal oscillator #1:

Profile: 20C0209R	Page No.: 31
Engineer: Yu	
Site: AC5	Time: 2021/01/06 - 00:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2402MHz	



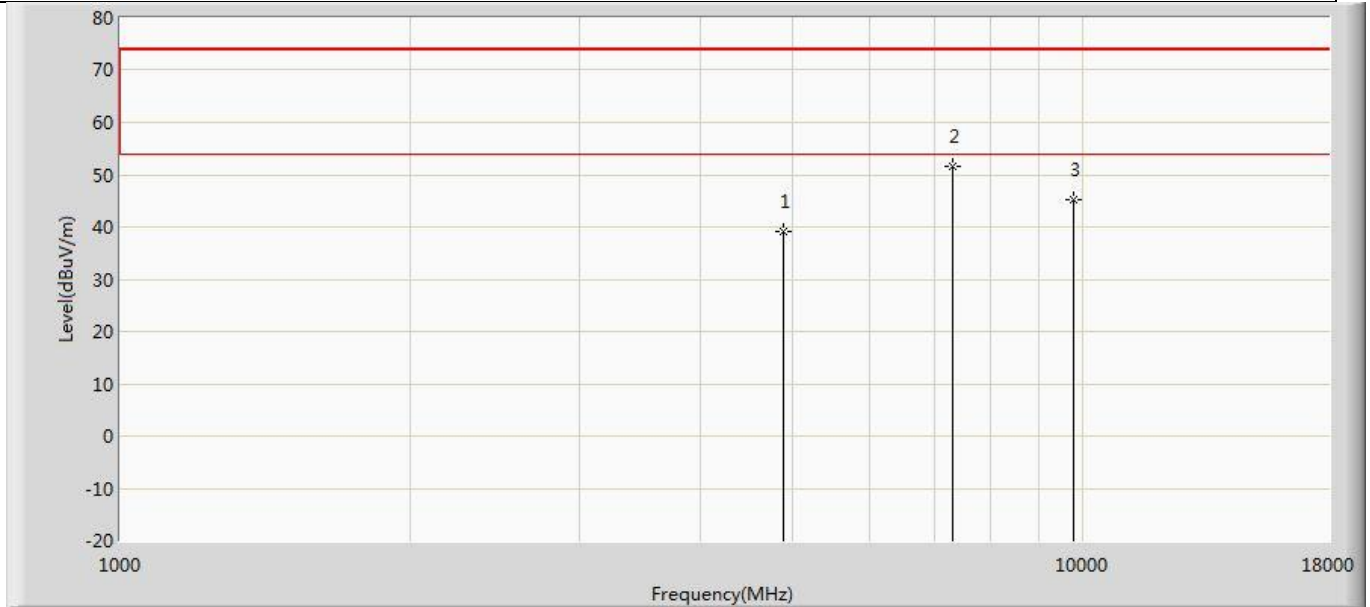
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	42.095	36.379	-31.905	74.000	5.716	PK
2	*	7206.000	51.245	42.122	-22.755	74.000	9.123	PK
3		9608.000	43.154	31.917	-30.846	74.000	11.238	PK

Profile: 20C0209R	Page No.: 32
Engineer: Yu	
Site: AC5	Time: 2021/01/06 - 00:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2402MHz	



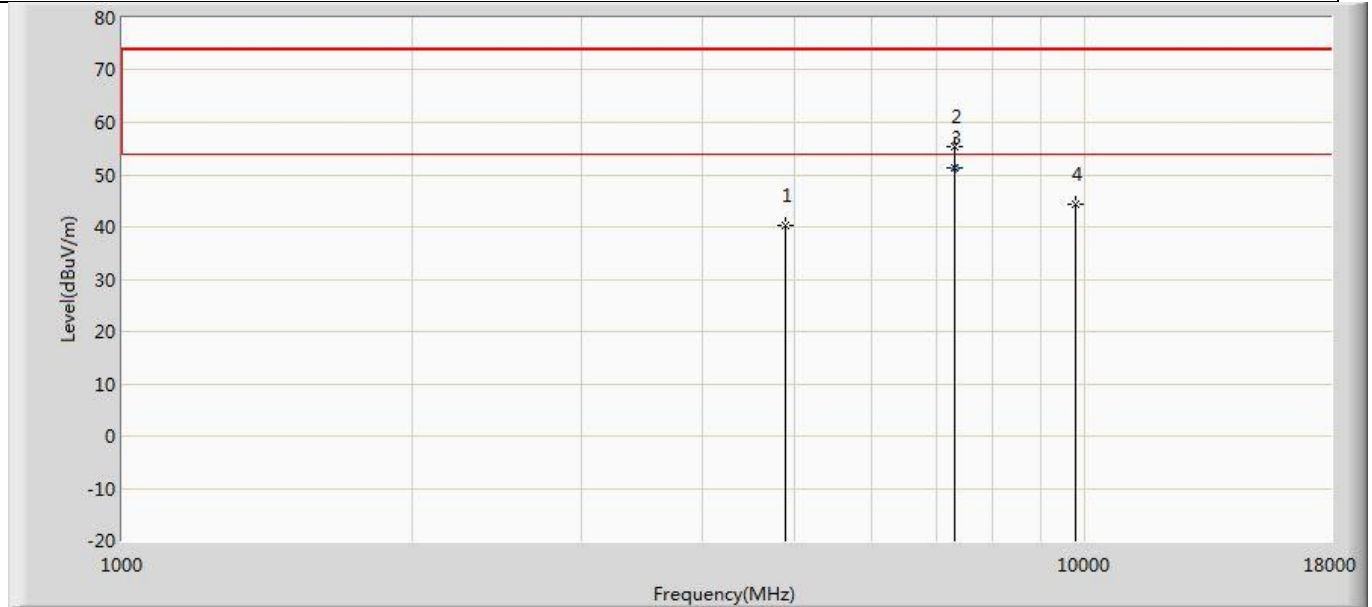
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	41.248	35.532	-32.752	74.000	5.716	PK
2		7206.000	55.475	46.352	-18.525	74.000	9.123	PK
3	*	7206.000	51.348	42.225	-2.652	54.000	9.123	AV
4		9608.000	43.548	32.311	-30.452	74.000	11.238	PK

Profile: 20C0209R	Page No.: 33
Engineer: Yu	
Site: AC5	Time: 2021/01/06 - 00:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2440MHz	



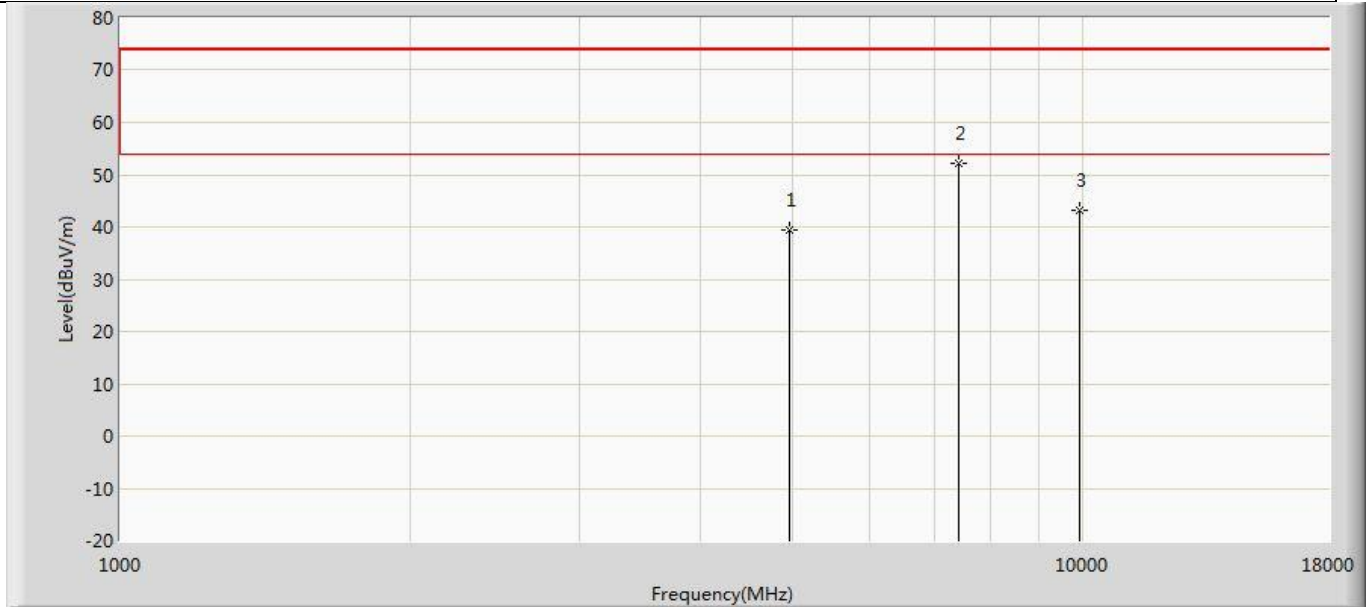
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	39.154	33.363	-34.846	74.000	5.790	PK
2	*	7320.000	51.485	42.224	-22.515	74.000	9.261	PK
3		9760.000	45.152	33.089	-28.848	74.000	12.063	PK

Profile: 20C0209R	Page No.: 34
Engineer: Yu	
Site: AC5	Time: 2021/01/06 - 00:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2440MHz	



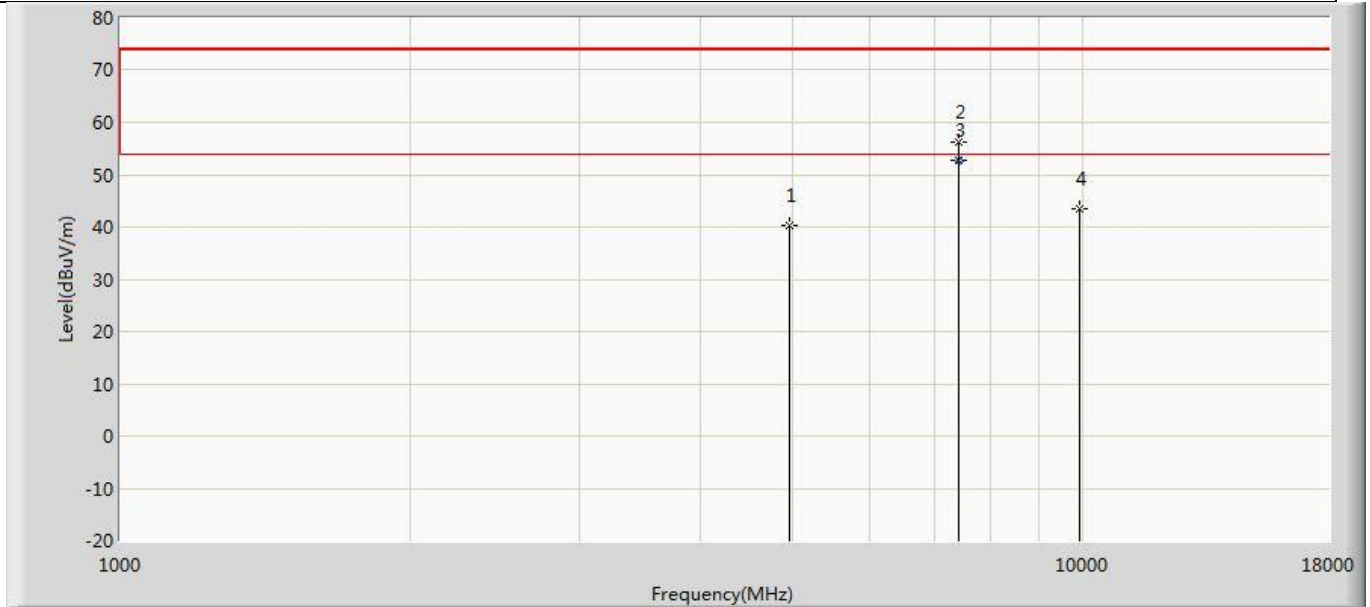
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	40.154	34.363	-33.846	74.000	5.790	PK
2		7320.000	55.248	45.987	-18.752	74.000	9.261	PK
3	*	7320.000	51.348	42.087	-2.652	54.000	9.261	AV
4		9760.000	44.345	32.282	-29.655	74.000	12.063	PK

Profile: 20C0209R	Page No.: 35
Engineer: Yu	
Site: AC5	Time: 2021/01/06 - 00:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2480MHz	



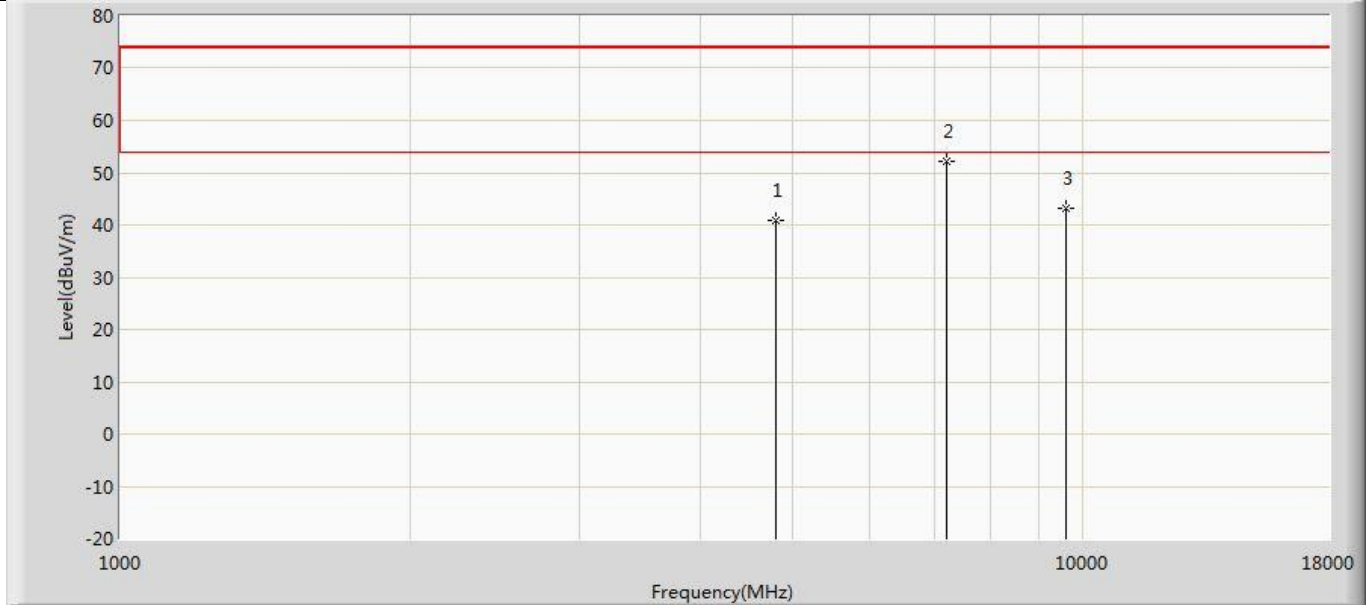
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	39.452	33.706	-34.548	74.000	5.745	PK
2	*	7440.000	52.043	42.592	-21.957	74.000	9.451	PK
3		9920.000	43.186	33.239	-30.814	74.000	9.946	PK

Profile: 20C0209R	Page No.: 36
Engineer: Yu	
Site: AC5	Time: 2021/01/06 - 00:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2480MHz	



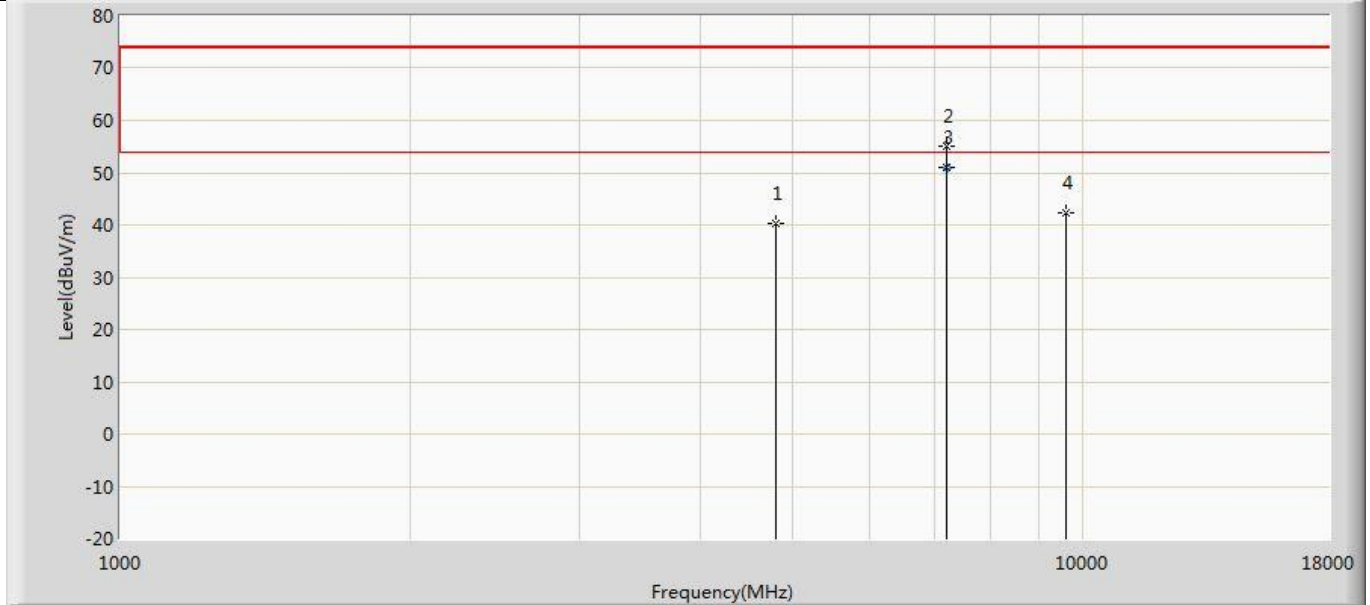
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	40.345	34.599	-33.655	74.000	5.745	PK
2		7440.000	56.145	46.694	-17.855	74.000	9.451	PK
3	*	7440.000	52.645	43.194	-1.355	54.000	9.451	AV
4		9920.000	43.428	31.740	-30.572	74.000	11.688	PK

Profile: 20C0209R	Page No.: 37
Engineer: Yu	
Site: AC5	Time: 2021/01/06 - 00:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2402MHz	



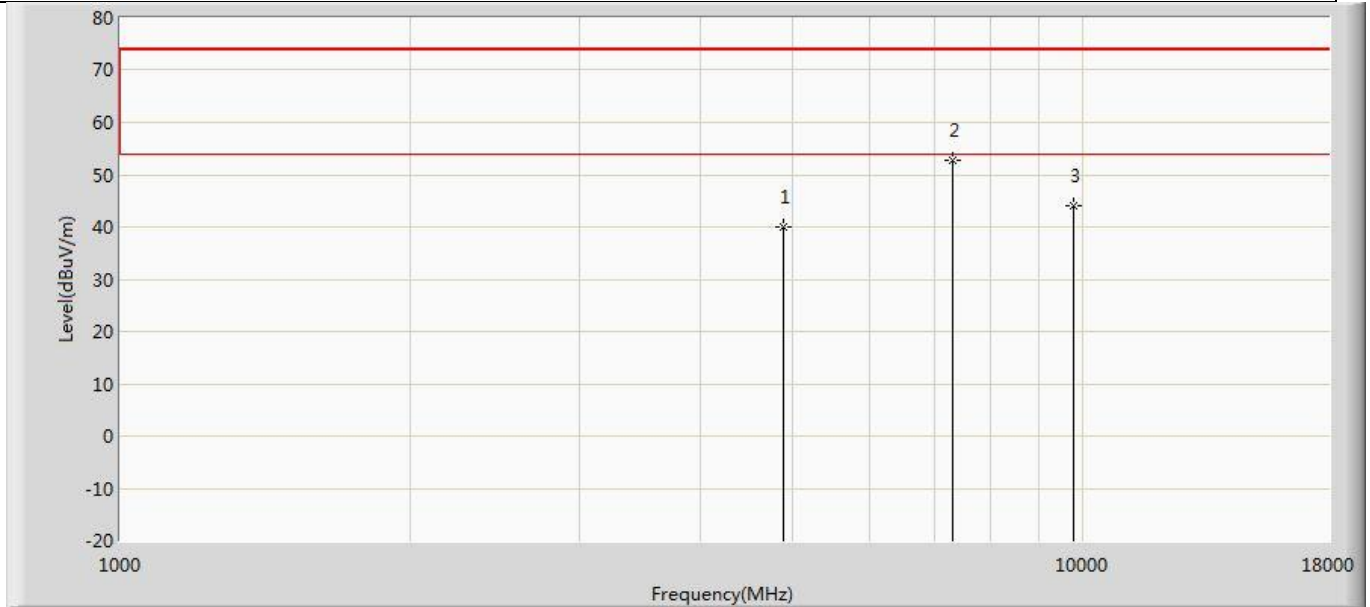
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	40.845	35.129	-33.155	74.000	5.716	PK
2	*	7206.000	52.142	43.019	-21.858	74.000	9.123	PK
3		9608.000	43.152	31.915	-30.848	74.000	11.238	PK

