
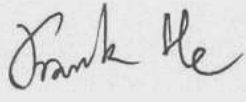
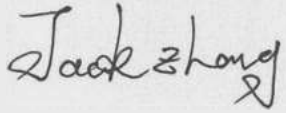




Test report No:
20B0050R-RF-US-P06V01

FCC&ISED TEST REPORT

Product Name	Ring Bridge
Trademark	Ring
Model and /or type reference	5C28S8
FCC ID	2AEUPRBBR003
IC	20271-RBBR003
Applicant´s name / address	Ring, LLC. 1523 26th St, Santa Monica, CA 90404
Factor´s name / address	AZ e-lite Pte Ltd 31 Ubi Road 1 Aztech Building 408694 Singapore
Test method requested, standard	FCC CFR Title 47 Part 15 Subpart C Section 15.247 ANSI C63.10: 2013 KDB558074 D01v05r02 RSS-Gen Issue 5 / RSS-247 Issue 2
Verdict Summary	IN COMPLIANCE
Documented By (name / position & signature)	Kitty Li/Project Assistant 
Reviewed by (name / position & signature)	Frank He/ Technical Supervisor 
Approved by (name / position & signature)	Jack Zhang/ Supervisor 
Date of issue	2021-02-03
Report template No	Template_FCC 15.247-RF-V1.0

INDEX

	page
Competences and Guarantees.....	4
General conditions.....	4
Environmental conditions.....	4
Possible test case verdicts	5
Abbreviations	5
Document History	6
Remarks and Comments	6
Used Equipment	7
Uncertainty.....	8
1 General Information.....	9
1.1 General Description of the Item(s).....	9
1.2 Antenna Information.....	10
1.3 Data Rate	11
1.4 Channel List	13
2 Description of Test Setup	14
2.1 Operating mode(s) used for tests.....	14
2.2 Support / Auxiliary equipment / unit / Test software for the EUT	14
2.3 Test Configuration / Block diagram used for tests	15
2.4 Testing process.....	16
3 Verdict summary section	17
3.1 Standards	17
3.2 Overview of results.....	17
3.3 Test Facility	18
4 Test Results.....	19
4.1 Emissions in restricted frequency bands	19
4.1.1 Limit.....	19
4.1.2 Test Setup.....	21
4.1.3 Test Procedure	22
4.1.4 Test Data.....	23
4.2 Radiated Emission Band Edge	51
4.2.1 Limit.....	51
4.2.2 Test Setup.....	51
4.2.3 Test Procedure	52
4.2.4 Test Data.....	53

4.3	Fundamental emission output power	118
4.3.1	Limit.....	118
4.3.2	Test Setup.....	118
4.3.3	Test Procedure	119
4.3.4	Test Data.....	120
4.4	Test setup photo and EUT Photo.....	121

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.

IMPORTANT: No parts of this report may be reproduced or quoted out of context, in any form or by any means, except in full, without the previous written permission of DEKRA.

GENERAL CONDITIONS

Test Location	No. 99, Hongye Road, Suzhou Industrial Park Suzhou, 215006, P.R. China
Date(receive sample)	Nov. 02, 2020
Date (start test)	Nov. 11, 2020
Date (finish test)	Jan. 11, 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.
3. This document is only valid if complete; no partial reproduction can be made without previous written permission of DEKRA.
4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of DEKRA.

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
20B0050R-RF-US-P06V01	V1.0	Initial issue of report.	2020-12-16
20B0050R-RF-US-P06V01	V1.1	Page 1: Remove blank in IC ID; Page 7: Add information of power meter; Page 9: Add PMN, HVIN information; Page 9: Update information for power supply; Page 13: Add power setting table; Chapter 4.2.4: Add the adjacent channel test data of the first and last channels; Chapter 4.3.3: Update test procedure; Page 118: Update power table. (The test report No.: 20B0050R-RF-US-P06V01 V1.1 is to place the test report No.: 20B0050R-RF-US-P06V01 V1.0, and test report 20B0050R-RF-US-P06V01 V1.0 is obsoleted.)	2021-01-14
20B0050R-RF-US-P06V01	V2.0	Page 1&9: Update product name and model. Section 4.1.4: Add test data of simultaneous transmission. (The test report No.: 20B0050R-RF-US-P06V01 V2.0 is to place the test report No.: 20B0050R-RF-US-P06V01 V1.1, and test report 20B0050R-RF-US-P06V01 V1.1 is obsoleted.)	2021-02-03

REMARKS AND COMMENTS

1. The equipment under test (EUT) does not meet the essential requirements of the stated standard(s)/test(s).
2. These test results on a sample of the device are for the purpose of demonstrating Compliance with FCC 15.247.
3. 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.
4. The test results presented in this report relate only to the object tested.
5. The test report shall not be reproduced without the written approval of DEKRA Testing and Certification (Suzhou) Co., Ltd.
6. This report will not be used for social proof function in China market.
7. 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 Data Rate;
 - Chapter 1.4 Channel List;

USED EQUIPMENT

RF conducted test / TR8(Chamber details)

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
Power Meter	Keysight	N1912A	MY60300004	2020.11.14	2021.11.13
Power Sensor	Keysight	N1921A	MY60350003	2020.11.14	2021.11.13
Temperature/Humidity Meter	RTS	RTS-8S	RF08	2020.08.13	2021.08.12
DEKRA test software	N/A	N/A	N/A	N/A	N/A

Radiated Emission(30MHz-1GHz) / AC2(Chamber details)

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
EMI Test Receiver	R&S	ESCI	100573	2019.12.28	2020.12.27
Bilog Antenna	Teseq GmbH	CBL6112D	27611	2020.09.11	2021.09.10
Temperature/Humidity Meter	RTS	RTS-8S	AC2-TH	2020.08.13	2021.08.12
Coaxial Cable	Huber+Suhner	RG 214	AC2-C	2020.04.05	2021.04.04
DEKRA test software	N/A	N/A	N/A	N/A	N/A

Radiated Emission / AC5(1GHz-40GHz)(Chamber details)

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
EMI Receiver	Agilent	N9038A	MY51210196	2020.04.18	2021.04.17
DRG Horn	ETS-Lindgren	3117	00123988	2020.09.21	2021.09.20
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170D	750	2019.01.05	2021.01.04
Pre-Amplifier	Schwarzbeck	BBV 9721	9721-024	2019.07.17	2021.07.16
Temperature/Humidity Meter	RTS	RTS-8S	AC5-TH	2020.08.13	2021.08.12
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C2	2020.04.05	2021.04.04
DEKRA test software	N/A	N/A	N/A	N/A	N/A

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%.

Test item	Uncertainty
AC Power Line Conducted Emission	± 2.92 dB
Peak Power Output	± 1.13 dB
Radiated Emission(30MHz~1GHz)	Horizontal: 30MHz~200MHz: 4.60 dB 200MHz~1GHz: 4.10 dB Vertical: 30MHz~200MHz: 4.80 dB 200MHz~1GHz: 4.10 dB
Radiated Emission(1GHz~26.5GHz)	Horizontal: 1GHz~18GHz: 5.00 dB Vertical: 1GHz~18GHz: 4.80 dB Horizontal: 18GHz~40GHz: 4.70 dB Vertical: 18GHz~40GHz: 4.60 dB
RF antenna conducted test	± 1.13 dB
Radiated Emission Band Edge	± 5.00 dB
DTS Bandwidth	± 279 Hz
Occupied Bandwidth	± 279 Hz
Power Density	± 1.13 dB

1 GENERAL INFORMATION

1.1 General Description of the Item(s)

Model / Type number.....:	5C28S8
Trademark.....:	Ring
PMN.....:	5C28S8-A
HVIN.....:	5C28S8-A
Firmware Version.....:	0.7.5-33
Manufacturer.....:	Ring, LLC.
Manufacturer Address.....:	1523 26th St, Santa Monica, CA 90404

Wireless specification.....:	WIFI
Operating frequency range(s).....:	2400~2483.5MHz
Type of modulation.....:	DSSS: BPSK,QPSK,CCK OFDM: BPSK, QPSK, 16QAM, 64QAM
Number of channel.....:	802.11b/g/n(20MHz): 11 802.11n(40MHz): 7
Device category.....:	<input type="checkbox"/> Fixed point-to-point
	<input type="checkbox"/> Emit multiple directional beams, simultaneously or sequentially
	<input checked="" type="checkbox"/> Other cases

Rated power supply.....:	Voltage and Frequency	
	<input type="checkbox"/>	AC: 220 - 240 V, 50/60 Hz
	<input type="checkbox"/>	AC: 100 - 240 V, 50/60 Hz
	<input type="checkbox"/>	DC: 12 - 24 Vdc
	<input type="checkbox"/>	Battery:
	<input checked="" type="checkbox"/>	Adapter: 5V
Brand of adapter.....:	SUNUN	
Adapter model.....:	SA68-050100U	
Mounting position.....:	<input type="checkbox"/>	Table top equipment
	<input checked="" type="checkbox"/>	Wall/Ceiling mounted equipment
	<input type="checkbox"/>	Floor standing equipment
	<input type="checkbox"/>	Hand-held equipment
	<input 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	
	<input type="checkbox"/>	Others:.....	
Antenna technology	<input checked="" type="checkbox"/>	SISO	
	<input type="checkbox"/>	MIMO	<input type="checkbox"/> Basic
			<input type="checkbox"/> CDD
			<input type="checkbox"/> Sectorized
			<input type="checkbox"/> Beam-forming
Antenna Type	<input type="checkbox"/>	External	<input type="checkbox"/> Dipole
			<input type="checkbox"/> Sectorized
			<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	PIFA	
	<input type="checkbox"/>	PCB	
		<input type="checkbox"/>	Metal Antenna
Antenna Gain	1.8 dBi		

1.3 Data Rate

IEEE 802.11b

Modulation	Data Rate(Mb/s)
DSSS	1
DSSS	2
CCK	5.5
CCK	11

Table 1 –TX Antenna number = 1

IEEE 802.11g

Modulation	Coding rate	Data Rate(Mb/s)
BPSK	1/2	6
BPSK	3/4	9
QPSK	1/2	12
QPSK	3/4	18
16-QAM	1/2	24
16-QAM	3/4	36
64-QAM	2/3	48
64-QAM	3/4	54

Table 1 – MCS parameters for TX Antenna number = 1

IEEE 802.11n

Spatial streames	MCS Index	Modulation	Coding rate	Data Rate(Mb/s)			
				20MHz		40MHz	
				800ns GI	400ns GI	800ns GI	400ns GI
1	0	BPSK	1/2	6.5	7.2	13.5	15.0
1	1	QPSK	1/2	13.0	14.4	27.0	30.0
1	2	QPSK	3/4	19.5	21.7	40.5	45.0
1	3	16-QAM	1/2	26.0	28.9	54.0	60.0
1	4	16-QAM	3/4	39.0	43.3	81.0	90.0
1	5	64-QAM	2/3	52.0	57.8	108.0	120.0
1	6	64-QAM	3/4	58.5	65.0	121.5	135.0
1	7	64-QAM	5/6	65.0	72.2	135.0	150.0

Note 1: Support of 400ns GI is optional on transmit and receive.

Table 1 – MCS parameters for TX Antenna number = 1

1.4 Channel List

IEEE 802.11b/g & IEEE 802.11n(20MHz)

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
001	2412 MHz	002	2417 MHz	003	2422 MHz	004	2427 MHz
005	2432 MHz	006	2437 MHz	007	2442 MHz	008	2447 MHz
009	2452 MHz	010	2457 MHz	011	2462 MHz	-	-

IEEE 802.11n(40MHz)

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
003	2422 MHz	004	2427 MHz	005	2432 MHz	006	2437 MHz
007	2442 MHz	008	2447 MHz	009	2452 MHz	-	-

Note: The General Description of the Item, antenna information, Data Rate and Channel List in clause 1 are provided and confirmed by the client.

1.5 Power setting

Mode	Channel	Test Frequency (MHz)	Power setting
1	1	2412	70
	2	2417	78
	6	2437	78
	10	2457	77
	11	2462	76
2	1	2412	63
	2	2417	70
	6	2437	70
	10	2457	69
	11	2462	68
3	1	2412	61
	2	2417	69
	6	2437	69
	10	2457	68
	11	2462	67
4	3	2422	59
	4	2427	59
	6	2437	61
	10	2457	60
	9	2452	58

Note: The power setting rules are inconsistent with the original product, but we have ensured that the output power is lower than the original product.

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	Mode 1: Transmit by 802.11b
	Mode 2: Transmit by 802.11g
	Mode 3: Transmit by 802.11n(20MHz)
	Mode 4: Transmit by 802.11n(40MHz)
	Mode 5: Simultaneous transmission

2.2 Support / Auxiliary equipment / unit / Test software for the EUT

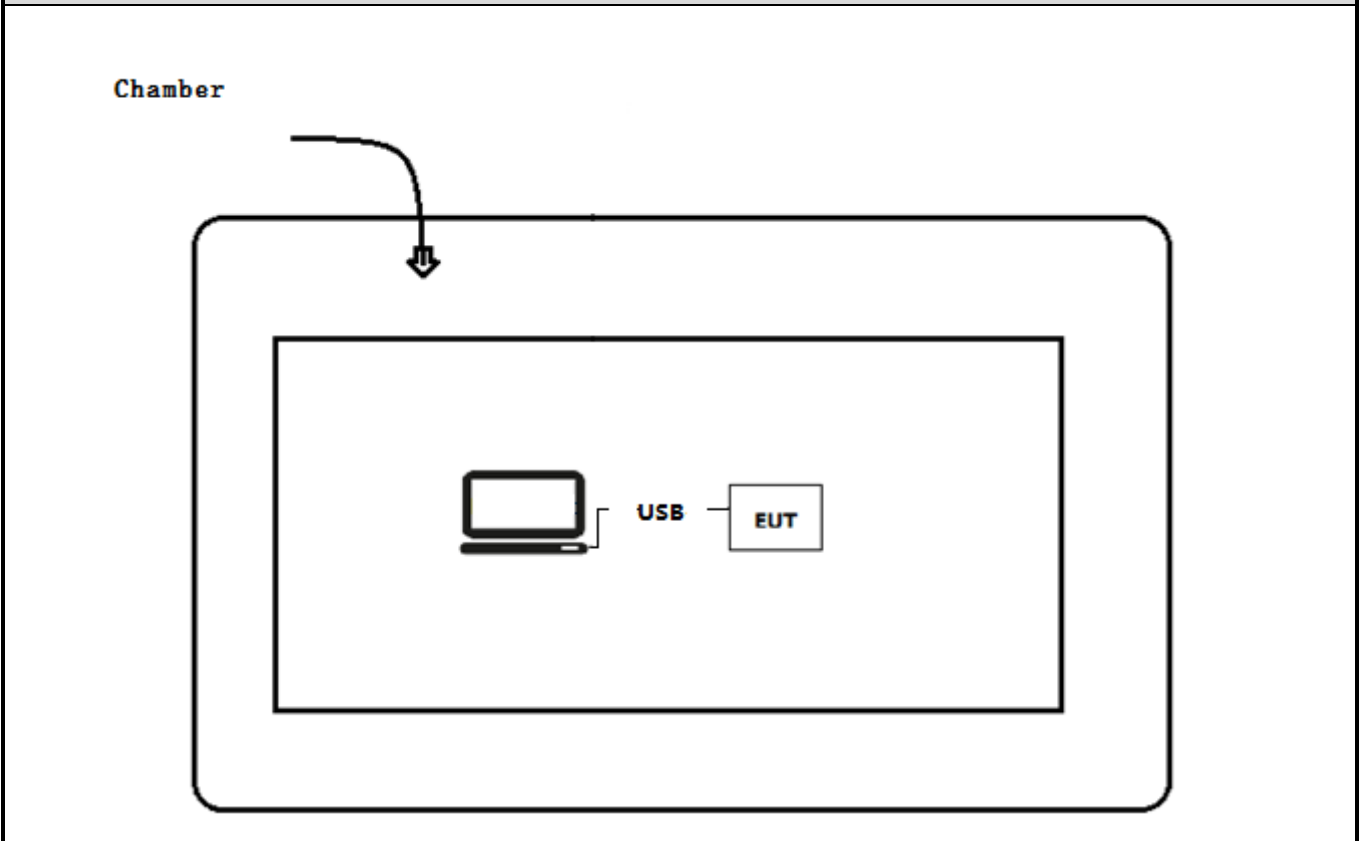
The EUT has been tested with the following auxiliary equipment / unit / software:

Auxiliary equipment	Type / Version	Manufacturer	Supplied by
Notebook	Think pad x220	Lenovo	Adapter
USB Control Cable	Serial to USB	N/A	N/A
software	Type / Version	Manufacturer	Supplied by
IPOP	V4.1	N/A	N/A

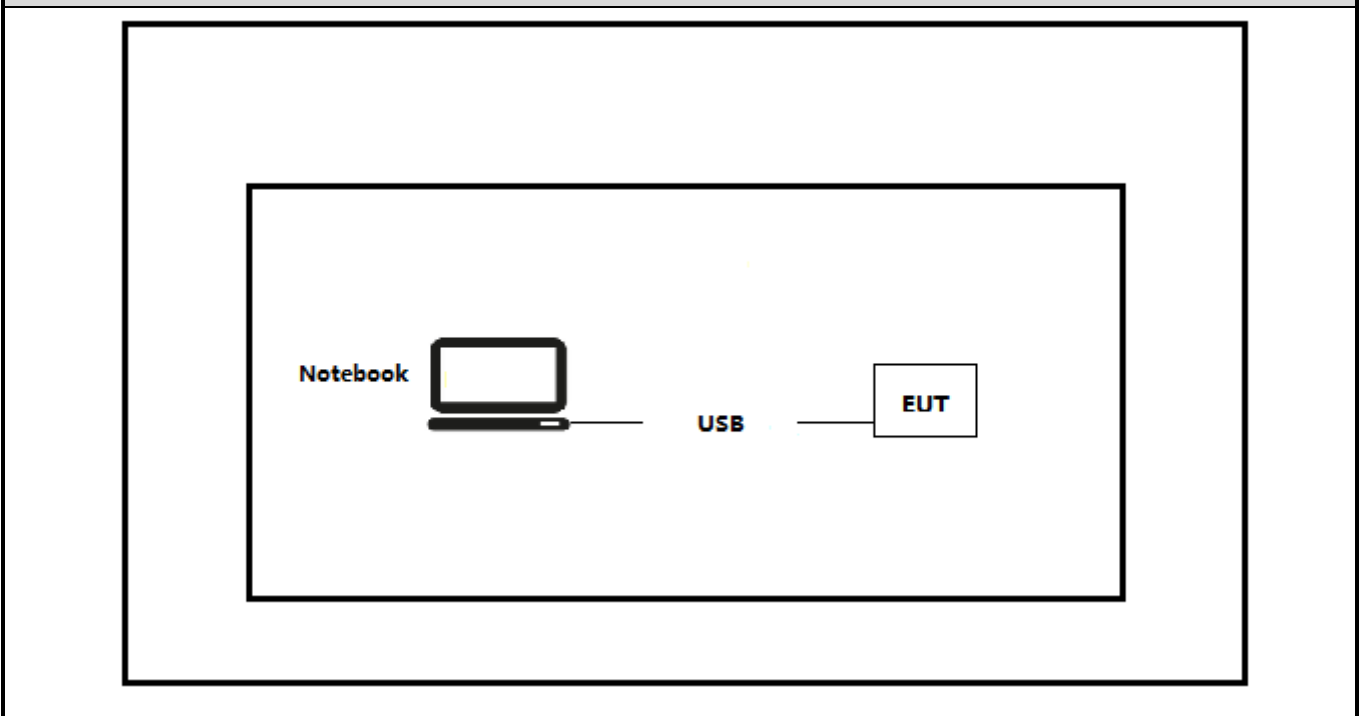
2.3 Test Configuration / Block diagram used for tests

The following test setup / configuration / block diagram has been used during the tests:

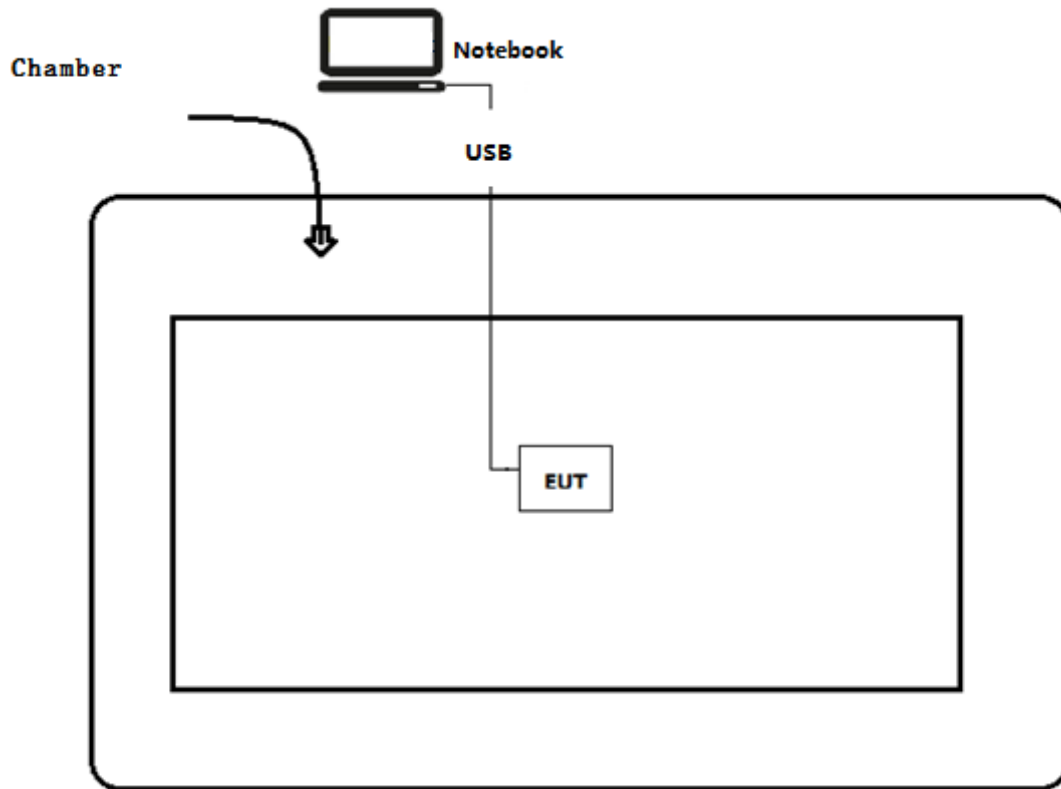
Test setup Diagram- AC Line Conducted Emission Test



Test setup Diagram- Conducted test



Test setup Diagram- Conducted test



2.4 Testing process

1	Setup the EUT as shown in Section 2.4.
2	Input the commands.
3	Configure the test mode, the test channel, and the data rate.
4	Start the continuous Transmitter.
5	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 D01V05r02	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 Overview of results

Requirement – Test case	Basic standard(s)	Verdict	Remark
Emissions in restricted frequency bands	FCC 15.247(d), 15.209	PASS	---
Radiated Emission Band Edge	FCC 15.247(d), 15.209	PASS	---
Fundamental emission output power	FCC 15.247(b)(3)	PASS	---

Requirement – Test case	Basic standard(s)	Verdict	Remark
Emissions in restricted frequency bands	RSS-Gen Issue 5 Section 8.9	PASS	---
Radiated Emission Band Edge	RSS-247 Issue 2 Section A5.5	PASS	---
Fundamental emission output power	RSS-247 Issue 2 Section A5.4(4)	PASS	---

Note: This report is based on DEKRA report(NO.:2040170R-RF-US-P06V01), the Ring bridge LDO V2 is based on 5C28S8 and update PCB layout only, so we only test fundamental emission output power, radiated emission band edge and emissions in restricted frequency bands.

3.3 Test Facility

USA	:	FCC Designation Number: CN1199
Canada	:	CAB identifier Number: CN0040

4 TEST RESULTS

4.1 Emissions in restricted frequency bands	VERDICT: PASS
--	----------------------

4.1.1 Limit			
Standard		FCC Part 15 Subpart C Paragraph 15.205; 15.209	
Restricted Bands of operation for FCC			
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	Above 38.6
13.36 – 13.41	--	--	--
Restricted Bands of operation for ISCED			
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	--
8.41425 - 8.41475	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	--	--

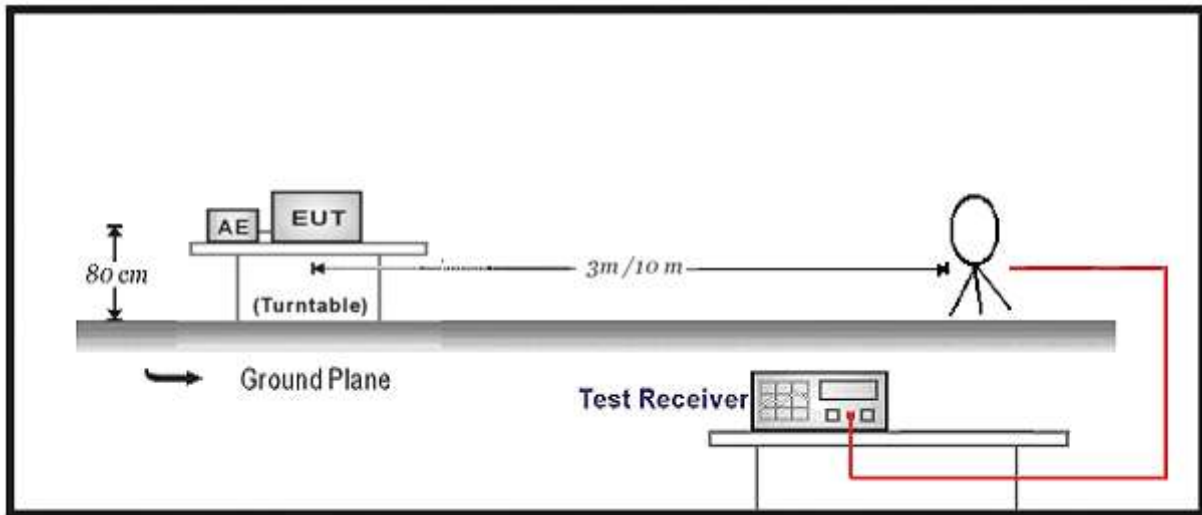
Restricted Band Emissions Limit			
Frequency (MHz)	Field strength ($\mu\text{V/m}$)	Field strength ($\text{dB}\mu\text{V/m}$)	Measurement distance (m)
0.009 - 0.49	2400/F(kHz)	48.5 – 13.8	300 _(Note 1)
0.49 - 1.705	24000/F(kHz)	33.8 - 23	30 _(Note 1)
1.705 - 30	30	29.5	30 _(Note 1)
30 - 88	100	40	3 _(Note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

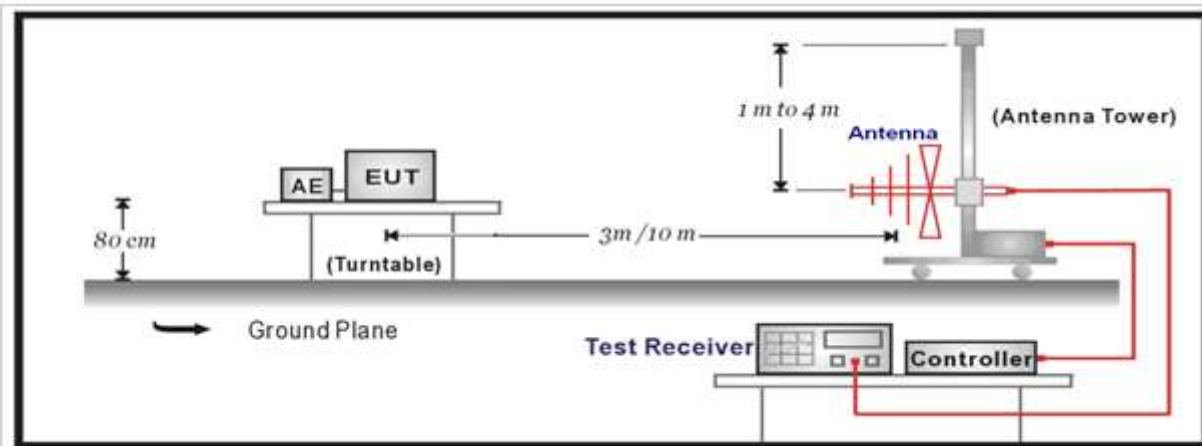
Note 2: At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated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

4.1.2 Test Setup

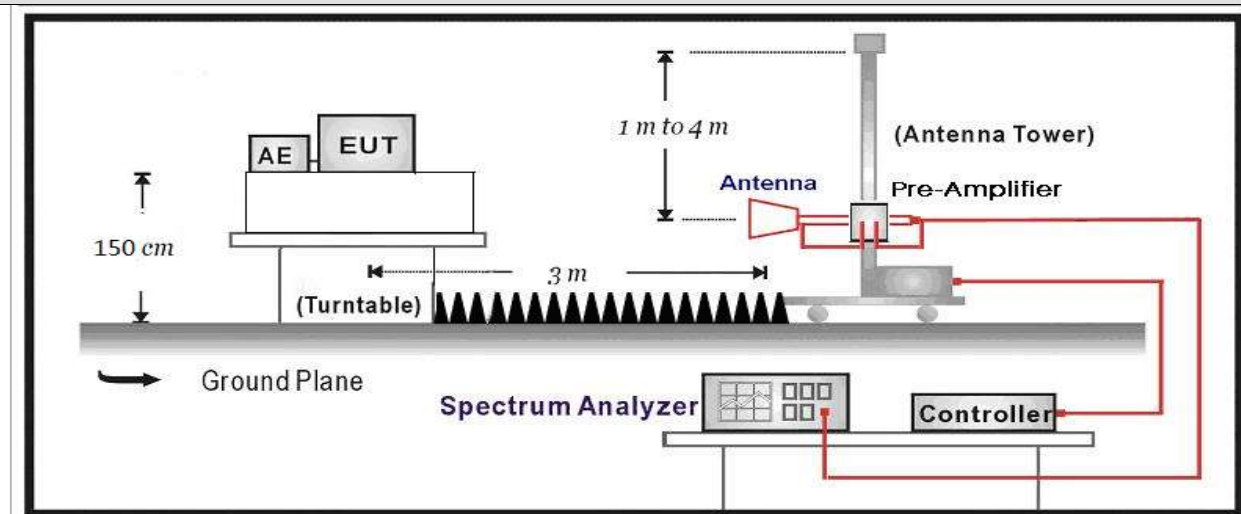
Below 30MHz Test Setup:



30MHz-1GHz Test Setup:



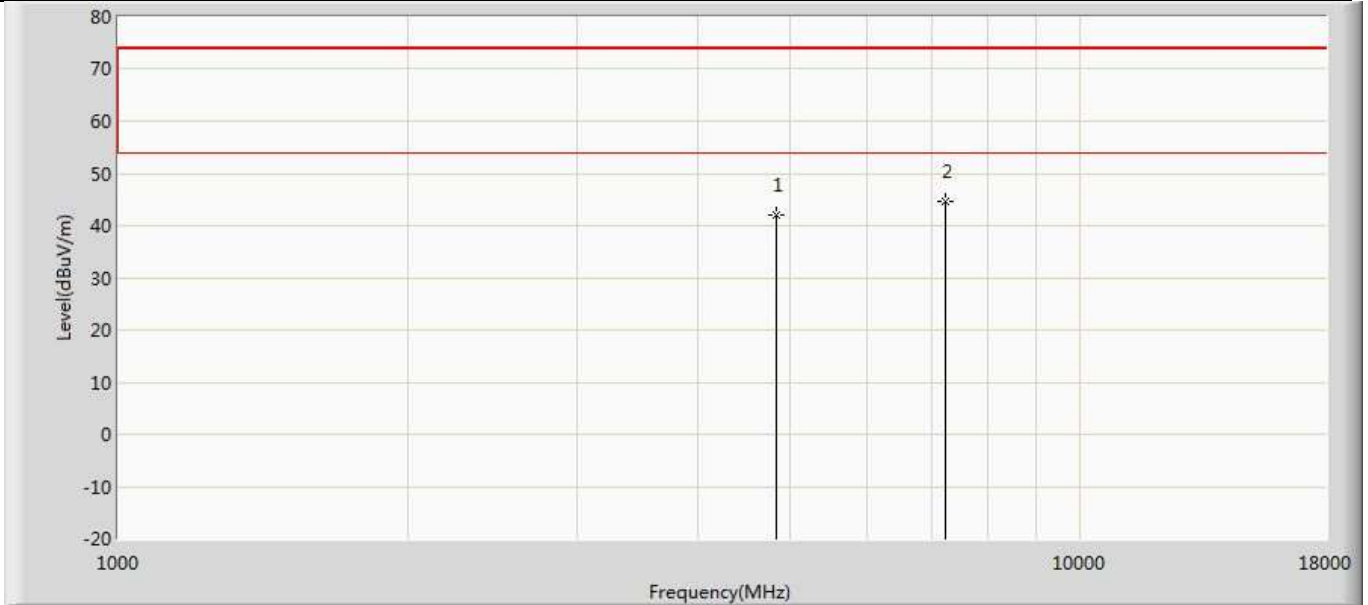
Above 1GHz Test Setup:



4.1.3 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	6.3	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
	<input type="checkbox"/> ANSI C63.10	11.12.2	Antenna-port conducted measurements
	<input type="checkbox"/> ANSI C63.10	11.12.2.3	Quasi-peak measurement procedure
	<input type="checkbox"/> ANSI C63.10	11.12.2.4	Peak power measurement procedure
	<input type="checkbox"/> ANSI C63.10	11.12.2.5	Average power measurement procedures
	<input type="checkbox"/> ANSI C63.10	11.12.2.5.1	Trace averaging with continuous EUT transmission at full power
	<input type="checkbox"/> ANSI C63.10	11.12.2.5.2	Trace averaging across ON and OFF times of the EUT transmissions followed by duty cycle correction
	<input type="checkbox"/> ANSI C63.10	11.12.2.5.3	Reduced VBW averaging across ON and OFF times of the EUT transmissions with max hold

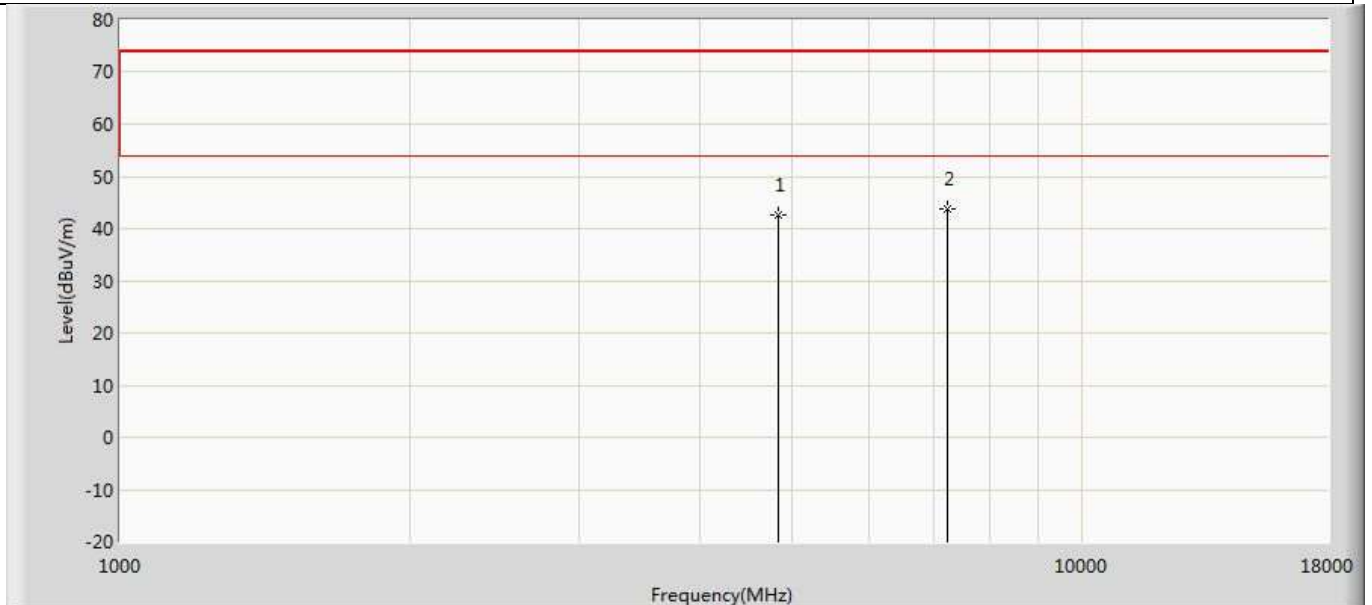
4.1.4 Test Data

Profile: 20B0050R	Page No.: 25
Engineer: Neil	
Site: AC5	Time: 2020/11/30 - 10:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2412MHz by 802.11b	