Profile: 20C0209R	Page No.: 38
Engineer: Yu	
Site: AC5	Time: 2021/01/06 - 00:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2402MHz	



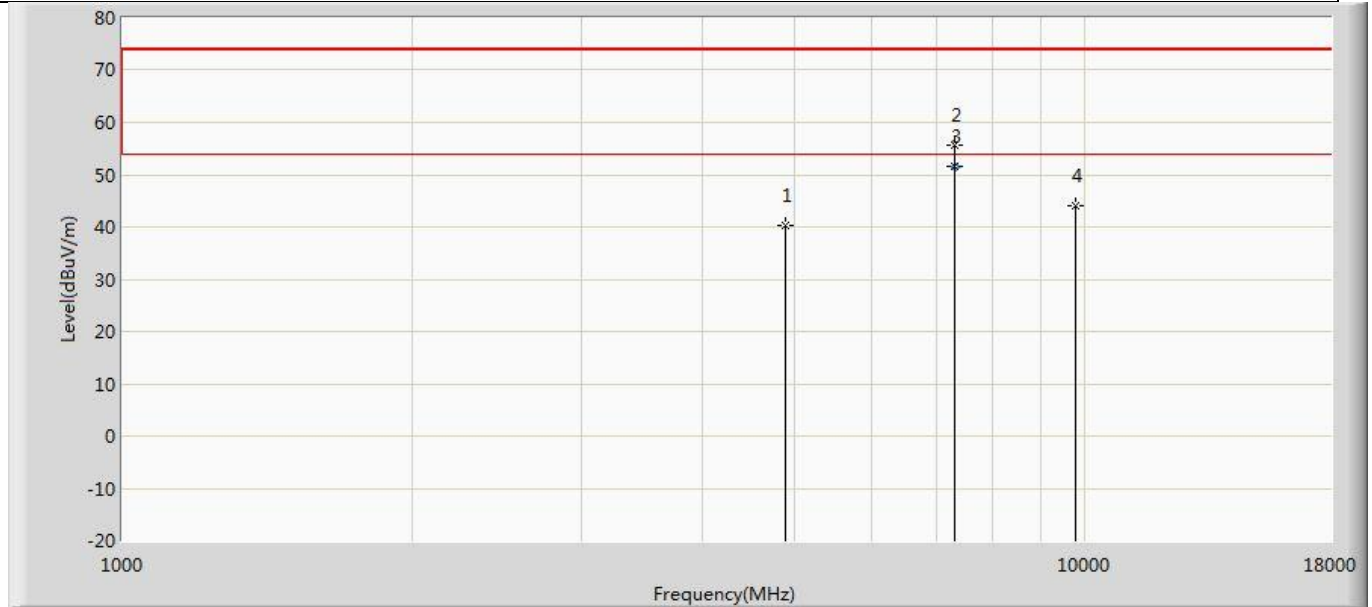
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	40.147	34.431	-33.853	74.000	5.716	PK
2		7206.000	55.147	46.024	-18.853	74.000	9.123	PK
3	*	7206.000	51.034	41.911	-2.966	54.000	9.123	AV
4		9608.000	42.347	31.110	-31.653	74.000	11.238	PK

Profile: 20C0209R	Page No.: 39
Engineer: Yu	
Site: AC5	Time: 2021/01/06 - 00:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2440MHz	



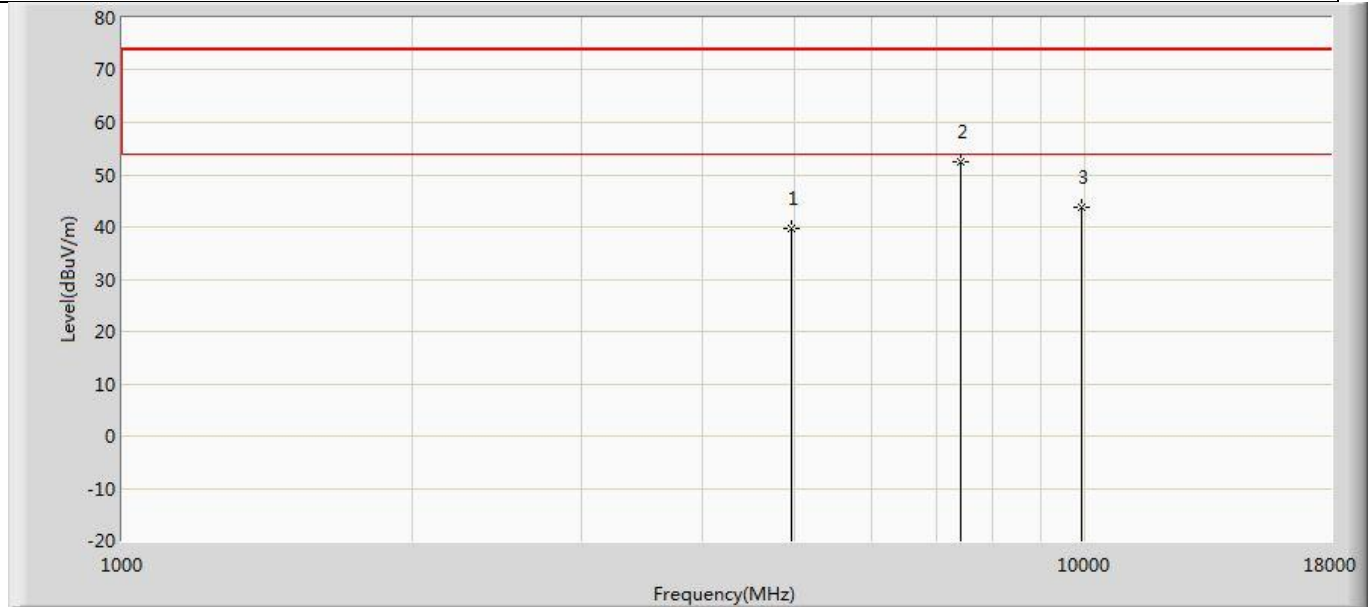
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	40.124	34.333	-33.876	74.000	5.790	PK
2	*	7320.000	52.754	43.493	-21.246	74.000	9.261	PK
3		9760.000	44.157	32.094	-29.843	74.000	12.063	PK

Profile: 20C0209R	Page No.: 40
Engineer: Yu	
Site: AC5	Time: 2021/01/06 - 00:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2440MHz	



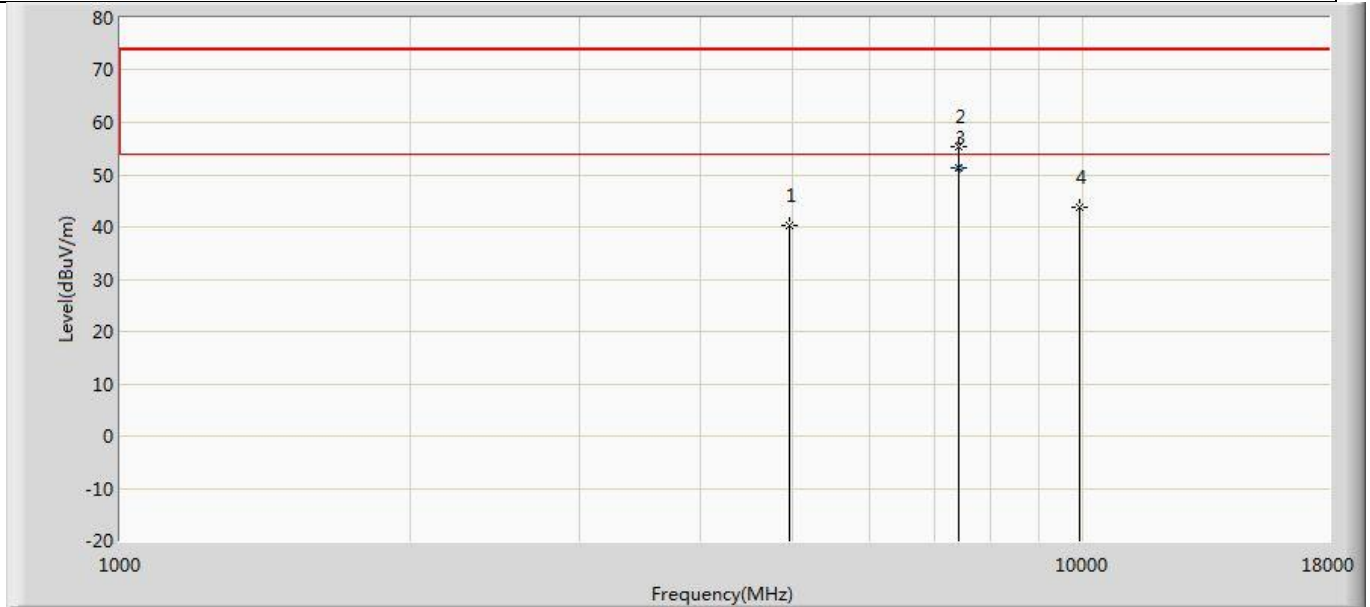
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	40.428	34.637	-33.572	74.000	5.790	PK
2		7320.000	55.647	46.386	-18.353	74.000	9.261	PK
3	*	7320.000	51.648	42.387	-2.352	54.000	9.261	AV
4		9760.000	43.974	31.911	-30.026	74.000	12.063	PK

Profile: 20C0209R	Page No.: 41
Engineer: Yu	
Site: AC5	Time: 2021/01/06 - 00:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2480MHz	



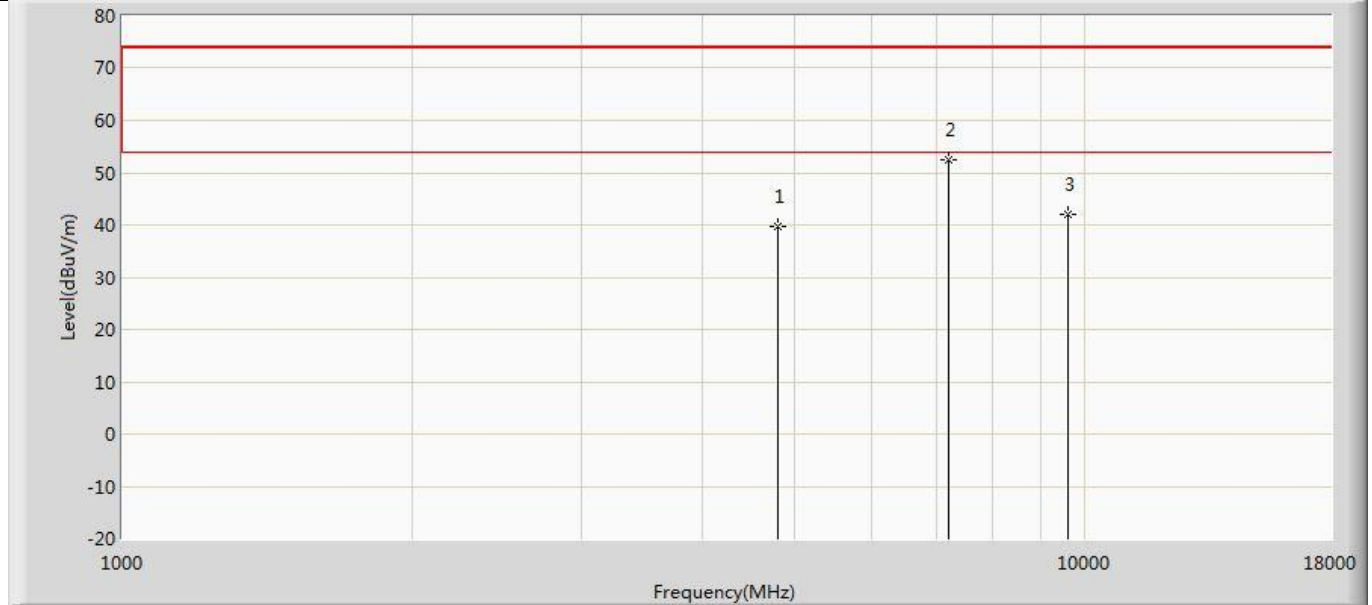
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	39.754	34.008	-34.246	74.000	5.745	PK
2	*	7440.000	52.451	43.000	-21.549	74.000	9.451	PK
3		9920.000	43.745	32.057	-30.255	74.000	11.688	PK

Profile: 20C0209R	Page No.: 42
Engineer: Yu	
Site: AC5	Time: 2021/01/06 - 00:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2480MHz	



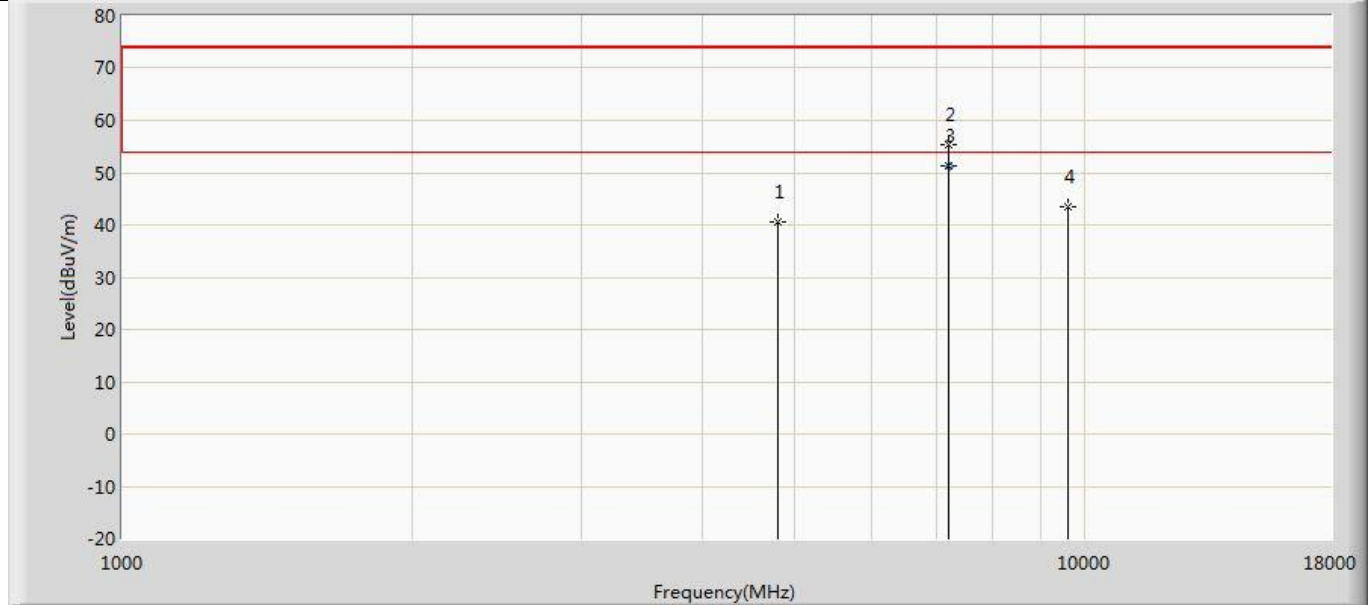
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	40.248	34.502	-33.752	74.000	5.745	PK
2		7440.000	55.485	46.034	-18.515	74.000	9.451	PK
3	*	7440.000	51.366	41.915	-2.634	54.000	9.451	AV
4		9920.000	43.647	31.959	-30.353	74.000	11.688	PK

Profile: 20C0209R	Page No.: 43
Engineer: Yu	
Site: AC5	Time: 2021/01/06 - 00:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2402MHz	



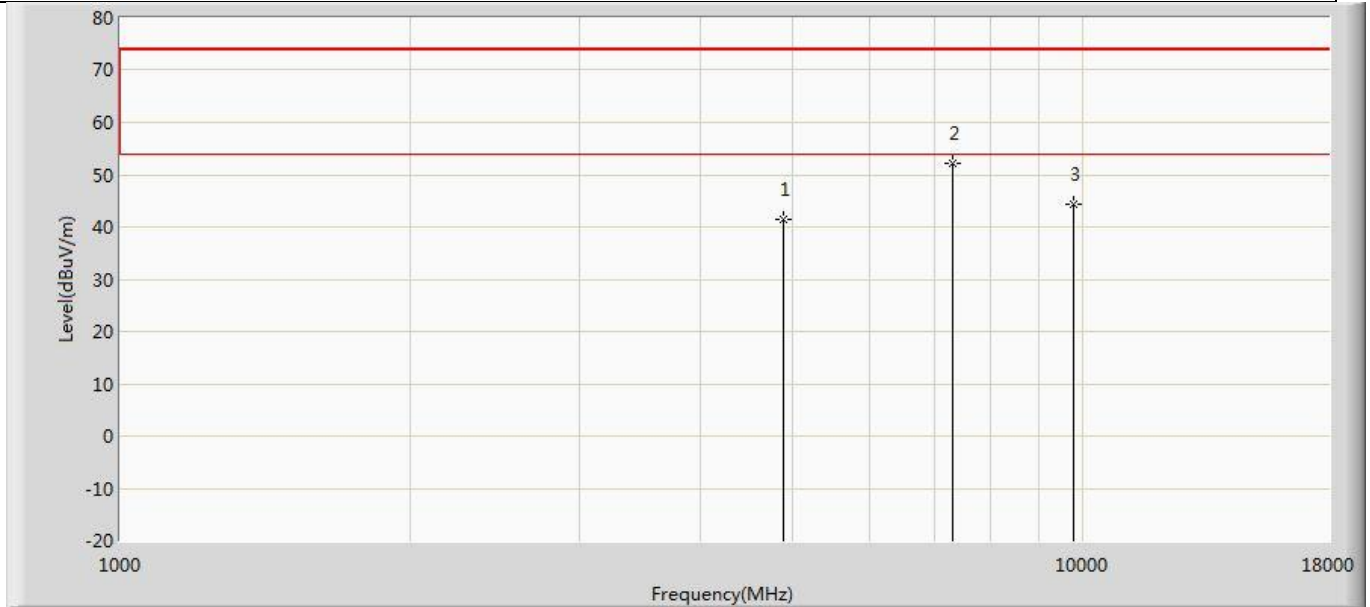
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	39.758	34.042	-34.242	74.000	5.716	PK
2	*	7206.000	52.452	43.329	-21.548	74.000	9.123	PK
3		9608.000	42.147	30.910	-31.853	74.000	11.238	PK

Profile: 20C0209R	Page No.: 44
Engineer: Yu	
Site: AC5	Time: 2021/01/06 - 00:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2402MHz	



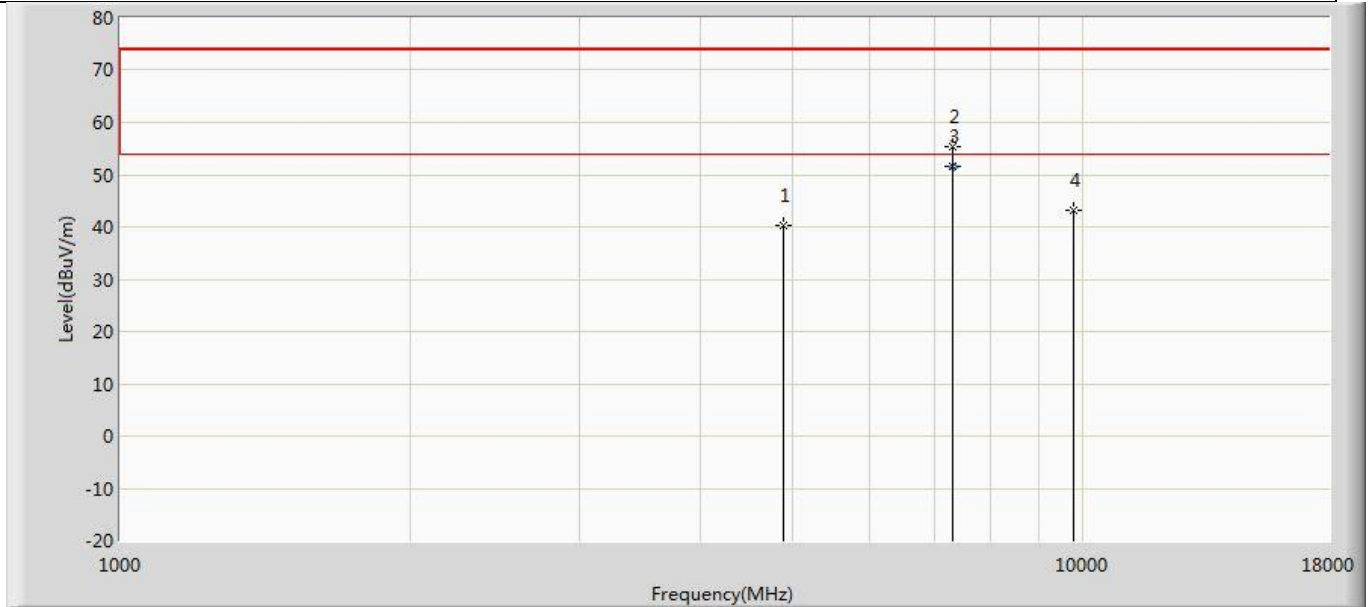
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	40.648	34.932	-33.352	74.000	5.716	PK
2		7206.000	55.364	46.241	-18.636	74.000	9.123	PK
3	*	7206.000	51.348	42.225	-2.652	54.000	9.123	AV
4		9608.000	43.487	32.250	-30.513	74.000	11.238	PK

Profile: 20C0209R	Page No.: 45
Engineer: Yu	
Site: AC5	Time: 2021/01/06 - 00:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2440MHz	



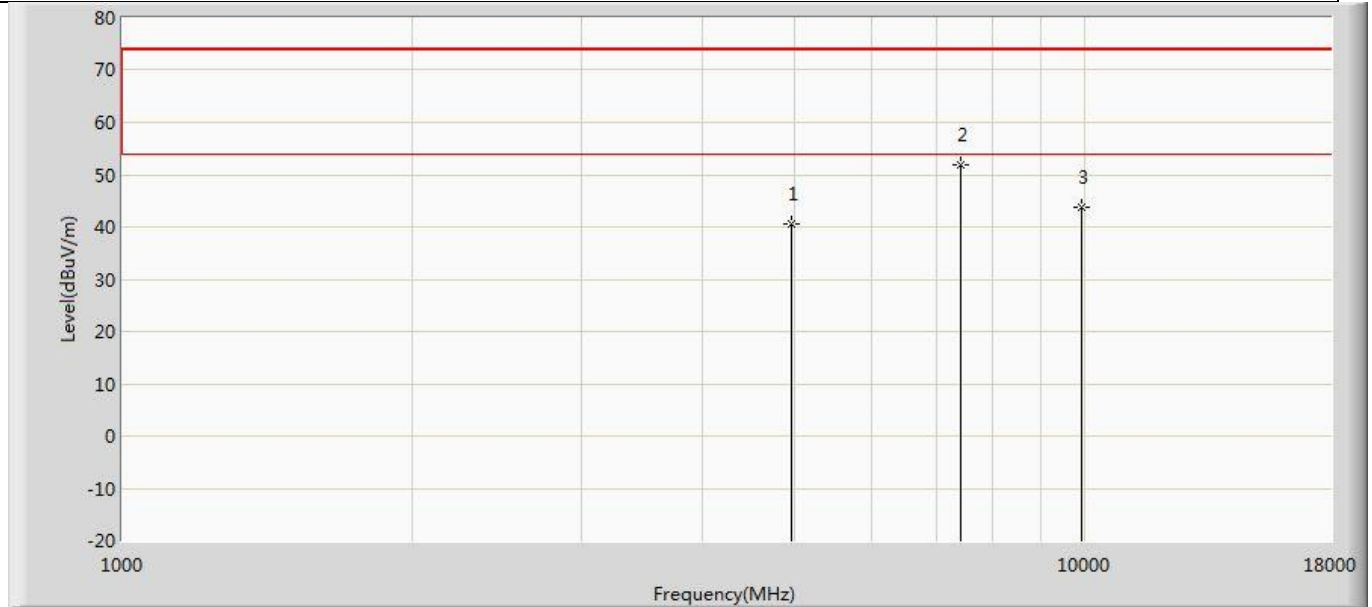
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	41.416	35.625	-32.584	74.000	5.790	PK
2	*	7320.000	52.145	42.884	-21.855	74.000	9.261	PK
3		9760.000	44.452	32.389	-29.548	74.000	12.063	PK

Profile: 20C0209R	Page No.: 46
Engineer: Yu	
Site: AC5	Time: 2021/01/06 - 00:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2440MHz	



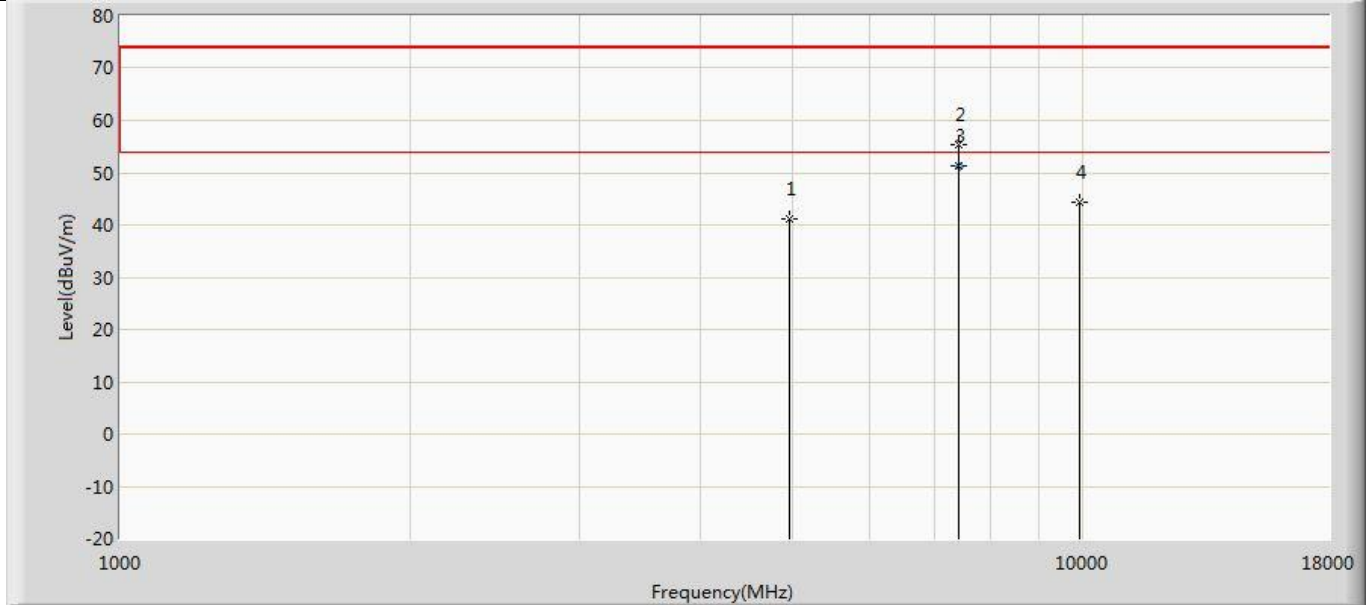
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	40.189	34.398	-33.811	74.000	5.790	PK
2		7320.000	55.347	46.086	-18.653	74.000	9.261	PK
3	*	7320.000	51.649	42.388	-2.351	54.000	9.261	AV
4		9760.000	43.318	31.255	-30.682	74.000	12.063	PK

Profile: 20C0209R	Page No.: 47
Engineer: Yu	
Site: AC5	Time: 2021/01/06 - 00:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2480MHz	



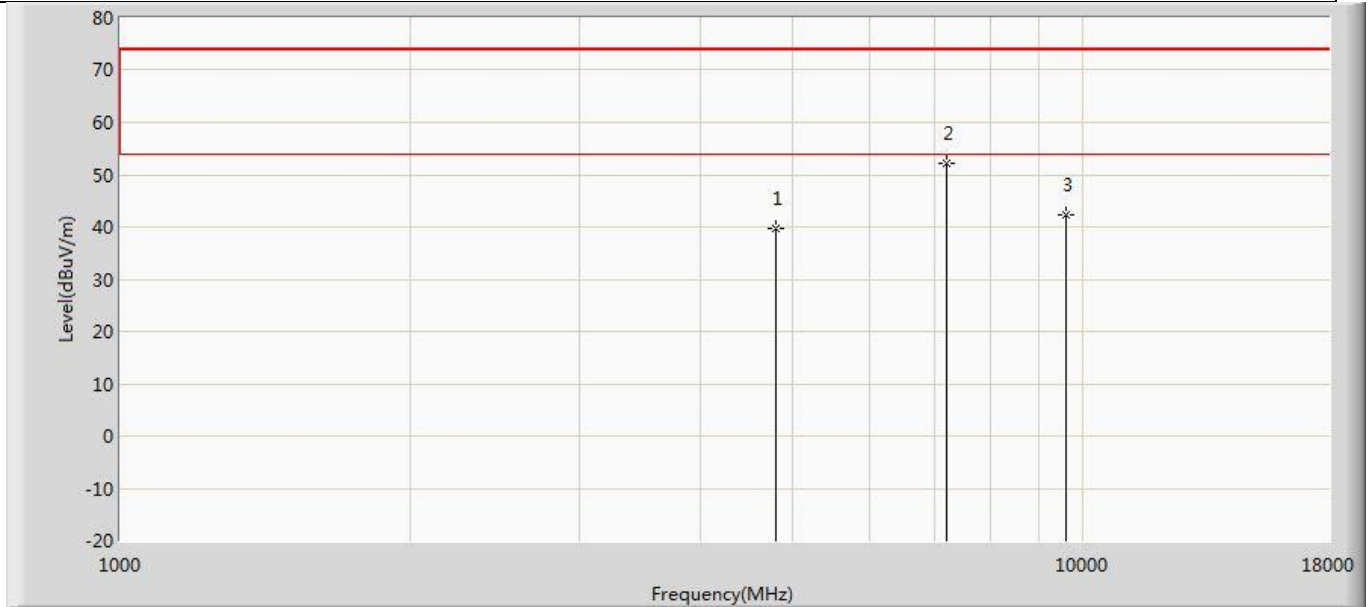
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	40.587	35.667	-33.413	74.000	4.920	PK
2	*	7440.000	51.903	42.452	-22.097	74.000	9.451	PK
3		9920.000	43.745	32.057	-30.255	74.000	11.688	PK

Profile: 20C0209R	Page No.: 48
Engineer: Yu	
Site: AC5	Time: 2021/01/06 - 00:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2480MHz	



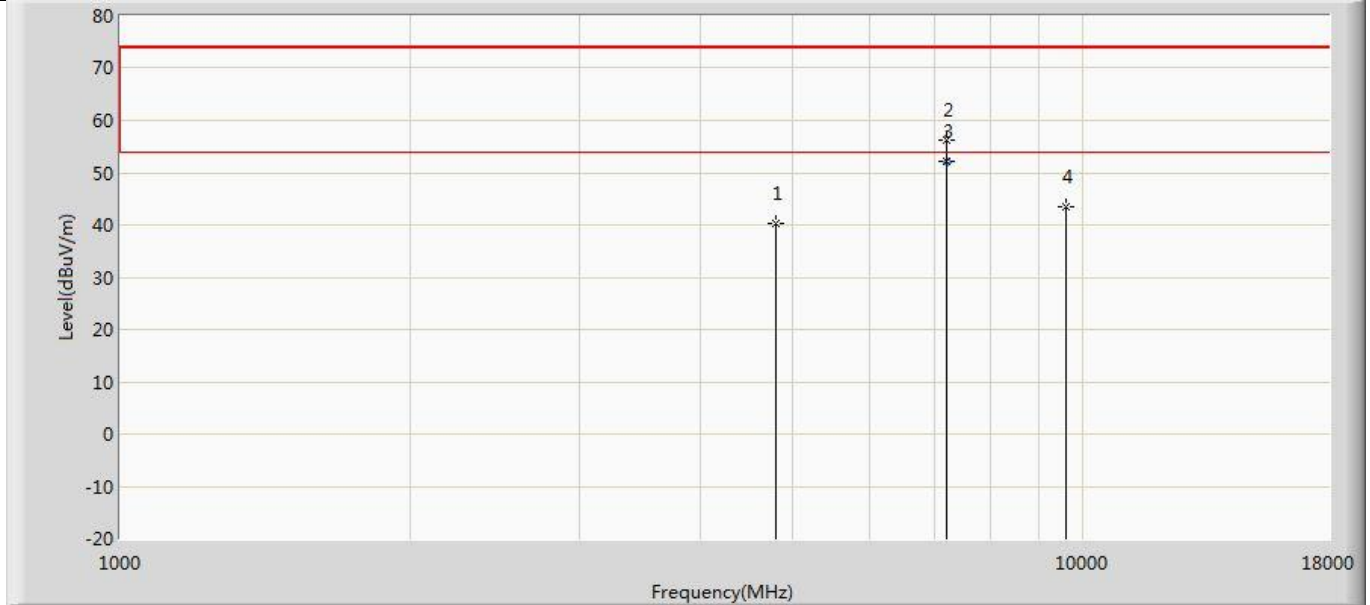
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	41.174	35.428	-32.826	74.000	5.745	PK
2		7440.000	55.347	45.896	-18.653	74.000	9.451	PK
3	*	7440.000	51.346	41.895	-2.654	54.000	9.451	AV
4		9920.000	44.316	32.628	-29.684	74.000	11.688	PK

Profile: 20C0209R	Page No.: 49
Engineer: Yu	
Site: AC5	Time: 2021/01/06 - 00:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2402MHz	



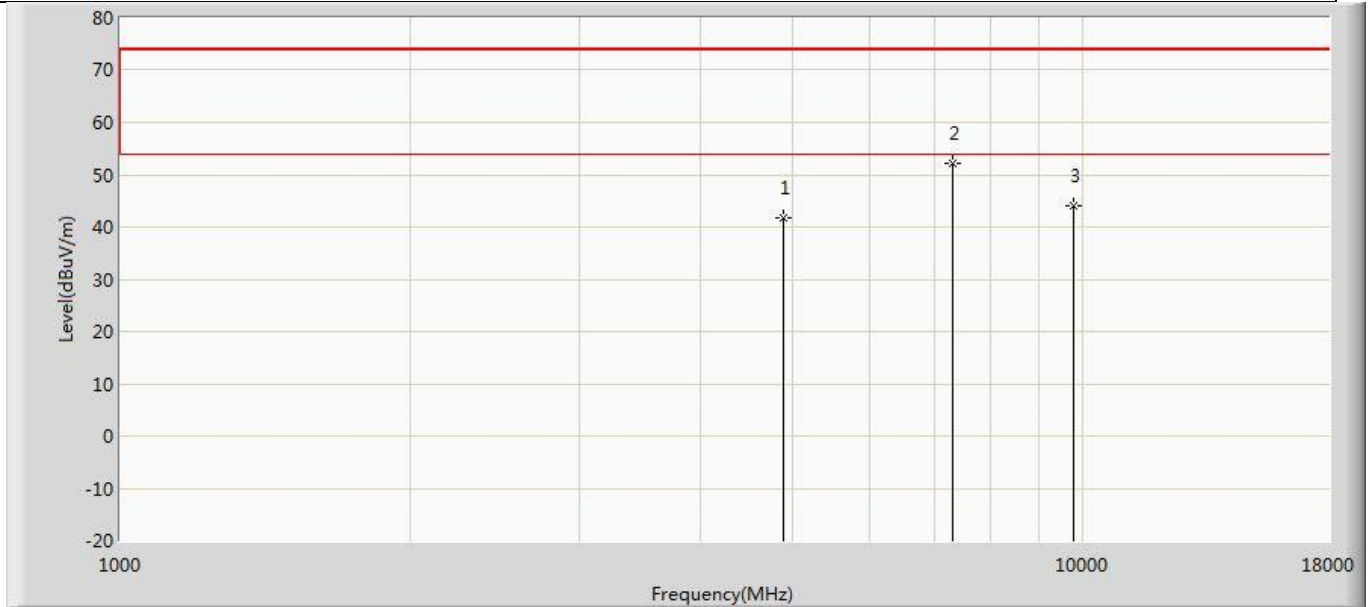
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	39.845	34.129	-34.155	74.000	5.716	PK
2	*	7206.000	52.145	43.022	-21.855	74.000	9.123	PK
3		9608.000	42.452	31.215	-31.548	74.000	11.238	PK

Profile: 20C0209R	Page No.: 50
Engineer: Yu	
Site: AC5	Time: 2021/01/06 - 00:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2402MHz	



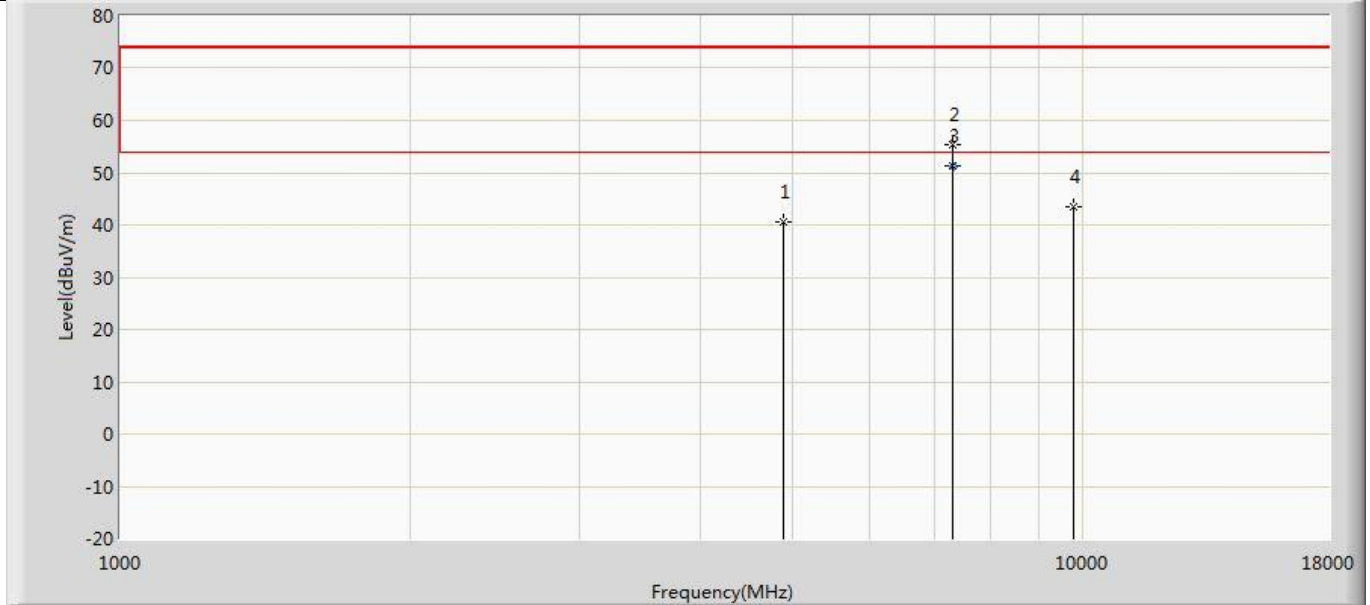
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	40.164	34.448	-33.836	74.000	5.716	PK
2		7206.000	56.164	47.041	-17.836	74.000	9.123	PK
3	*	7206.000	52.165	43.042	-1.835	54.000	9.123	AV
4		9608.000	43.518	32.281	-30.482	74.000	11.238	PK

Profile: 20C0209R	Page No.: 51
Engineer: Yu	
Site: AC5	Time: 2021/01/06 - 00:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2440MHz	