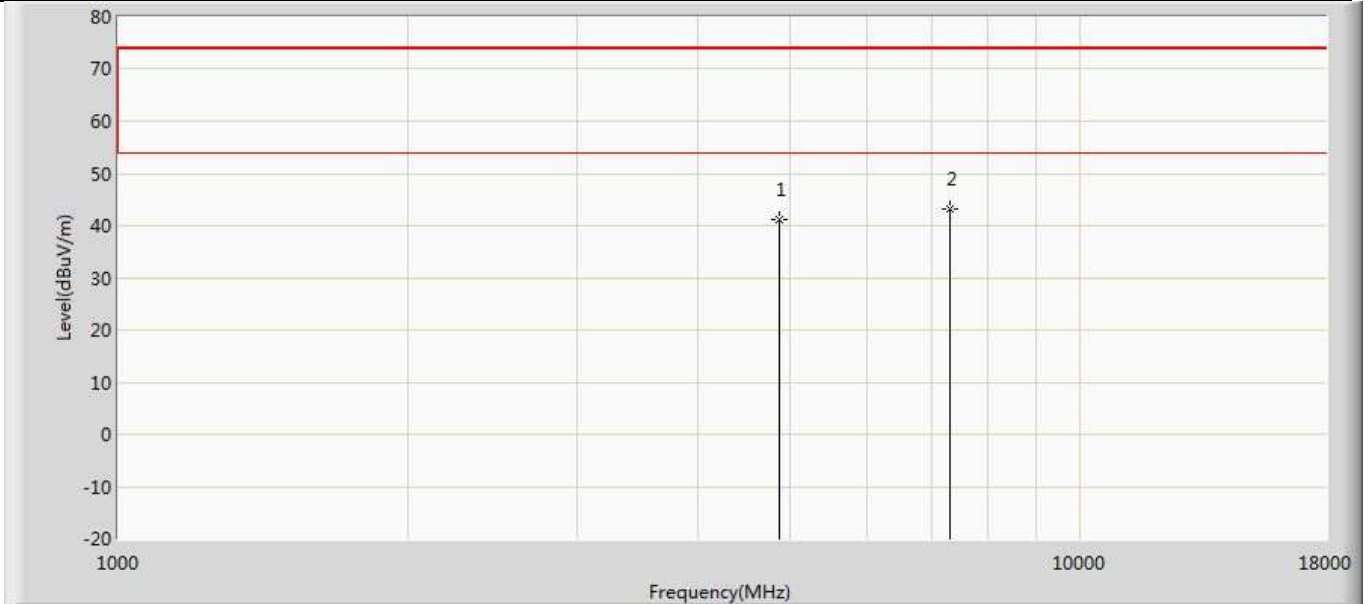
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4825.000	42.083	47.071	-31.917	74.000	-4.988	PK
2	*	7234.000	44.721	46.377	-29.279	74.000	-1.656	PK

Profile: 20B0050R	Page No.: 26
Engineer: Neil	
Site: AC5	Time: 2020/11/30 - 10:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2412MHz by 802.11b	



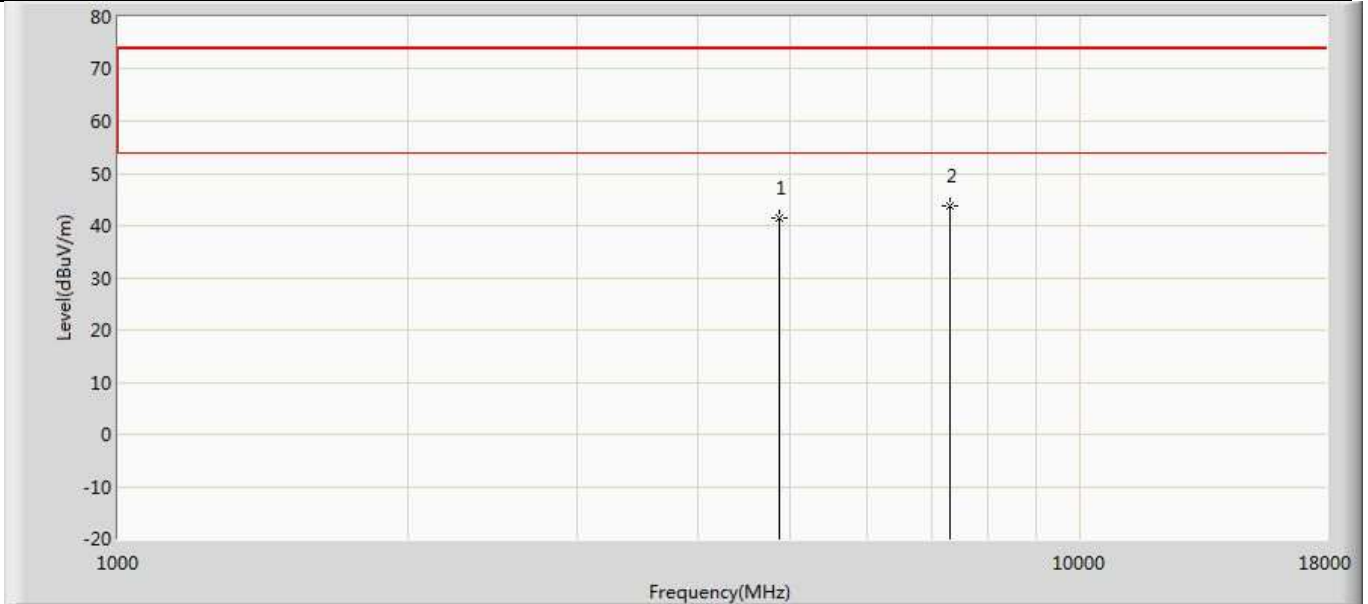
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4826.000	42.579	47.549	-31.421	74.000	-4.969	PK
2	*	7234.000	43.636	45.292	-30.364	74.000	-1.656	PK

Profile: 20B0050R	Page No.: 27
Engineer: Neil	
Site: AC5	Time: 2020/11/30 - 10:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2437MHz by 802.11b	



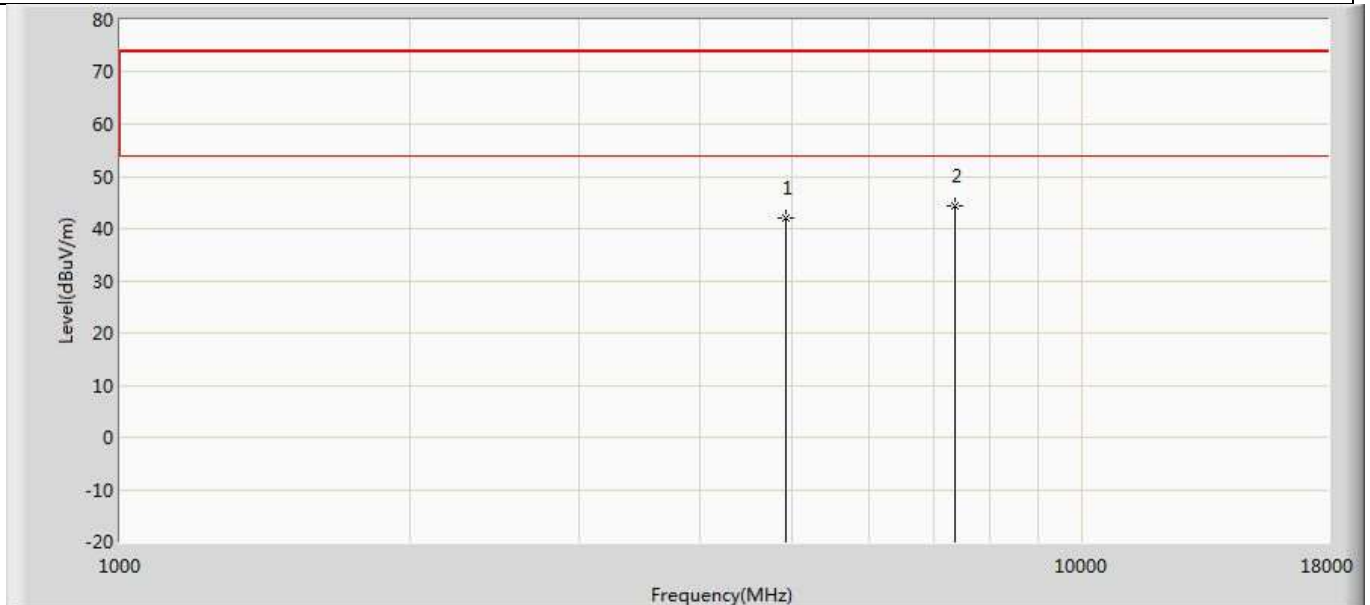
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4872.000	41.028	46.203	-32.972	74.000	-5.175	PK
2	*	7313.000	43.050	45.179	-30.950	74.000	-2.129	PK

Profile: 20B0050R	Page No.: 28
Engineer: Neil	
Site: AC5	Time: 2020/11/30 - 10:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2437MHz by 802.11b	



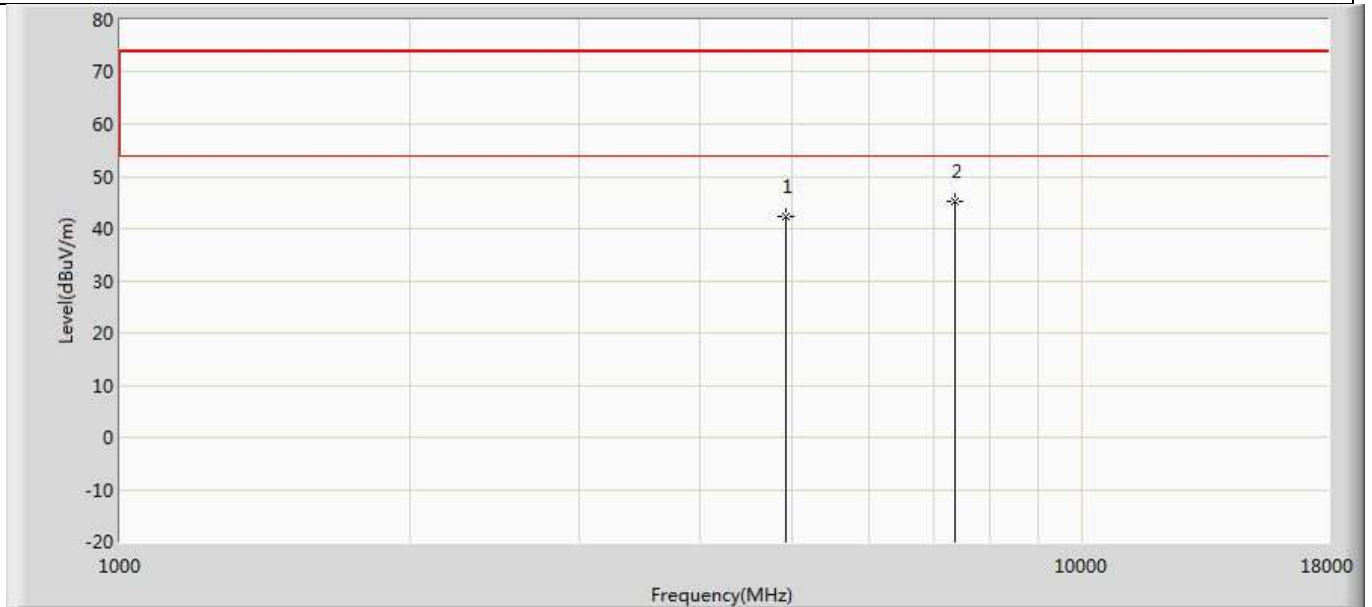
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4872.000	41.531	46.706	-32.469	74.000	-5.175	PK
2	*	7314.000	43.752	45.869	-30.248	74.000	-2.117	PK

Profile: 20B0050R	Page No.: 29
Engineer: Neil	
Site: AC5	Time: 2020/11/30 - 10:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2462MHz by 802.11b	



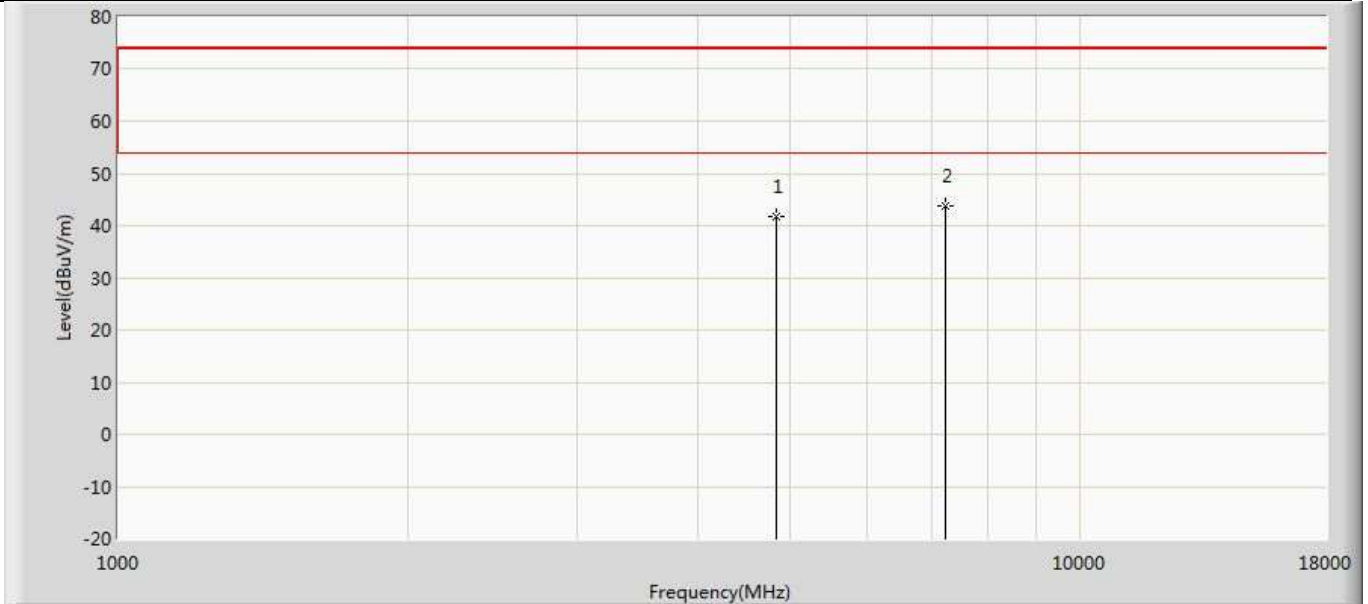
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4926.000	41.978	46.572	-32.022	74.000	-4.594	PK
2	*	7386.000	44.443	46.350	-29.557	74.000	-1.907	PK

Profile: 20B0050R	Page No.: 30
Engineer: Neil	
Site: AC5	Time: 2020/11/30 - 10:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 2462MHz by 802.11b	



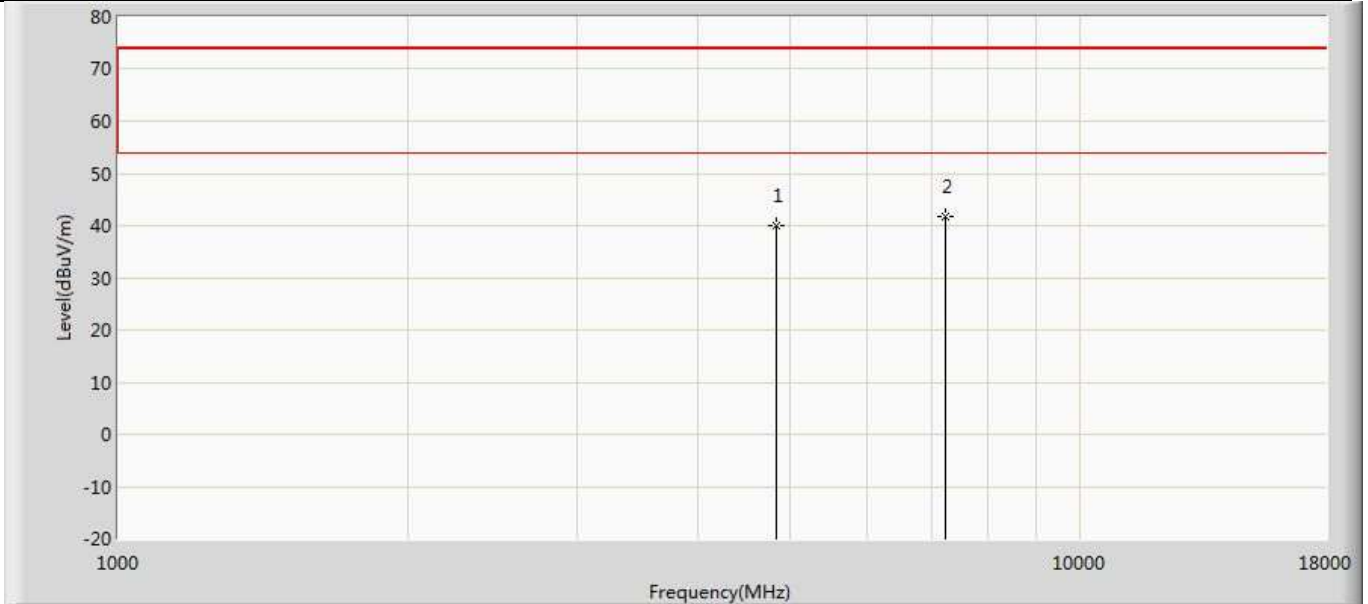
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	42.297	46.948	-31.703	74.000	-4.651	PK
2	*	7386.000	45.259	47.166	-28.741	74.000	-1.907	PK

Profile: 20B0050R	Page No.: 31
Engineer: Neil	
Site: AC5	Time: 2020/11/30 - 10:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2412MHz by 802.11g	



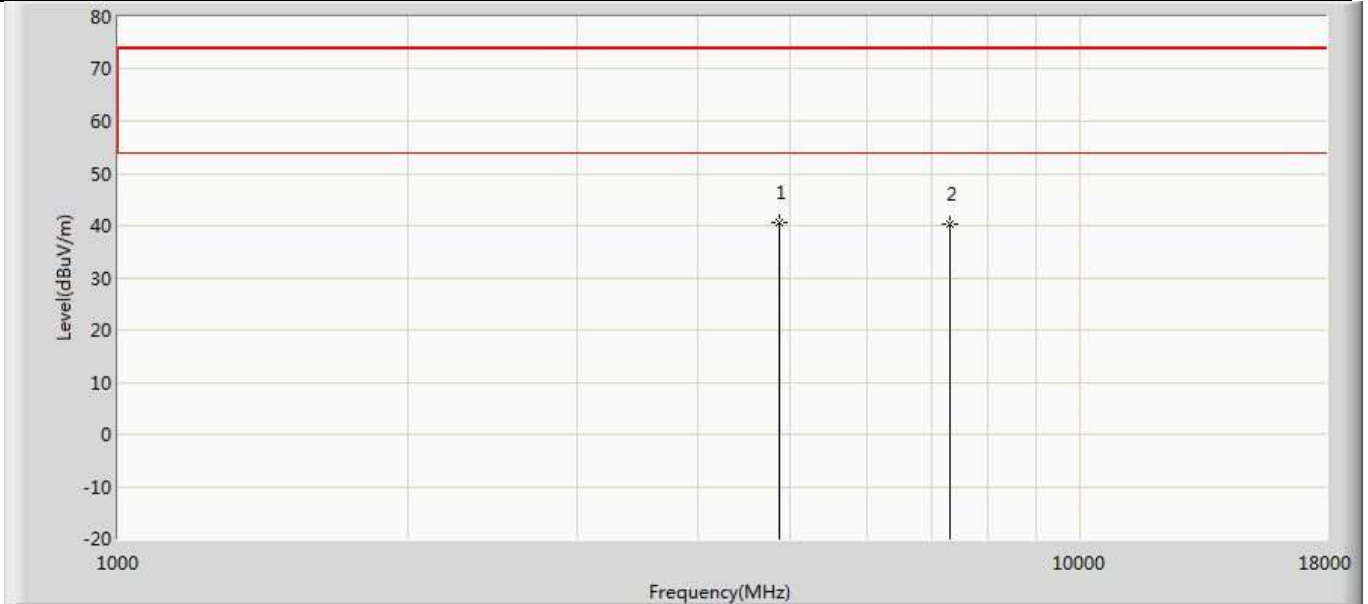
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4826.000	41.804	46.774	-32.196	74.000	-4.969	PK
2	*	7236.000	43.802	45.414	-30.198	74.000	-1.612	PK

Profile: 20B0050R	Page No.: 32
Engineer: Neil	
Site: AC5	Time: 2020/11/30 - 10:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2412MHz by 802.11g	



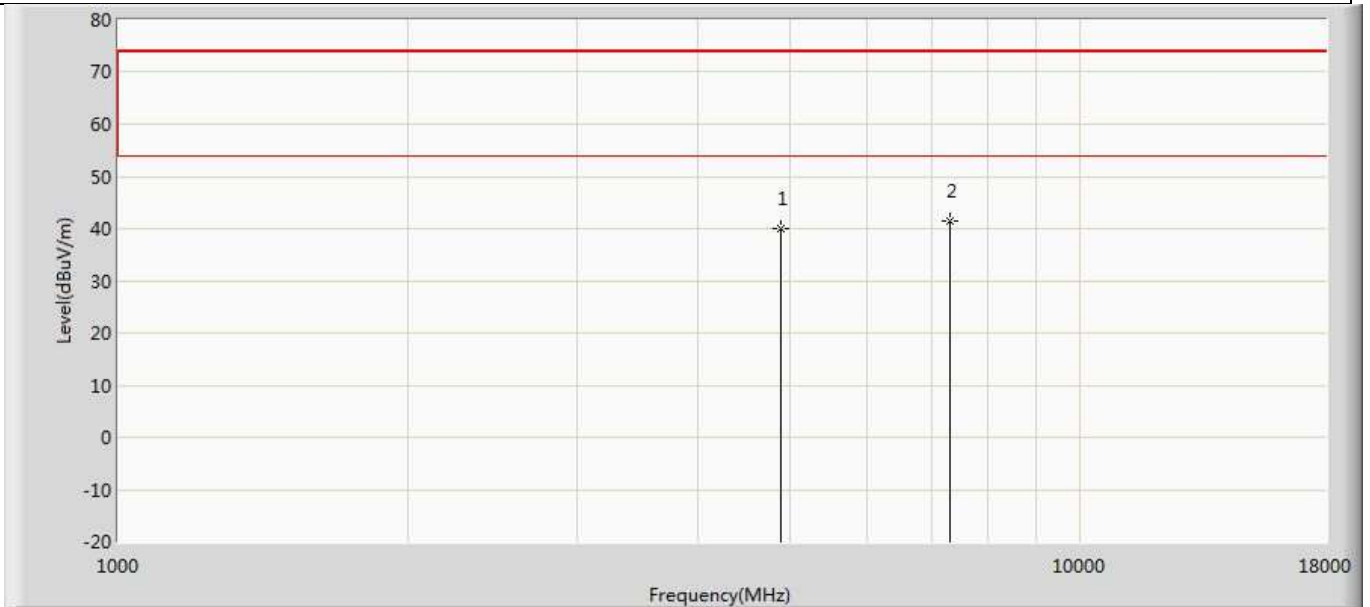
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4825.000	39.887	44.875	-34.113	74.000	-4.988	PK
2	*	7237.000	41.842	43.431	-32.158	74.000	-1.589	PK

Profile: 20B0050R	Page No.: 33
Engineer: Neil	
Site: AC5	Time: 2020/11/30 - 10:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2437MHz by 802.11g	



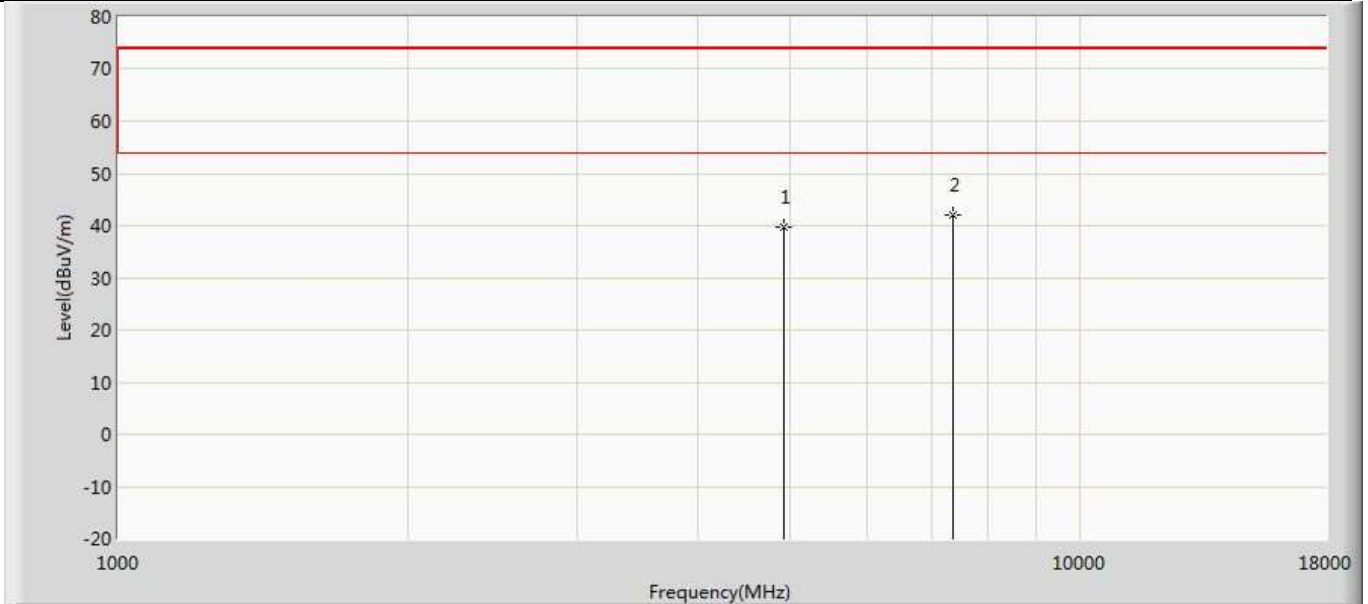
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4875.000	40.551	45.572	-33.449	74.000	-5.020	PK
2		7313.000	40.403	42.532	-33.597	74.000	-2.129	PK

Profile: 20B0050R	Page No.: 34
Engineer: Neil	
Site: AC5	Time: 2020/11/30 - 10:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2437MHz by 802.11g	



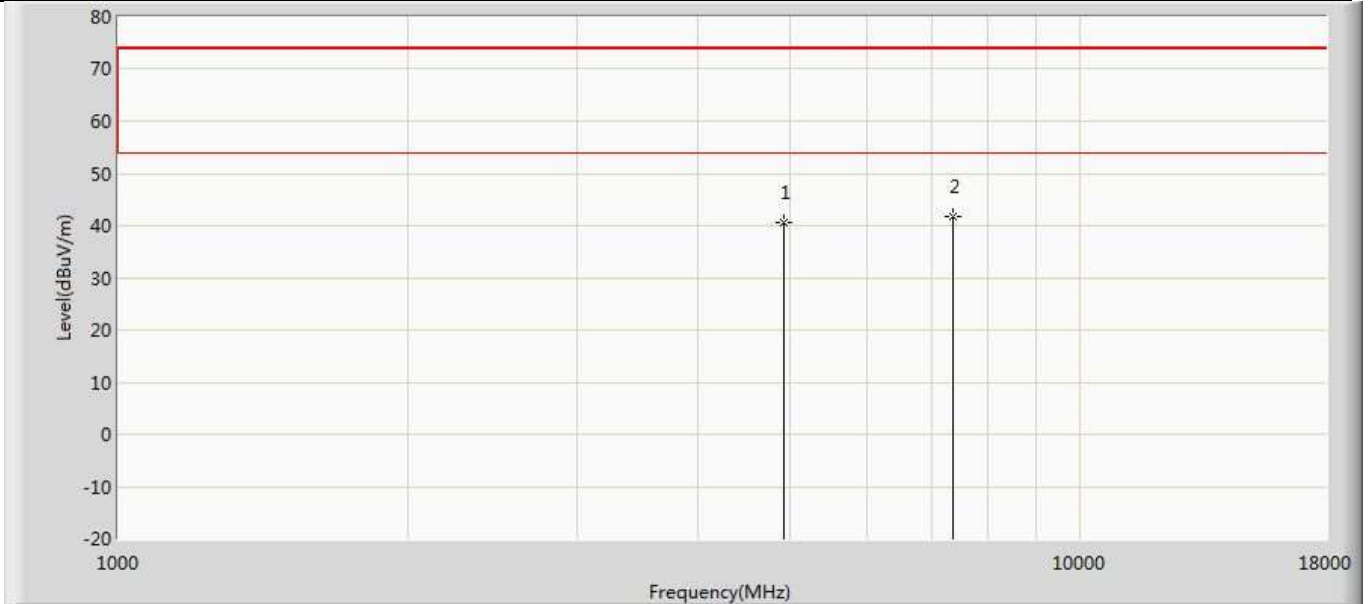
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4889.000	40.068	45.002	-33.932	74.000	-4.933	PK
2	*	7331.000	41.327	43.177	-32.673	74.000	-1.849	PK

Profile: 20B0050R	Page No.: 35
Engineer: Neil	
Site: AC5	Time: 2020/11/30 - 10:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2462MHz by 802.11g	



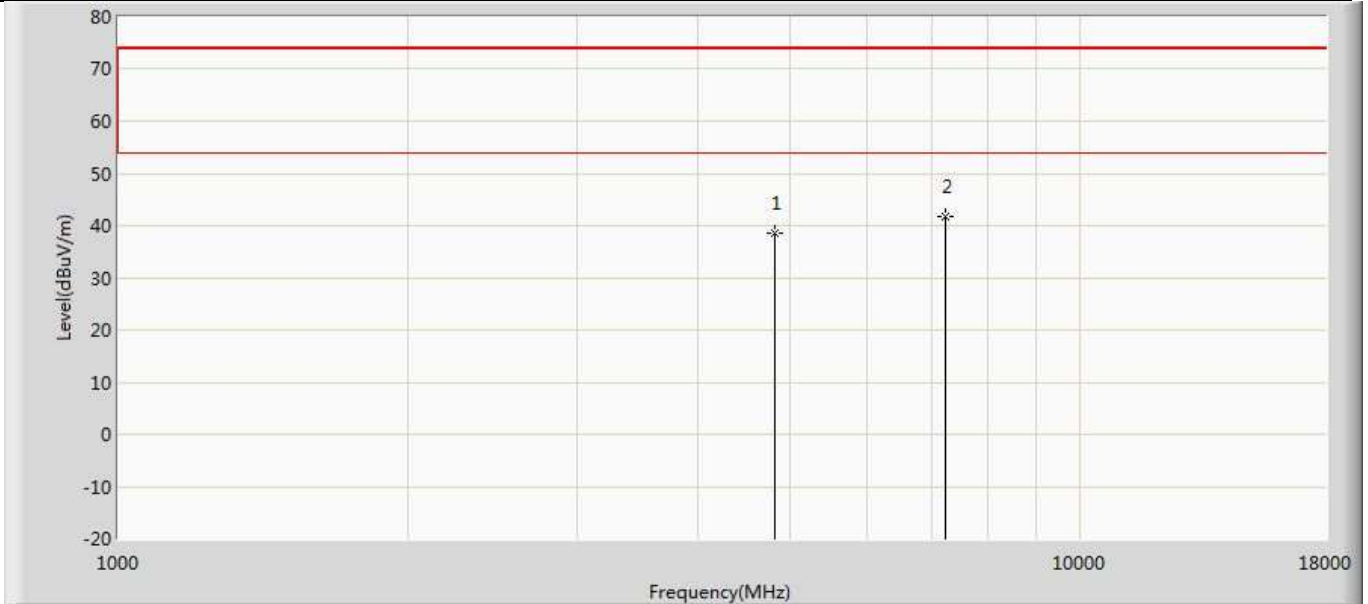
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4921.000	39.612	44.347	-34.388	74.000	-4.736	PK
2	*	7385.000	41.937	43.884	-32.063	74.000	-1.947	PK

Profile: 20B0050R	Page No.: 36
Engineer: Neil	
Site: AC5	Time: 2020/11/30 - 10:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 2462MHz by 802.11g	



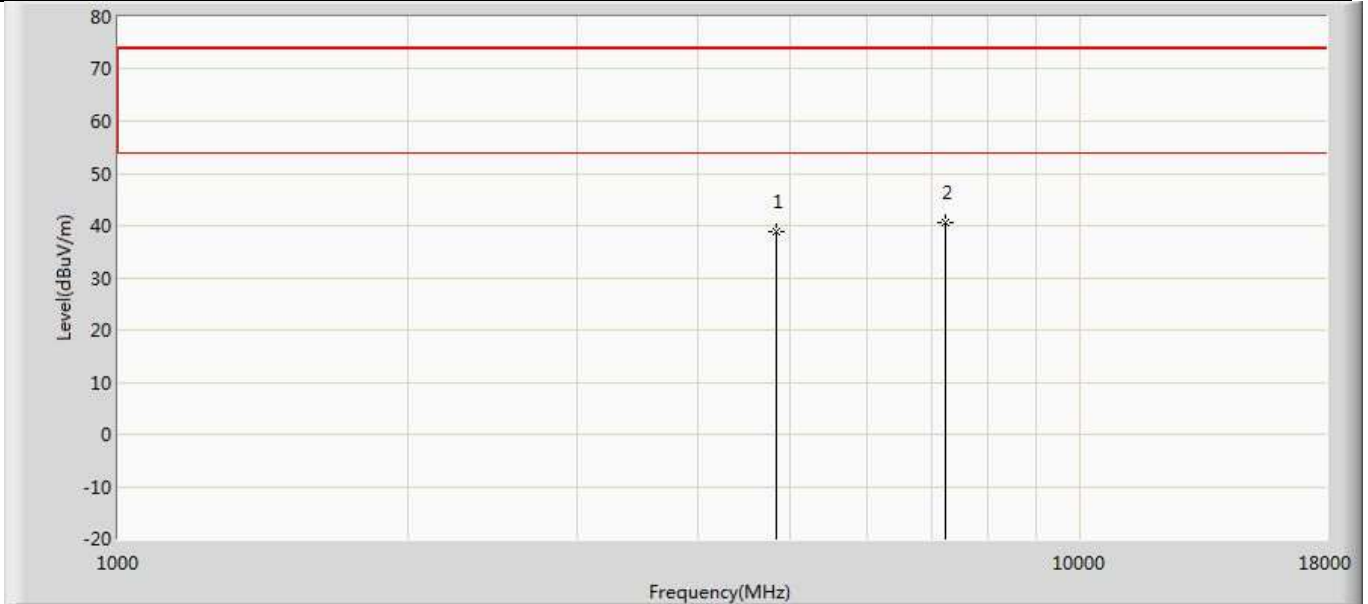
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	40.494	45.145	-33.506	74.000	-4.651	PK
2	*	7385.000	41.841	43.788	-32.159	74.000	-1.947	PK

Profile: 20B0050R	Page No.: 37
Engineer: Neil	
Site: AC5	Time: 2020/11/30 - 10:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2412MHz by 802.11n(20MHz)	



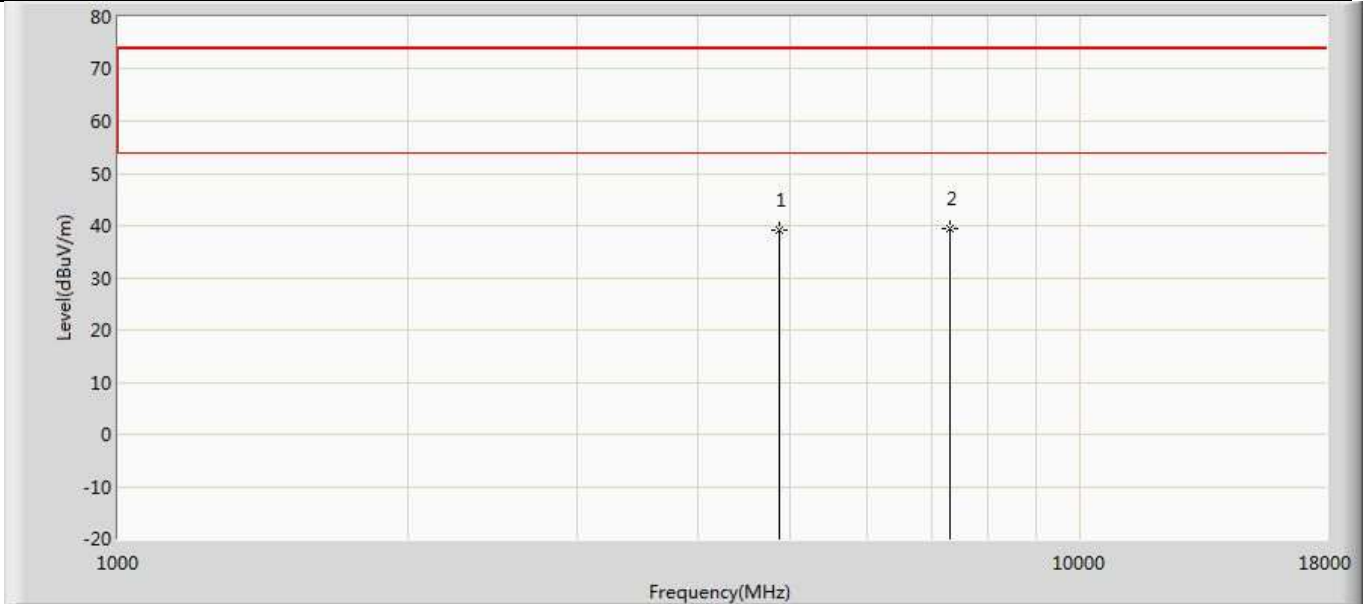
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4823.000	38.481	43.427	-35.519	74.000	-4.946	PK
2	*	7231.000	41.873	43.595	-32.127	74.000	-1.723	PK

Profile: 20B0050R	Page No.: 38
Engineer: Neil	
Site: AC5	Time: 2020/11/30 - 10:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2412MHz by 802.11n(20MHz)	



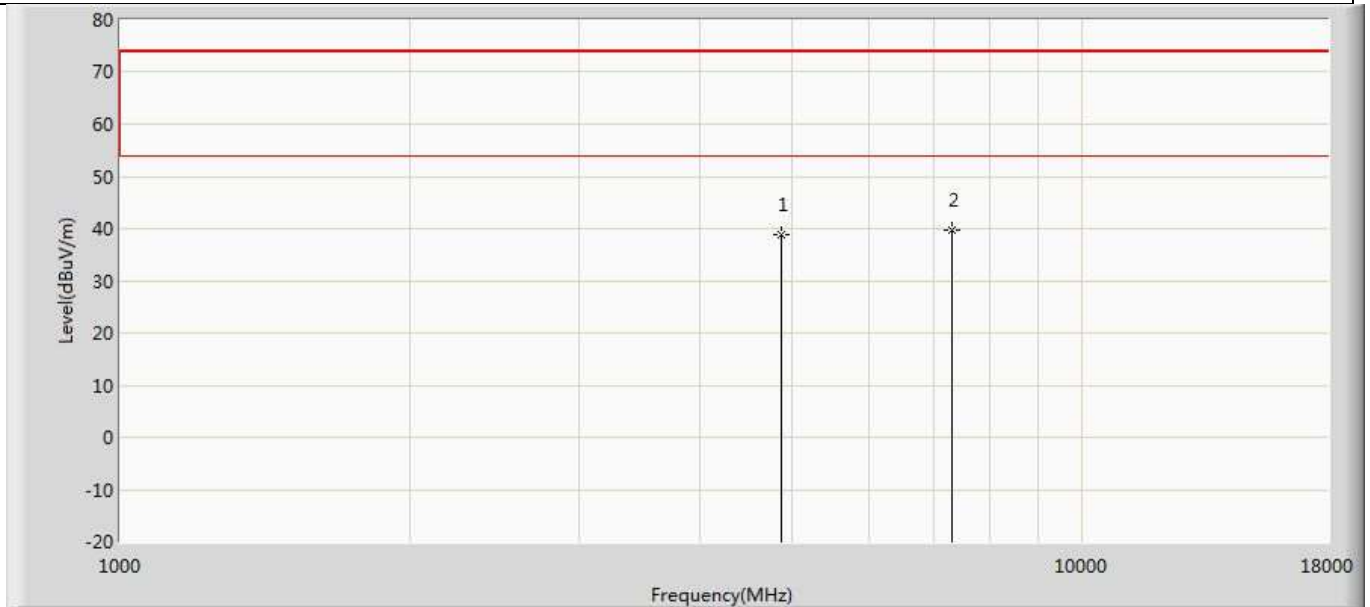
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	38.708	43.675	-35.292	74.000	-4.967	PK
2	*	7233.000	40.580	42.258	-33.420	74.000	-1.679	PK

Profile: 20B0050R	Page No.: 39
Engineer: Neil	
Site: AC5	Time: 2020/11/30 - 10:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2437MHz by 802.11n(20MHz)	



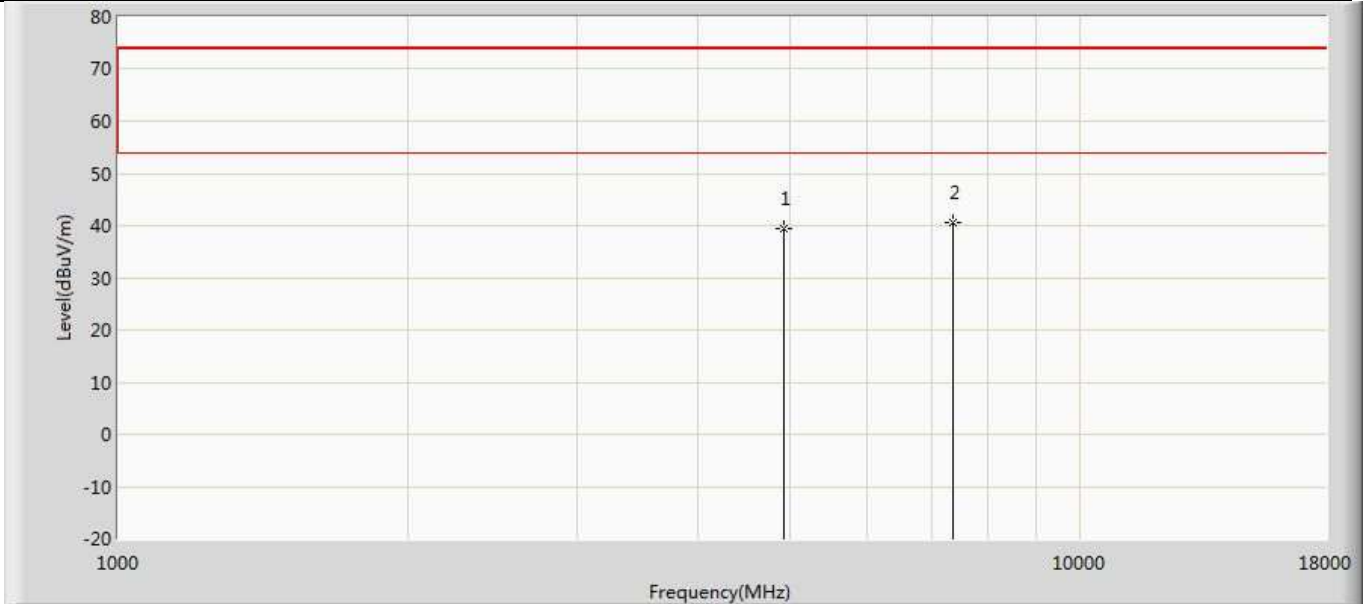
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4875.000	39.216	44.237	-34.784	74.000	-5.020	PK
2	*	7311.000	39.468	41.622	-34.532	74.000	-2.155	PK

Profile: 20B0050R	Page No.: 40
Engineer: Neil	
Site: AC5	Time: 2020/11/30 - 10:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2437MHz by 802.11n(20MHz)	



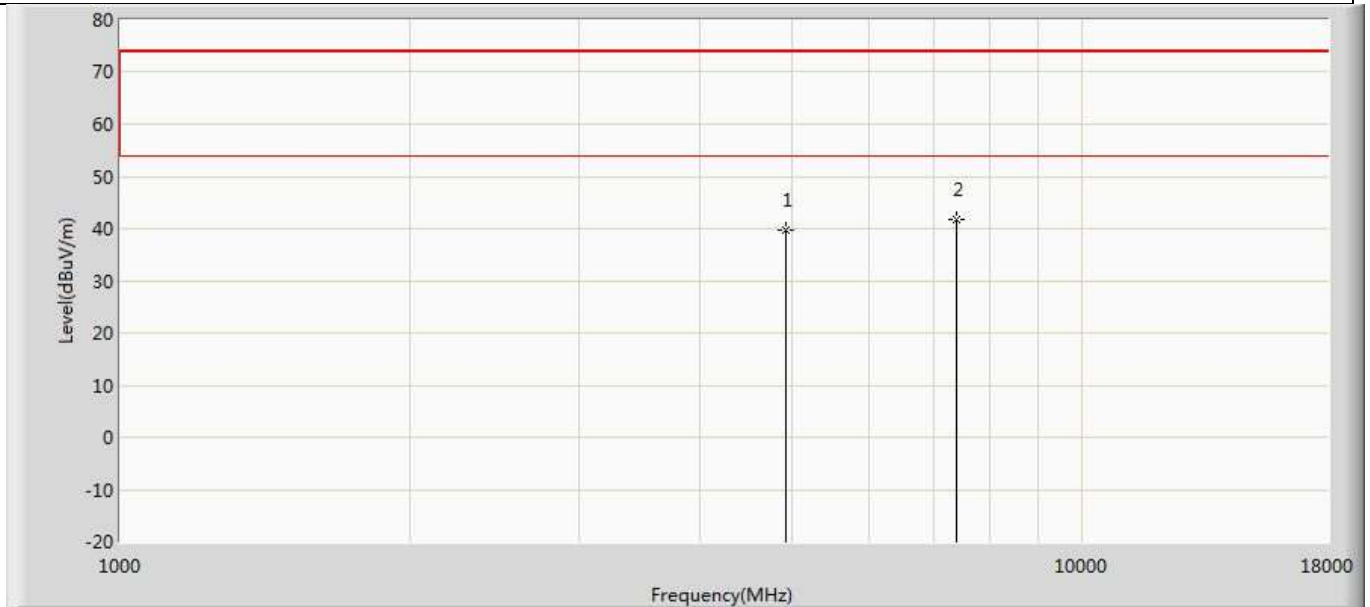
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4875.000	38.871	43.892	-35.129	74.000	-5.020	PK
2	*	7309.000	39.679	41.858	-34.321	74.000	-2.178	PK

Profile: 20B0050R	Page No.: 41
Engineer: Neil	
Site: AC5	Time: 2020/11/30 - 10:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2462MHz by 802.11n(20MHz)	



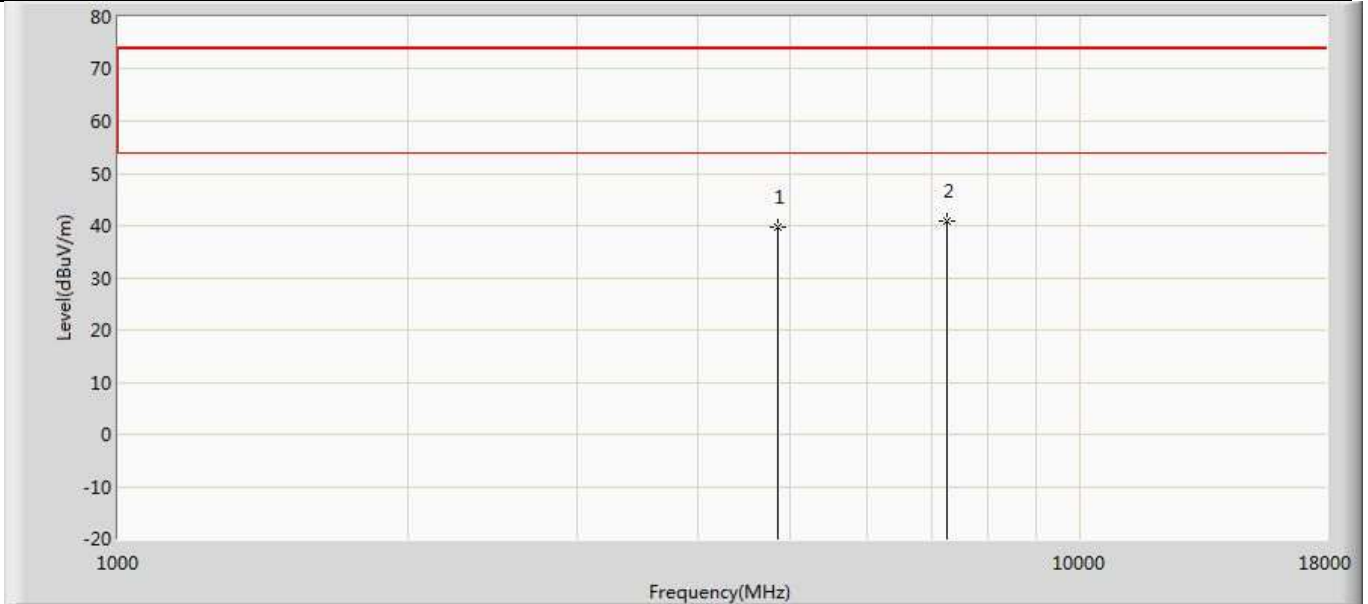
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4925.000	39.291	43.913	-34.709	74.000	-4.622	PK
2	*	7386.000	40.702	42.609	-33.298	74.000	-1.907	PK

Profile: 20B0050R	Page No.: 42
Engineer: Neil	
Site: AC5	Time: 2020/11/30 - 10:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2462MHz by 802.11n(20MHz)	



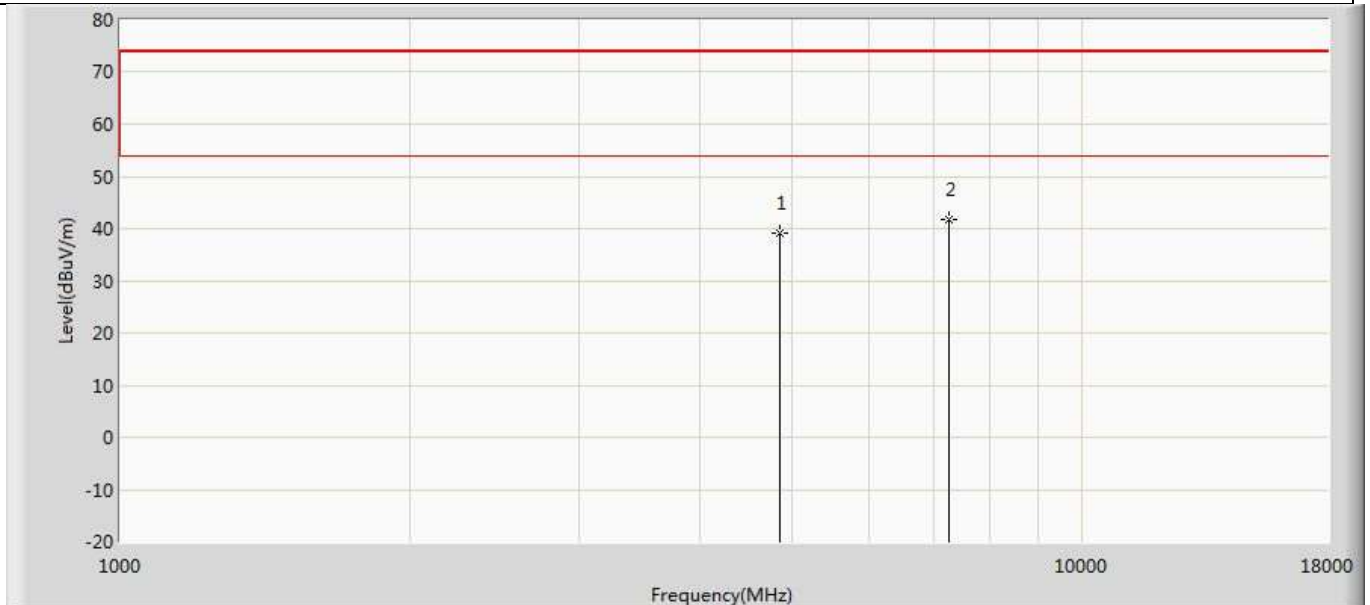
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	39.673	44.324	-34.327	74.000	-4.651	PK
2	*	7388.000	41.855	43.681	-32.145	74.000	-1.826	PK

Profile: 20B0050R	Page No.: 43
Engineer: Neil	
Site: AC5	Time: 2020/11/30 - 10:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2422MHz by 802.11n(40MHz)	



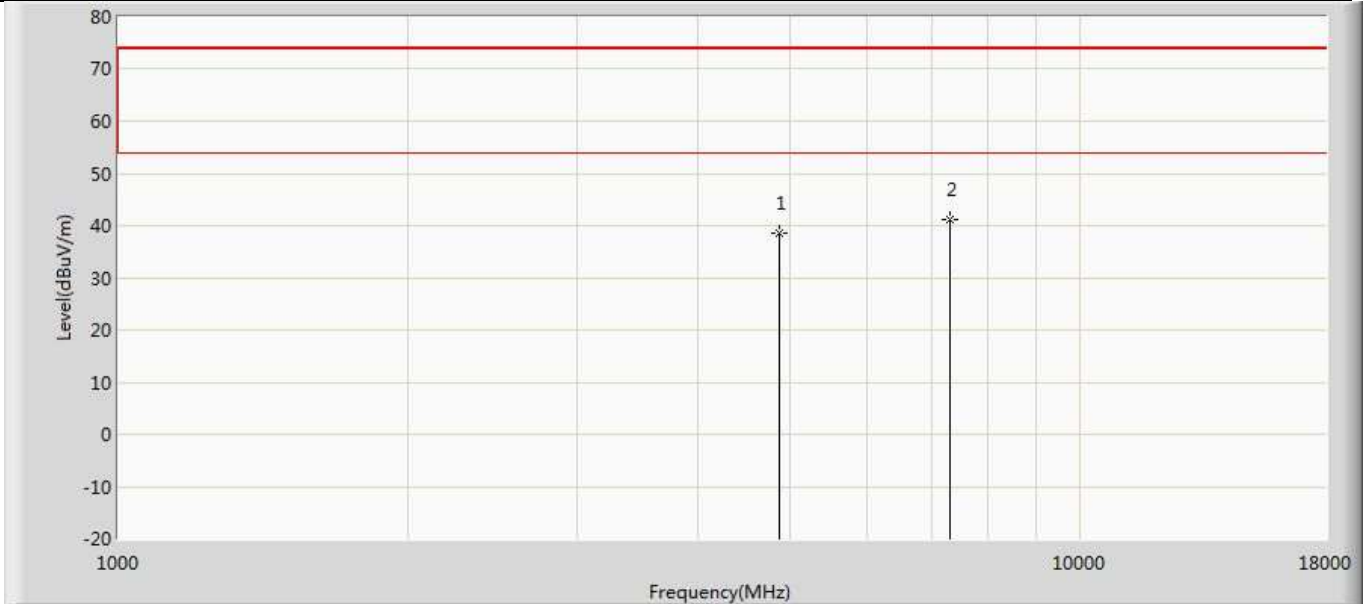
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4844.000	39.744	44.565	-34.256	74.000	-4.821	PK
2	*	7266.000	40.867	42.659	-33.133	74.000	-1.792	PK

Profile: 20B0050R	Page No.: 44
Engineer: Neil	
Site: AC5	Time: 2020/11/30 - 10:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2422MHz by 802.11n(40MHz)	



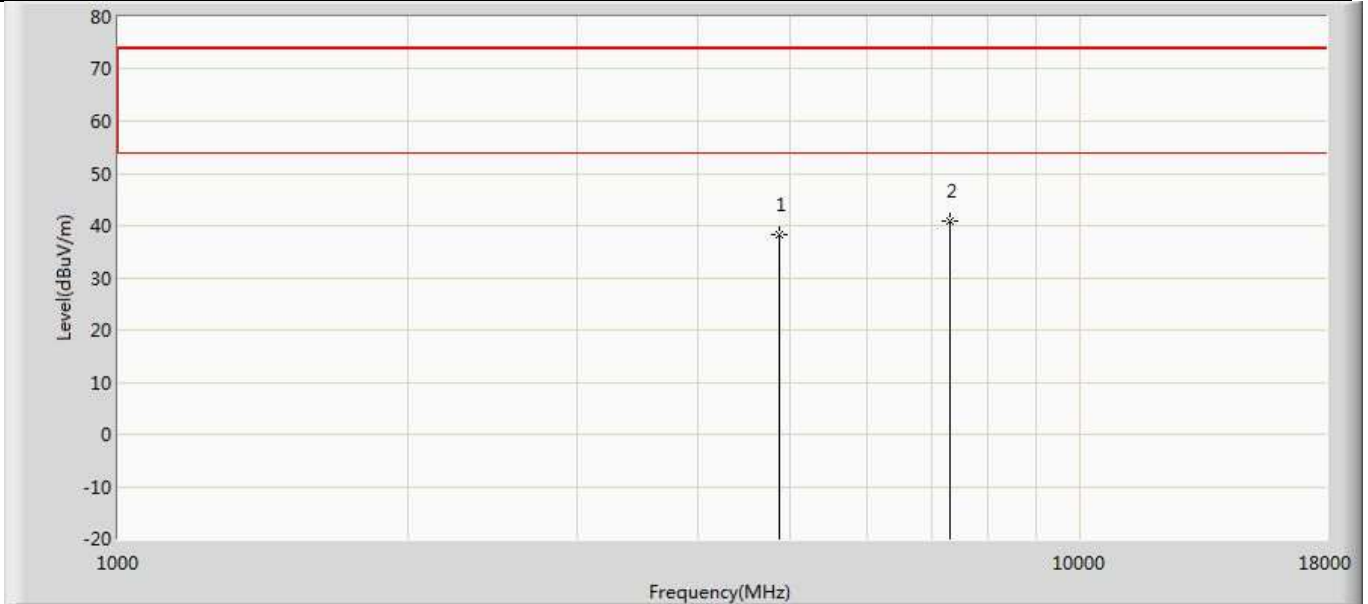
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4844.000	39.047	43.868	-34.953	74.000	-4.821	PK
2	*	7266.000	41.739	43.531	-32.261	74.000	-1.792	PK

Profile: 20B0050R	Page No.: 45
Engineer: Neil	
Site: AC5	Time: 2020/11/30 - 10:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2437MHz by 802.11n(40MHz)	



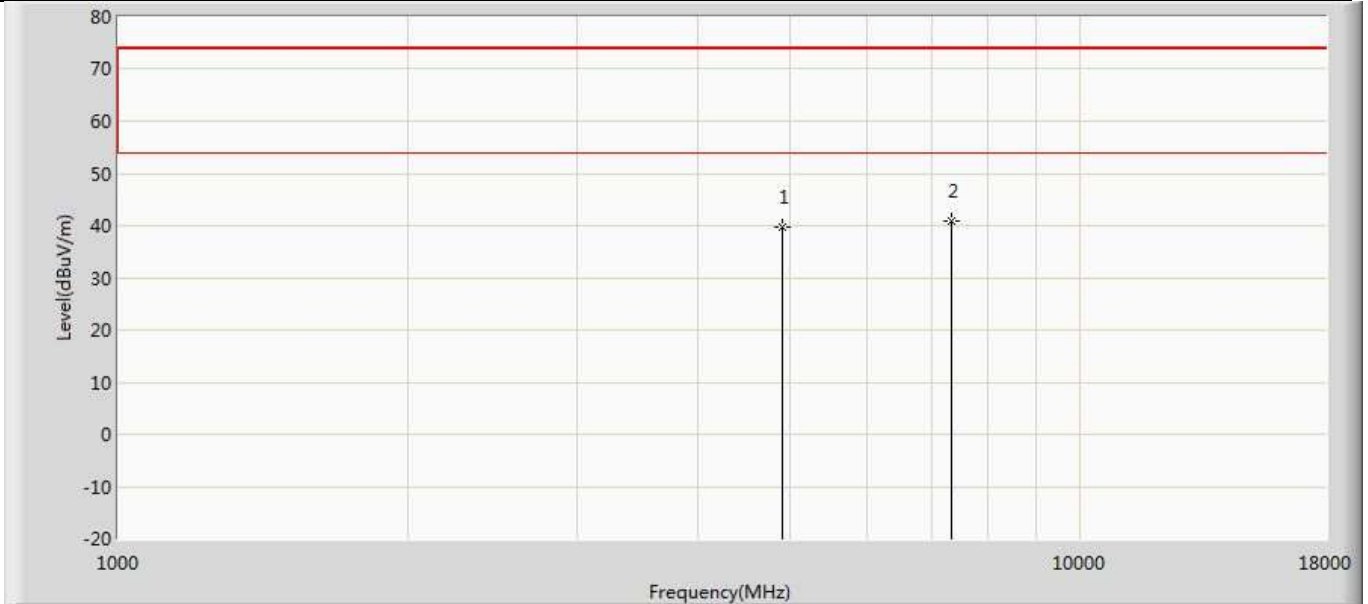
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4875.000	38.410	43.431	-35.590	74.000	-5.020	PK
2	*	7312.000	41.236	43.377	-32.764	74.000	-2.141	PK

Profile: 20B0050R	Page No.: 46
Engineer: Neil	
Site: AC5	Time: 2020/11/30 - 11:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2437MHz by 802.11n(40MHz)	



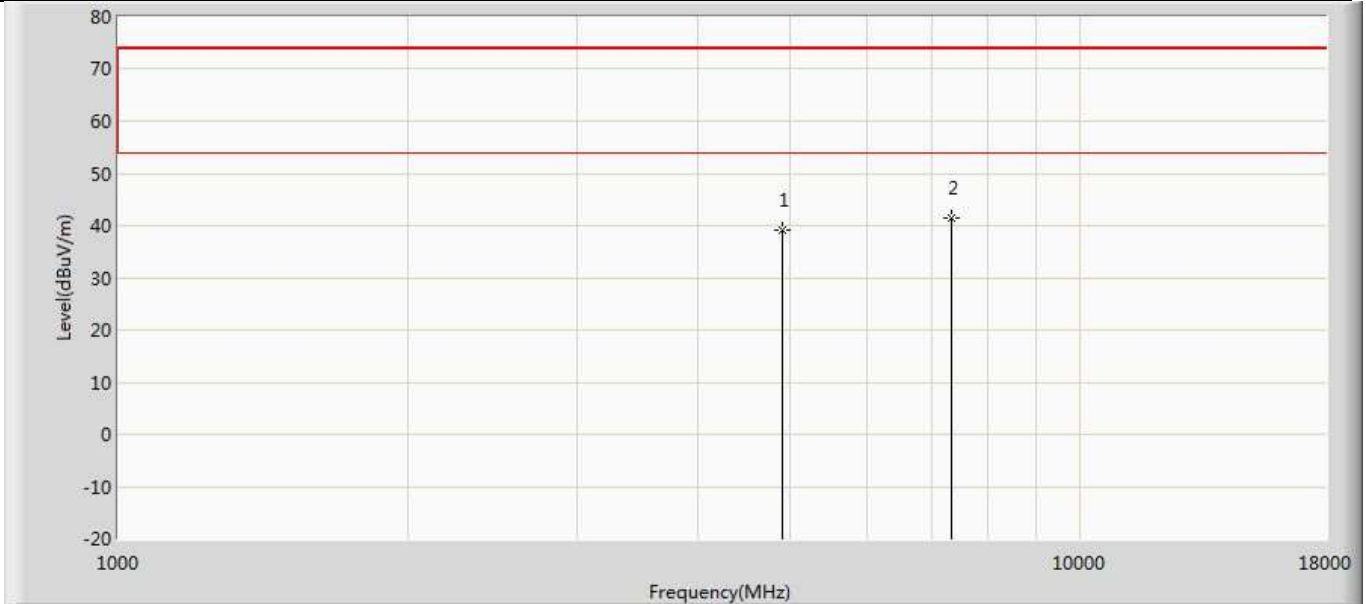
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4875.000	38.320	43.341	-35.680	74.000	-5.020	PK
2	*	7311.000	40.931	43.085	-33.069	74.000	-2.155	PK

Profile: 20B0050R	Page No.: 47
Engineer: Neil	
Site: AC5	Time: 2020/11/30 - 11:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2452MHz by 802.11n(40MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4903.000	39.781	44.776	-34.219	74.000	-4.995	PK
2	*	7355.000	40.841	43.197	-33.159	74.000	-2.356	PK

Profile: 20B0050R	Page No.: 48
Engineer: Neil	
Site: AC5	Time: 2020/11/30 - 11:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2452MHz by 802.11n(40MHz)	

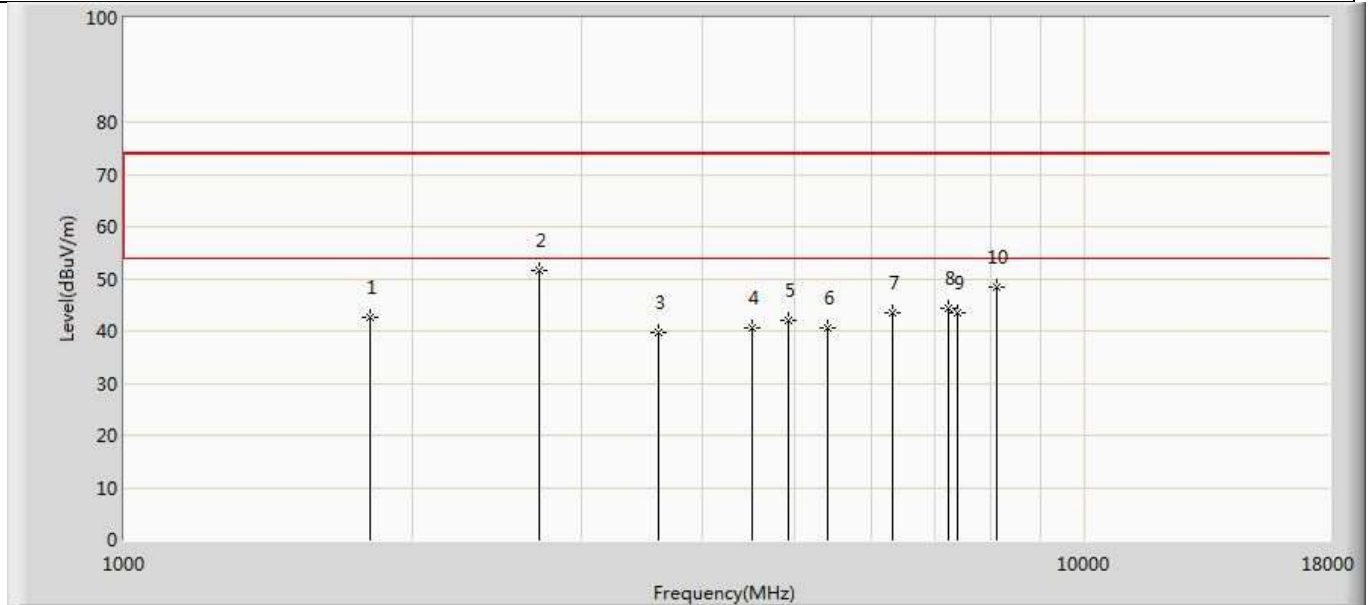


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4904.000	39.123	44.126	-34.877	74.000	-5.004	PK
2	*	7356.000	41.511	43.918	-32.489	74.000	-2.407	PK

Remark	<p>1. " * ", means this data is the worst emission level.</p> <p>2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).</p> <p>3. The test frequency range, 9kHz~30MHz and Above 18GHz worst case are at least 6dB below the limits, therefore no data appear in the report.</p> <p>4. 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.</p>
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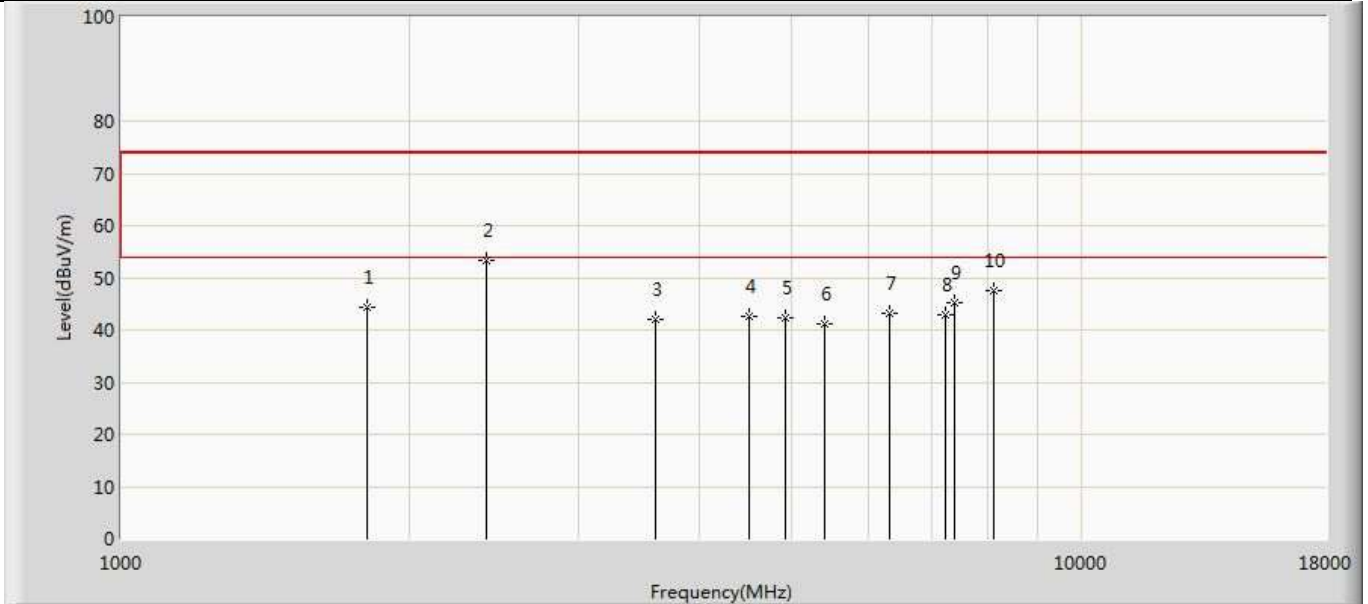
The worst case of Radiated Emission below 1GHz:

Profile: 20B0050R	Page No.: 69
Engineer: Tim.Cao	
Site: AC5	Time: 2021/02/03 - 18:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power: AC 120V/60Hz
Note: Mode 1: Simultaneous transmission	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		1804.400	42.513	53.933	-31.487	74.000	-11.420	PK
2	*	2706.600	51.468	60.245	-22.532	74.000	-8.777	PK
3		3608.800	39.842	46.770	-34.158	74.000	-6.928	PK
4		4511.000	40.698	46.157	-33.302	74.000	-5.459	PK
5		4926.000	41.936	46.530	-32.064	74.000	-4.594	PK
6		5413.200	40.681	44.528	-33.319	74.000	-3.847	PK
7		6315.400	43.520	46.096	-30.480	74.000	-2.576	PK
8		7217.600	44.394	46.377	-29.606	74.000	-1.983	PK
9		7386.000	43.408	45.315	-30.592	74.000	-1.907	PK
10		8119.800	48.354	50.064	-25.646	74.000	-1.710	PK