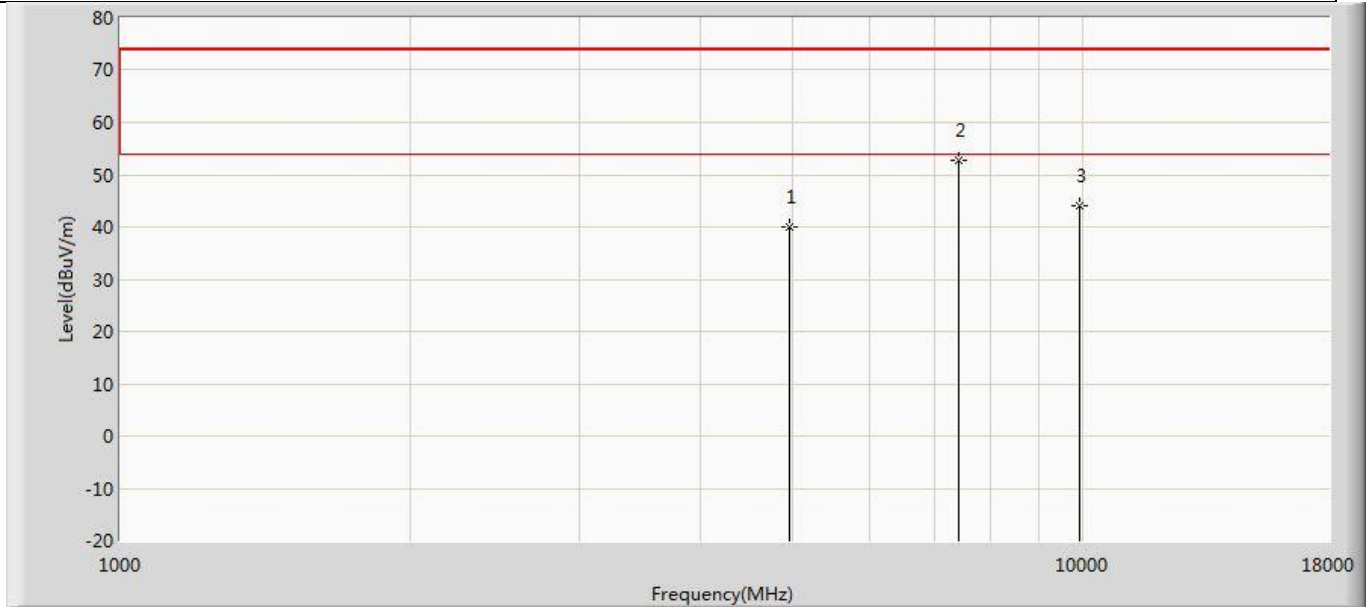
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	41.852	36.061	-32.148	74.000	5.790	PK
2	*	7320.000	52.136	42.875	-21.864	74.000	9.261	PK
3		9760.000	44.124	32.061	-29.876	74.000	12.063	PK

Profile: 20C0209R	Page No.: 52
Engineer: Yu	
Site: AC5	Time: 2021/01/06 - 00:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2440MHz	



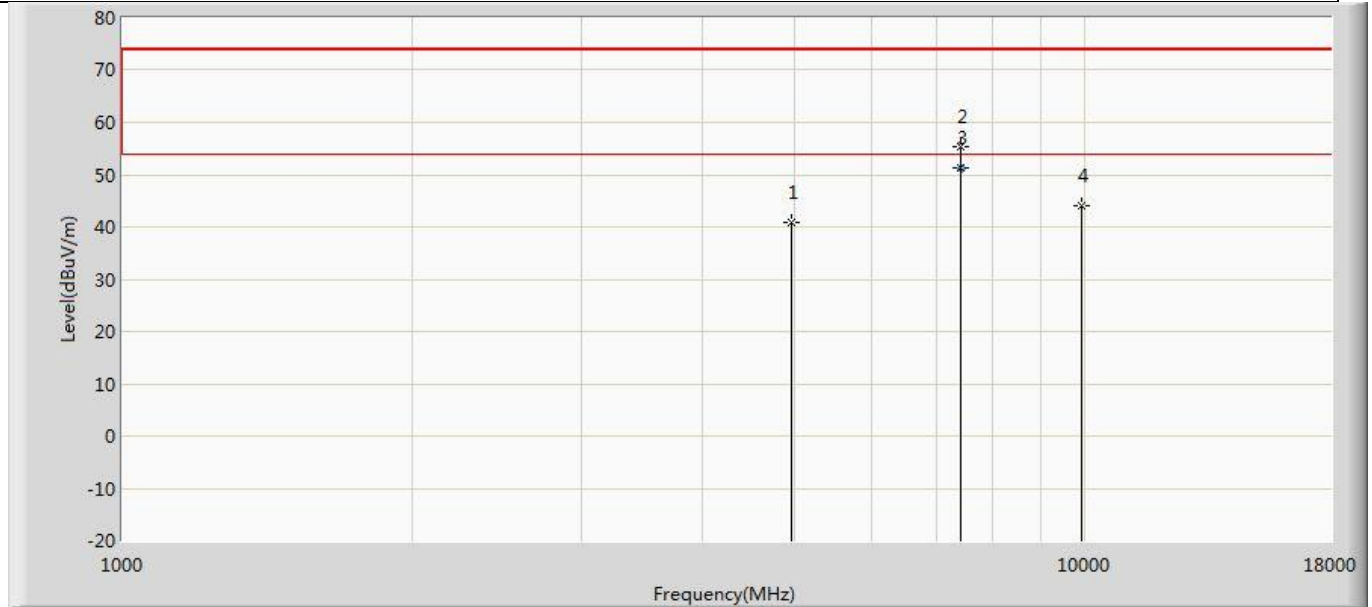
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	40.648	34.857	-33.352	74.000	5.790	PK
2		7320.000	55.349	46.088	-18.651	74.000	9.261	PK
3	*	7320.000	51.347	42.086	-2.653	54.000	9.261	AV
4		9760.000	43.347	31.284	-30.653	74.000	12.063	PK

Profile: 20C0209R	Page No.: 53
Engineer: Yu	
Site: AC5	Time: 2021/01/06 - 00:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2480MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	40.124	34.378	-33.876	74.000	5.745	PK
2	*	7440.000	52.634	43.183	-21.366	74.000	9.451	PK
3		9920.000	44.133	32.445	-29.867	74.000	11.688	PK

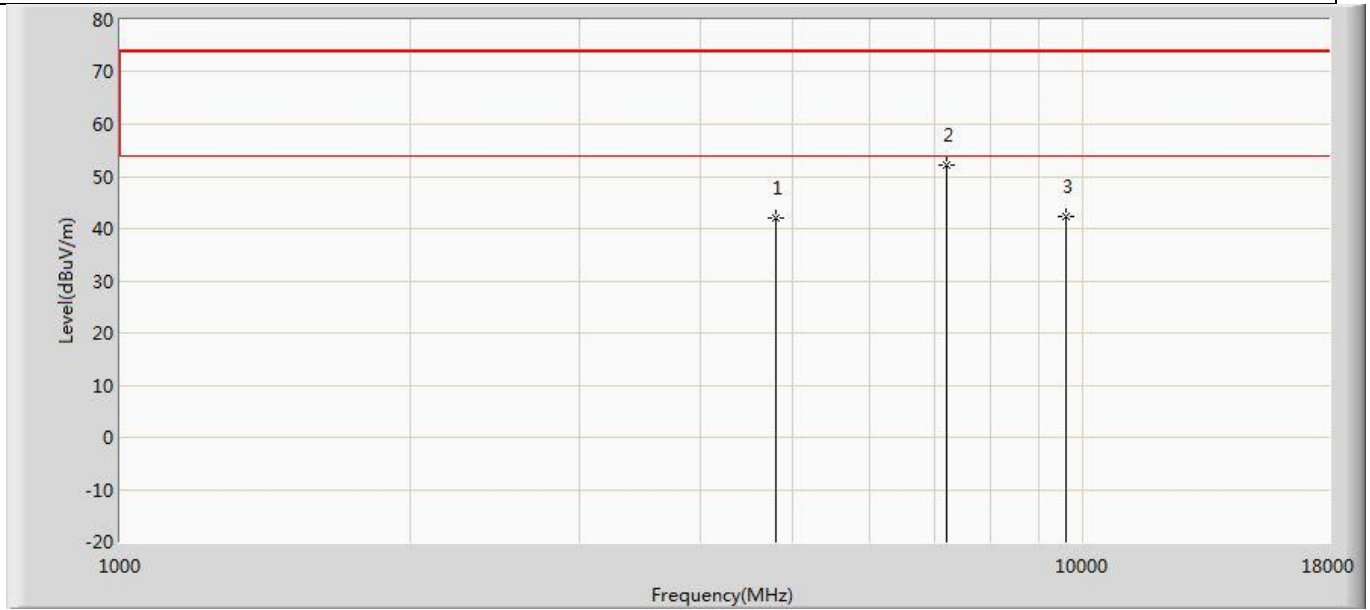
Profile: 20C0209R	Page No.: 54
Engineer: Yu	
Site: AC5	Time: 2021/01/06 - 00:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2480MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	40.962	35.216	-33.038	74.000	5.745	PK
2		7440.000	55.346	45.895	-18.654	74.000	9.451	PK
3	*	7440.000	51.356	41.905	-2.644	54.000	9.451	AV
4		9920.000	44.164	32.476	-29.836	74.000	11.688	PK

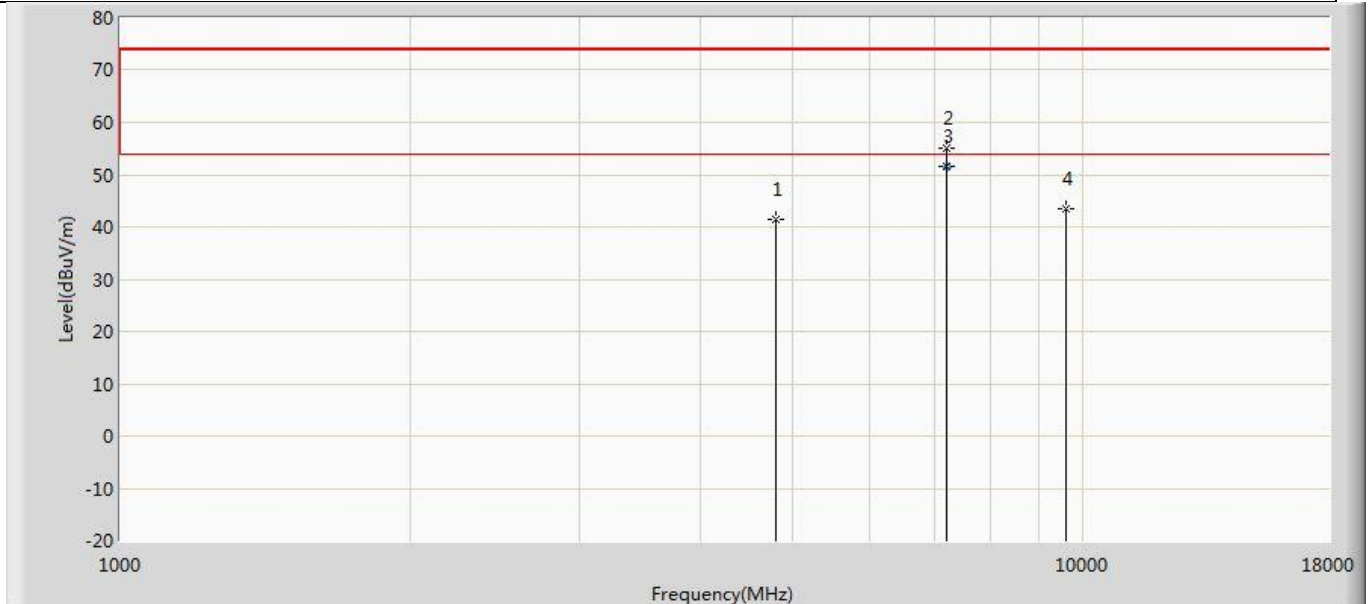
Crystal oscillator #2:

Profile: 20C0209R	Page No.: 31
Engineer: Yingfei	
Site: AC5	Time: 2021/01/06 - 01:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 1: Transmit at 2402MHz	



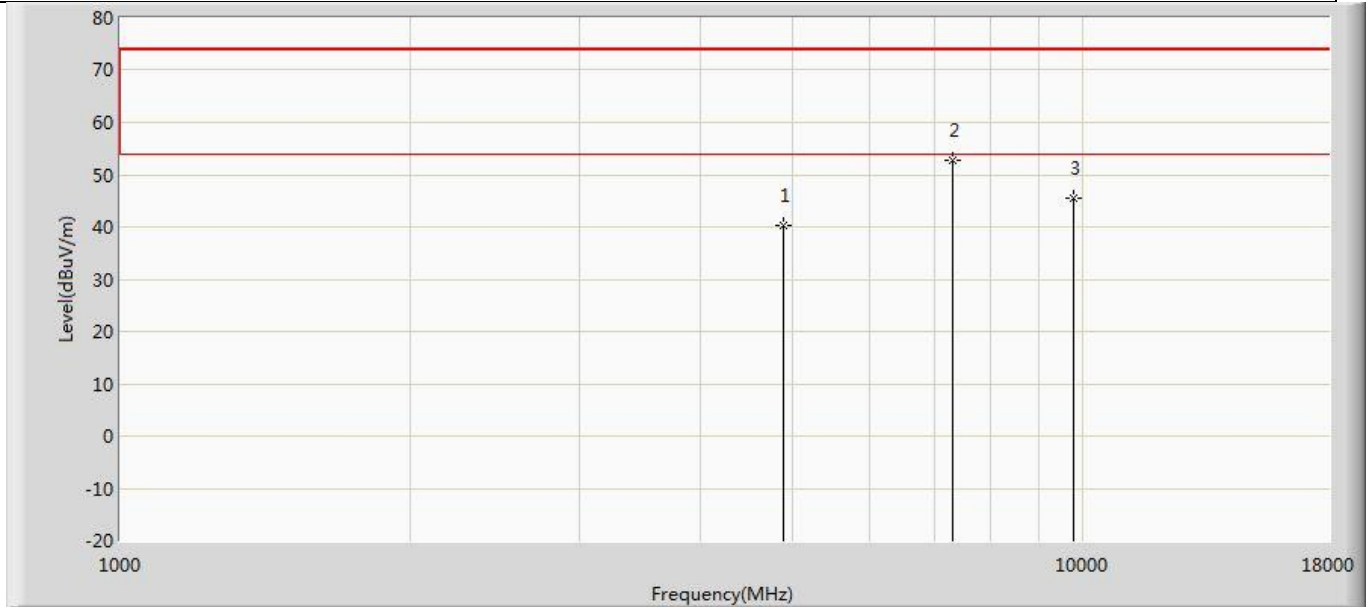
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	42.164	36.448	-31.836	74.000	5.716	PK
2	*	7206.000	52.245	43.122	-21.755	74.000	9.123	PK
3		9608.000	42.346	31.109	-31.654	74.000	11.238	PK

Profile: 20C0209R	Page No.: 32
Engineer: Yingfei	
Site: AC5	Time: 2021/01/06 - 01:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2402MHz	



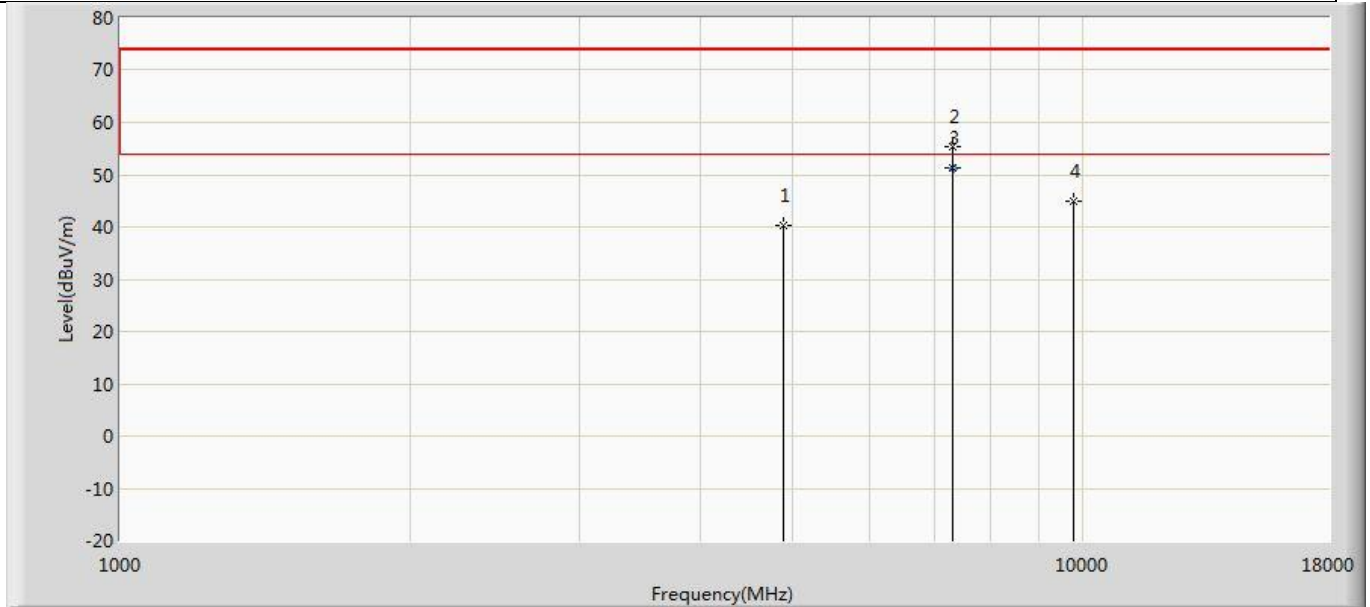
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	41.346	35.630	-32.654	74.000	5.716	PK
2		7206.000	55.167	46.044	-18.833	74.000	9.123	PK
3	*	7206.000	51.621	42.498	-2.379	54.000	9.123	AV
4		9608.000	43.395	32.158	-30.605	74.000	11.238	PK

Profile: 20C0209R	Page No.: 33
Engineer: Yingfei	
Site: AC5	Time: 2021/01/06 - 01:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2440MHz	



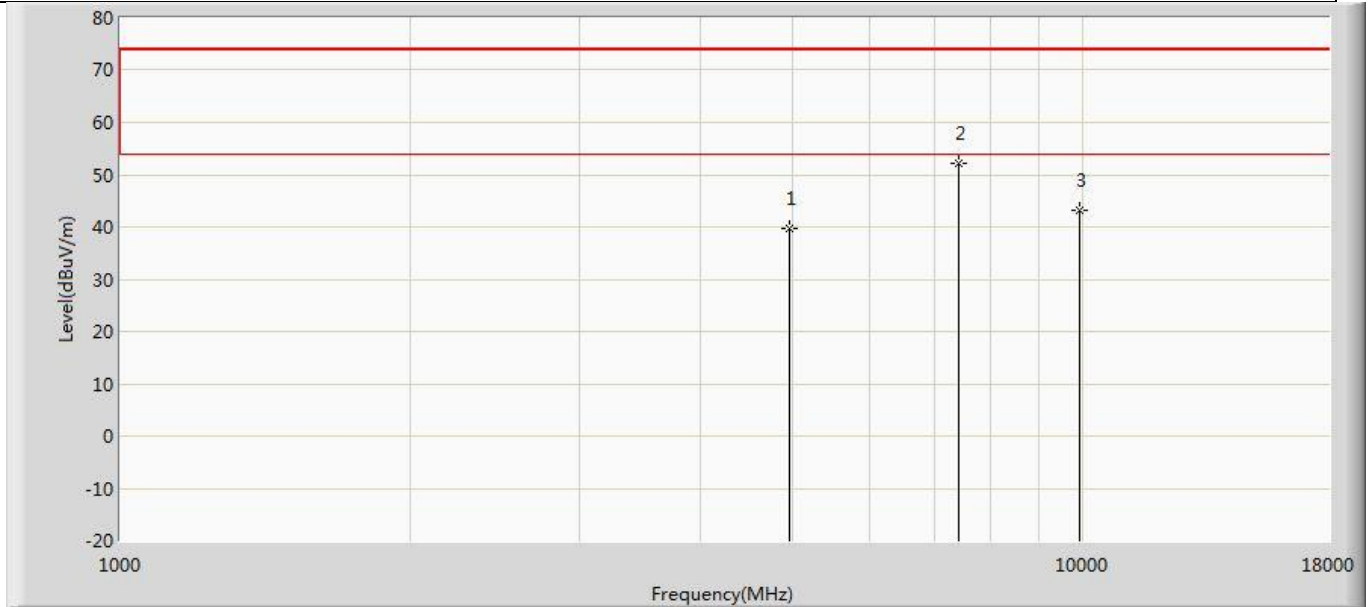
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	40.365	34.574	-33.635	74.000	5.790	PK
2	*	7320.000	52.619	43.358	-21.381	74.000	9.261	PK
3		9760.000	45.648	33.585	-28.352	74.000	12.063	PK

Profile: 20C0209R	Page No.: 34
Engineer: Yingfei	
Site: AC5	Time: 2021/01/06 - 01:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2440MHz	