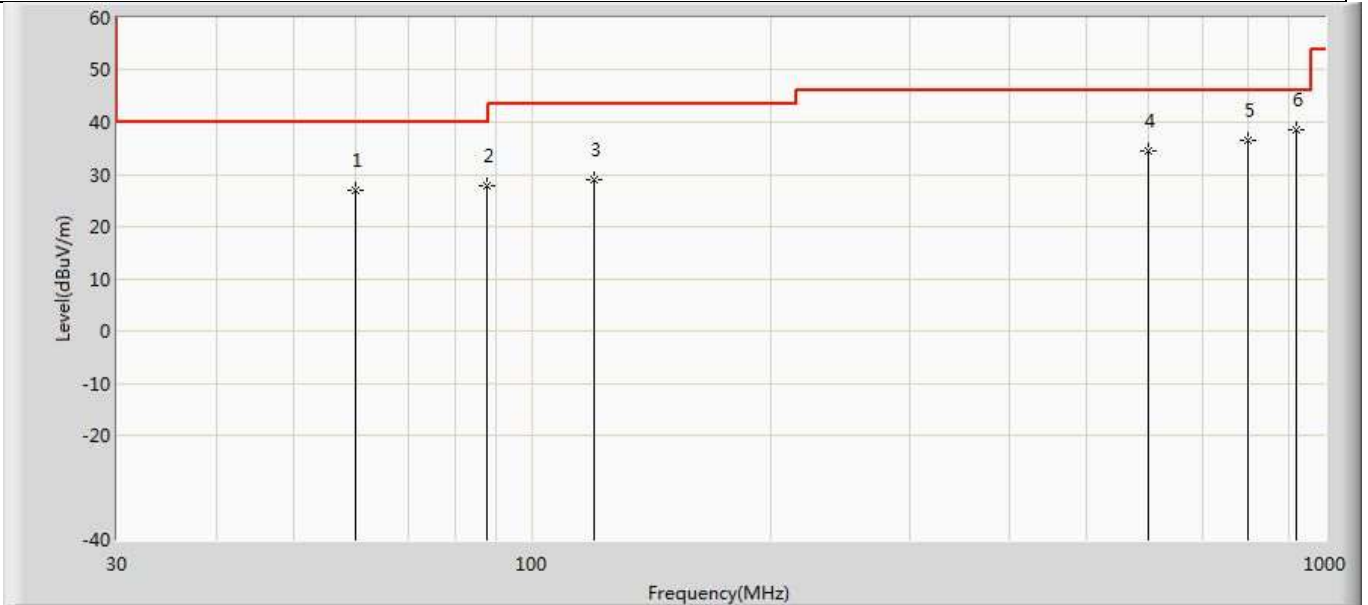
Profile: 20B0050R	Page No.: 70
Engineer: Tim.Cao	
Site: AC5	Time: 2021/02/03 - 18:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power: AC 120V/60Hz
Note: Mode 1: Simultaneous transmission	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		1804.400	44.366	55.786	-29.634	74.000	-11.420	PK
2	*	2406.600	53.242	62.019	-20.758	74.000	-8.777	PK
3		3608.800	42.031	48.959	-31.969	74.000	-6.928	PK
4		4511.000	42.673	48.132	-31.327	74.000	-5.459	PK
5		4924.000	42.185	46.836	-31.815	74.000	-4.651	PK
6		5413.200	41.149	44.996	-32.851	74.000	-3.847	PK
7		6315.400	43.054	45.630	-30.946	74.000	-2.576	PK
8		7217.600	42.758	44.741	-31.242	74.000	-1.983	PK
9		7386.000	45.227	47.134	-28.773	74.000	-1.907	PK
10		8119.800	47.614	49.324	-26.386	74.000	-1.710	PK

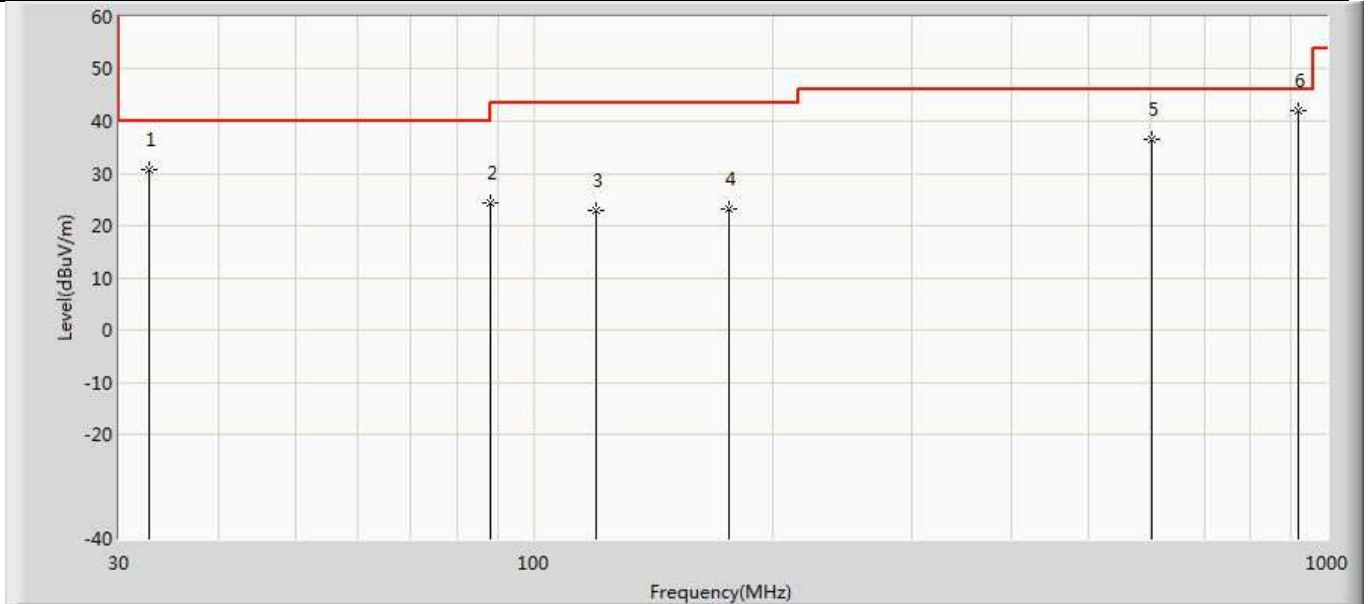
The worst case of Radiated Emission below 1GHz:

Profile: 20B0050R	Page No.: 11
Engineer: Neil	
Site: AC2	Time: 2020/11/27 - 09:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: AC2_3M(30-1000M)	Polarity: Vertical
EUT: Ring bridge LDO V2	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)	Type
1		60.070	26.935	10.745	-13.065	40.000	16.190	QP
2		87.957	27.920	11.281	-12.080	40.000	16.638	QP
3		119.967	29.027	8.339	-14.473	43.500	20.687	QP
4		599.996	34.369	6.770	-11.631	46.000	27.599	QP
5		800.059	36.654	5.515	-9.346	46.000	31.139	QP
6	*	920.096	38.419	6.682	-7.581	46.000	31.737	QP

Profile: 20B0050R	Page No.: 12
Engineer: Neil	
Site: AC2	Time: 2020/11/27 - 09:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: AC2_3M(30-1000M)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power: AC 120V/60Hz
Note: Mode 1	

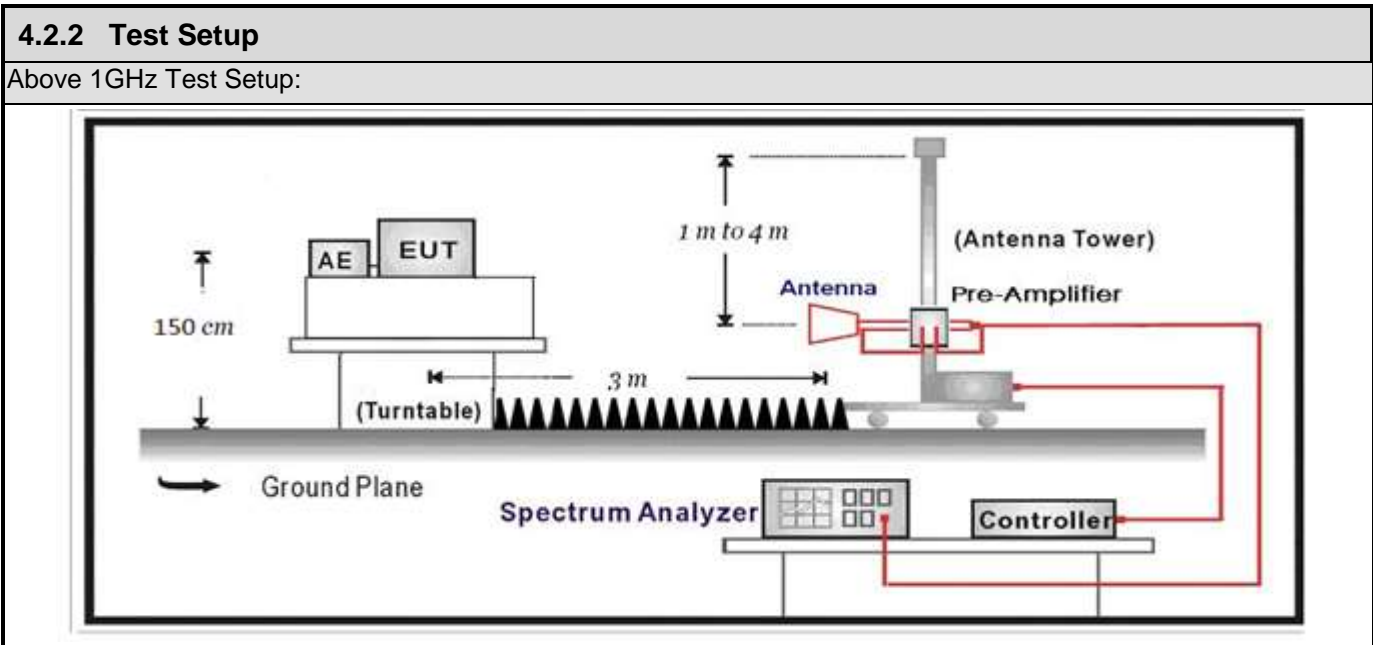


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		32.789	30.816	3.774	-9.184	40.000	27.042	QP
2		88.200	24.454	10.620	-19.046	43.500	13.834	QP
3		119.967	22.897	6.346	-20.603	43.500	16.550	QP
4		175.985	23.309	6.351	-20.191	43.500	16.958	QP
5		600.117	36.625	7.694	-9.375	46.000	28.931	QP
6	*	919.975	41.962	9.443	-4.038	46.000	32.519	QP

Remark	<p>1. " * ", means this data is the worst emission level.</p> <p>2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).</p> <p>3. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.</p>
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4.2 Radiated Emission Band Edge	VERDICT: PASS
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4.2.1 Limit				
Standard		FCC Part 15 Subpart C Paragraph 15.247(d) , 15.205, 15.209		
Frequency bands (MHz)	Detector	Limit (dB μ V/m)	RBW (MHz)	Distance (m)
2310-2390	PK	74	1	3
2483.5-2500	AV	54	1	3
Note: The field strength of emissions appearing within these frequency bands shall not exceed the limits.				



4.2.3 Test Procedure			
	References Rule	Chapter	Description
<input checked="" type="checkbox"/>	ANSI C63.10	6.10	Band-edge testing
	<input checked="" type="checkbox"/> ANSI C63.10	6.10.5	Restricted-band band-edge measurements
	<input type="checkbox"/> ANSI C63.10	6.10.6	Marker-delta method
<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	6.3	Radiated spurious emission test
<input type="checkbox"/>	ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
<input 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
	<input type="checkbox"/> ANSI C63.10	11.12.2	Antenna-port conducted measurements
	<input type="checkbox"/> ANSI C63.10	11.12.2.3	Quasi-peak measurement procedure
	<input type="checkbox"/> ANSI C63.10	11.12.2.4	Peak power measurement procedure
	<input type="checkbox"/> ANSI C63.10	11.12.2.5	Average power measurement procedures
	<input type="checkbox"/> ANSI C63.10	11.12.2.5.1	Trace averaging with continuous EUT transmission at full power
	<input type="checkbox"/> ANSI C63.10	11.12.2.5.2	Trace averaging across ON and OFF times of the EUT transmissions followed by duty cycle correction
	<input type="checkbox"/> ANSI C63.10	11.12.2.5.3	Reduced VBW averaging across ON and OFF times of the EUT transmissions with max hold

4.2.4 Test Data

Test Mode	Tx On (ms)	VBW	Tx On + Tx Off (ms)	Duty Cycle
1	--	10Hz	--	100%
2	--	10Hz	--	100%
3	--	10Hz	--	100%
4	--	10Hz	--	100%

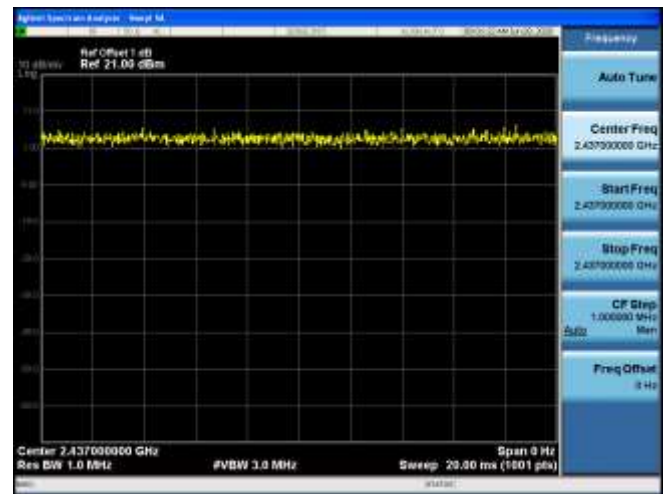
Note 1: T means the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

Note 2: According to KDB 558074, when test for Radiated Emission Band Edge and Radiated Emission, for average detector set: VBW $\geq 1/T$ will be used.

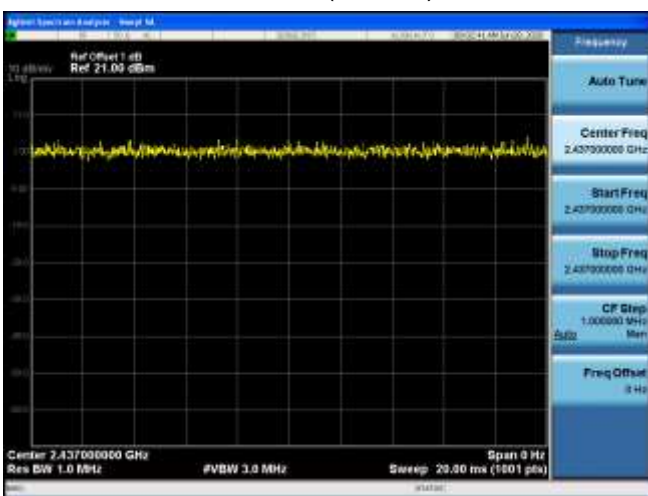
802.11b



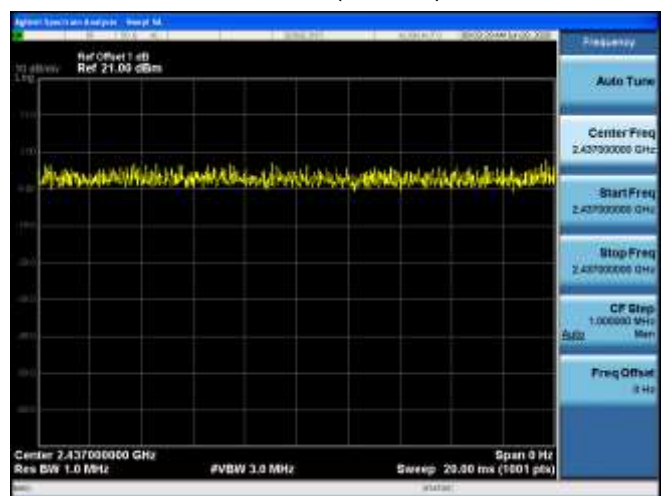
802.11g



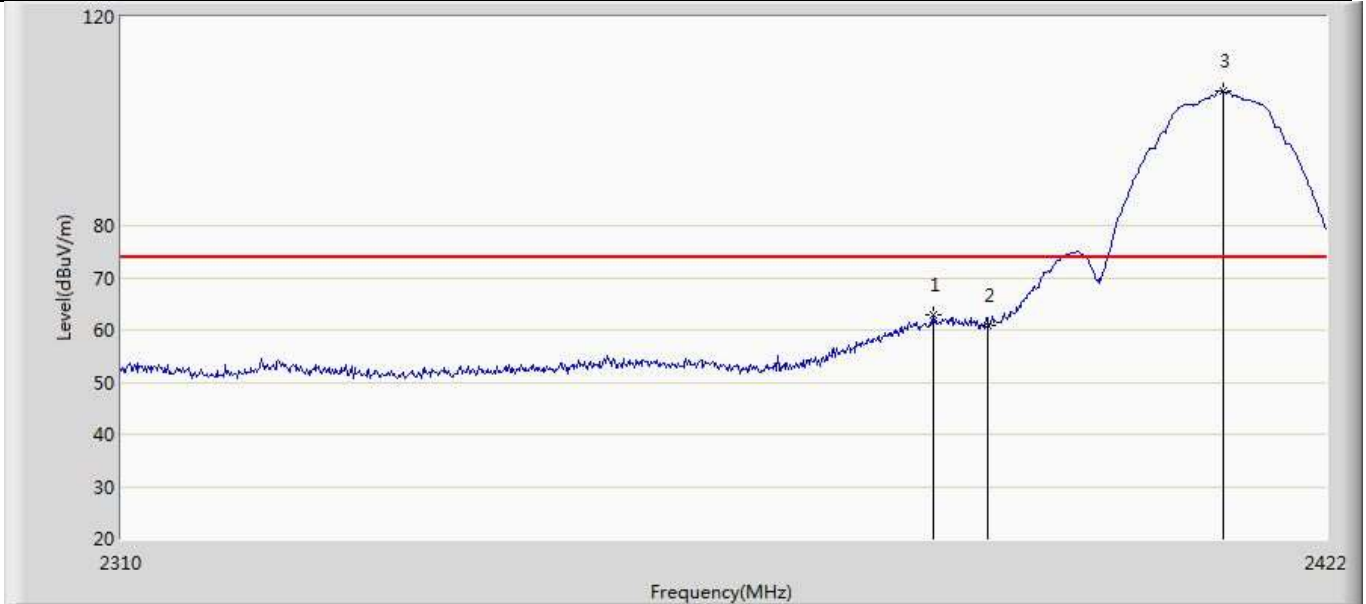
802.11n(20MHz)



802.11n(40MHz)

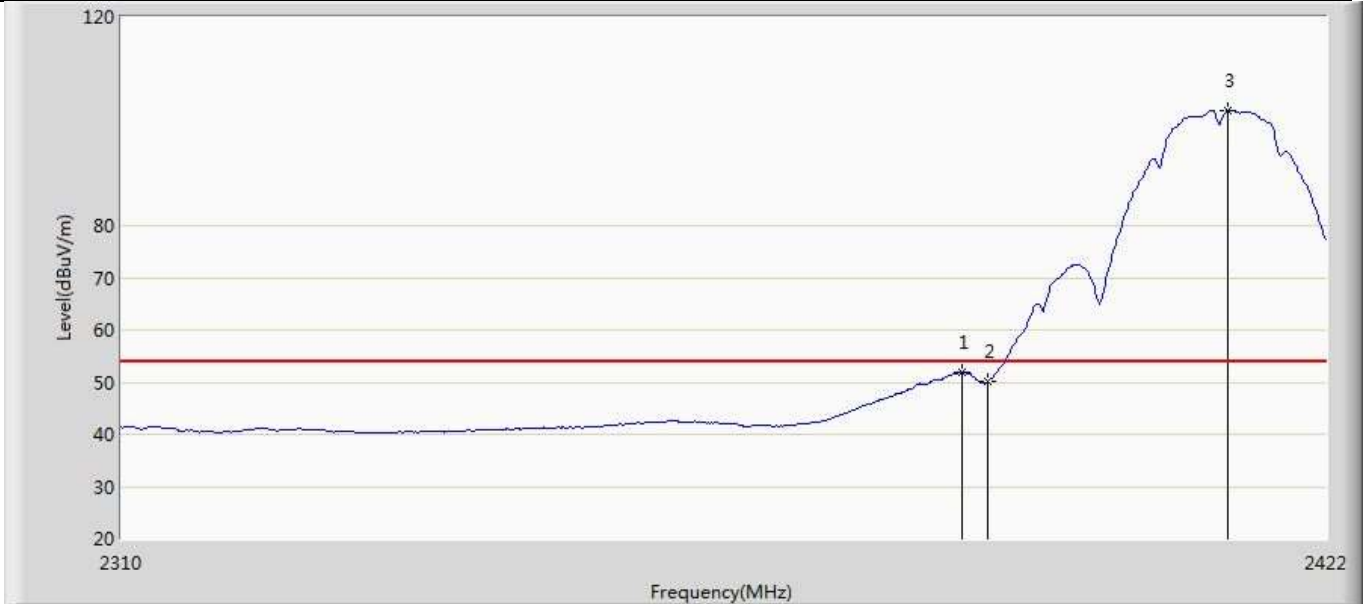


Profile: 20B0050R	Page No.: 2
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 20:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 1: Transmit at 2412MHz by 802.11b	



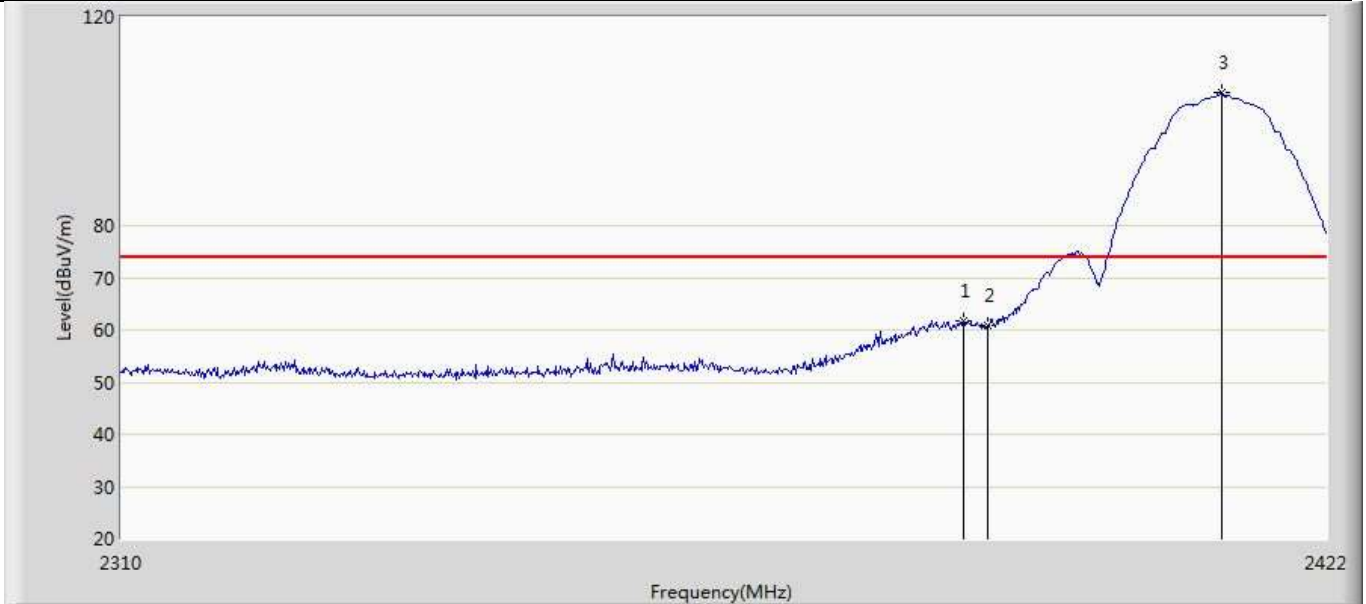
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2384.928	62.883	27.429	-11.117	74.000	35.455	PK
2		2390.000	60.735	25.278	-13.265	74.000	35.458	PK
3	*	2412.256	105.664	70.181	N/A	N/A	35.483	PK

Profile: 20B0050R	Page No.: 1
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/01 - 07:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 1: Transmit at 2412MHz by 802.11b	



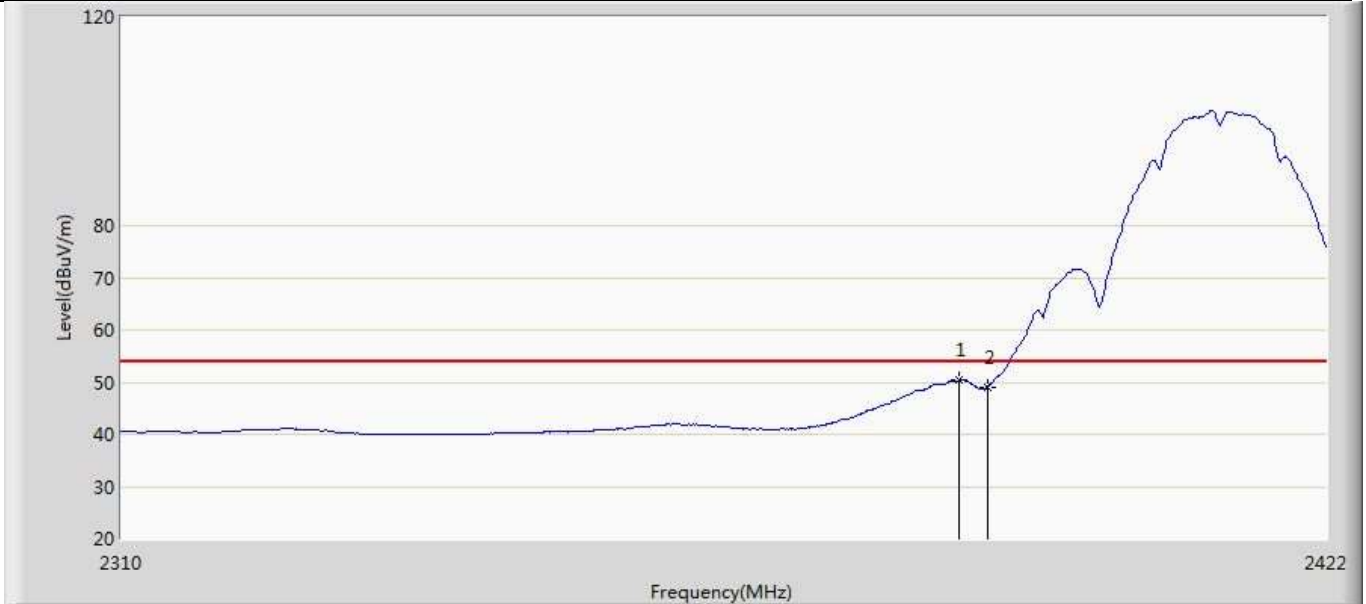
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2387.616	52.011	16.555	-1.989	54.000	35.456	AV
2		2390.000	50.043	14.586	-3.957	54.000	35.458	AV
3	*	2412.704	102.150	66.665	N/A	N/A	35.484	AV

Profile: 20B0050R	Page No.: 4
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 20:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 1: Transmit at 2412MHz by 802.11b	



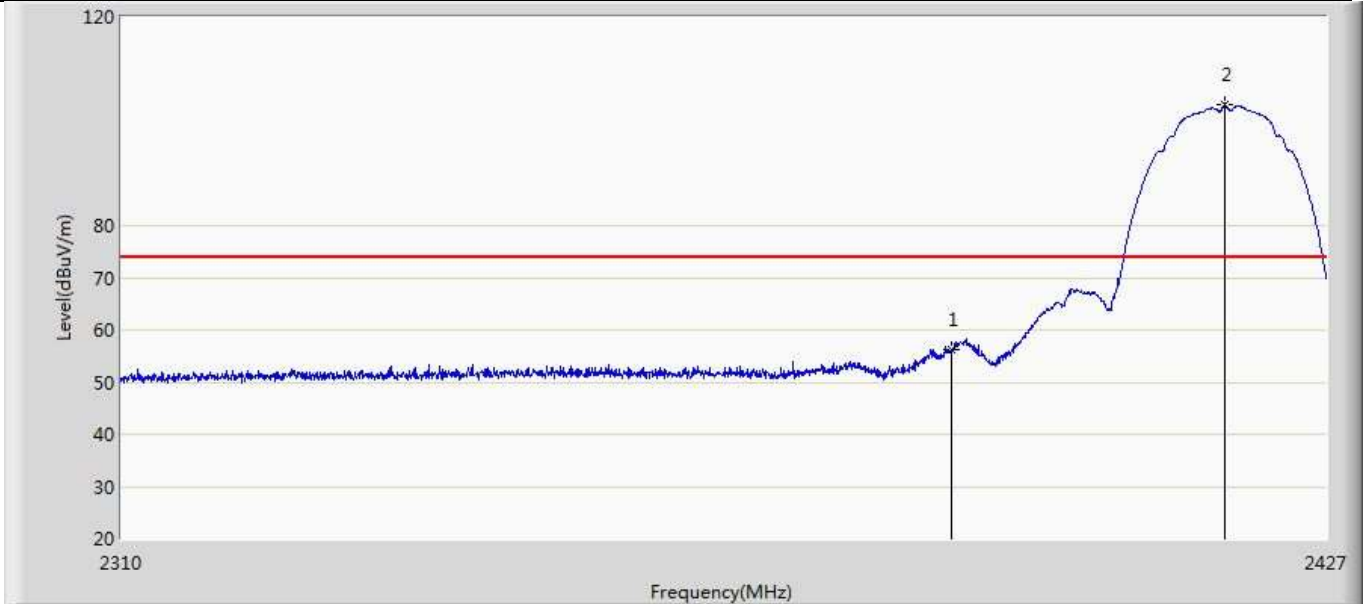
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2387.728	61.756	26.300	-12.244	74.000	35.457	PK
2		2390.000	60.904	25.447	-13.096	74.000	35.458	PK
3	*	2412.144	105.580	70.097	N/A	N/A	35.484	PK

Profile: 20B0050R	Page No.: 3
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 20:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 1: Transmit at 2412MHz by 802.11b	



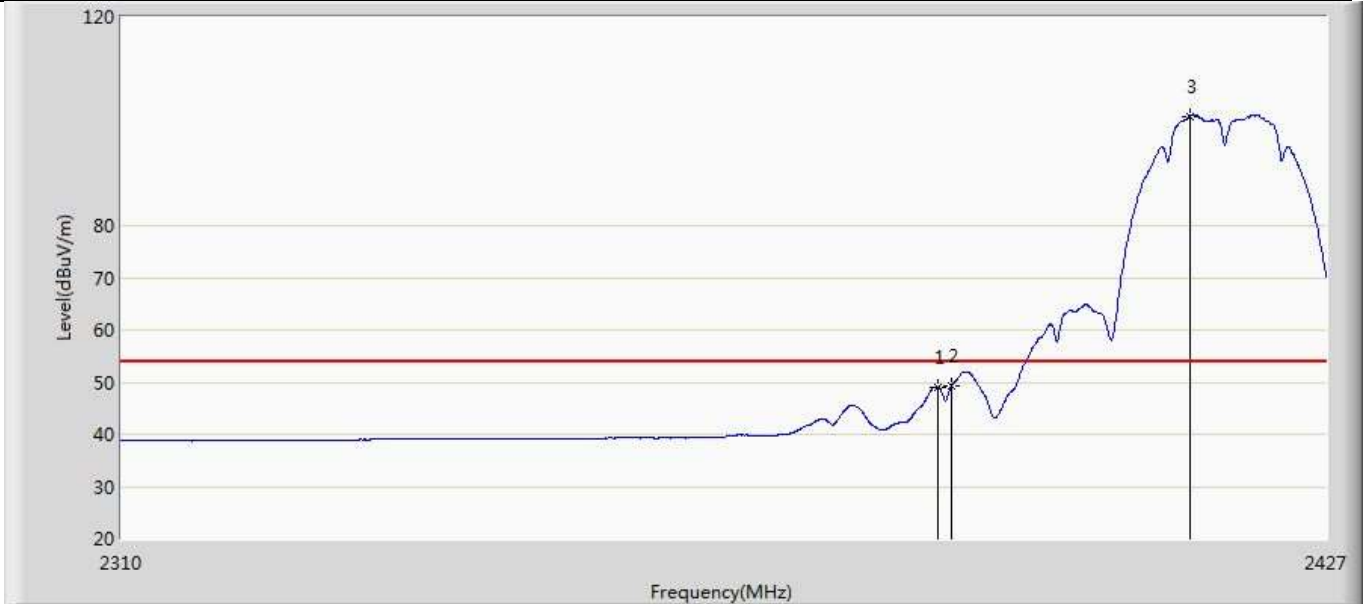
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2387.280	50.308	14.852	-3.692	54.000	35.456	AV
2		2390.000	49.061	13.604	-4.939	54.000	35.458	AV

Profile: 20B0050R	Page No.: 1
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 09:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode1:Transmit at 2417MHz by 802.11b	



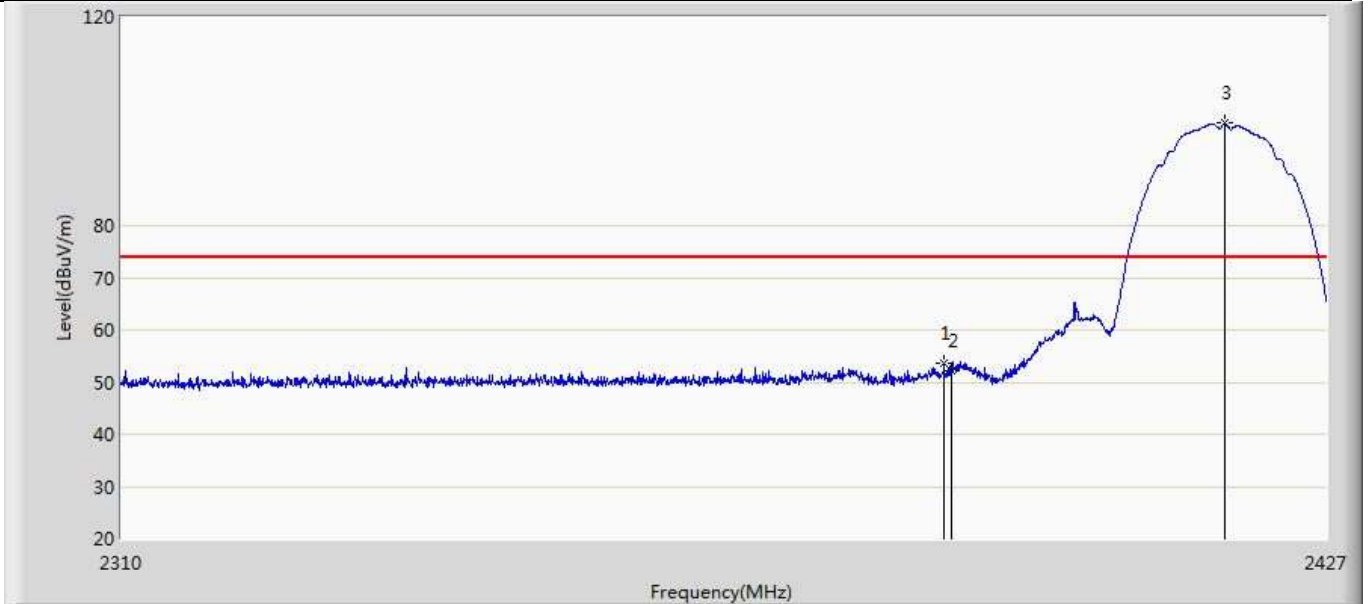
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	56.290	20.833	-17.710	74.000	35.458	PK
2	*	2416.879	103.080	67.585	N/A	N/A	35.496	PK

Profile: 20B0050R	Page No.: 2
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 09:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode1:Transmit at 2417MHz by 802.11b	



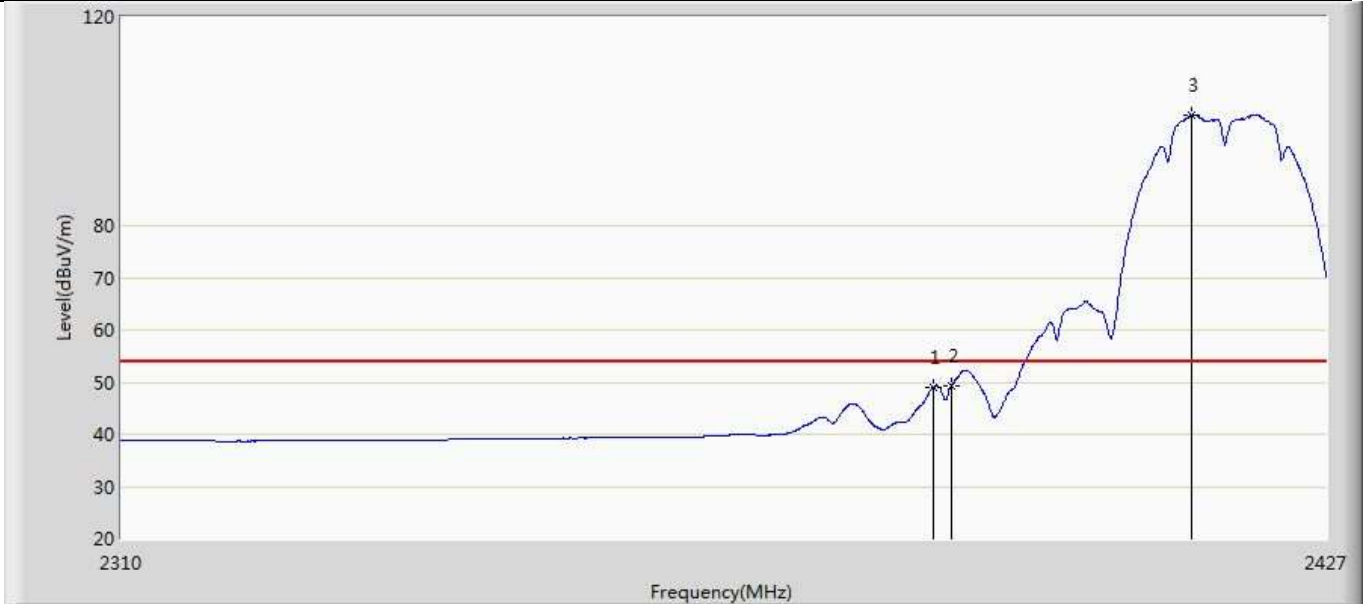
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2388.624	49.052	13.595	-4.948	54.000	35.456	AV
2		2390.000	49.242	13.785	-4.758	54.000	35.458	AV
3	*	2413.487	100.966	65.479	N/A	N/A	35.487	AV

Profile: 20B0050R	Page No.: 3
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 09:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode1:Transmit at 2417MHz by 802.11b	



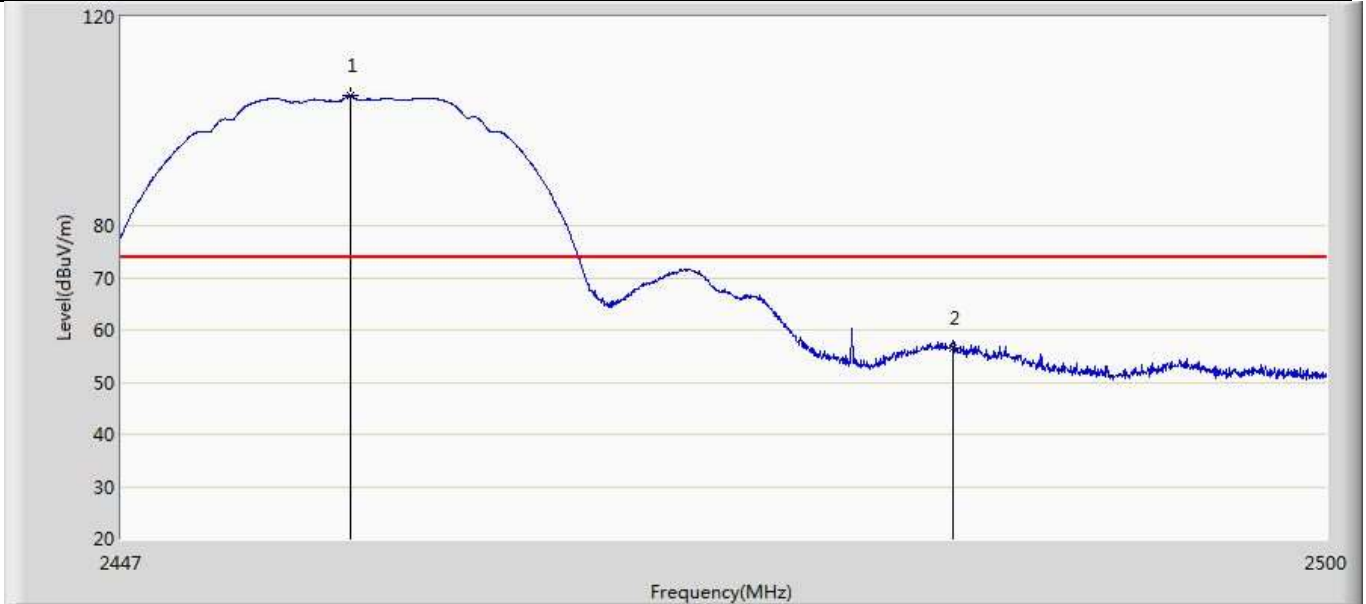
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2389.268	53.614	18.157	-20.386	74.000	35.457	PK
2		2390.000	52.198	16.741	-21.802	74.000	35.458	PK
3	*	2416.997	99.660	64.164	N/A	N/A	35.496	PK

Profile: 20B0050R	Page No.: 4
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 10:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode1:Transmit at 2417MHz by 802.11b	



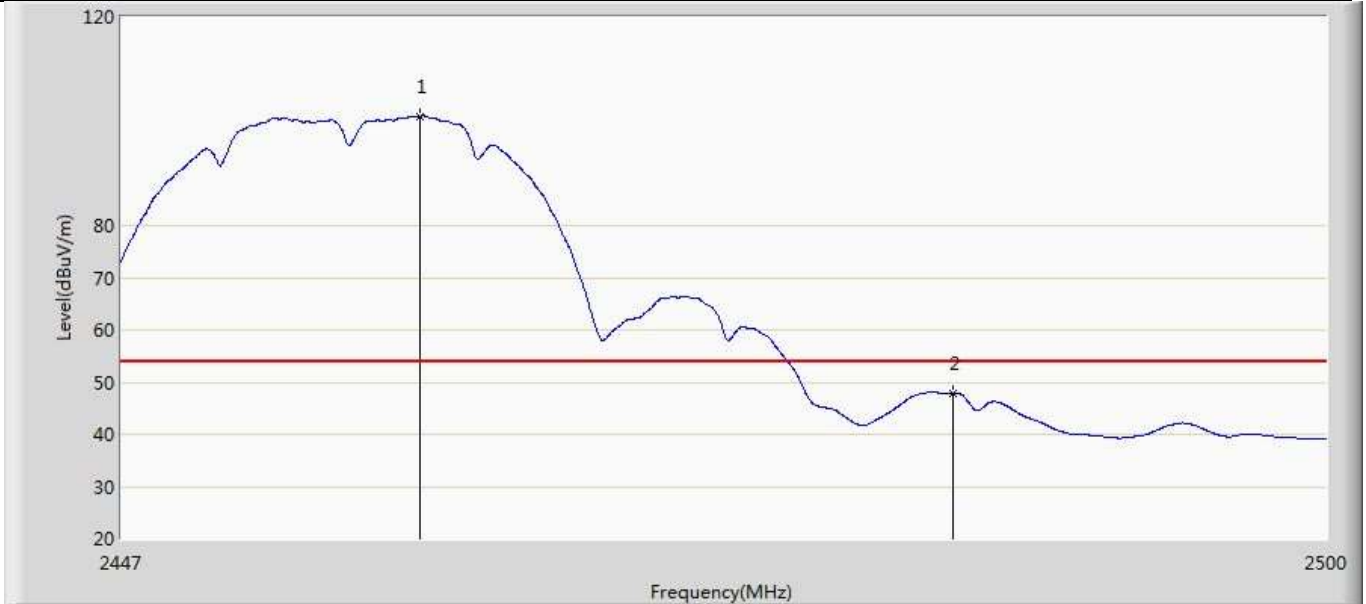
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2388.273	49.040	13.584	-4.960	54.000	35.456	AV
2		2390.000	49.401	13.944	-4.599	54.000	35.458	AV
3	*	2413.604	101.213	65.726	N/A	N/A	35.487	AV

Profile: 20B0050R	Page No.: 5
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 10:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode1:Transmit at 2457MHz by 802.11b	



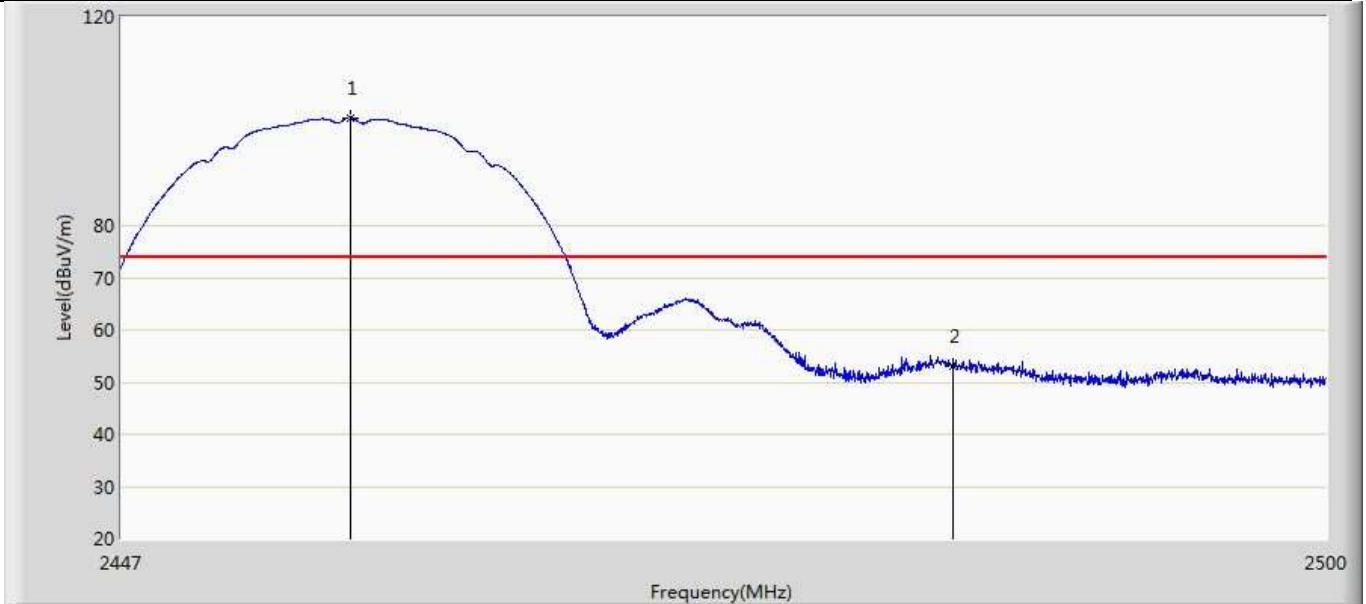
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2456.990	104.812	69.287	N/A	N/A	35.525	PK
2		2483.500	56.392	20.874	-17.608	74.000	35.517	PK

Profile: 20B0050R	Page No.: 6
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 10:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode1:Transmit at 2457MHz by 802.11b	



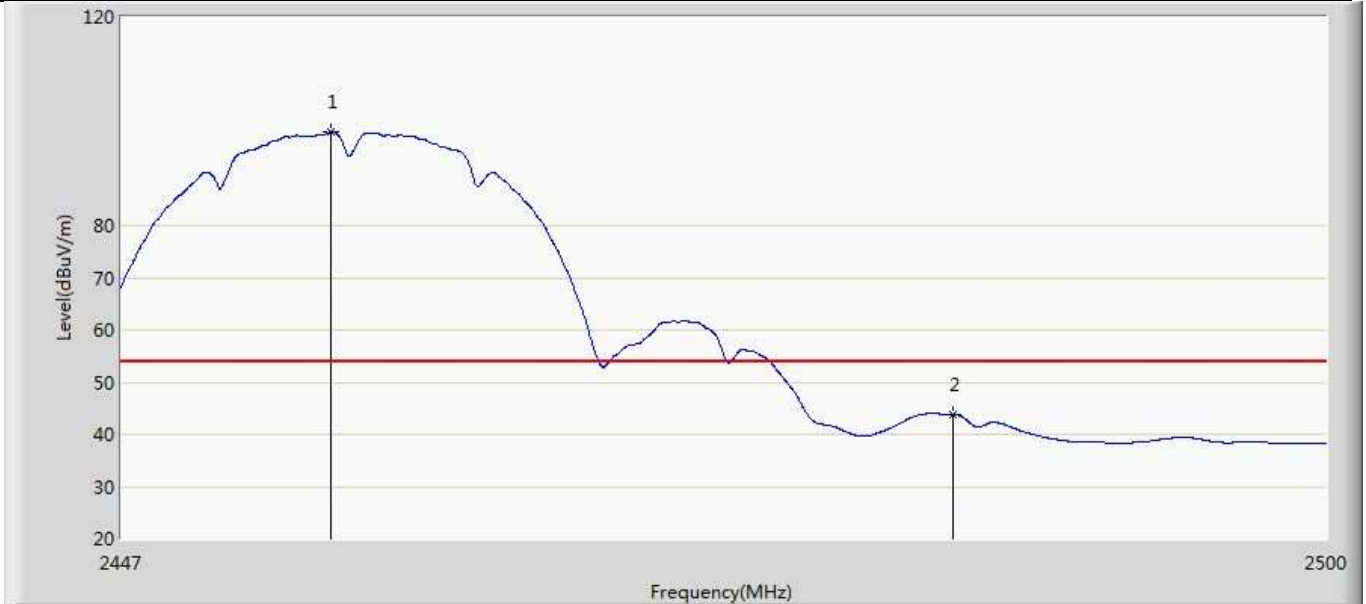
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2460.038	100.926	65.392	N/A	N/A	35.534	AV
2		2483.500	47.886	12.368	-6.114	54.000	35.517	AV

Profile: 20B0050R	Page No.: 7
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 10:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode1:Transmit at 2457MHz by 802.11b	



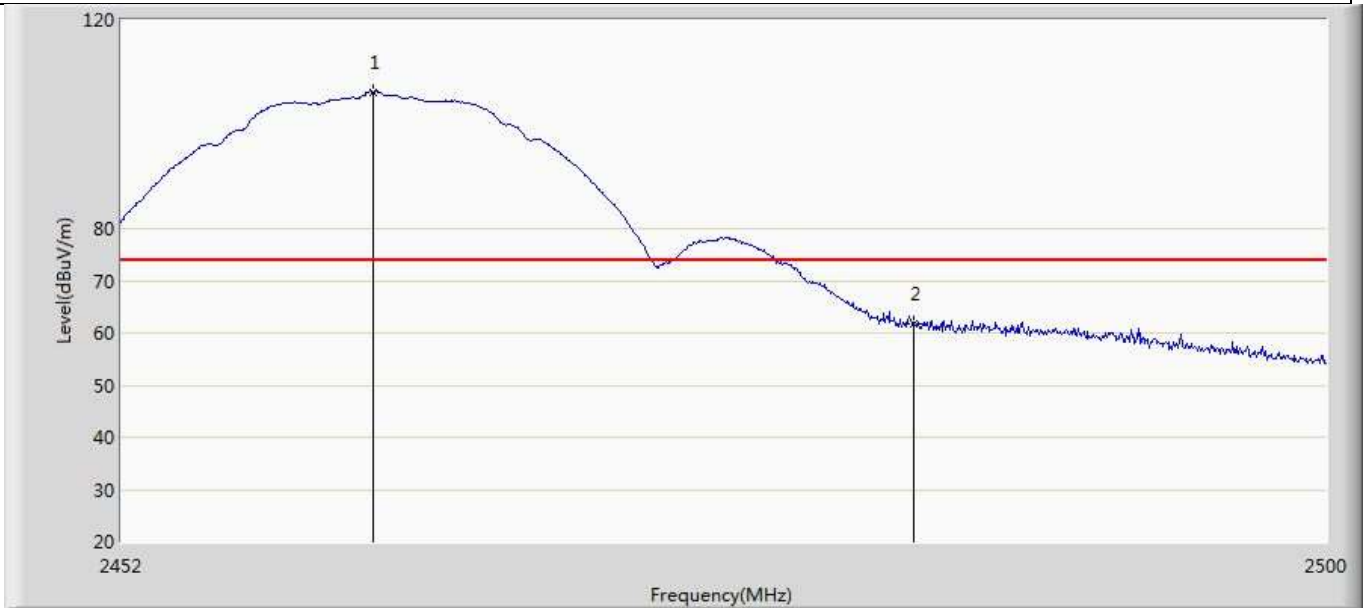
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2456.990	100.689	65.164	N/A	N/A	35.525	PK
2		2483.500	52.930	17.412	-21.070	74.000	35.517	PK

Profile: 20B0050R	Page No.: 8
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 10:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode1:Transmit at 2457MHz by 802.11b	



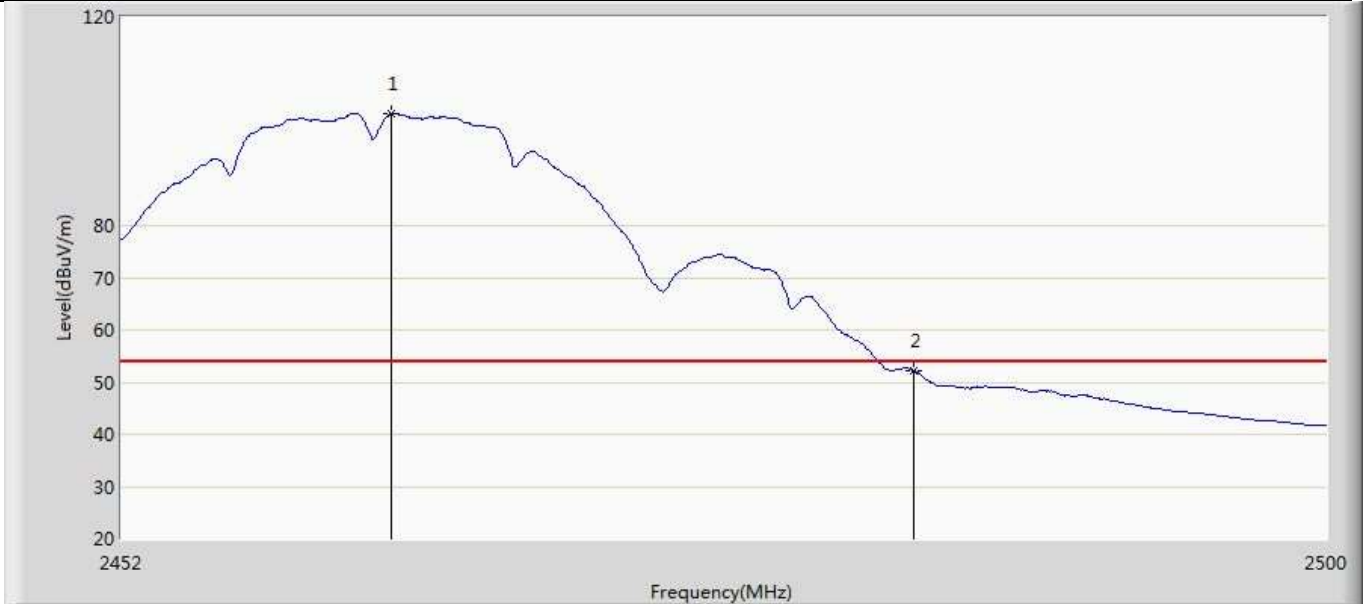
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2456.169	97.936	62.413	N/A	N/A	35.523	AV
2		2483.500	43.761	8.243	-10.239	54.000	35.517	AV

Profile: 20B0050R	Page No.: 6
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 21:08
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 1: Transmit at 2462MHz by 802.11b	



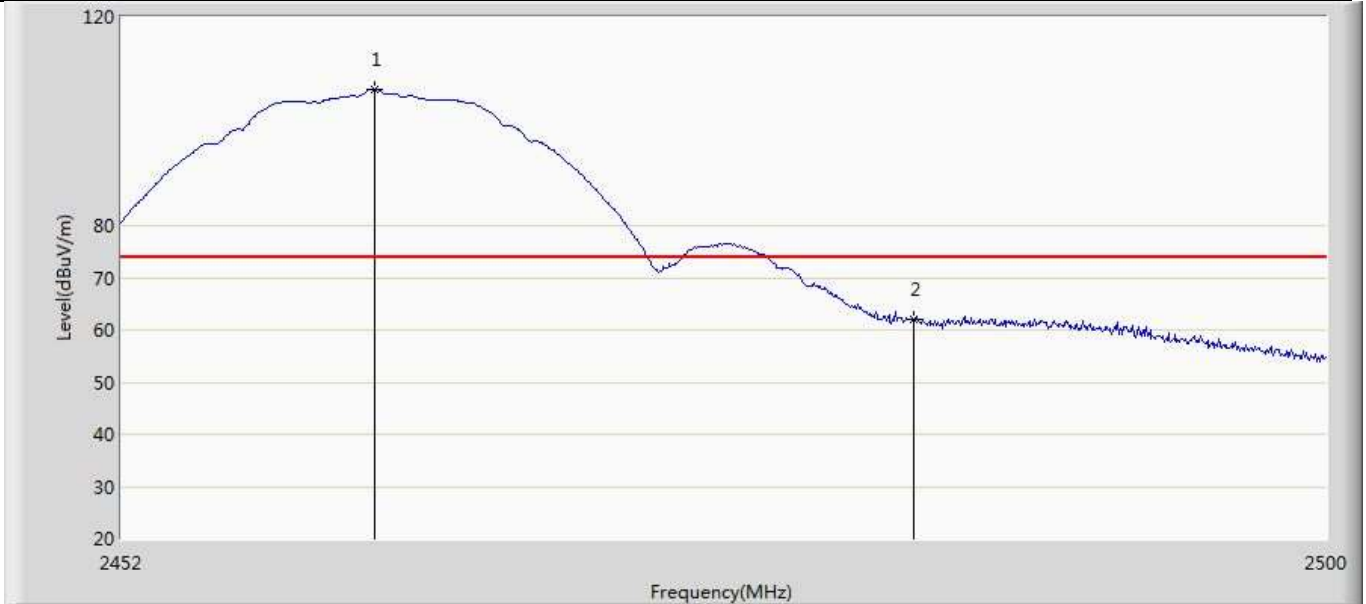
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2461.984	106.202	70.663	N/A	N/A	35.539	PK
2		2483.500	61.835	26.317	-12.165	74.000	35.517	PK

Profile: 20B0050R	Page No.: 5
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 20:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 1: Transmit at 2462MHz by 802.11b	



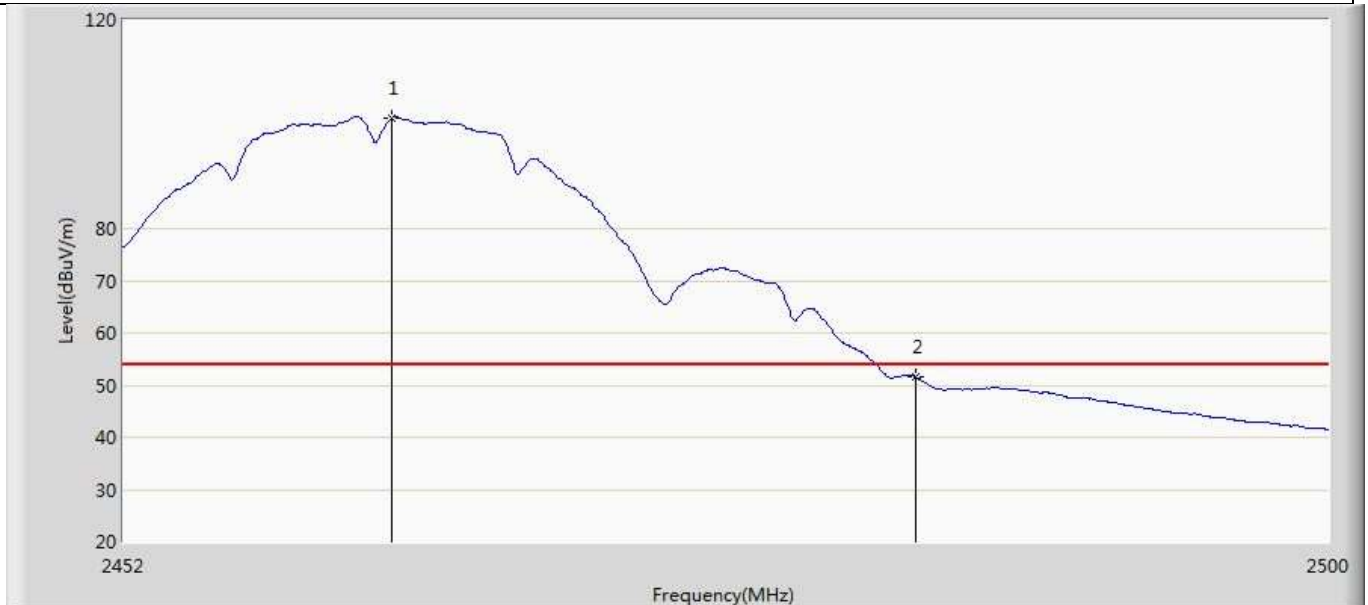
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.704	101.543	66.006	N/A	N/A	35.538	AV
2		2483.500	52.173	16.655	-1.827	54.000	35.517	AV

Profile: 20B0050R	Page No.: 8
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 21:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 1: Transmit at 2462MHz by 802.11b	



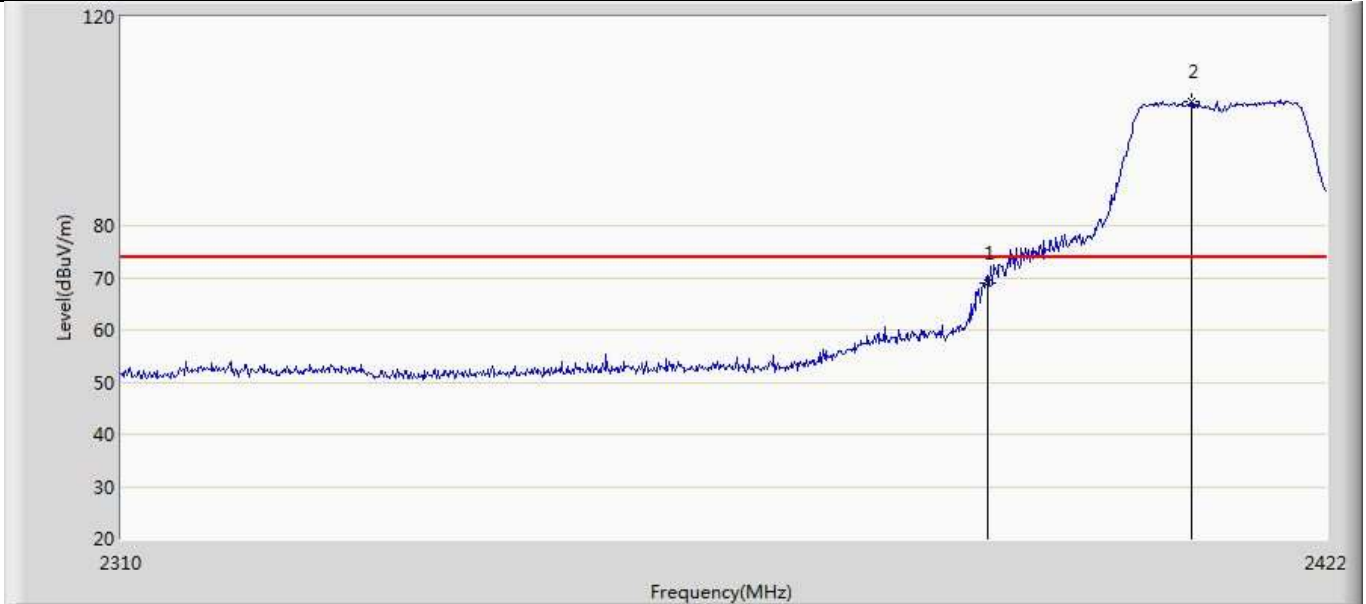
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.032	106.077	70.538	N/A	N/A	35.539	PK
2		2483.500	61.981	26.463	-12.019	74.000	35.517	PK

Profile: 20B0050R	Page No.: 7
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 21:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 1: Transmit at 2462MHz by 802.11b	



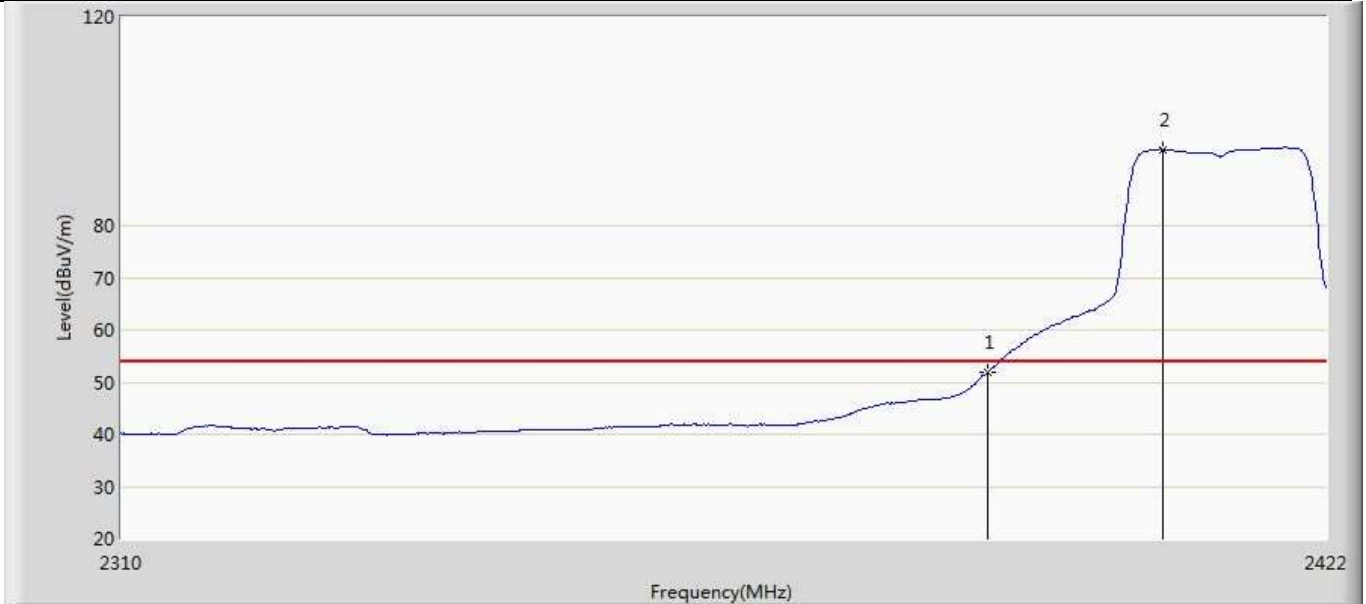
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.656	101.227	65.690	N/A	N/A	35.538	AV
2		2483.500	51.489	15.971	-2.511	54.000	35.517	AV

Profile: 20B0050R	Page No.: 10
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 21:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 2: Transmit at 2412MHz by 802.11g	



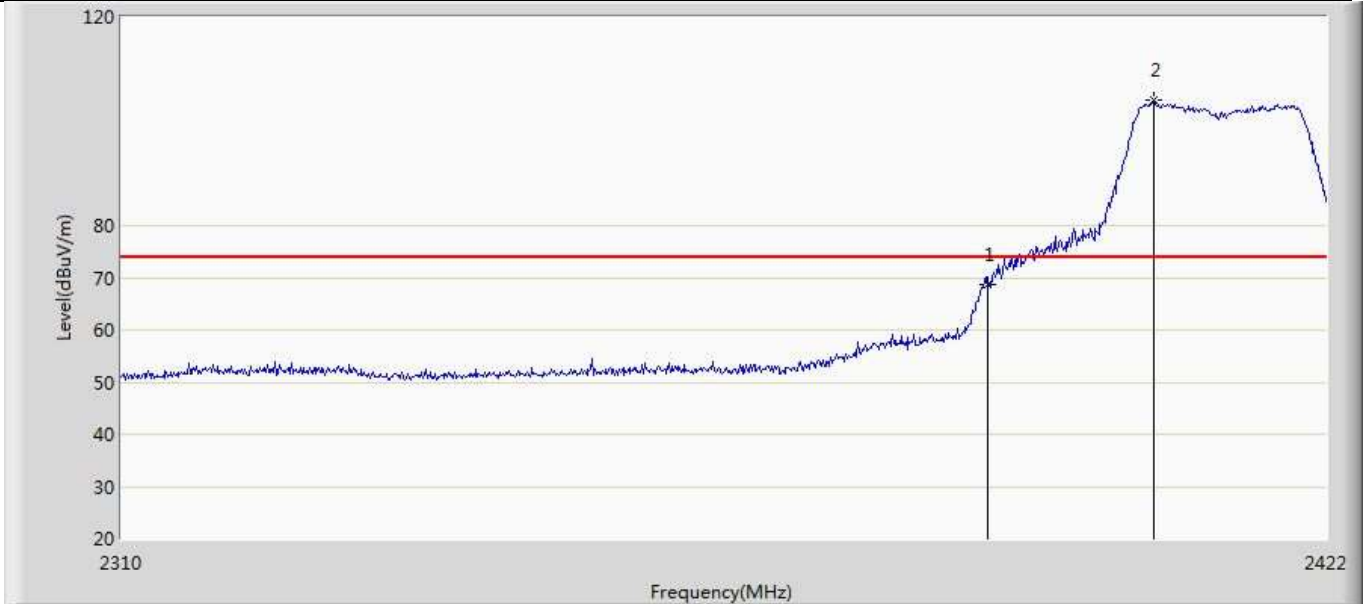
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	69.017	33.560	-4.983	74.000	35.458	PK
2	*	2409.232	103.867	68.389	N/A	N/A	35.478	PK

Profile: 20B0050R	Page No.: 9
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 21:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 2: Transmit at 2412MHz by 802.11g	



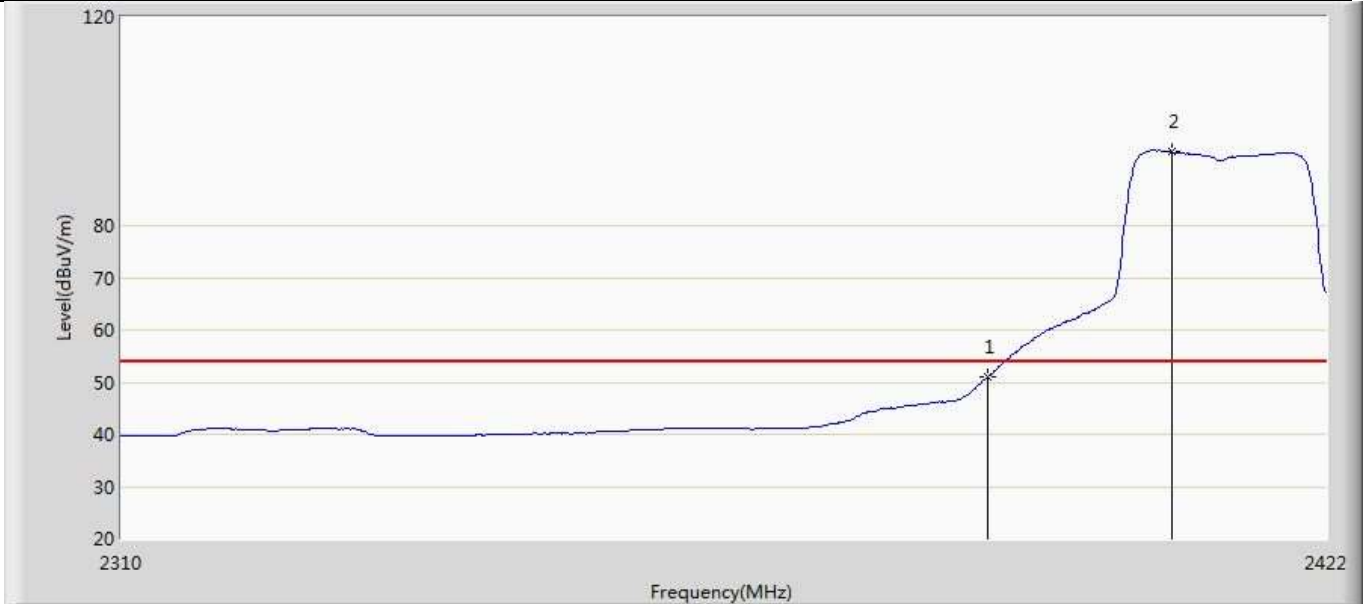
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	51.833	16.376	-2.167	54.000	35.458	AV
2	*	2406.544	94.524	59.049	N/A	N/A	35.475	AV