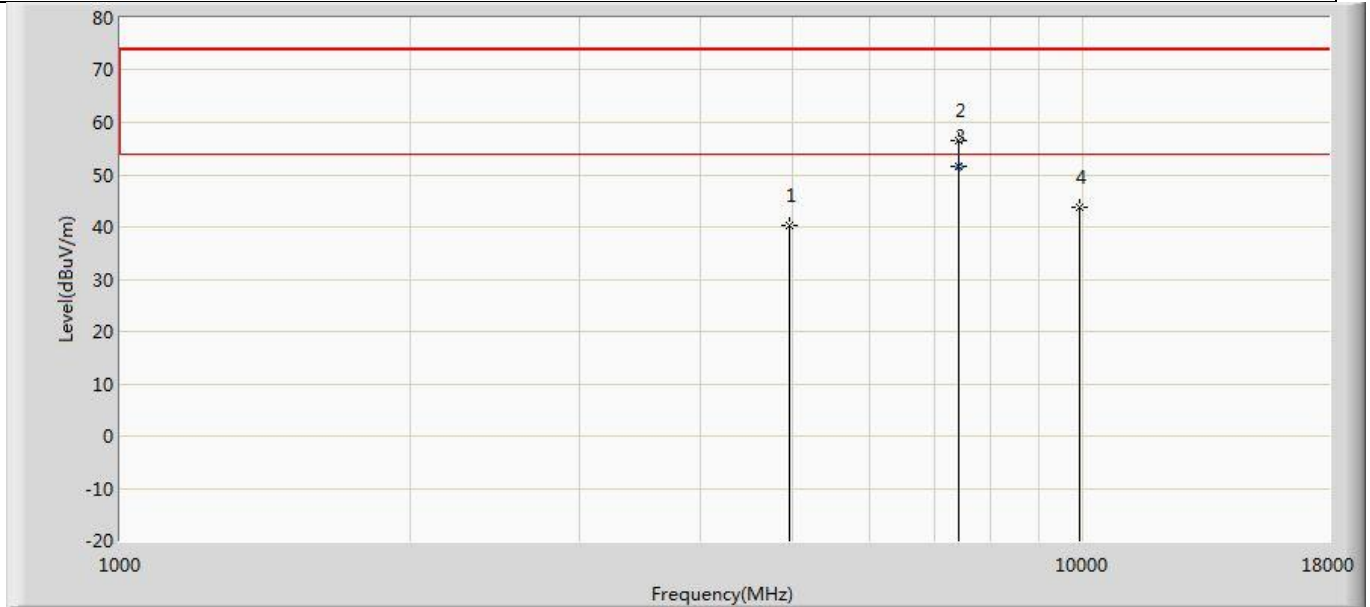
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	40.234	34.443	-33.766	74.000	5.790	PK
2		7320.000	55.348	46.087	-18.652	74.000	9.261	PK
3	*	7320.000	51.336	42.075	-2.664	54.000	9.261	AV
4		9760.000	44.954	32.891	-29.046	74.000	12.063	PK

Profile: 20C0209R	Page No.: 35
Engineer: Yingfei	
Site: AC5	Time: 2021/01/06 - 01:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2480MHz	



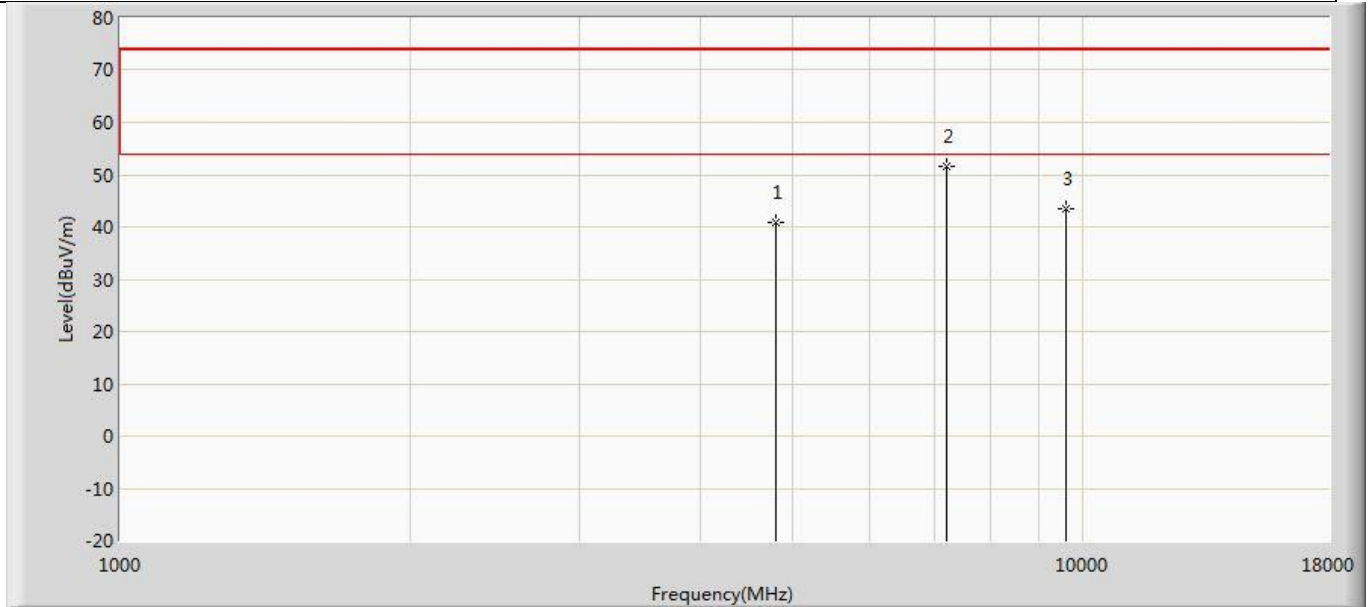
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	39.746	34.000	-34.254	74.000	5.745	PK
2	*	7440.000	52.149	42.698	-21.851	74.000	9.451	PK
3		9920.000	43.318	31.630	-30.682	74.000	11.688	PK

Profile: 20C0209R	Page No.: 36
Engineer: Yingfei	
Site: AC5	Time: 2021/01/06 - 01:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2480MHz	



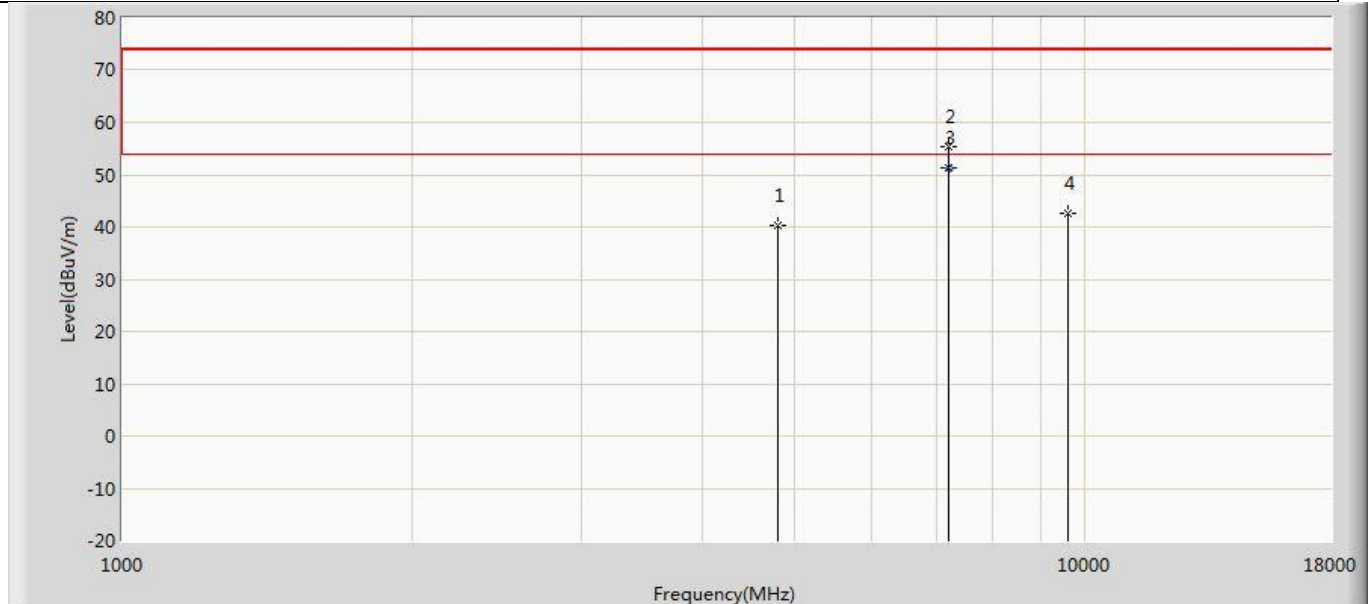
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	40.167	34.421	-33.833	74.000	5.745	PK
2		7440.000	56.547	47.096	-17.453	74.000	9.451	PK
3	*	7440.000	51.476	42.025	-2.524	54.000	9.451	AV
4		9920.000	43.628	31.940	-30.372	74.000	11.688	PK

Profile: 20C0209R	Page No.: 37
Engineer: Yingfei	
Site: AC5	Time: 2021/01/06 - 01:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2402MHz	



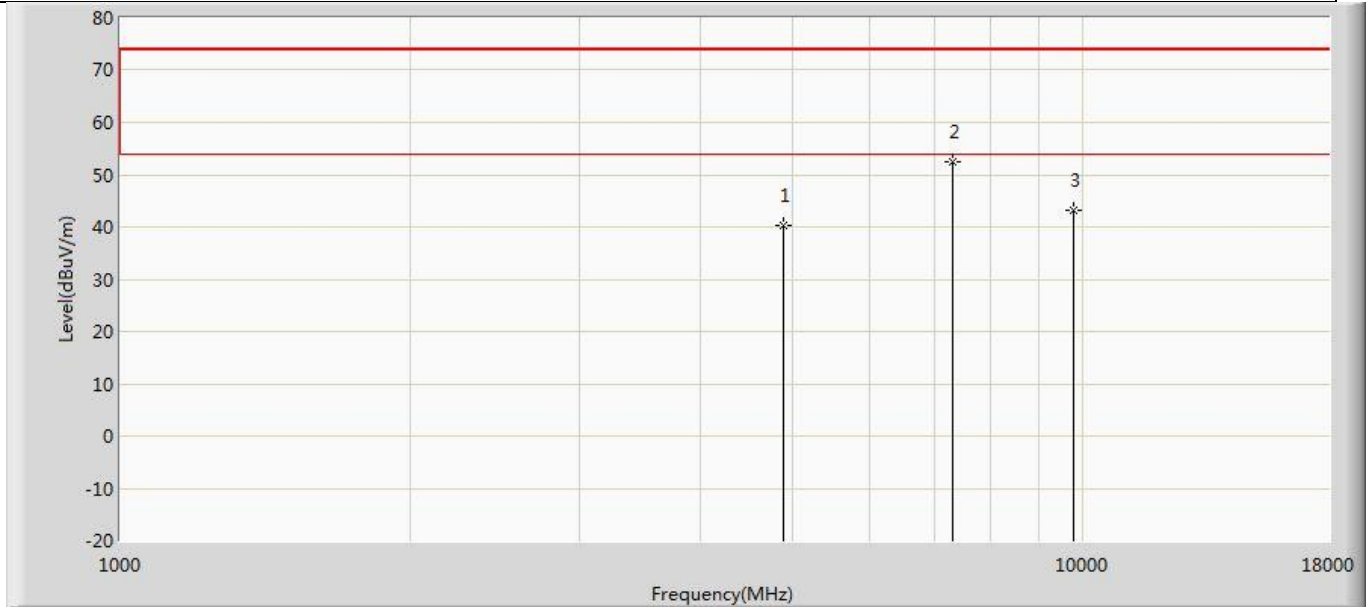
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	40.913	35.197	-33.087	74.000	5.716	PK
2	*	7206.000	51.648	42.525	-22.352	74.000	9.123	PK
3		9608.000	43.415	32.178	-30.585	74.000	11.238	PK

Profile: 20C0209R	Page No.: 38
Engineer: Yingfei	
Site: AC5	Time: 2021/01/06 - 01:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2402MHz	



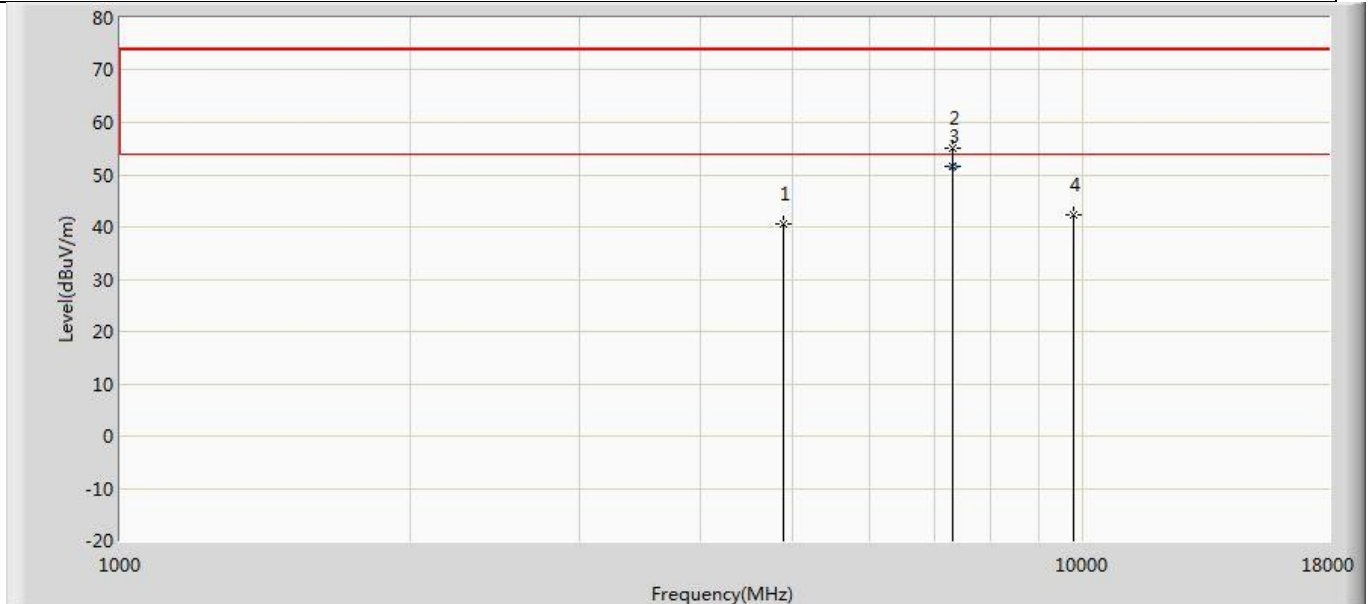
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	40.346	34.630	-33.654	74.000	5.716	PK
2		7206.000	55.348	46.225	-18.652	74.000	9.123	PK
3	*	7206.000	51.185	42.062	-2.815	54.000	9.123	AV
4		9608.000	42.615	31.378	-31.385	74.000	11.238	PK

Profile: 20C0209R	Page No.: 39
Engineer: Yingfei	
Site: AC5	Time: 2021/01/06 - 01:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2440MHz	



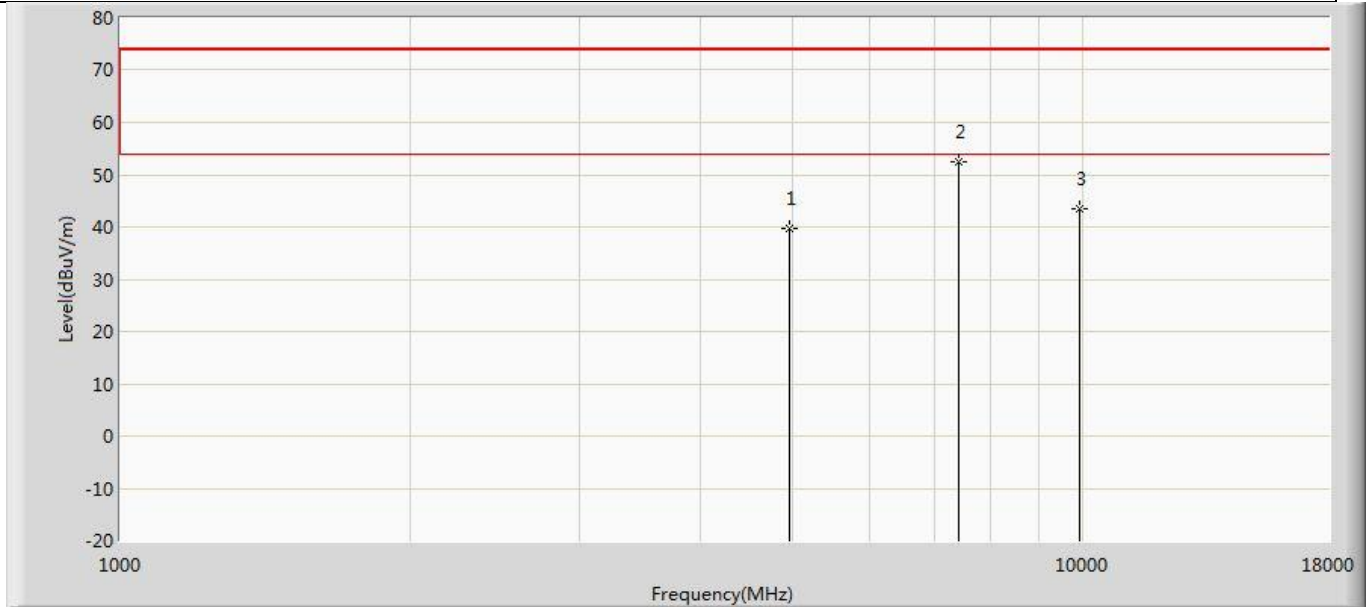
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	40.348	34.557	-33.652	74.000	5.790	PK
2	*	7320.000	52.346	43.085	-21.654	74.000	9.261	PK
3		9760.000	43.164	31.101	-30.836	74.000	12.063	PK

Profile: 20C0209R	Page No.: 40
Engineer: Yingfei	
Site: AC5	Time: 2021/01/06 - 01:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2440MHz	



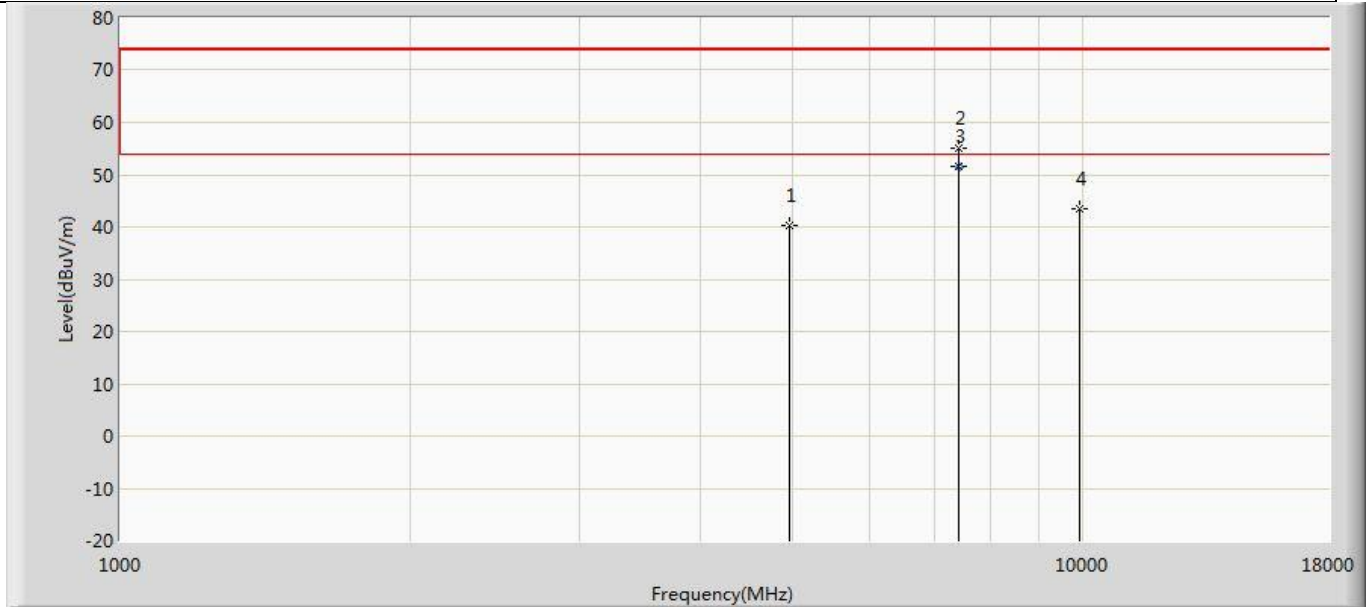
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	40.549	34.758	-33.451	74.000	5.790	PK
2		7320.000	55.118	45.857	-18.882	74.000	9.261	PK
3	*	7320.000	51.678	42.417	-2.322	54.000	9.261	AV
4		9760.000	42.365	30.302	-31.635	74.000	12.063	PK

Profile: 20C0209R	Page No.: 41
Engineer: Yingfei	
Site: AC5	Time: 2021/01/06 - 01:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2480MHz	