Profile: 20B0050R	Page No.: 12
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 21:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 2: Transmit at 2412MHz by 802.11g	



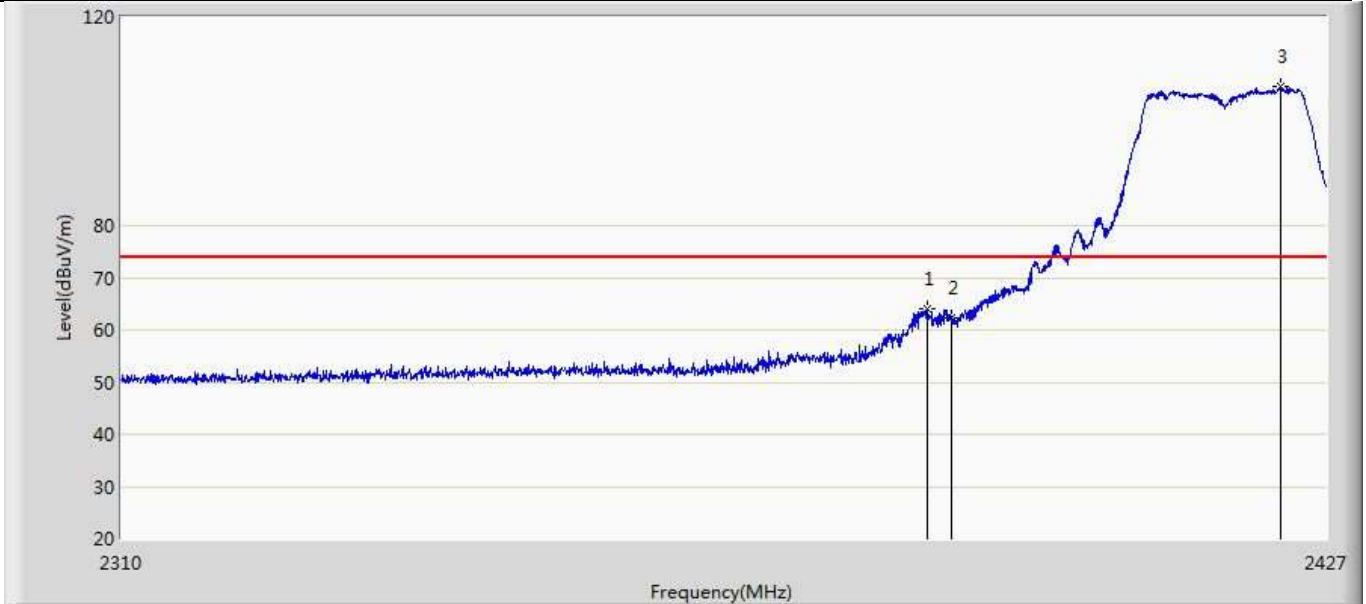
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	68.626	33.169	-5.374	74.000	35.458	PK
2	*	2405.648	104.181	68.707	N/A	N/A	35.474	PK

Profile: 20B0050R	Page No.: 11
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 21:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 2: Transmit at 2412MHz by 802.11g	



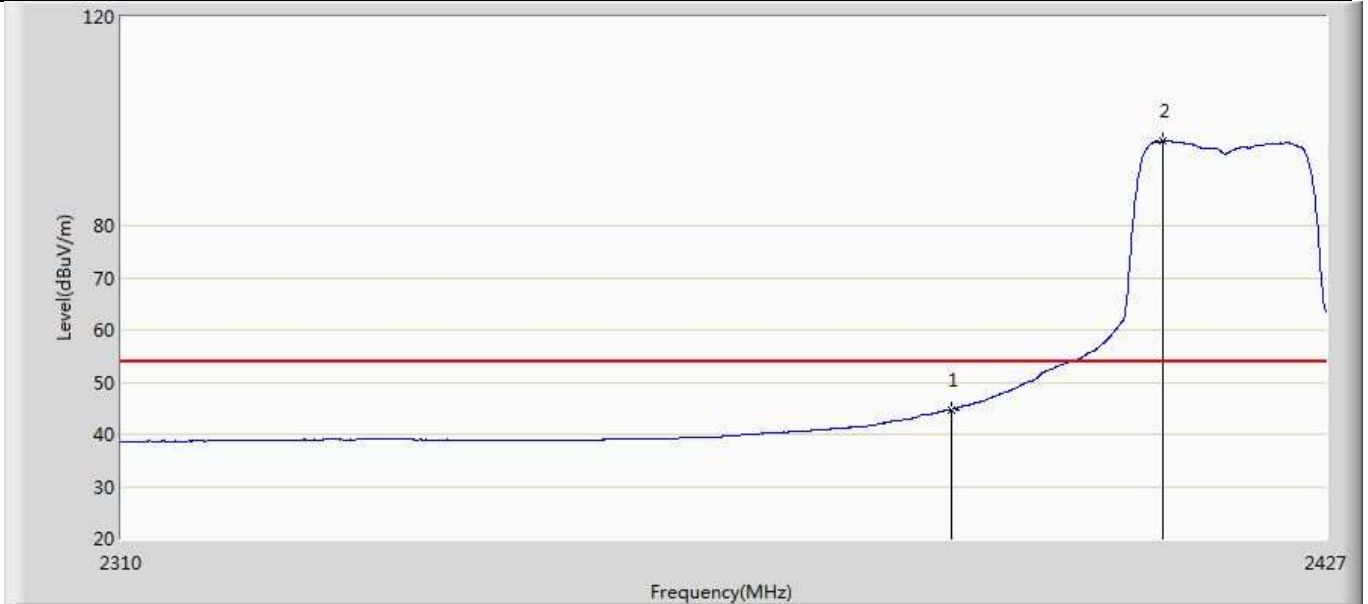
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	50.951	15.494	-3.049	54.000	35.458	AV
2	*	2407.440	94.142	58.666	N/A	N/A	35.476	AV

Profile: 20B0050R	Page No.: 9
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 10:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode2:Transmit at 2417MHz by 802.11g	



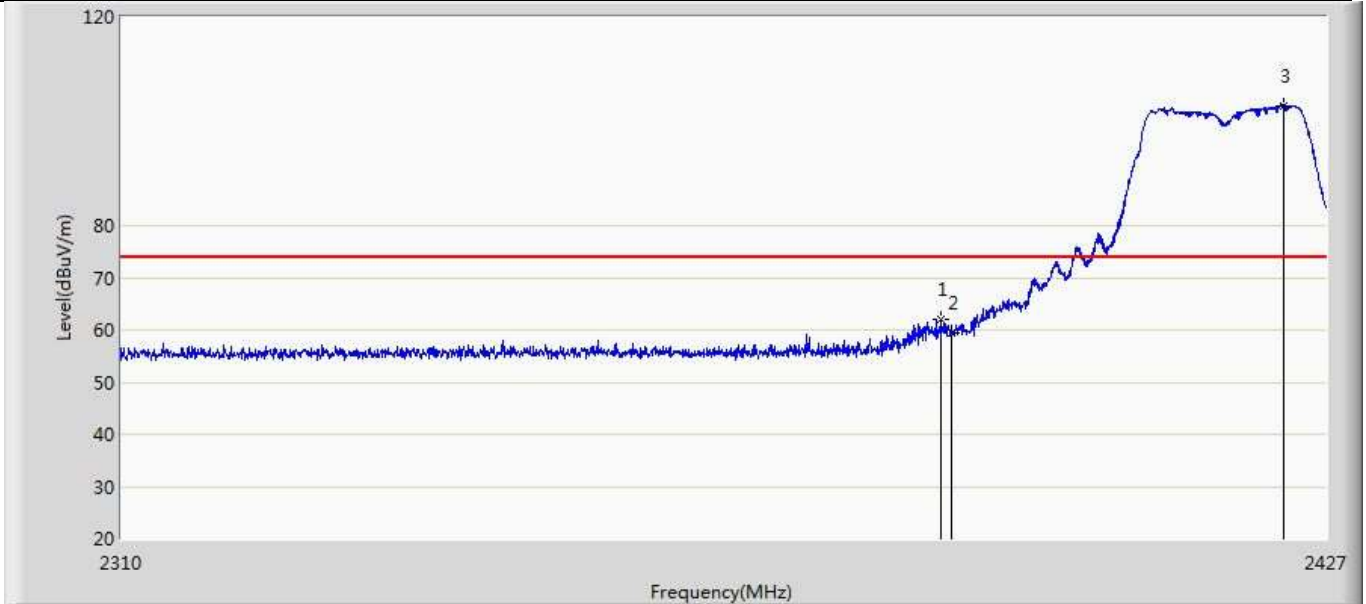
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2387.629	64.163	28.707	-9.837	74.000	35.456	PK
2		2390.000	62.379	26.922	-11.621	74.000	35.458	PK
3	*	2422.437	106.782	71.273	N/A	N/A	35.509	PK

Profile: 20B0050R	Page No.: 10
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 10:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode2:Transmit at 2417MHz by 802.11g	



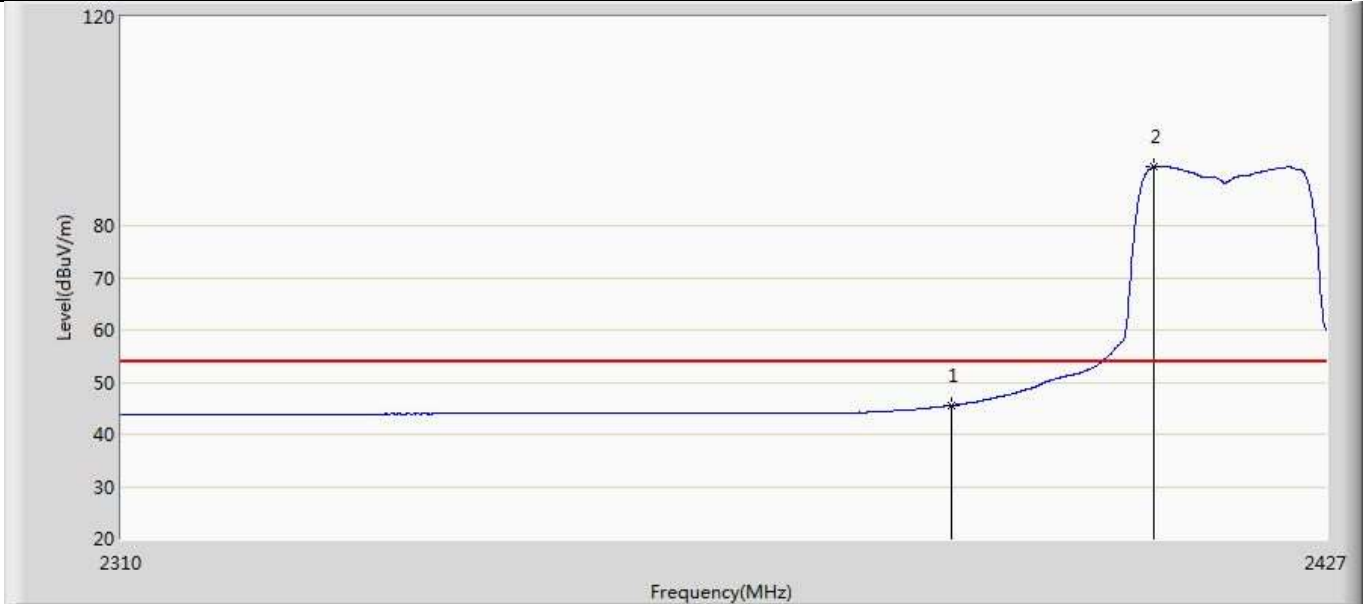
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1		2390.000	44.704	9.247	-9.296	54.000	35.458	AV
2	*	2410.795	96.255	60.775	N/A	N/A	35.480	AV

Profile: 20B0050R	Page No.: 11
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 10:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode2:Transmit at 2417MHz by 802.11g	



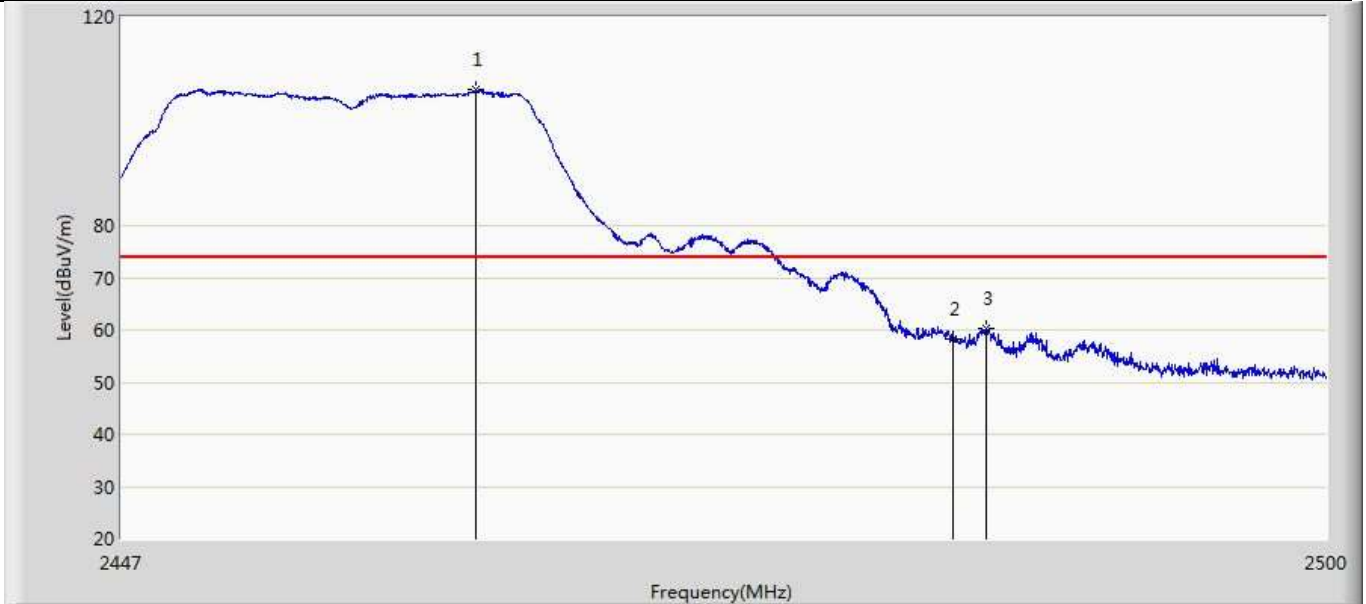
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2389.033	61.900	26.443	-12.100	74.000	35.457	PK
2		2390.000	59.450	23.993	-14.550	74.000	35.458	PK
3	*	2422.788	102.976	67.466	N/A	N/A	35.510	PK

Profile: 20B0050R	Page No.: 12
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 10:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode2:Transmit at 2417MHz by 802.11g	



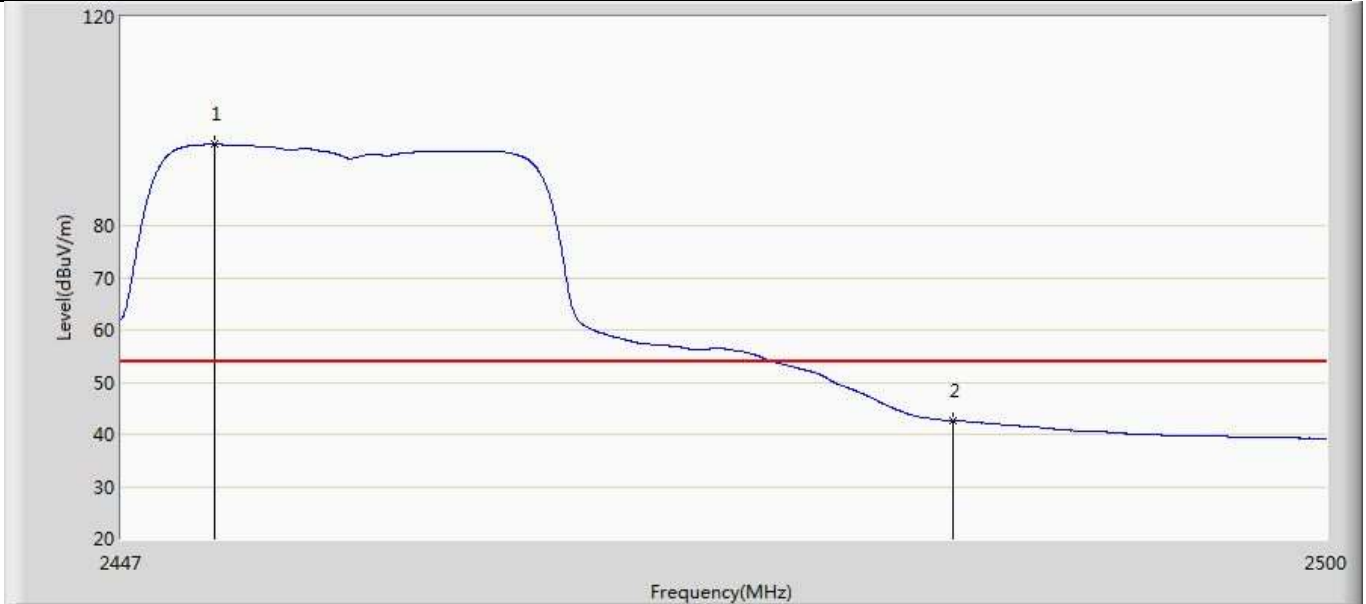
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	45.529	10.072	-8.471	54.000	35.458	AV
2	*	2409.977	91.281	55.802	N/A	N/A	35.479	AV

Profile: 20B0050R	Page No.: 13
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 10:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode2:Transmit at 2457MHz by 802.11g	



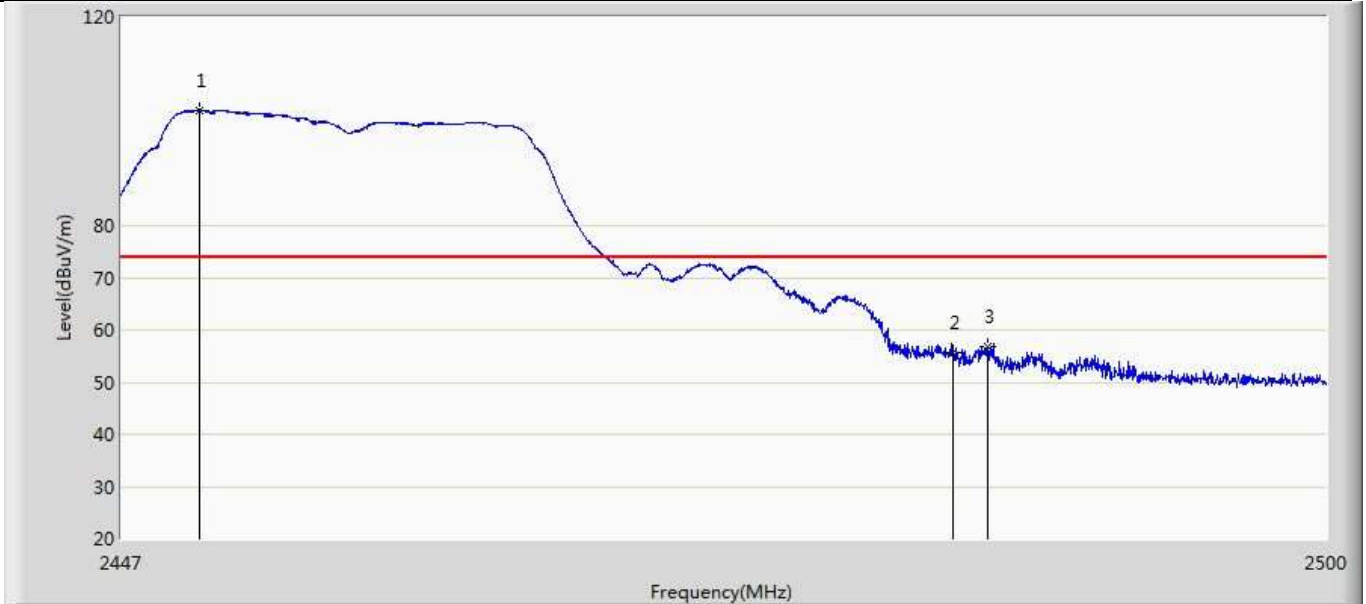
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.502	106.025	70.487	N/A	N/A	35.538	PK
2		2483.500	58.171	22.653	-15.829	74.000	35.517	PK
3		2484.948	60.337	24.811	-13.663	74.000	35.526	PK

Profile: 20B0050R	Page No.: 14
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 10:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode2:Transmit at 2457MHz by 802.11g	



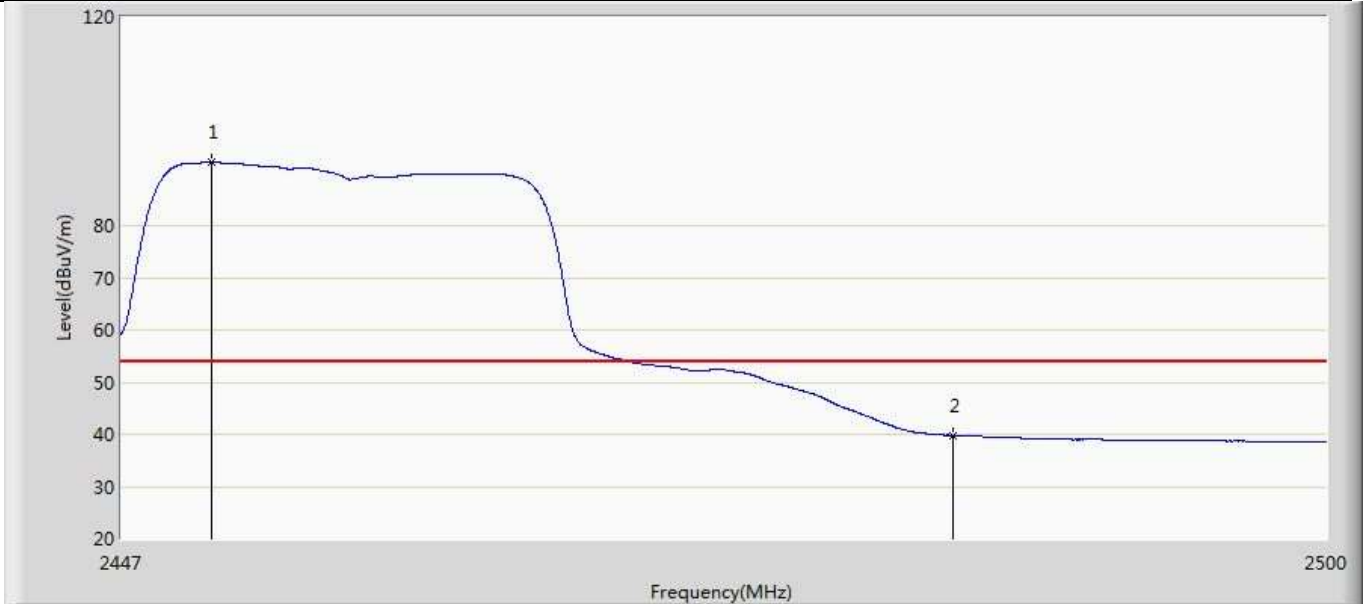
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2451.081	95.650	60.141	N/A	N/A	35.508	AV
2		2483.500	42.590	7.072	-11.410	54.000	35.517	AV

Profile: 20B0050R	Page No.: 15
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 10:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode2:Transmit at 2457MHz by 802.11g	



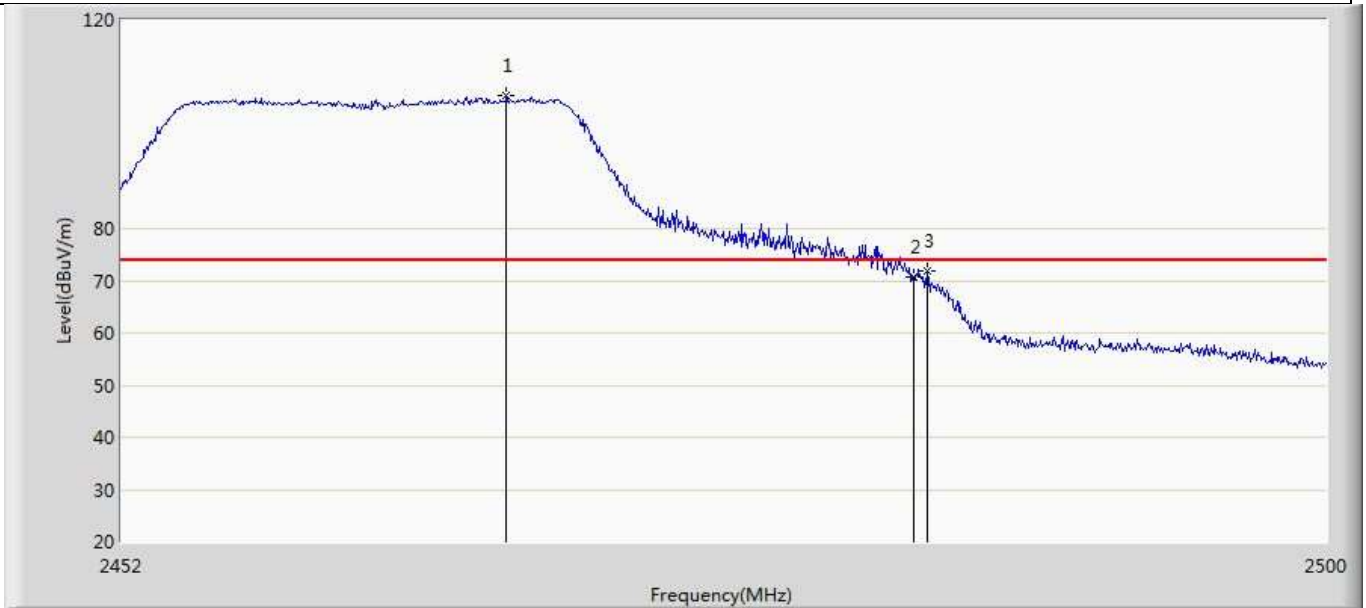
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2450.418	102.143	66.636	N/A	N/A	35.507	PK
2		2483.500	55.672	20.154	-18.328	74.000	35.517	PK
3		2485.001	56.842	21.316	-17.158	74.000	35.526	PK

Profile: 20B0050R	Page No.: 16
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 10:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode2:Transmit at 2457MHz by 802.11g	



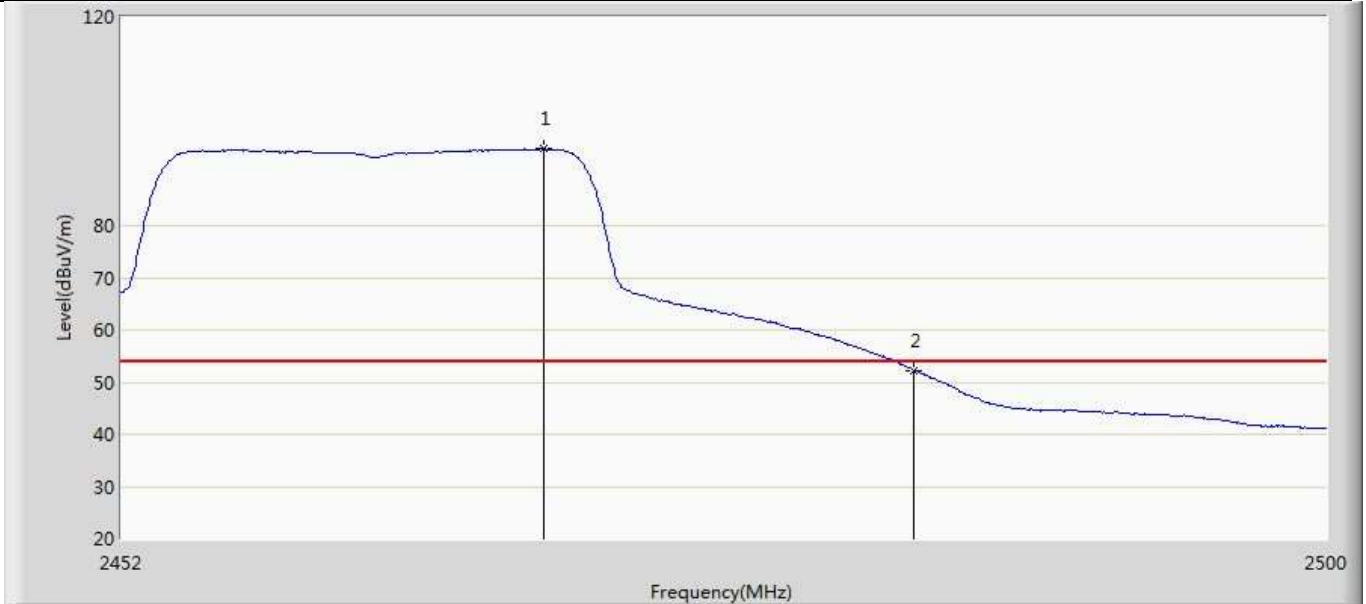
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2450.922	92.227	56.719	N/A	N/A	35.509	AV
2		2483.500	39.797	4.279	-14.203	54.000	35.517	AV

Profile: 20B0050R	Page No.: 14
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 21:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 2: Transmit at 2462MHz by 802.11g	



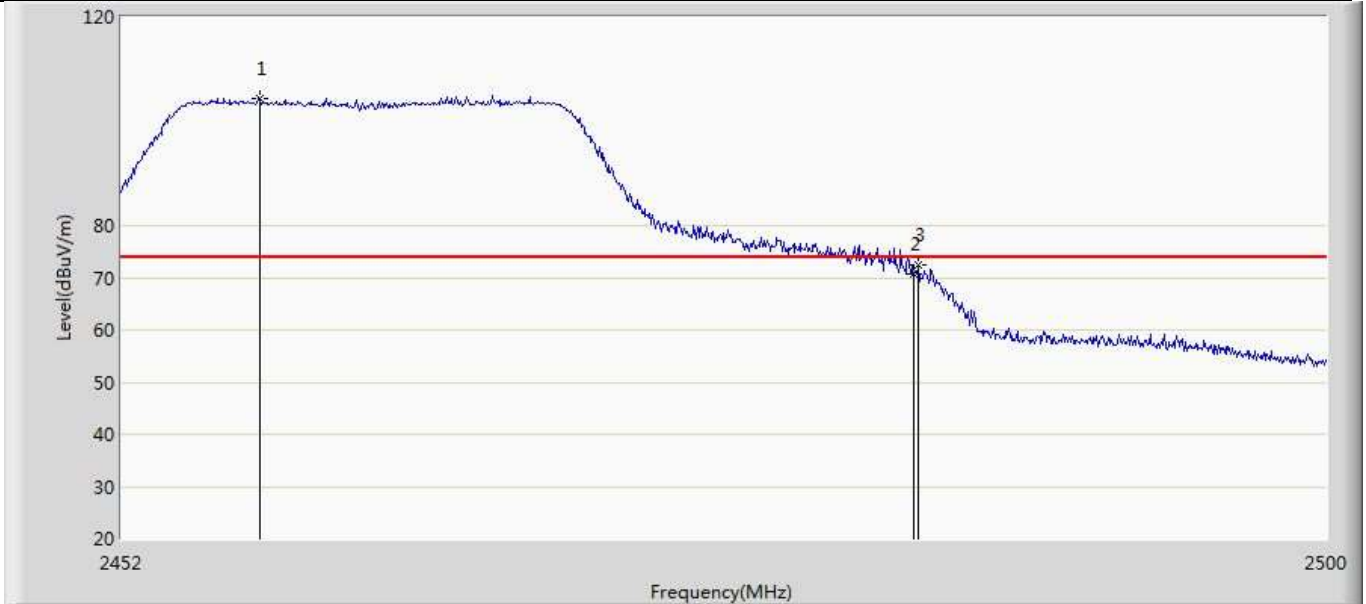
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2467.264	105.443	69.918	N/A	N/A	35.525	PK
2		2483.500	70.622	35.104	-3.378	74.000	35.517	PK
3		2484.016	71.748	36.227	-2.252	74.000	35.520	PK

Profile: 20B0050R	Page No.: 13
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 21:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 2: Transmit at 2462MHz by 802.11g	



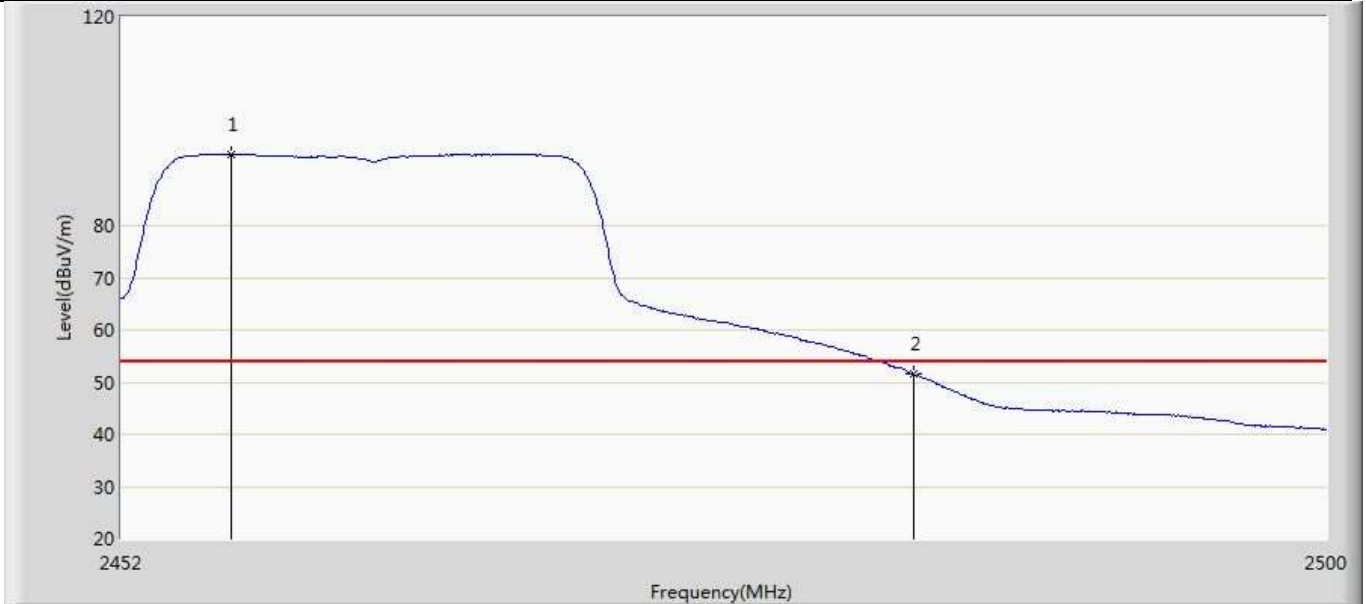
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2468.752	94.726	59.205	N/A	N/A	35.520	AV
2		2483.500	52.251	16.733	-1.749	54.000	35.517	AV

Profile: 20B0050R	Page No.: 16
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 21:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 2: Transmit at 2462MHz by 802.11g	



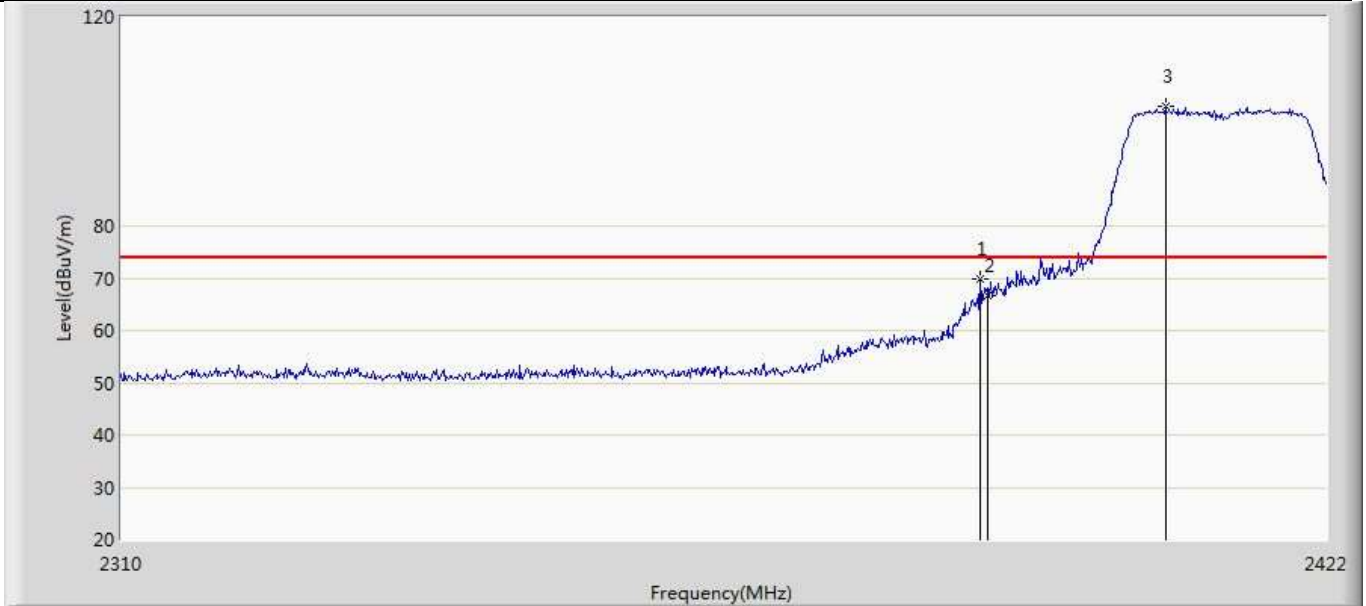
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2457.472	104.324	68.797	N/A	N/A	35.527	PK
2		2483.500	70.745	35.227	-3.255	74.000	35.517	PK
3		2483.680	72.478	36.959	-1.522	74.000	35.518	PK

Profile: 20B0050R	Page No.: 15
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 21:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 2: Transmit at 2462MHz by 802.11g	



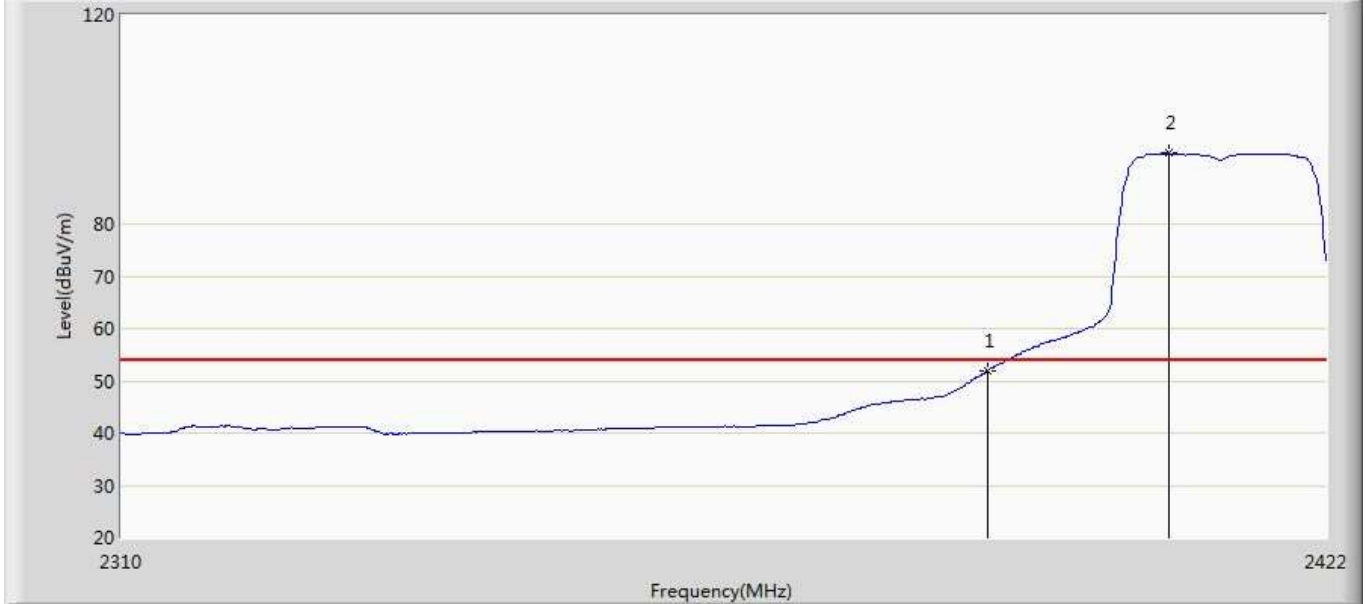
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2456.368	93.648	58.124	N/A	N/A	35.523	AV
2		2483.500	51.479	15.961	-2.521	54.000	35.517	AV

Profile: 20B0050R	Page No.: 18
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 22:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 3: Transmit at 2412MHz by 802.11n (20MHz)	



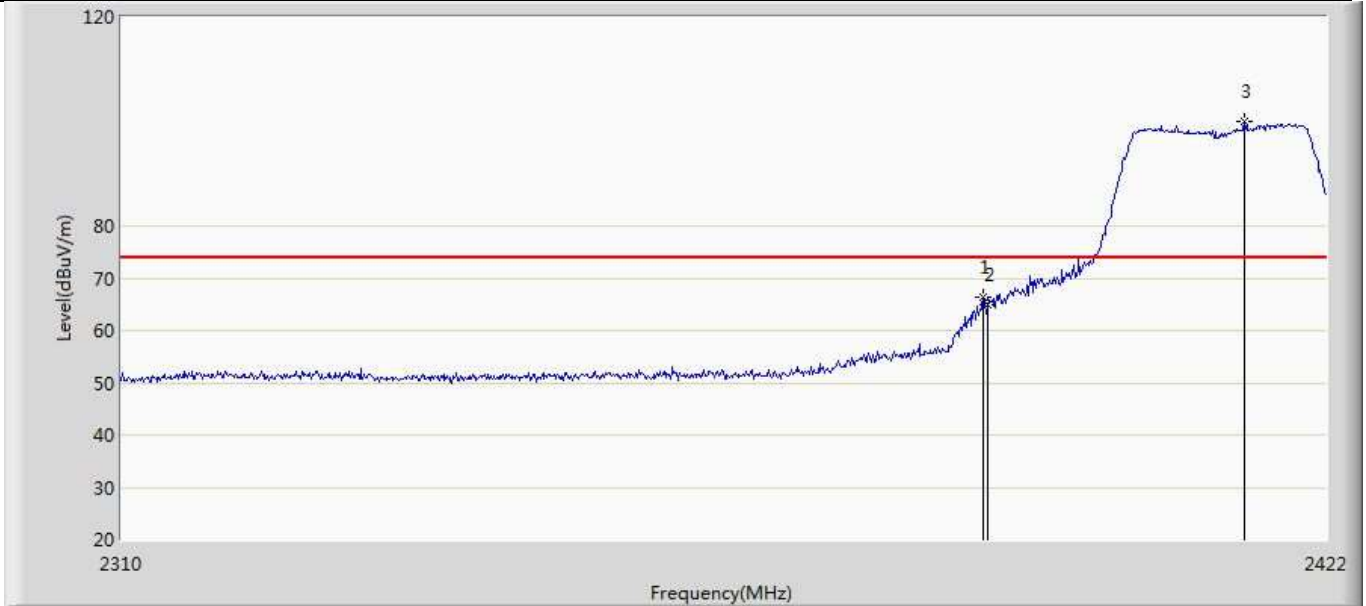
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2389.296	69.956	34.499	-4.044	74.000	35.457	PK
2		2390.000	66.610	31.153	-7.390	74.000	35.458	PK
3	*	2406.768	102.884	67.409	N/A	N/A	35.475	PK

Profile: 20B0050R	Page No.: 17
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 21:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 3: Transmit at 2412MHz by 802.11n (20MHz)	



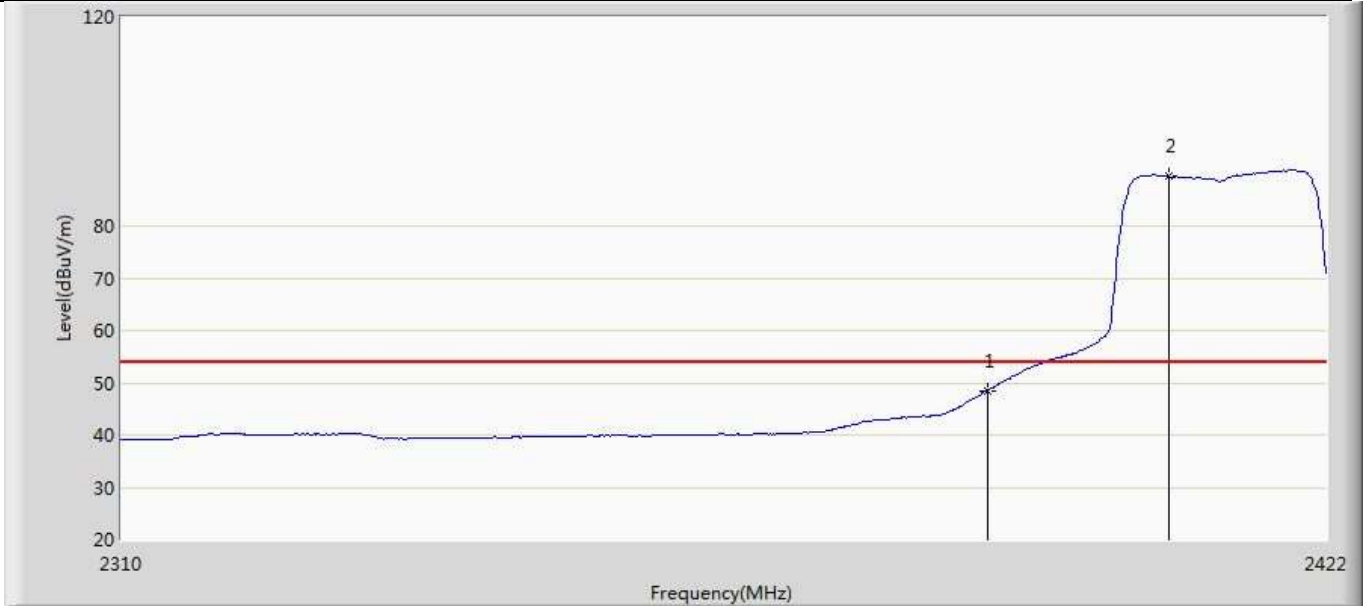
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	51.915	16.458	-2.085	54.000	35.458	AV
2	*	2407.104	93.514	58.038	N/A	N/A	35.475	AV

Profile: 20B0050R	Page No.: 20
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 22:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 3: Transmit at 2412MHz by 802.11n (20MHz)	



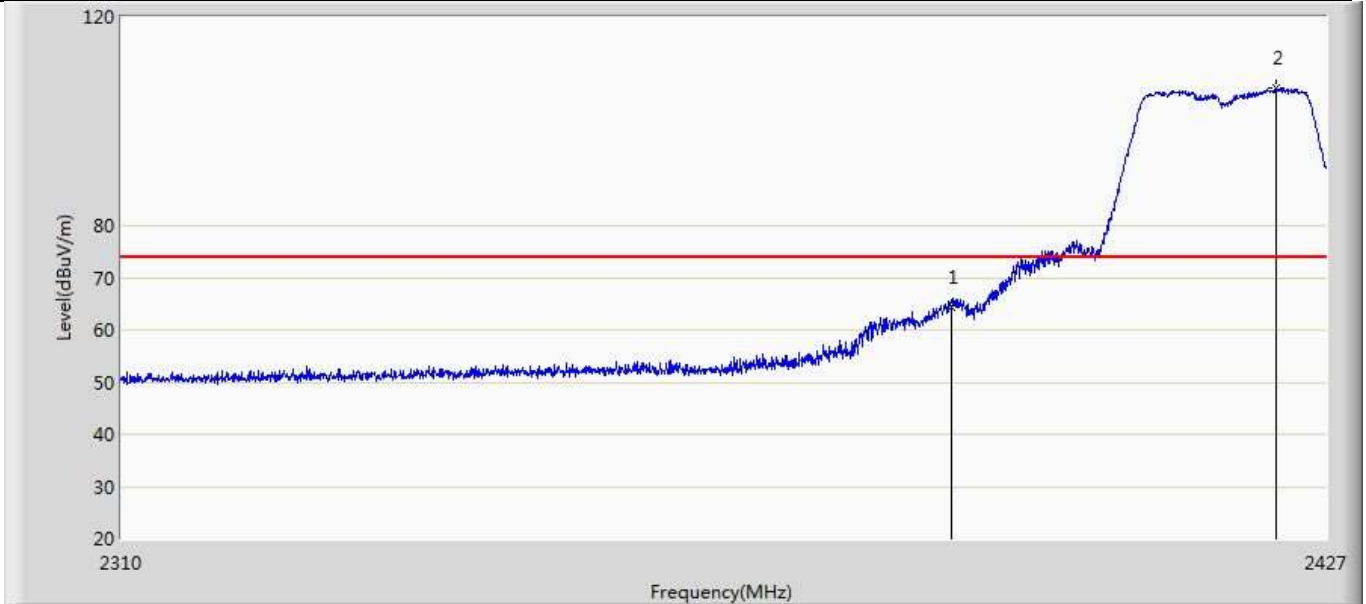
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2389.632	66.486	31.029	-7.514	74.000	35.457	PK
2		2390.000	64.820	29.363	-9.180	74.000	35.458	PK
3	*	2414.272	100.074	64.585	N/A	N/A	35.489	PK

Profile: 20B0050R	Page No.: 19
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 22:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 3: Transmit at 2412MHz by 802.11n (20MHz)	



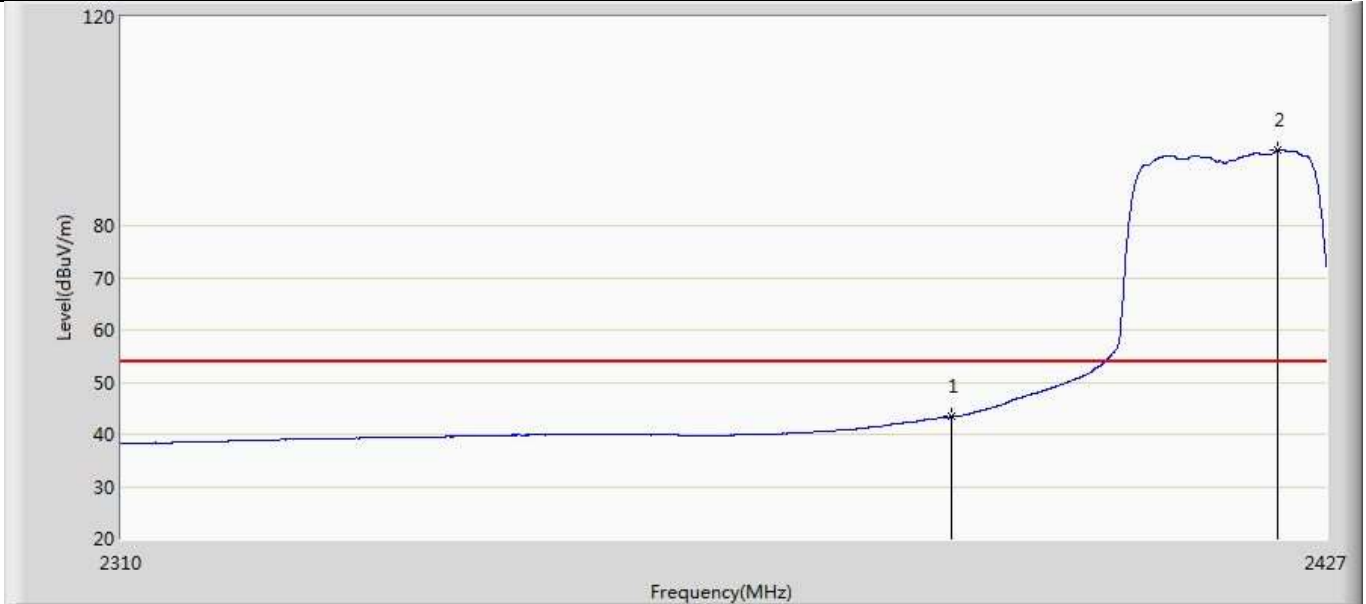
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	48.505	13.048	-5.495	54.000	35.458	AV
2	*	2407.104	89.532	54.056	N/A	N/A	35.475	AV

Profile: 20B0050R	Page No.: 17
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 10:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode3:Transmit at 2417MHz by 802.11n(20MHz)	



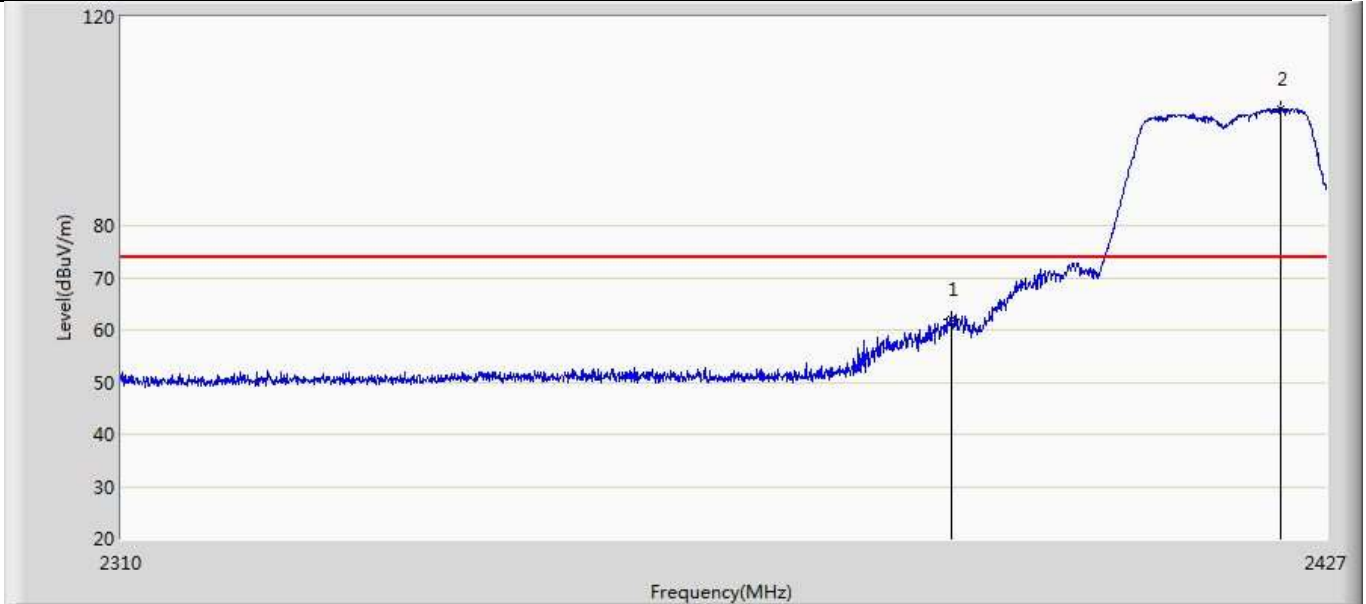
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	64.379	28.922	-9.621	74.000	35.458	PK
2	*	2422.086	106.340	70.832	N/A	N/A	35.508	PK

Profile: 20B0050R	Page No.: 18
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 10:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode3:Transmit at 2417MHz by 802.11n(20MHz)	



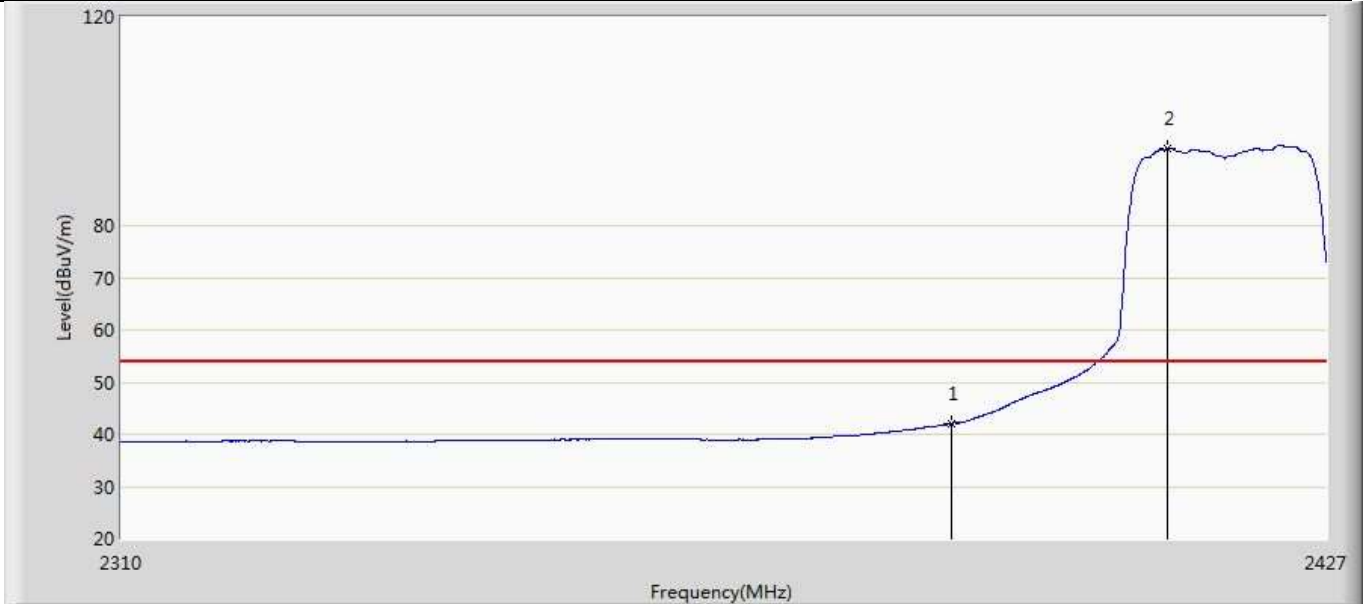
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	43.439	7.982	-10.561	54.000	35.458	AV
2	*	2422.261	94.445	58.936	N/A	N/A	35.509	AV

Profile: 20B0050R	Page No.: 19
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 10:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode3:Transmit at 2417MHz by 802.11n(20MHz)	



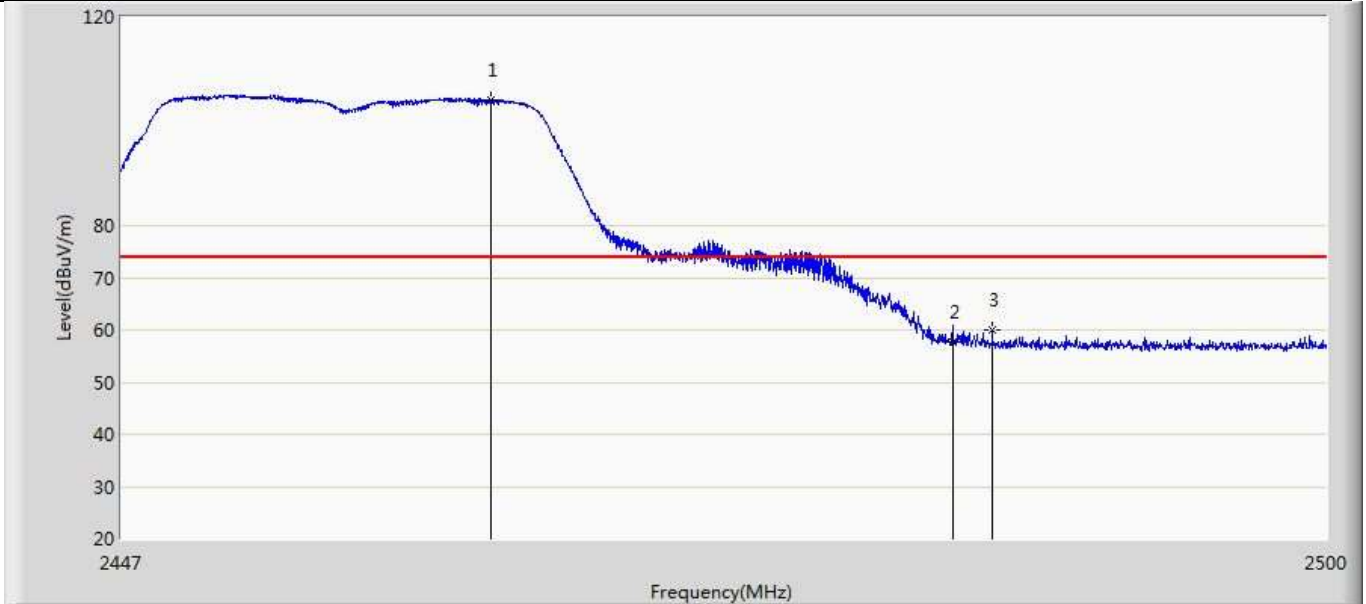
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	62.109	26.652	-11.891	74.000	35.458	PK
2	*	2422.437	102.336	66.827	N/A	N/A	35.509	PK

Profile: 20B0050R	Page No.: 20
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 10:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode3:Transmit at 2417MHz by 802.11n(20MHz)	



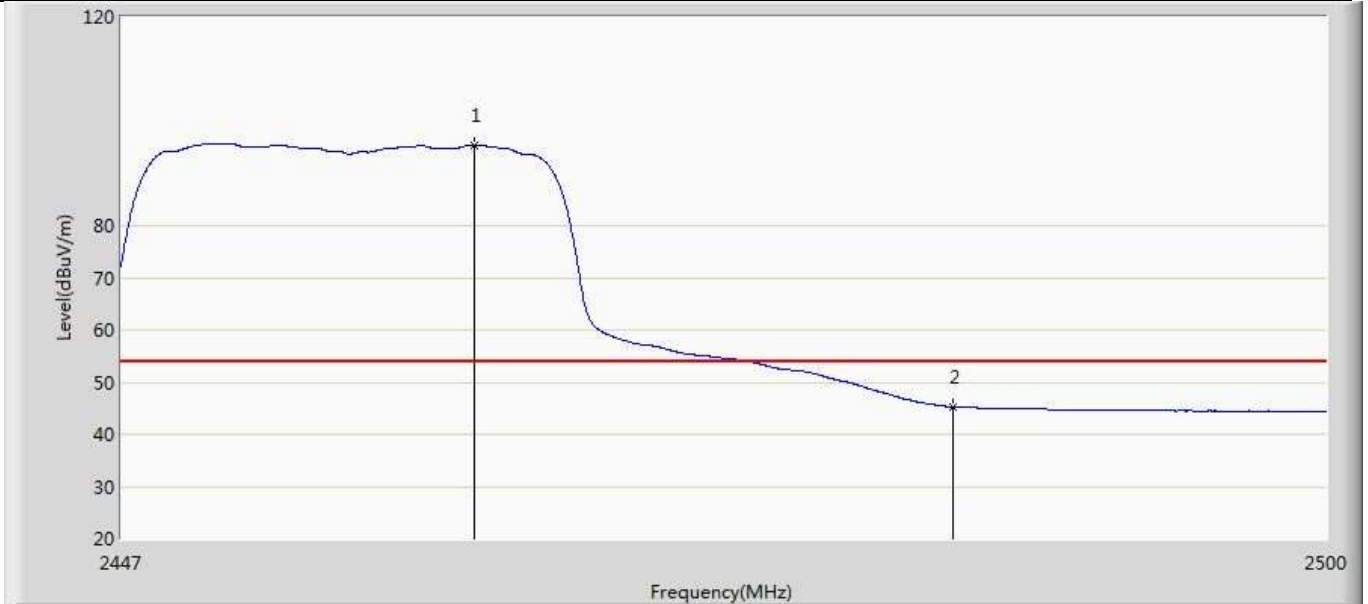
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	42.114	6.657	-11.886	54.000	35.458	AV
2	*	2411.205	94.693	59.212	N/A	N/A	35.481	AV

Profile: 20B0050R	Page No.: 21
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 10:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode3:Transmit at 2457MHz by 802.11n(20MHz)	



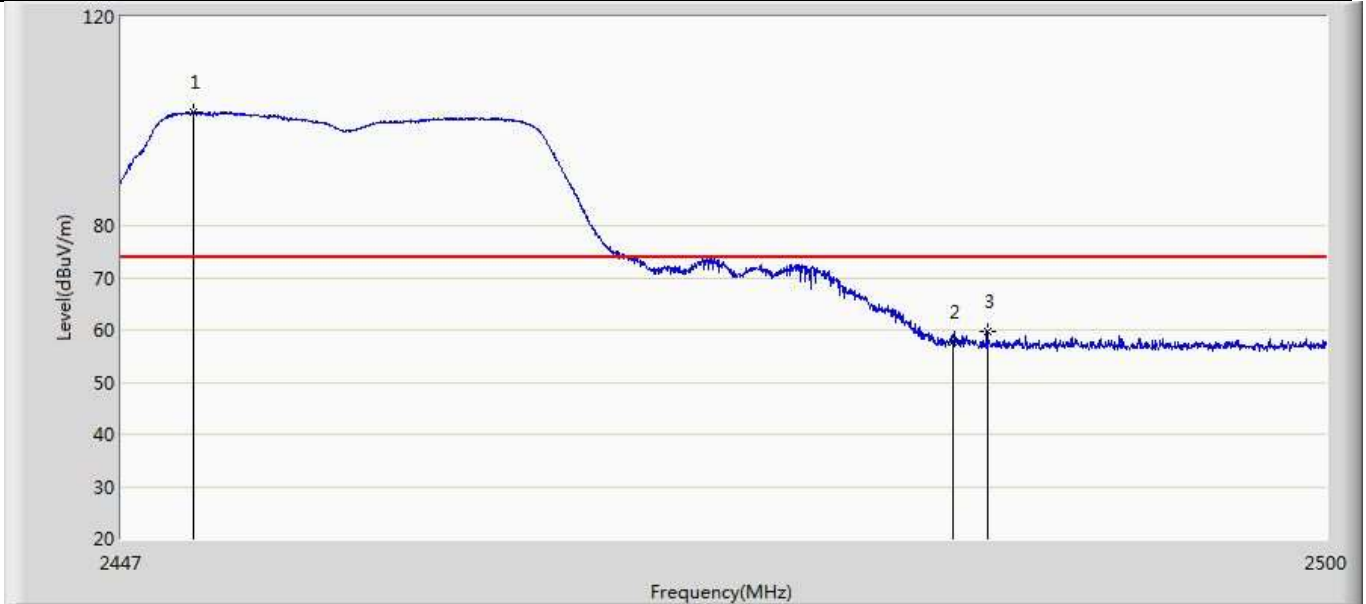
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2463.138	104.066	68.530	N/A	N/A	35.537	PK
2		2483.500	57.542	22.024	-16.458	74.000	35.517	PK
3		2485.213	59.899	24.371	-14.101	74.000	35.528	PK

Profile: 20B0050R	Page No.: 22
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 10:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode3:Transmit at 2457MHz by 802.11n(20MHz)	



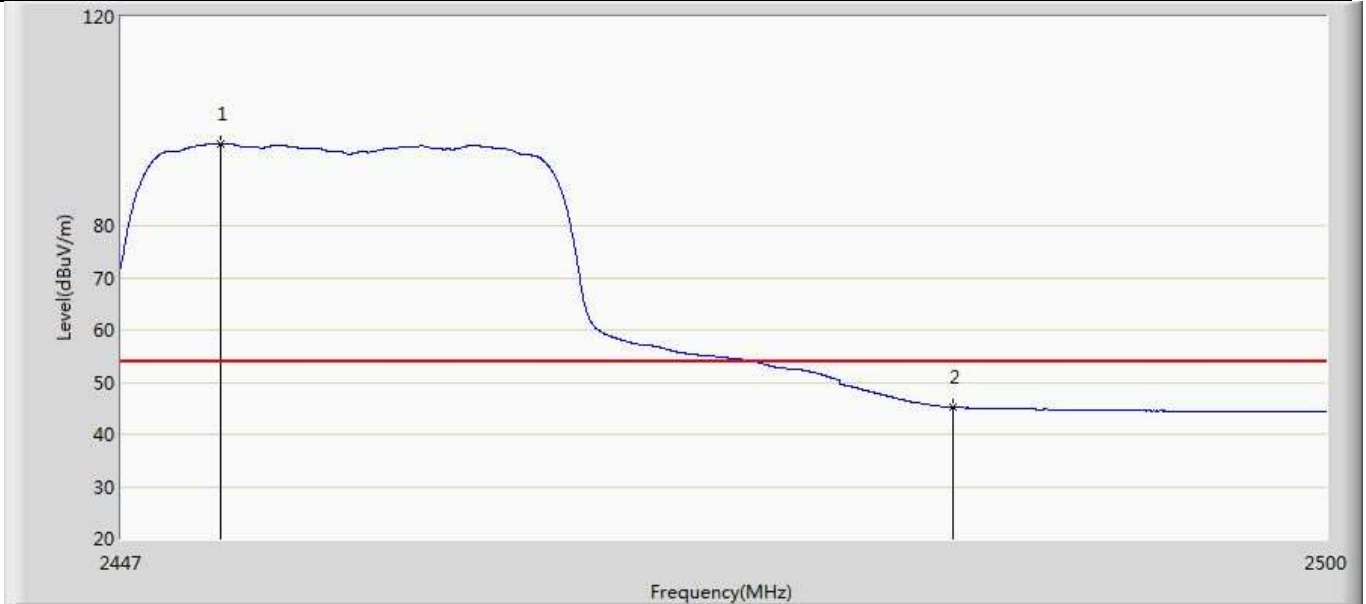
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2462.449	95.393	59.855	N/A	N/A	35.538	AV
2		2483.500	45.280	9.762	-8.720	54.000	35.517	AV

Profile: 20B0050R	Page No.: 23
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 10:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode3:Transmit at 2457MHz by 802.11n(20MHz)	



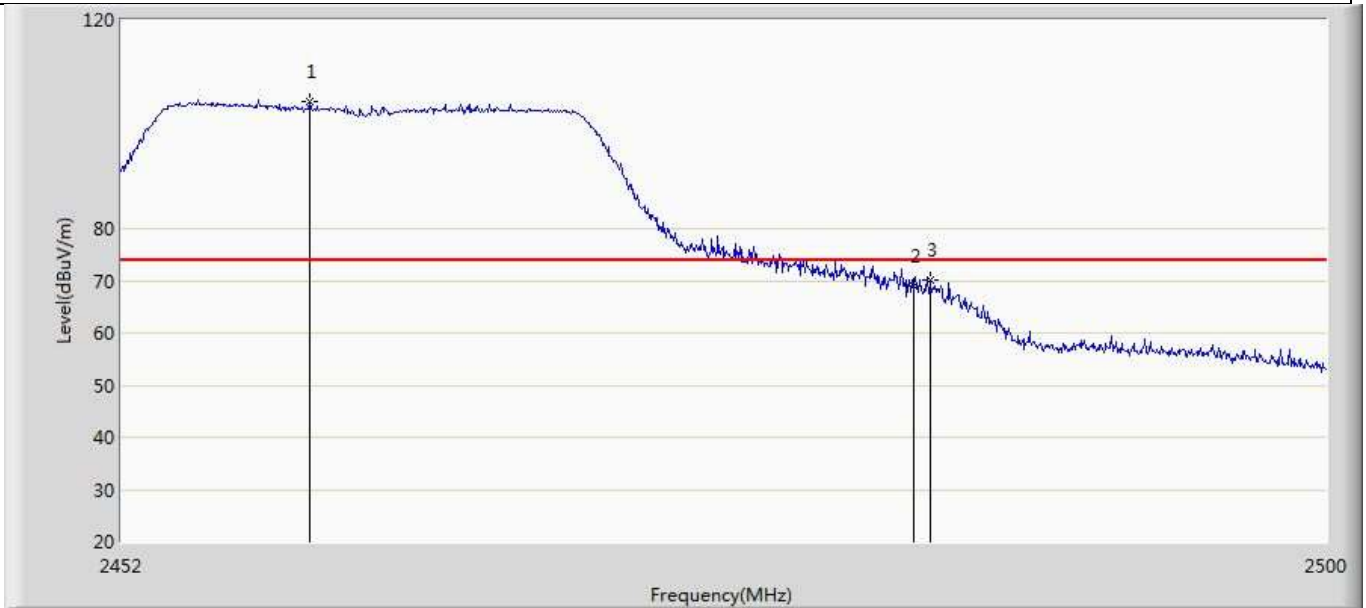
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2450.180	101.632	66.126	N/A	N/A	35.507	PK
2		2483.500	57.711	22.193	-16.289	74.000	35.517	PK
3		2484.975	59.654	24.128	-14.346	74.000	35.526	PK