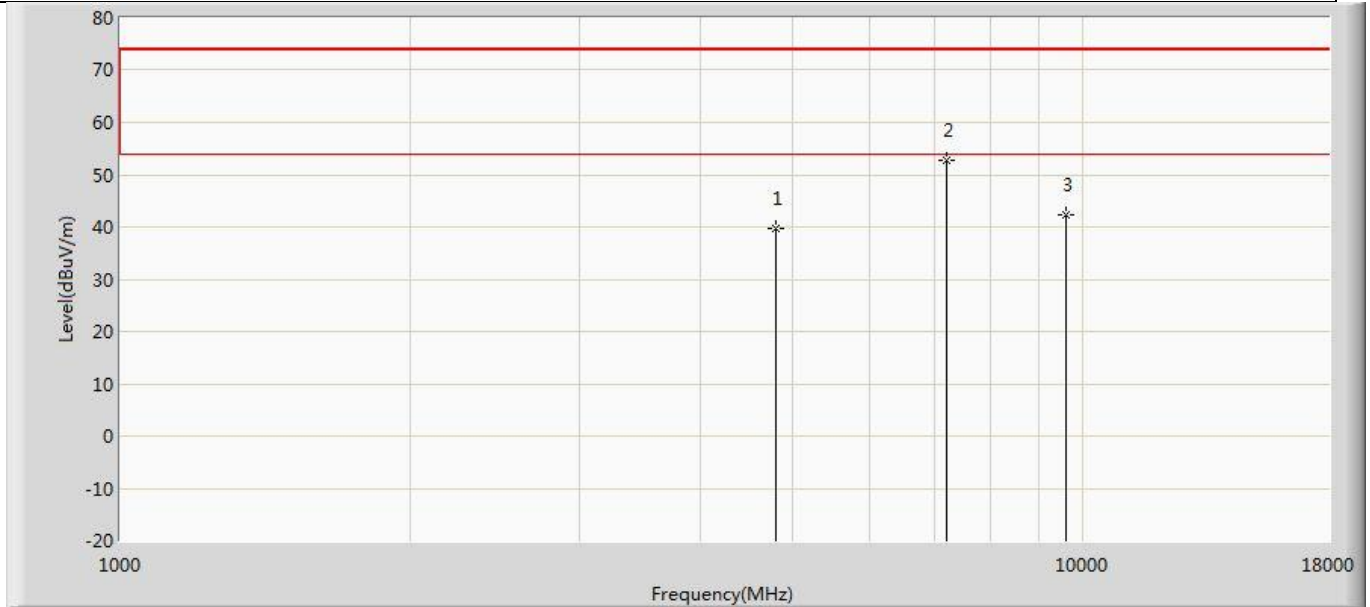
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	39.614	33.868	-34.386	74.000	5.745	PK
2	*	7440.000	52.346	42.895	-21.654	74.000	9.451	PK
3		9920.000	43.529	31.841	-30.471	74.000	11.688	PK

Profile: 20C0209R	Page No.: 42
Engineer: Yingfei	
Site: AC5	Time: 2021/01/06 - 01:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2480MHz	



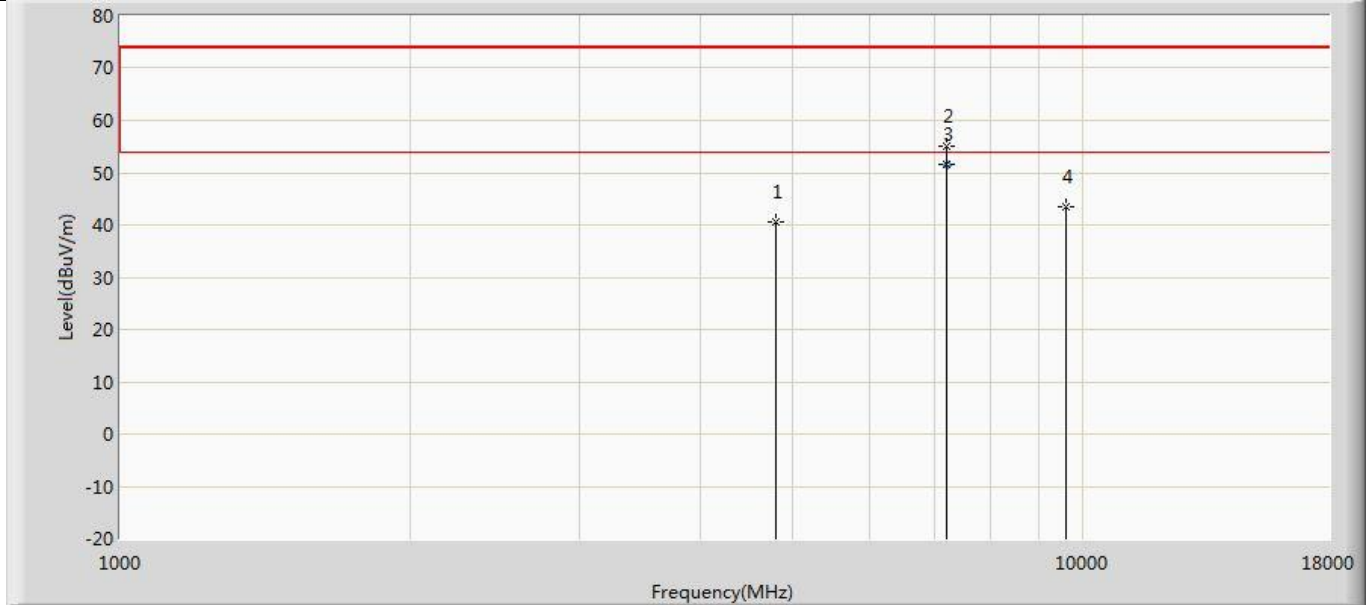
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	40.339	34.593	-33.661	74.000	5.745	PK
2		7440.000	55.167	45.716	-18.833	74.000	9.451	PK
3	*	7440.000	51.628	42.177	-2.372	54.000	9.451	AV
4		9920.000	43.519	31.831	-30.481	74.000	11.688	PK

Profile: 20C0209R	Page No.: 43
Engineer: Yingfei	
Site: AC5	Time: 2021/01/06 - 01:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2402MHz	



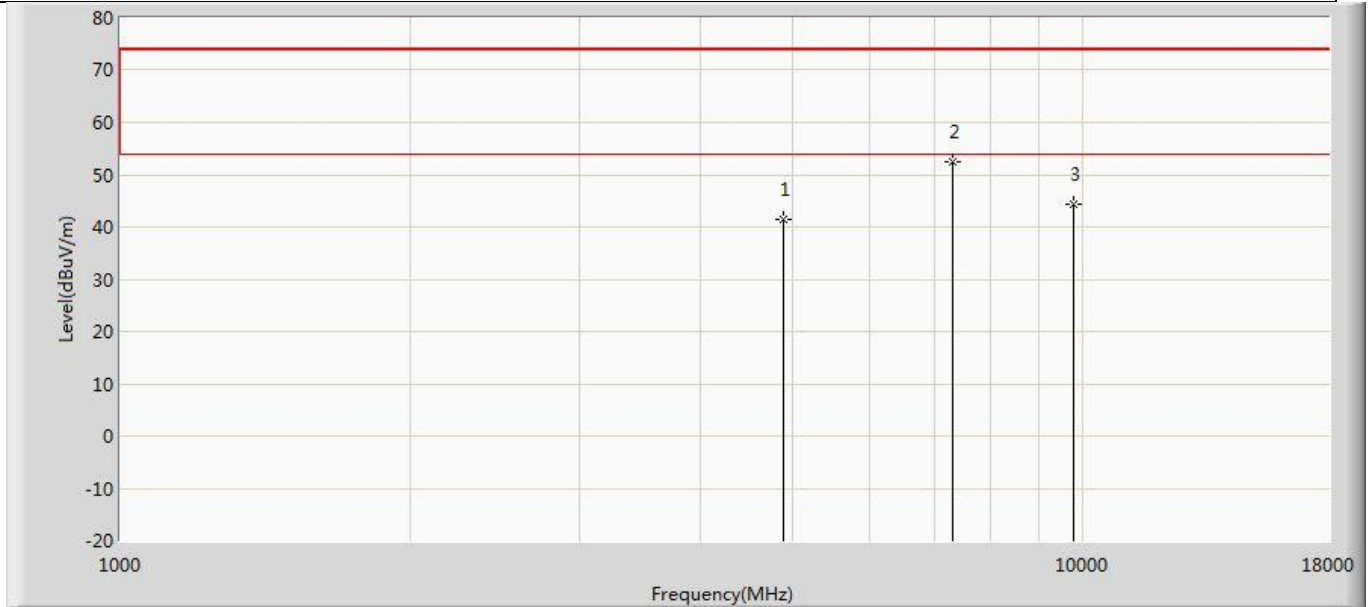
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	39.634	33.918	-34.366	74.000	5.716	PK
2	*	7206.000	52.618	43.495	-21.382	74.000	9.123	PK
3		9608.000	42.346	31.109	-31.654	74.000	11.238	PK

Profile: 20C0209R	Page No.: 44
Engineer: Yingfei	
Site: AC5	Time: 2021/01/06 - 01:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2402MHz	



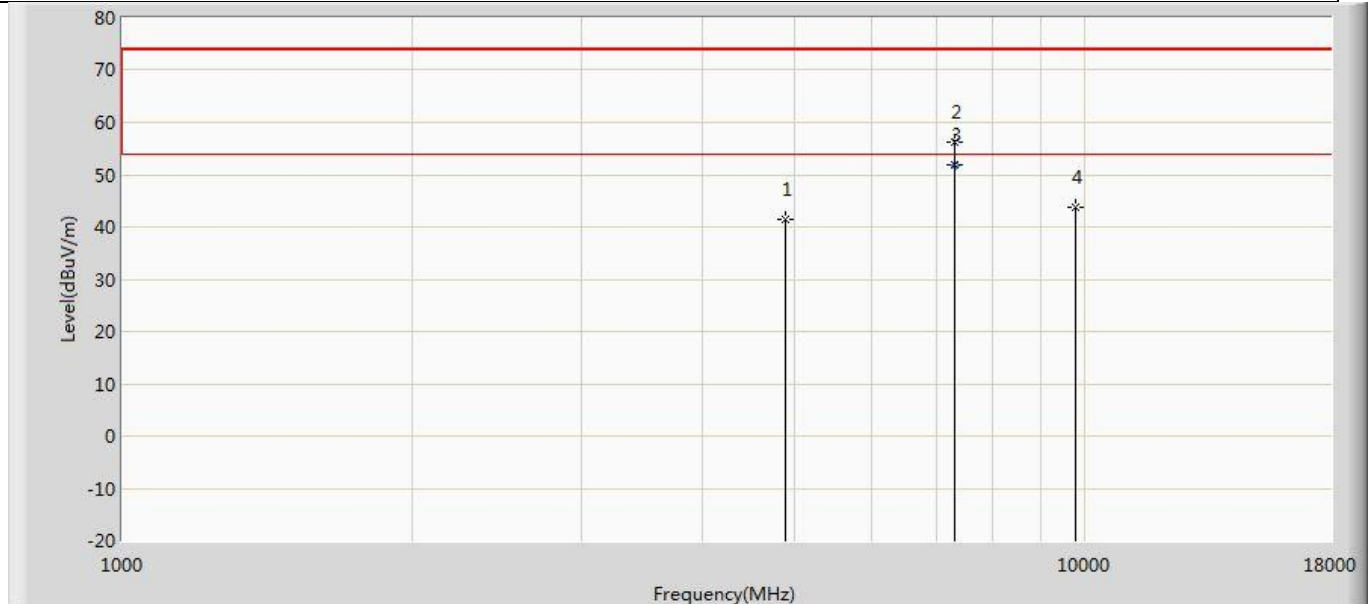
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	40.528	34.812	-33.472	74.000	5.716	PK
2		7206.000	55.164	46.041	-18.836	74.000	9.123	PK
3	*	7206.000	51.659	42.536	-2.341	54.000	9.123	AV
4		9608.000	43.346	32.109	-30.654	74.000	11.238	PK

Profile: 20C0209R	Page No.: 45
Engineer: Yingfei	
Site: AC5	Time: 2021/01/06 - 01:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2440MHz	



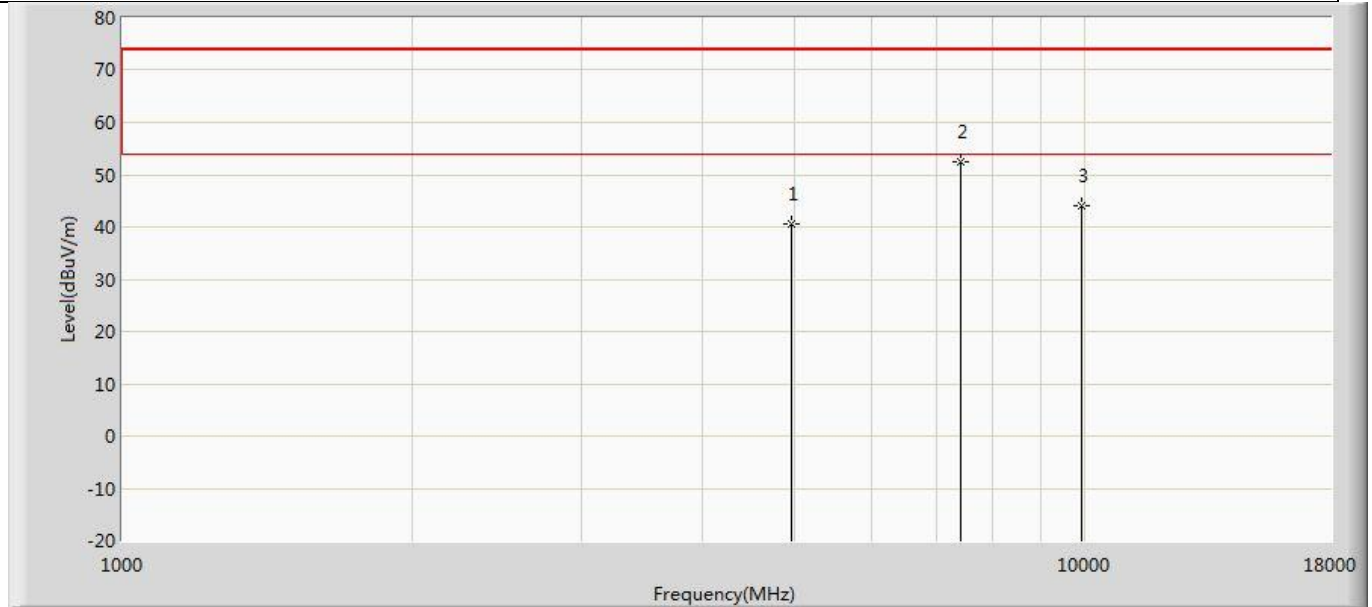
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	41.534	35.743	-32.466	74.000	5.790	PK
2	*	7320.000	52.346	43.085	-21.654	74.000	9.261	PK
3		9760.000	44.348	32.285	-29.652	74.000	12.063	PK

Profile: 20C0209R	Page No.: 46
Engineer: Yingfei	
Site: AC5	Time: 2021/01/06 - 01:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2440MHz	



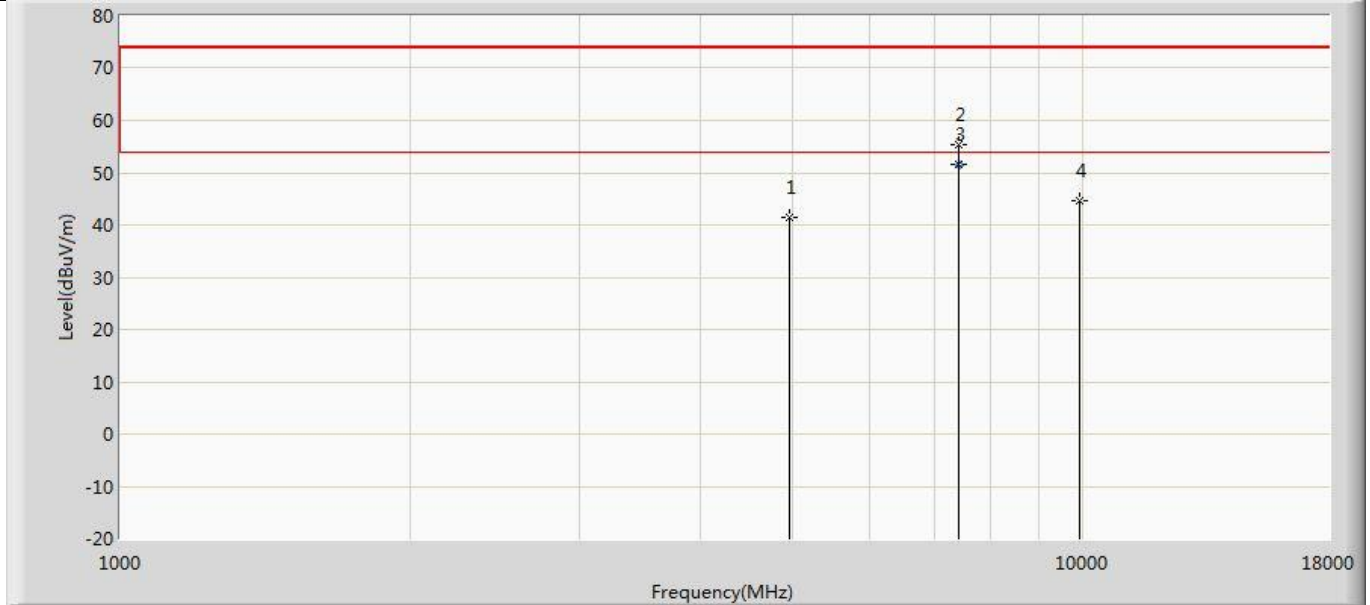
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	41.356	35.565	-32.644	74.000	5.790	PK
2		7320.000	56.162	46.901	-17.838	74.000	9.261	PK
3	*	7320.000	51.951	42.690	-2.049	54.000	9.261	AV
4		9760.000	43.655	31.592	-30.345	74.000	12.063	PK

Profile: 20C0209R	Page No.: 47
Engineer: Yingfei	
Site: AC5	Time: 2021/01/06 - 01:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2480MHz	



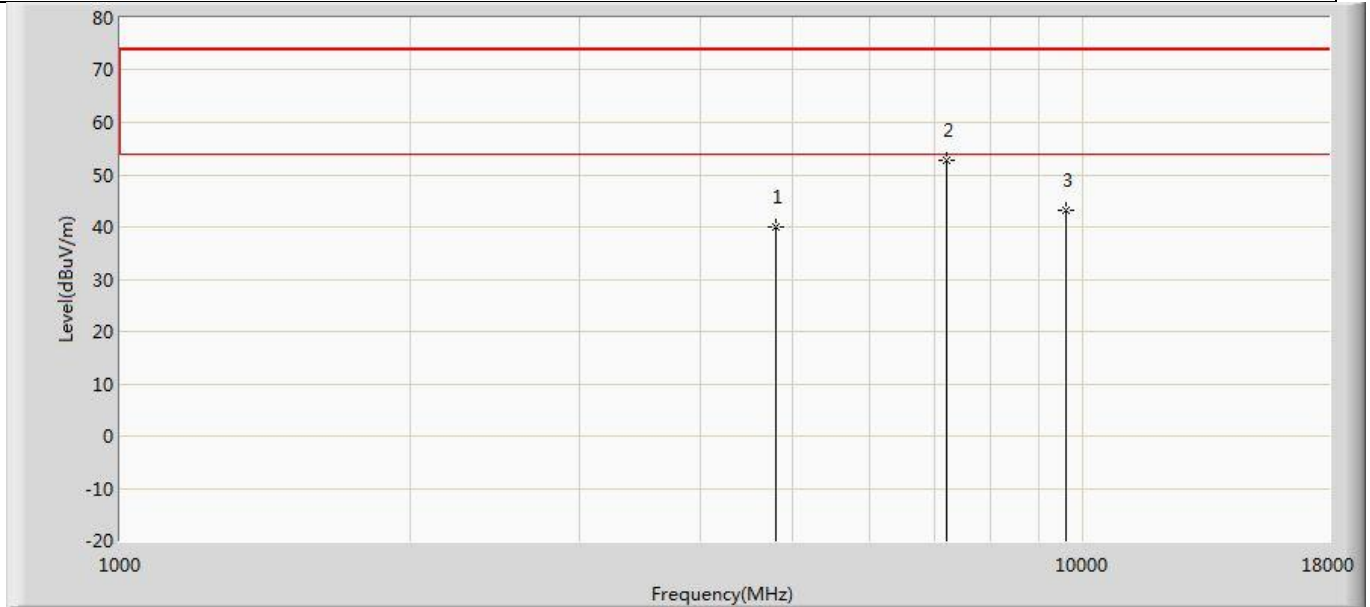
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	40.628	34.882	-33.372	74.000	5.745	PK
2	*	7440.000	52.349	42.898	-21.651	74.000	9.451	PK
3		9920.000	44.145	32.457	-29.855	74.000	11.688	PK

Profile: 20C0209R	Page No.: 48
Engineer: Yingfei	
Site: AC5	Time: 2021/01/06 - 01:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2480MHz	



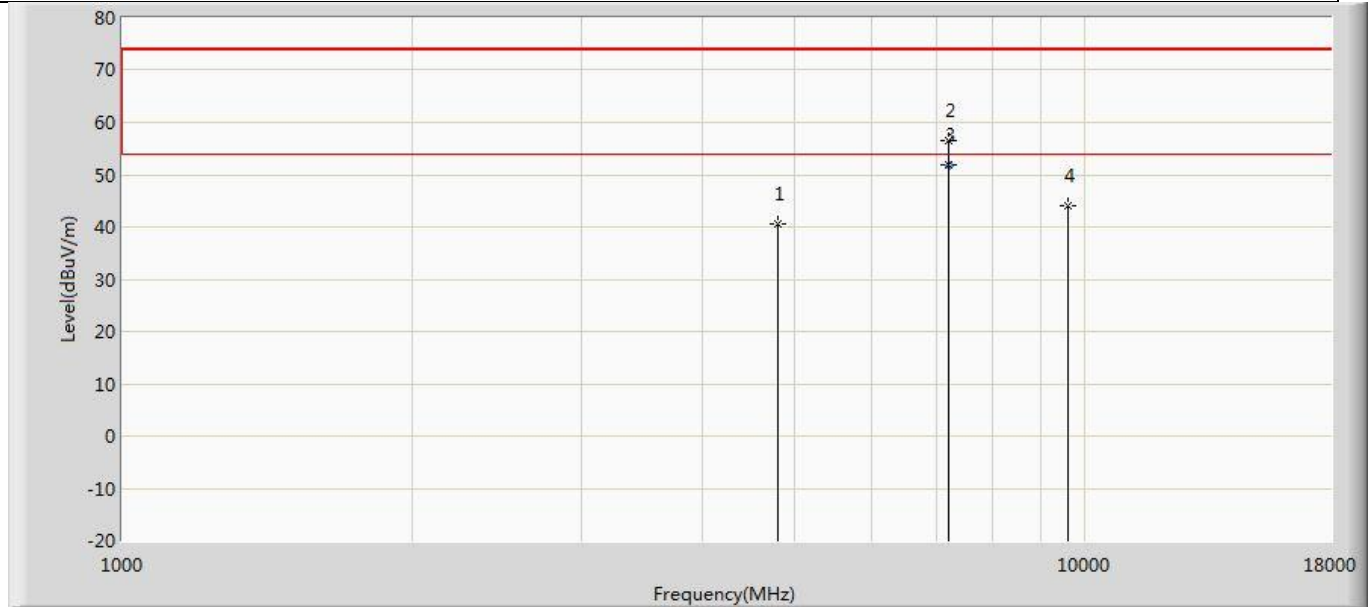
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	41.355	35.609	-32.645	74.000	5.745	PK
2		7440.000	55.358	45.907	-18.642	74.000	9.451	PK
3	*	7440.000	51.681	42.230	-2.319	54.000	9.451	AV
4		9920.000	44.528	32.840	-29.472	74.000	11.688	PK

Profile: 20C0209R	Page No.: 49
Engineer: Yingfei	
Site: AC5	Time: 2021/01/06 - 01:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2402MHz	



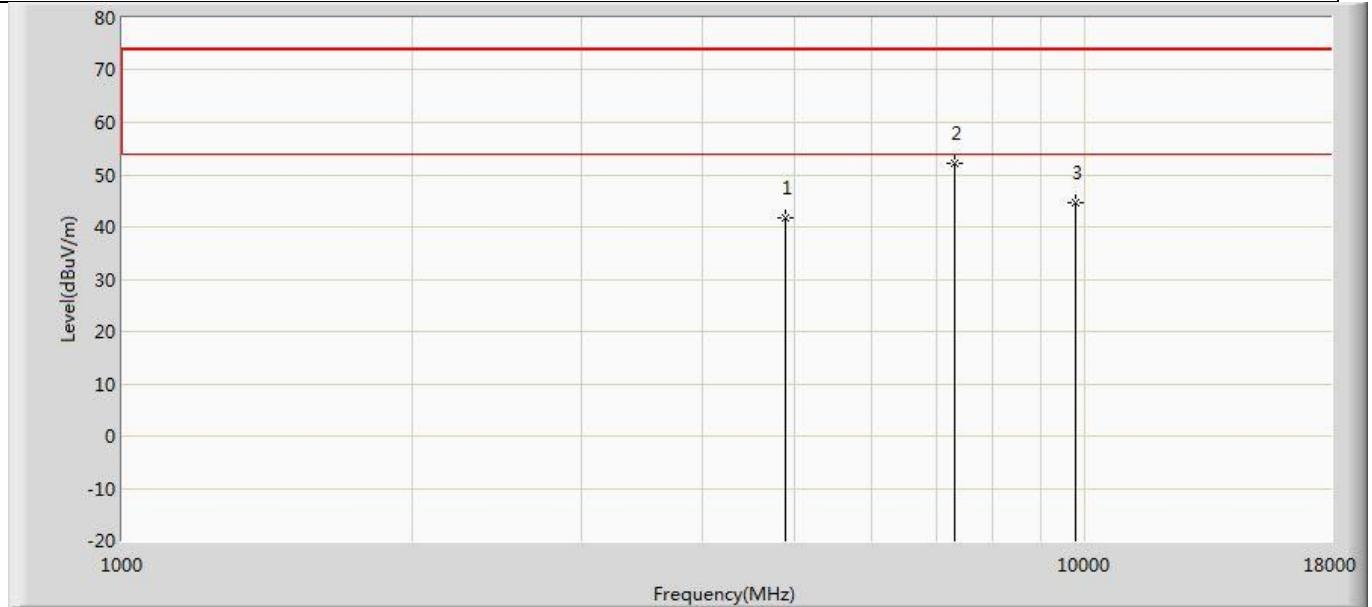
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	40.135	34.419	-33.865	74.000	5.716	PK
2	*	7206.000	52.647	43.524	-21.353	74.000	9.123	PK
3		9608.000	43.167	31.930	-30.833	74.000	11.238	PK

Profile: 20C0209R	Page No.: 50
Engineer: Yingfei	
Site: AC5	Time: 2021/01/06 - 01:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2402MHz	



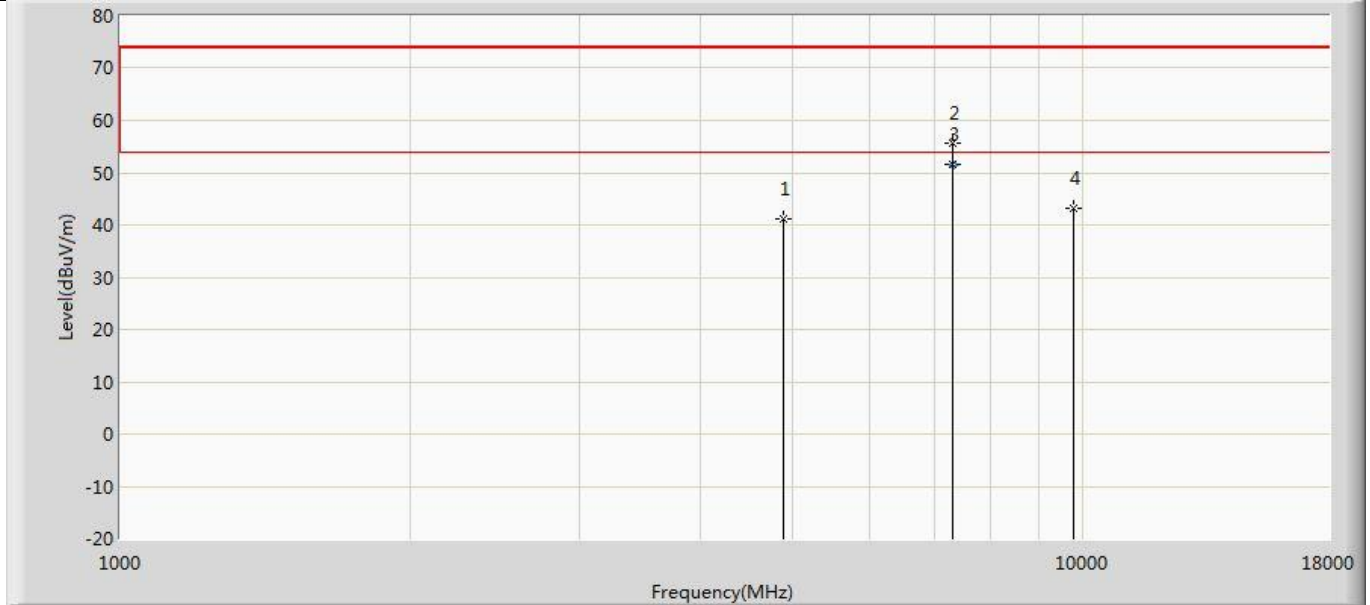
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	40.663	34.947	-33.337	74.000	5.716	PK
2		7206.000	56.659	47.536	-17.341	74.000	9.123	PK
3	*	7206.000	52.028	42.905	-1.972	54.000	9.123	AV
4		9608.000	43.982	32.745	-30.018	74.000	11.238	PK

Profile: 20C0209R	Page No.: 51
Engineer: Yingfei	
Site: AC5	Time: 2021/01/06 - 01:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2440MHz	



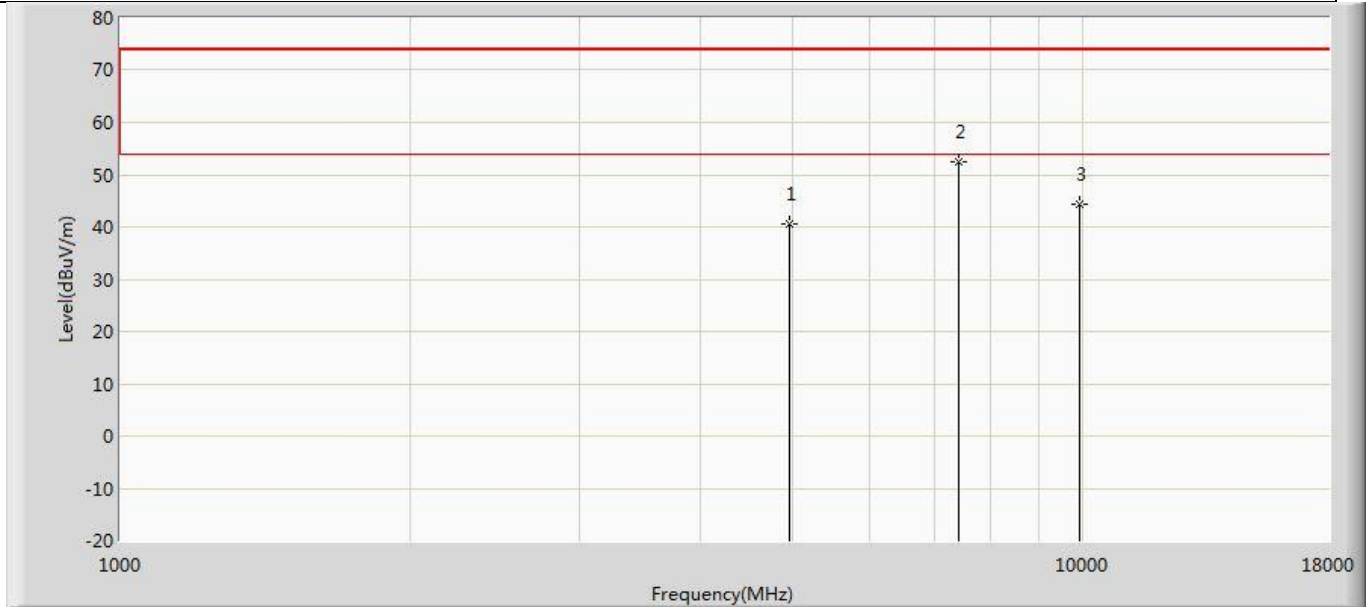
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	41.764	35.973	-32.236	74.000	5.790	PK
2	*	7320.000	52.316	43.055	-21.684	74.000	9.261	PK
3		9760.000	44.532	32.469	-29.468	74.000	12.063	PK

Profile: 20C0209R	Page No.: 52
Engineer: Yingfei	
Site: AC5	Time: 2021/01/06 - 01:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2440MHz	



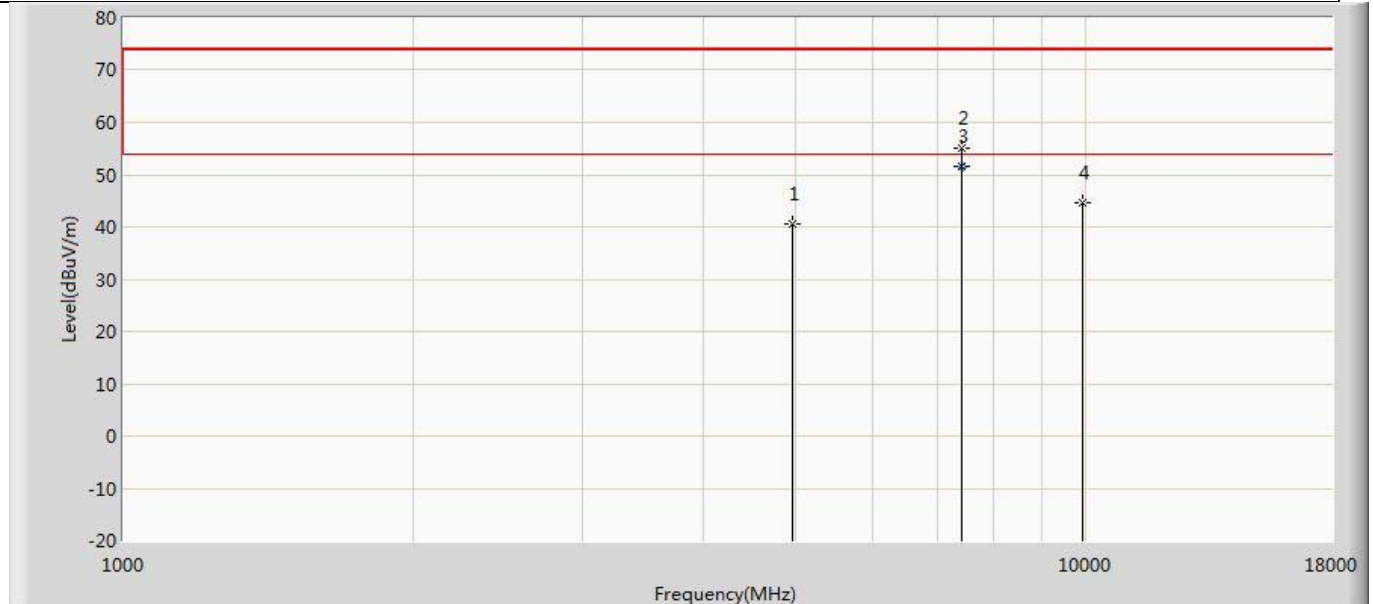
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	41.265	35.474	-32.735	74.000	5.790	PK
2		7320.000	55.568	46.307	-18.432	74.000	9.261	PK
3	*	7320.000	51.647	42.386	-2.353	54.000	9.261	AV
4		9760.000	43.168	31.105	-30.832	74.000	12.063	PK

Profile: 20C0209R	Page No.: 53
Engineer: Yingfei	
Site: AC5	Time: 2021/01/06 - 01:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2480MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	40.645	34.899	-33.355	74.000	5.745	PK
2	*	7440.000	52.599	43.148	-21.401	74.000	9.451	PK
3		9920.000	44.365	32.677	-29.635	74.000	11.688	PK

Profile: 20C0209R	Page No.: 54
Engineer: Yingfei	
Site: AC5	Time: 2021/01/06 - 01:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2480MHz	



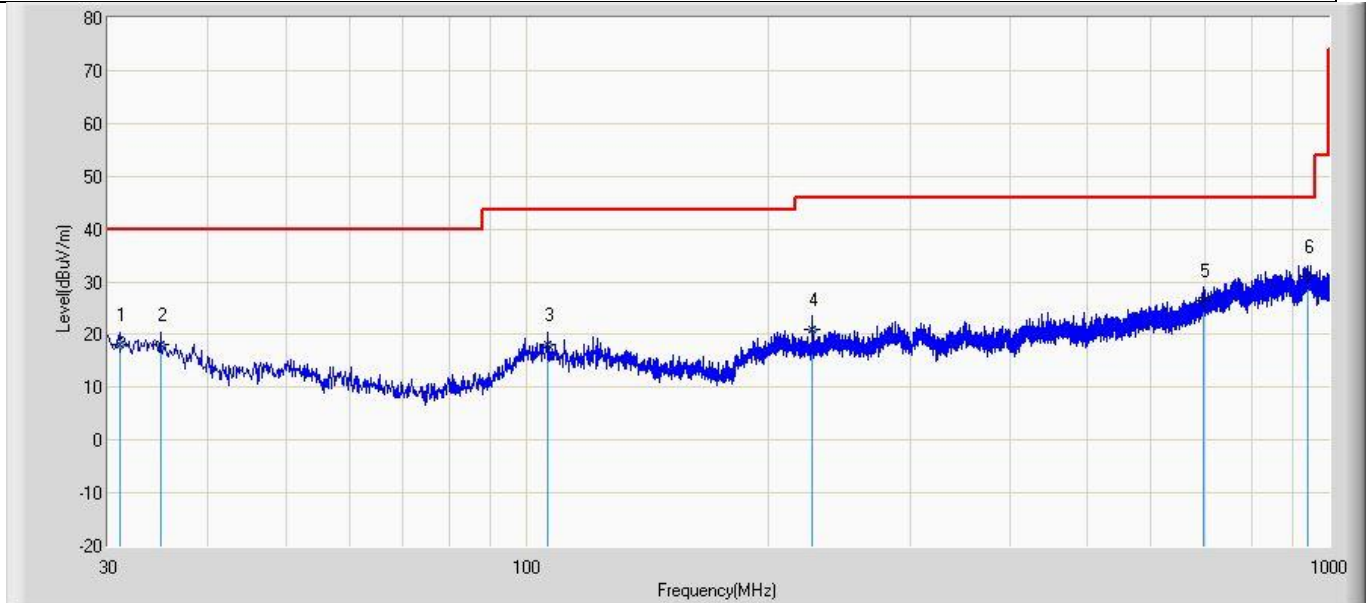
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	40.648	34.902	-33.352	74.000	5.745	PK
2		7440.000	55.118	45.667	-18.882	74.000	9.451	PK
3	*	7440.000	51.642	42.191	-2.358	54.000	9.451	AV
4		9920.000	44.576	32.888	-29.424	74.000	11.688	PK

Note:

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~26GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

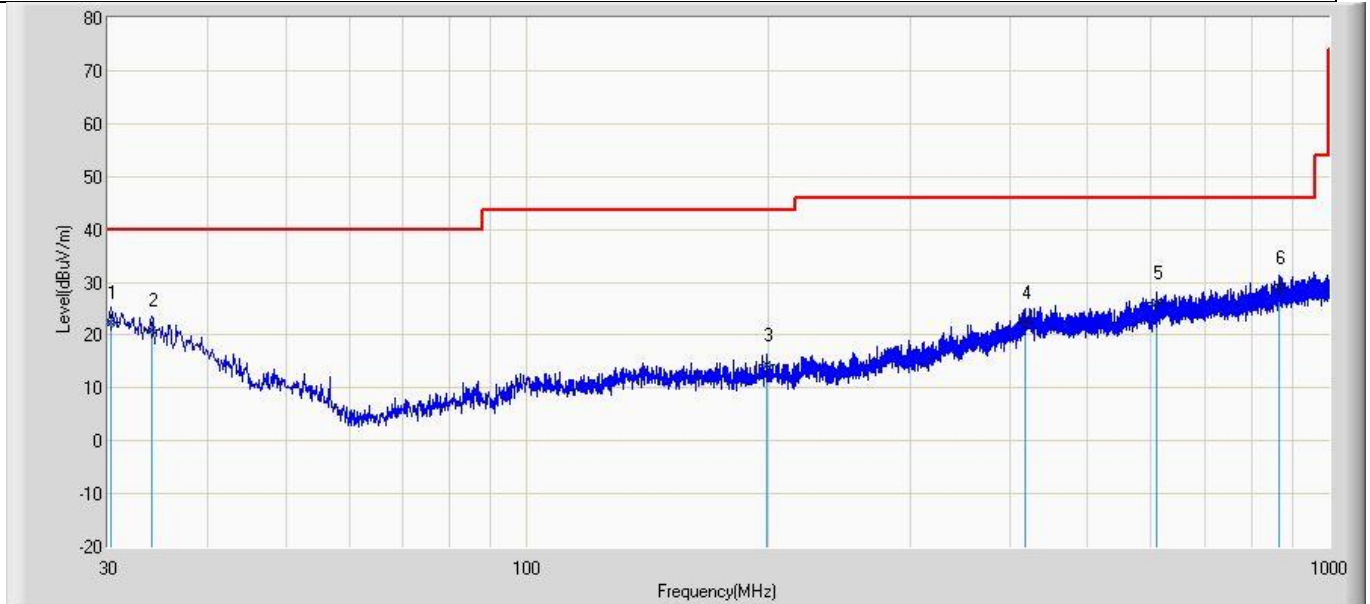
The worst case of Radiated Emission below 1GHz:

Profile: 20C0209R	Page No.: 1
Engineer: YULIU	
Site: AC3	Time: 2020/12/21 - 18:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: AC3_3m (30-1000MHz)	Polarity: Vertical
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 1	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1		31.091	18.124	-5.506	-21.876	40.000	23.630	155	230	QP
2		34.850	18.245	-4.176	-21.755	40.000	22.421	168	140	QP
3		106.266	18.247	-3.531	-25.253	43.500	21.778	116	181	QP
4		227.031	21.074	-0.899	-24.926	46.000	21.973	129	190	QP
5		696.754	26.334	-3.439	-19.666	46.000	29.772	115	350	QP
6	*	940.224	30.896	-3.230	-15.104	46.000	34.126	150	90	QP

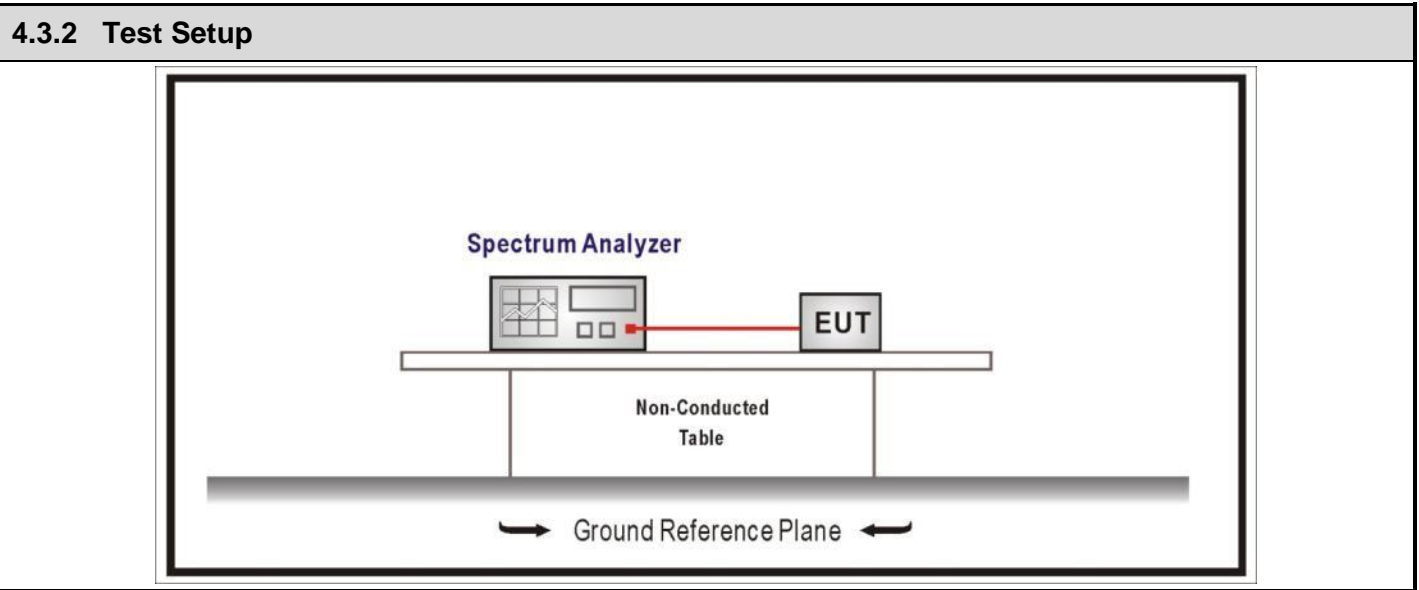
Profile: 20C0209R	Page No.: 2
Engineer: YULIU	
Site: AC3	Time: 2020/12/21 - 18:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: AC3_3m (30-1000MHz)	Polarity: Horizontal
EUT: LED Lamp	Power: AC 120V/60Hz
Note: Mode 1	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1		30.243	22.375	-5.335	-17.625	40.000	27.710	126	50	QP
2		34.001	21.085	-4.701	-18.915	40.000	25.787	160	225	QP
3		198.780	14.255	-3.364	-29.245	43.500	17.619	112	270	QP
4		418.606	22.387	-4.477	-23.613	46.000	26.864	190	330	QP
5		609.575	26.012	-2.286	-19.988	46.000	28.297	140	210	QP
6	*	867.595	29.044	-2.715	-16.956	46.000	31.759	160	90	QP

4.3 Emissions in non-restricted frequency band	VERDICT: PASS
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4.3.1 Limit	
Standard	FCC Part 15 Subpart C Paragraph 15.247(d)
RF Output power (Detection methods)	Limit(dB)
RF Output power(Average detector)	30dBc(Note1)
RF Output power(PK detector)	20dBc(Note2)
<p>Note 1: If maximum conducted (average) output power was used to demonstrate compliance as described in 9.2, then the peak power in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum in-band peak PSD level in 100 kHz (i.e., 30 dBc).</p> <p>Note 2: If the maximum peak conducted output power procedure was used, then the peak output power measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz (i.e., 20 dBc).</p>	

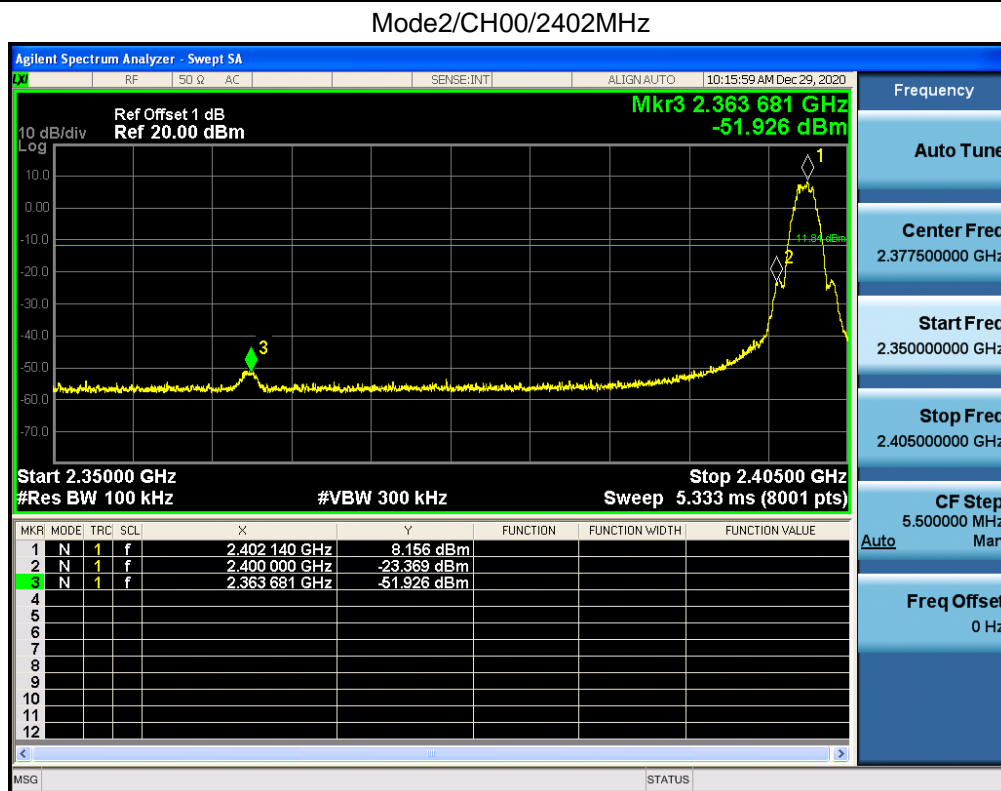


4.3.3 Test Procedure			
References Rule	Chapter	Description	
<input checked="" type="checkbox"/> ANSI C63.10	11.11	Emissions in non-restricted frequency bands	
<input checked="" type="checkbox"/>	ANSI C63.10	11.11.1	General
<input checked="" type="checkbox"/>	ANSI C63.10	11.11.2	Reference level measurement
<input checked="" type="checkbox"/>	ANSI C63.10	11.11.3	Emission level measurement

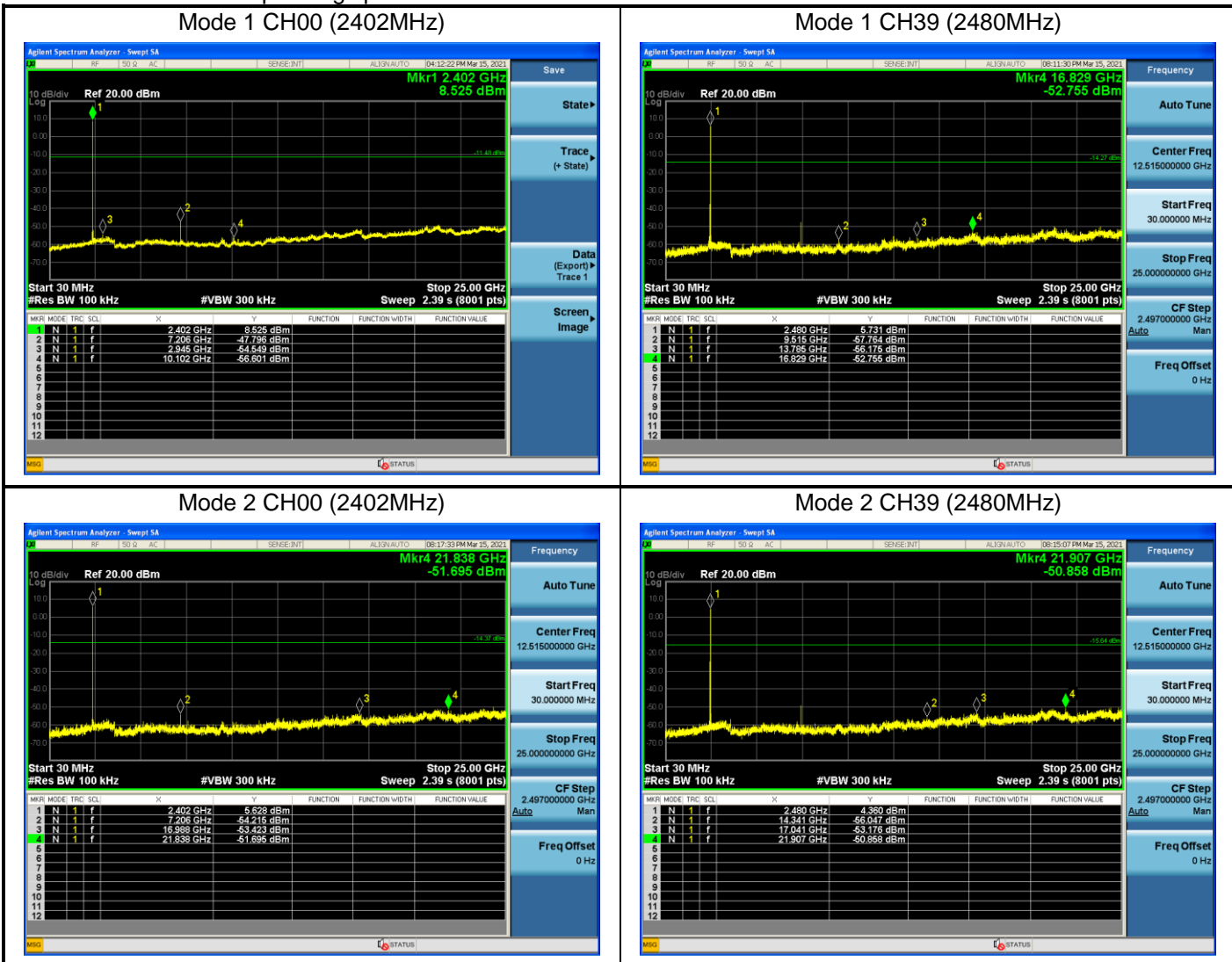
4.3.4 Test Data

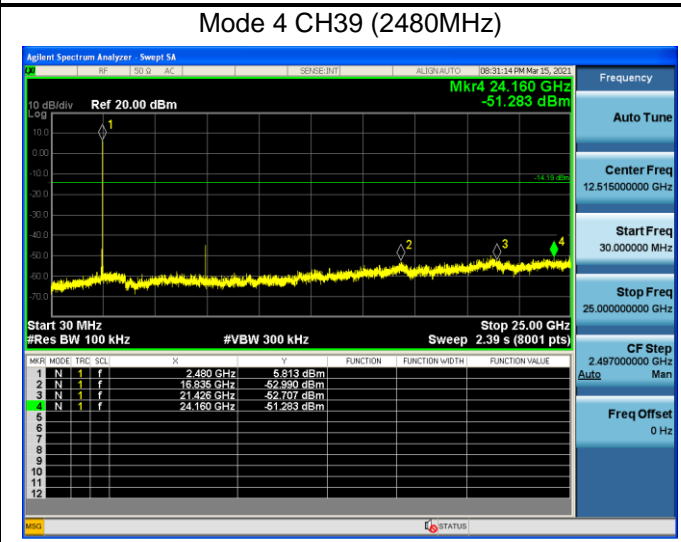
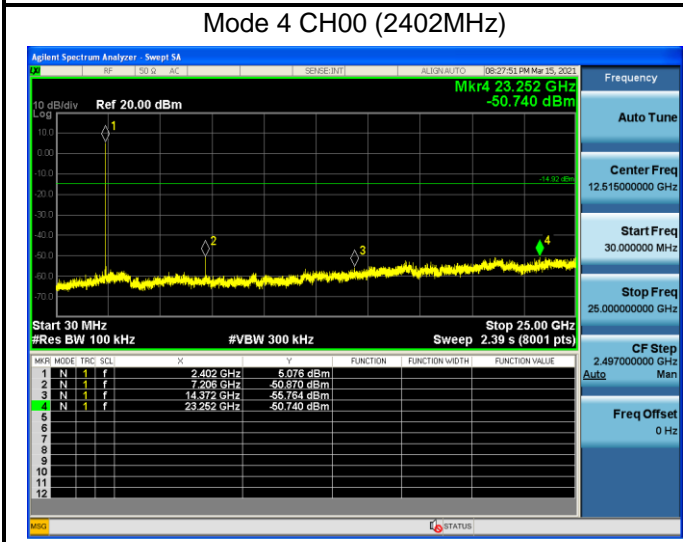
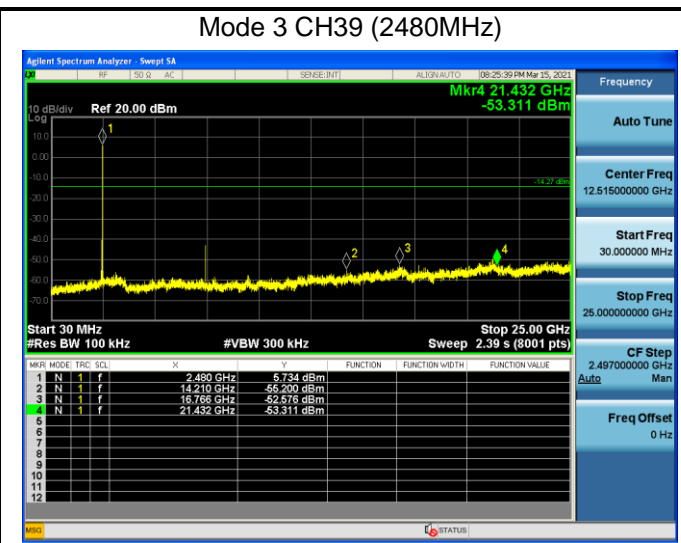
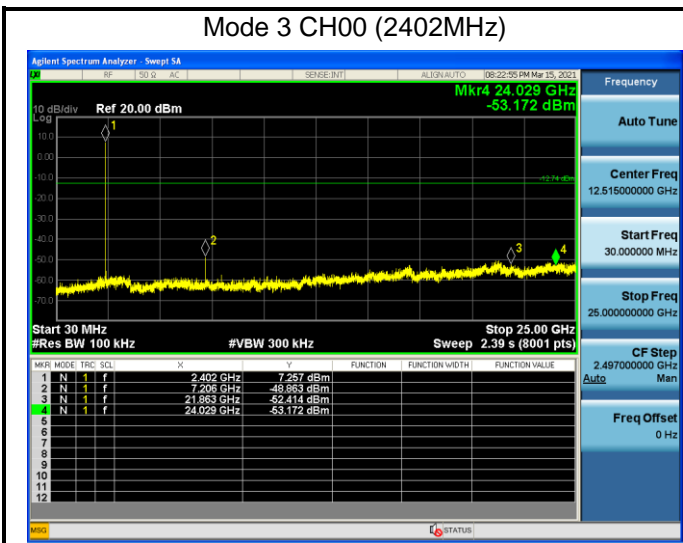
Mode	Channel	Test Frequency (MHz)	Maximum In-Band PSD[a] (dBm/100kHz)	Frequency (MHz)	Out-Band PSD[b] (dBm/100kHz)	[a]-[b] (dB)	Limit (dB)	Result
1	00	2402	9.607	2400	-41.789	51.396	>20	Pass
	39	2480	9.549	2518.352	-51.306	60.855	>20	Pass
2	00	2402	8.156	2400	-23.369	31.525	>20	Pass
	39	2480	8.059	2518.375	-52.222	60.281	>20	Pass
3	00	2402	9.478	2400	-42.658	52.136	>20	Pass
	39	2480	9.667	2518.397	-51.162	60.829	>20	Pass
4	00	2402	7.397	2400	-41.9	49.297	>20	Pass
	39	2480	7.251	2518.336	-51.218	58.469	>20	Pass

Note 1: The worst data plot as below:



The data of entire corresponding spectrum:

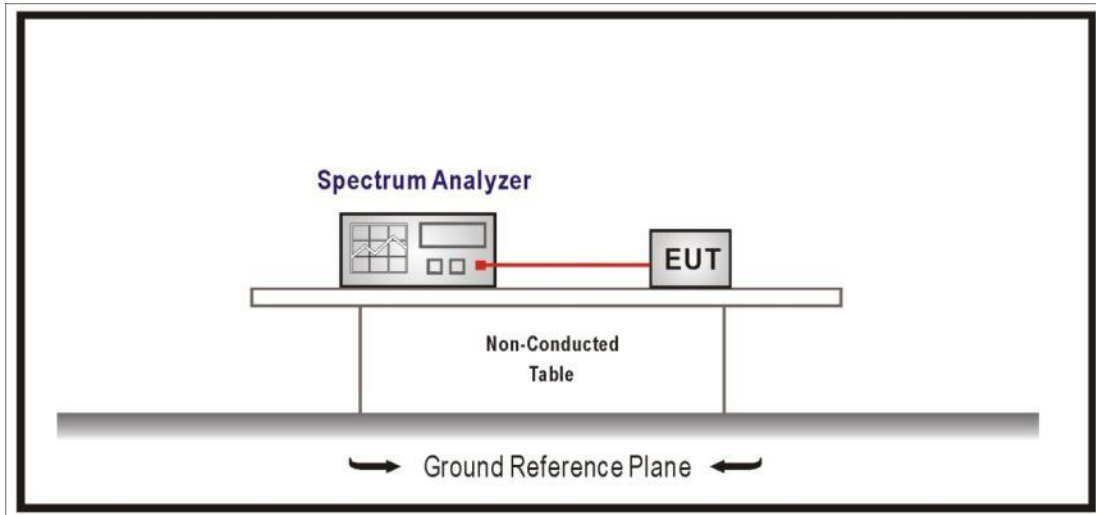




4.4 Duty cycle	VERDICT: PASS
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4.4.1 Limit
N/A

4.4.2 Test Setup



4.4.3 Test Procedure

	References Rule	Chapter	Description
<input checked="" type="checkbox"/>	ANSI C63.10	11.6	Duty cycle (D), transmission duration (T), and maximum power control level