Profile: 20B0050R	Page No.: 24
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 10:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode3:Transmit at 2457MHz by 802.11n(20MHz)	



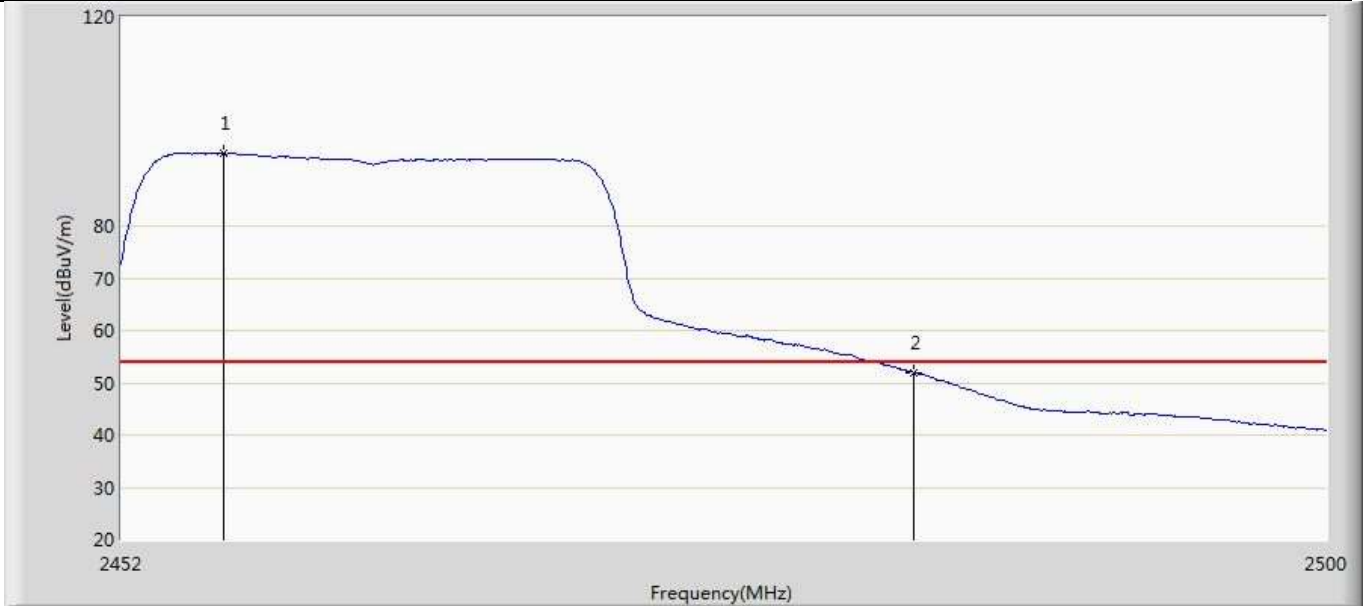
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2451.320	95.678	60.168	N/A	N/A	35.509	AV
2		2483.500	45.173	9.655	-8.827	54.000	35.517	AV

Profile: 20B0050R	Page No.: 22
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 22:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 3: Transmit at 2462MHz by 802.11n (20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2459.440	104.450	68.918	N/A	N/A	35.532	PK
2		2483.500	69.054	33.536	-4.946	74.000	35.517	PK
3		2484.112	70.260	34.739	-3.740	74.000	35.521	PK

Profile: 20B0050R	Page No.: 21
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 22:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 3: Transmit at 2462MHz by 802.11n (20MHz)	



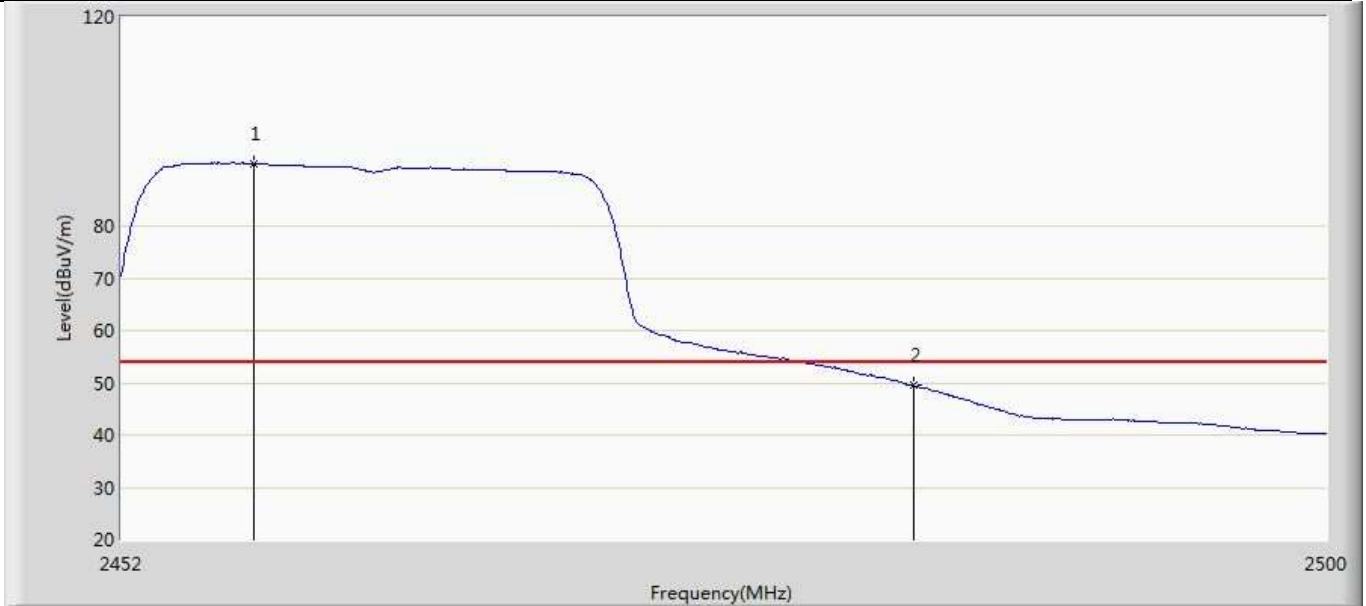
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2456.080	93.886	58.363	N/A	N/A	35.522	AV
2		2483.500	52.008	16.490	-1.992	54.000	35.517	AV

Profile: 20B0050R	Page No.: 24
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 22:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 3: Transmit at 2462MHz by 802.11n (20MHz)	



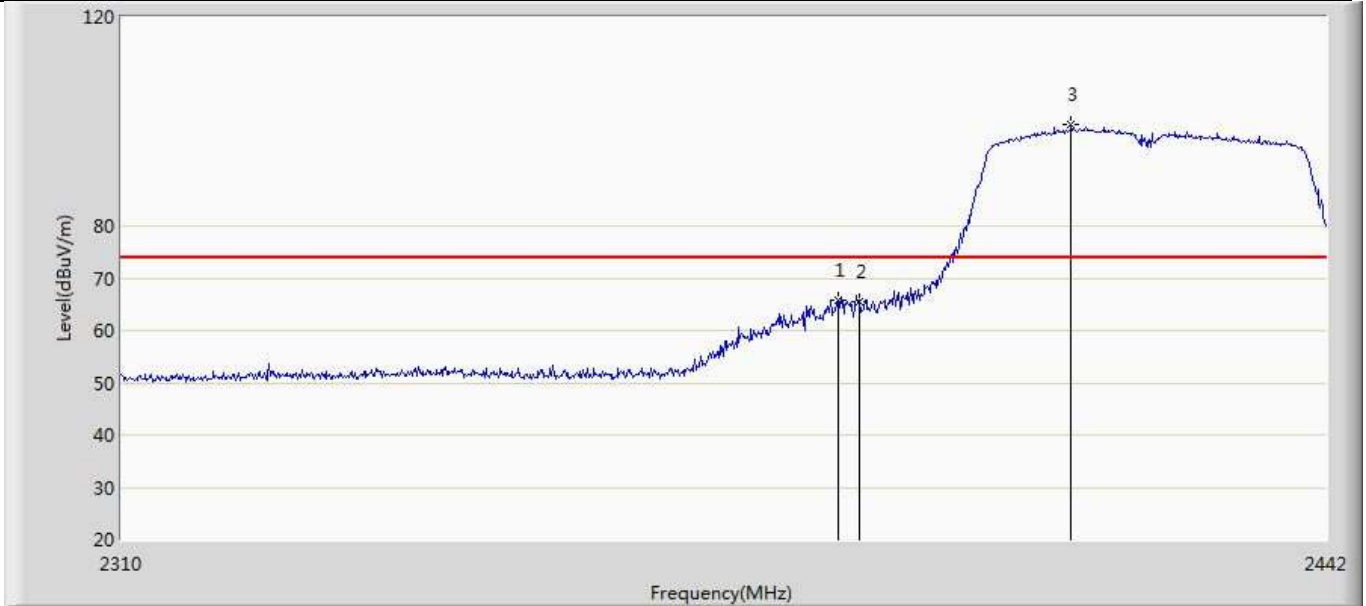
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2456.944	102.500	66.975	N/A	N/A	35.525	PK
2		2483.500	65.771	30.253	-8.229	74.000	35.517	PK
3		2483.728	68.604	33.085	-5.396	74.000	35.519	PK

Profile: 20B0050R	Page No.: 23
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 22:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 3: Transmit at 2462MHz by 802.11n (20MHz)	



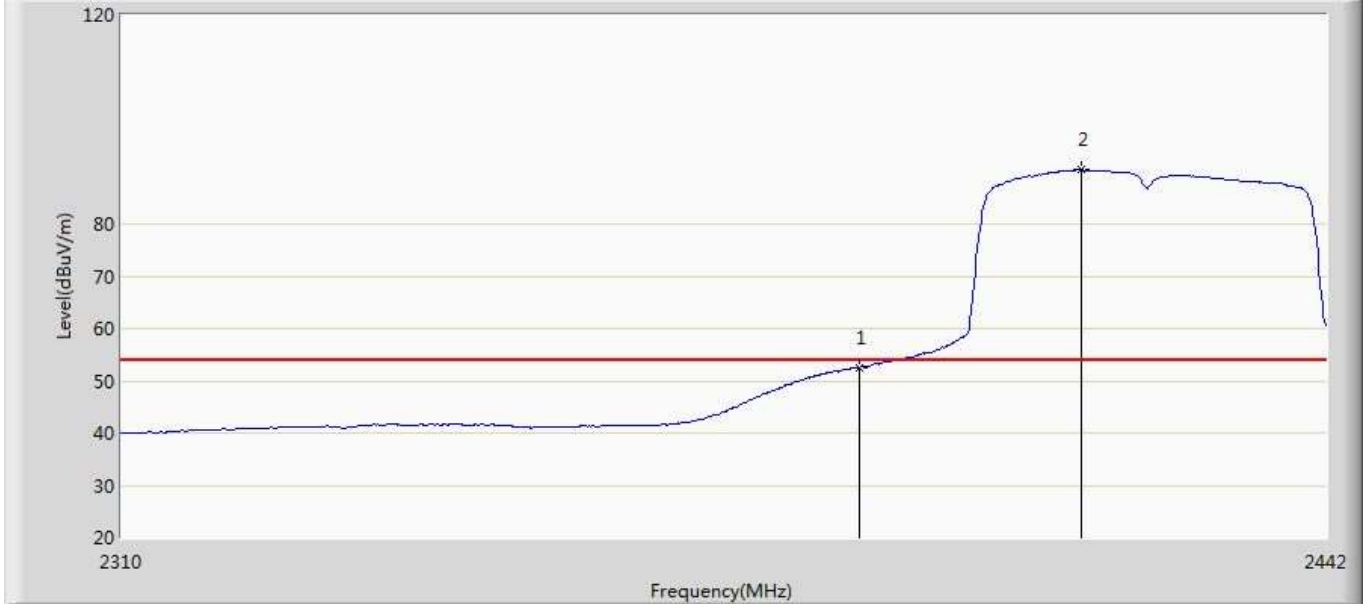
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2457.232	91.910	56.384	N/A	N/A	35.526	AV
2		2483.500	49.443	13.925	-4.557	54.000	35.517	AV

Profile: 20B0050R	Page No.: 26
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 23:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 4: Transmit at 2422MHz by 802.11n (40MHz)	



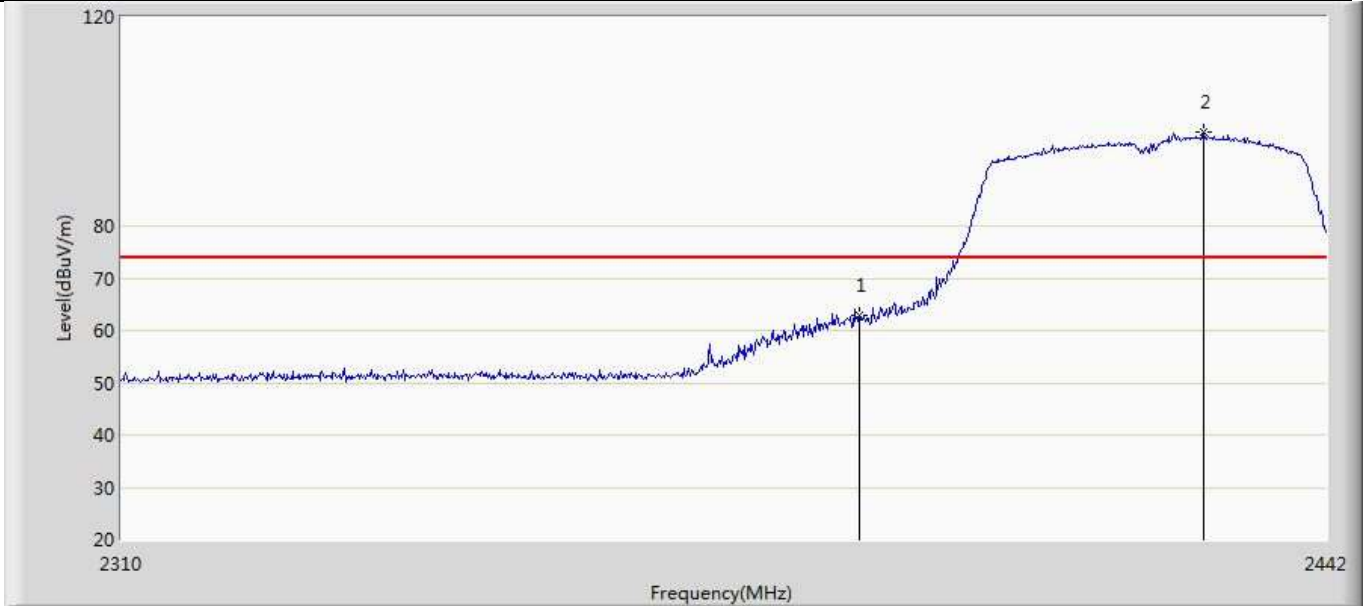
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2387.748	65.879	30.423	-8.121	74.000	35.457	PK
2		2390.000	65.604	30.147	-8.396	74.000	35.458	PK
3	*	2413.488	99.299	63.812	N/A	N/A	35.487	PK

Profile: 20B0050R	Page No.: 25
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 23:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 4: Transmit at 2422MHz by 802.11n (40MHz)	



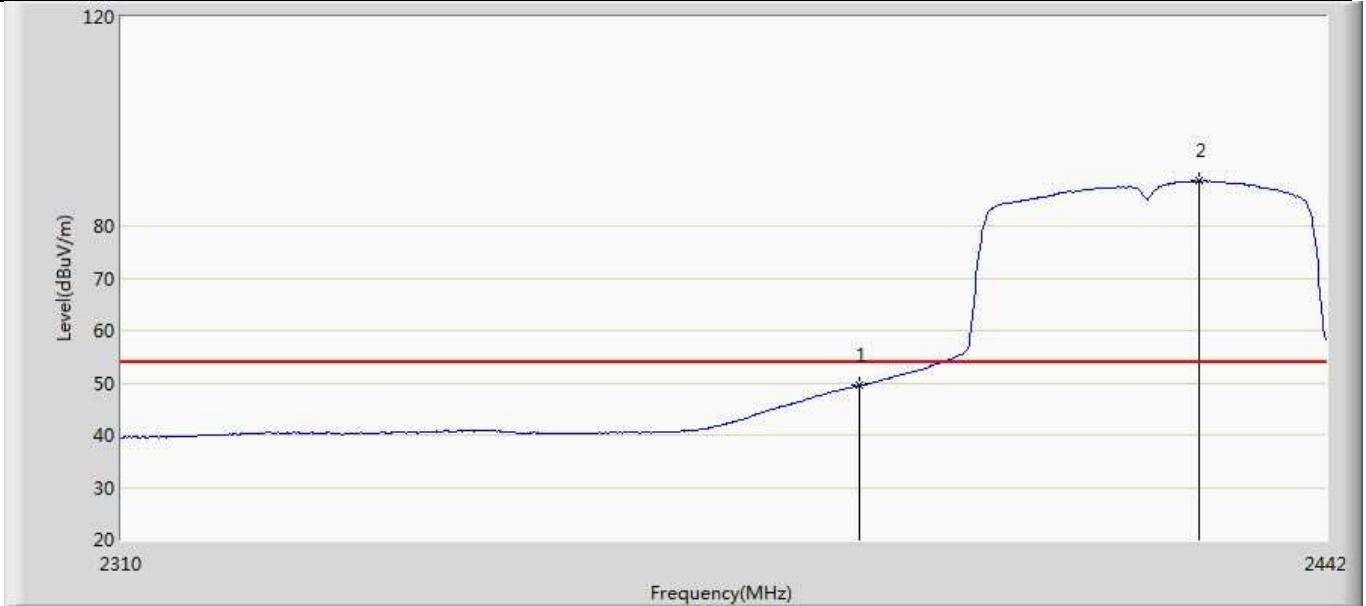
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	52.483	17.026	-1.517	54.000	35.458	AV
2	*	2414.676	90.377	54.887	N/A	N/A	35.489	AV

Profile: 20B0050R	Page No.: 28
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 23:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 4: Transmit at 2422MHz by 802.11n (40MHz)	



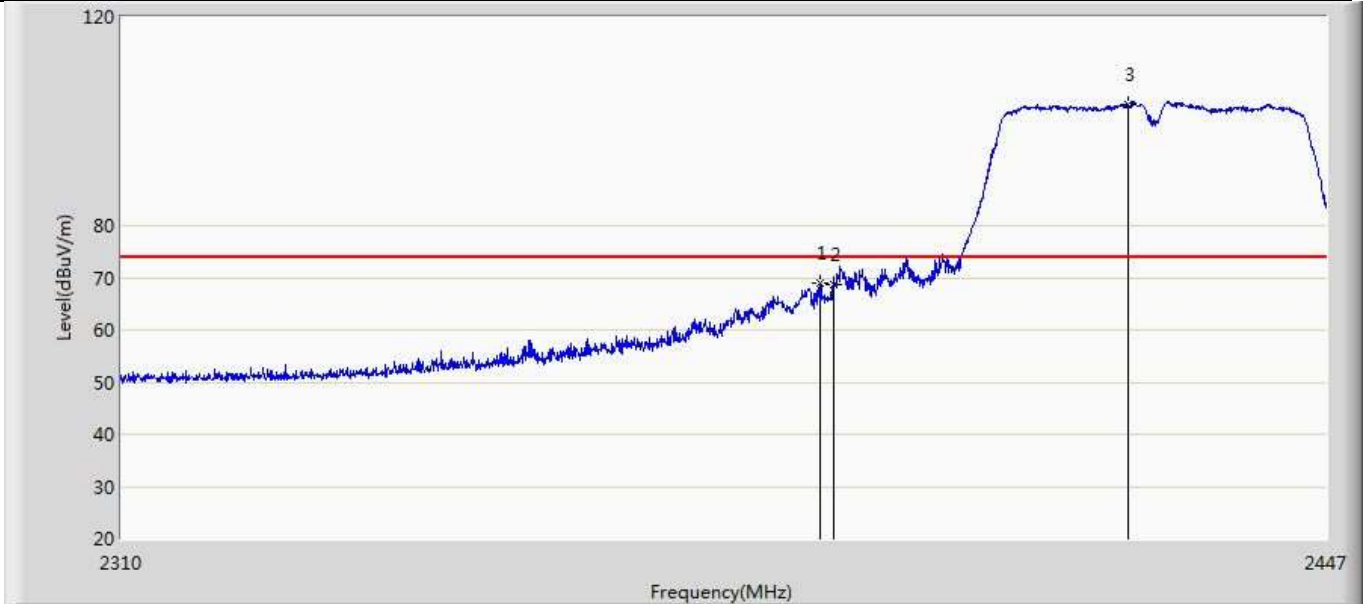
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	62.868	27.411	-11.132	74.000	35.458	PK
2	*	2428.272	98.096	62.573	N/A	N/A	35.523	PK

Profile: 20B0050R	Page No.: 27
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 23:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 4: Transmit at 2422MHz by 802.11n (40MHz)	



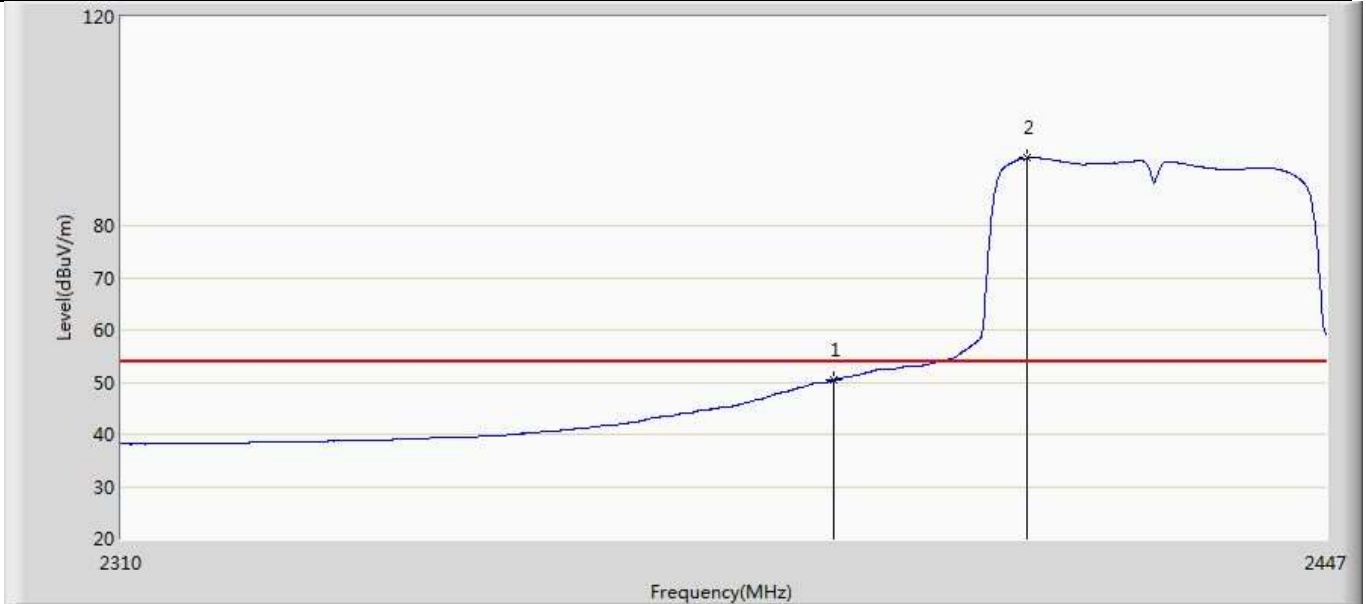
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	49.468	14.011	-4.532	54.000	35.458	AV
2	*	2427.744	88.668	53.145	N/A	N/A	35.523	AV

Profile: 20B0050R	Page No.: 25
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 10:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode4:Transmit at 2427MHz by 802.11n(40MHz)	



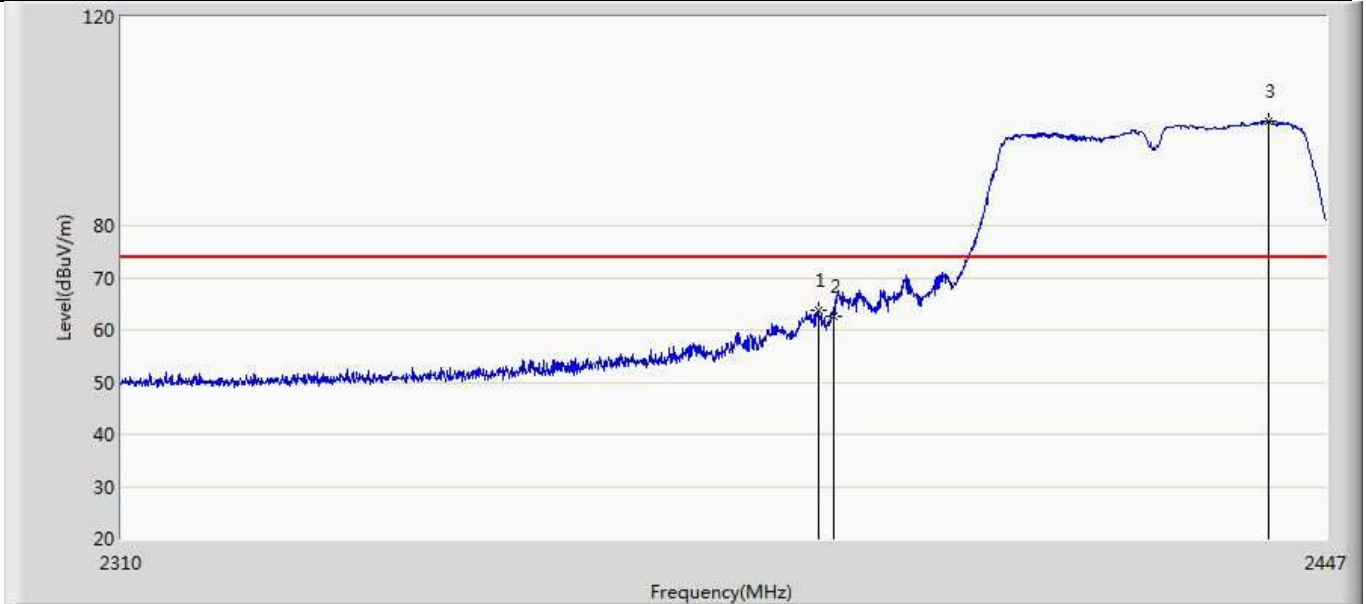
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2388.501	69.052	33.595	-4.948	74.000	35.456	PK
2		2390.000	68.812	33.355	-5.188	74.000	35.458	PK
3	*	2424.052	103.152	67.639	N/A	N/A	35.514	PK

Profile: 20B0050R	Page No.: 26
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 11:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode4:Transmit at 2427MHz by 802.11N(40MHz)	



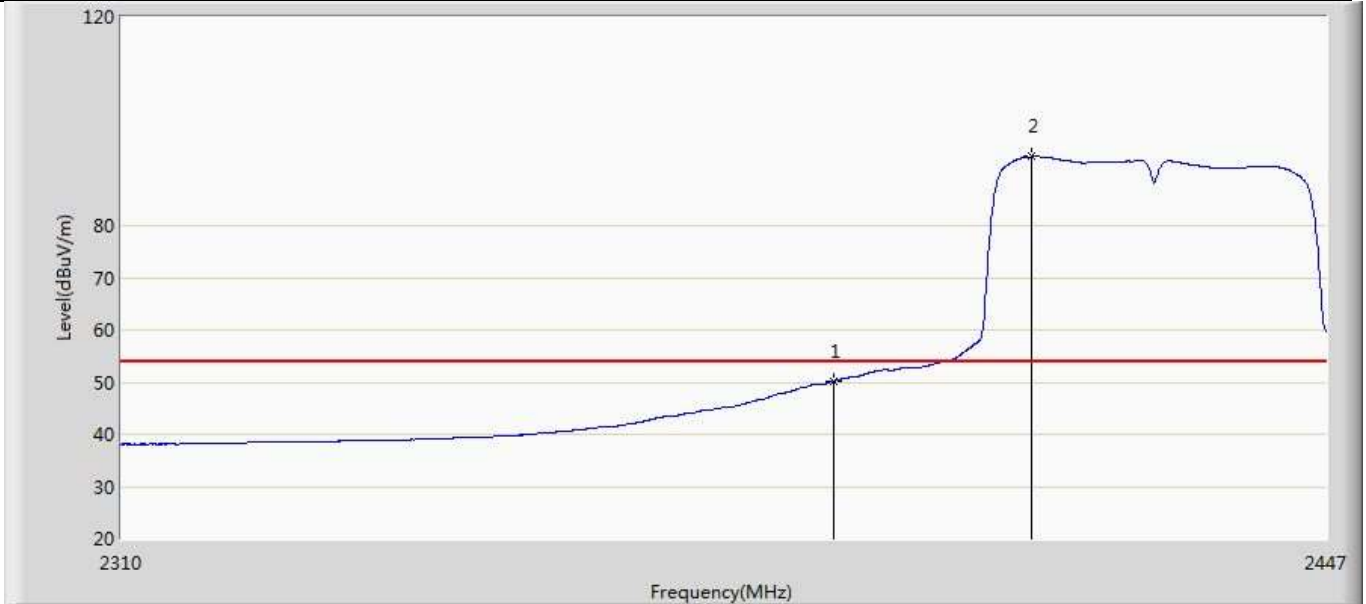
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	50.406	14.949	-3.594	54.000	35.458	AV
2	*	2412.339	92.911	57.427	N/A	N/A	35.483	AV

Profile: 20B0050R	Page No.: 27
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 11:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode4:Transmit at 2427MHz by 802.11n(40MHz)	



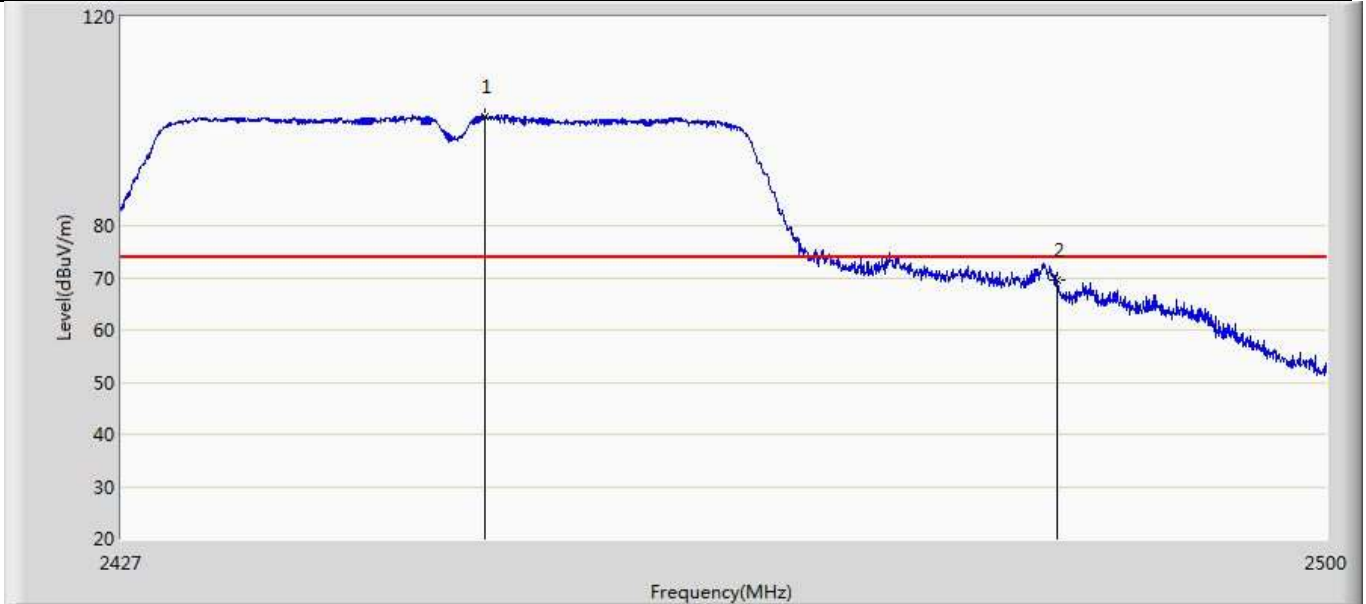
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2388.295	63.815	28.359	-10.185	74.000	35.456	PK
2		2390.000	62.640	27.183	-11.360	74.000	35.458	PK
3	*	2440.287	100.077	64.576	N/A	N/A	35.501	PK

Profile: 20B0050R	Page No.: 28
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 11:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode4:Transmit at 2427MHz by 802.11n(40MHz)	



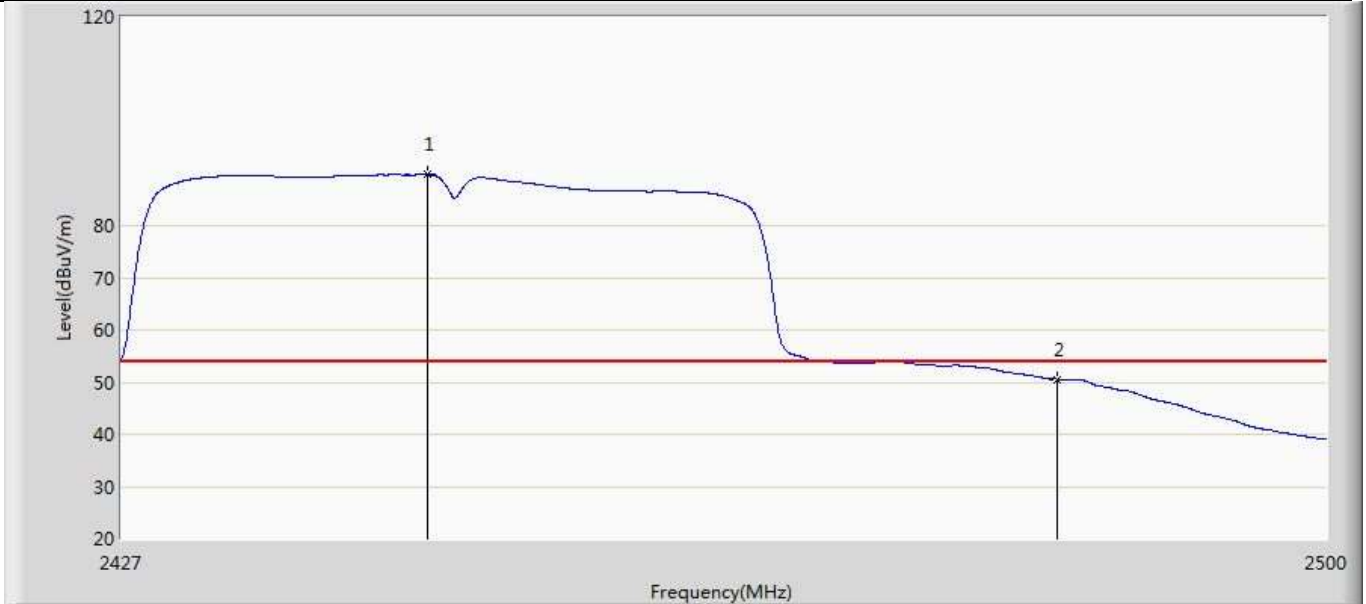
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	50.186	14.729	-3.814	54.000	35.458	AV
2	*	2412.750	93.191	57.706	N/A	N/A	35.484	AV

Profile: 20B0050R	Page No.: 29
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 11:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode4:Transmit at 2447MHz by 802.11n(40MHz)	



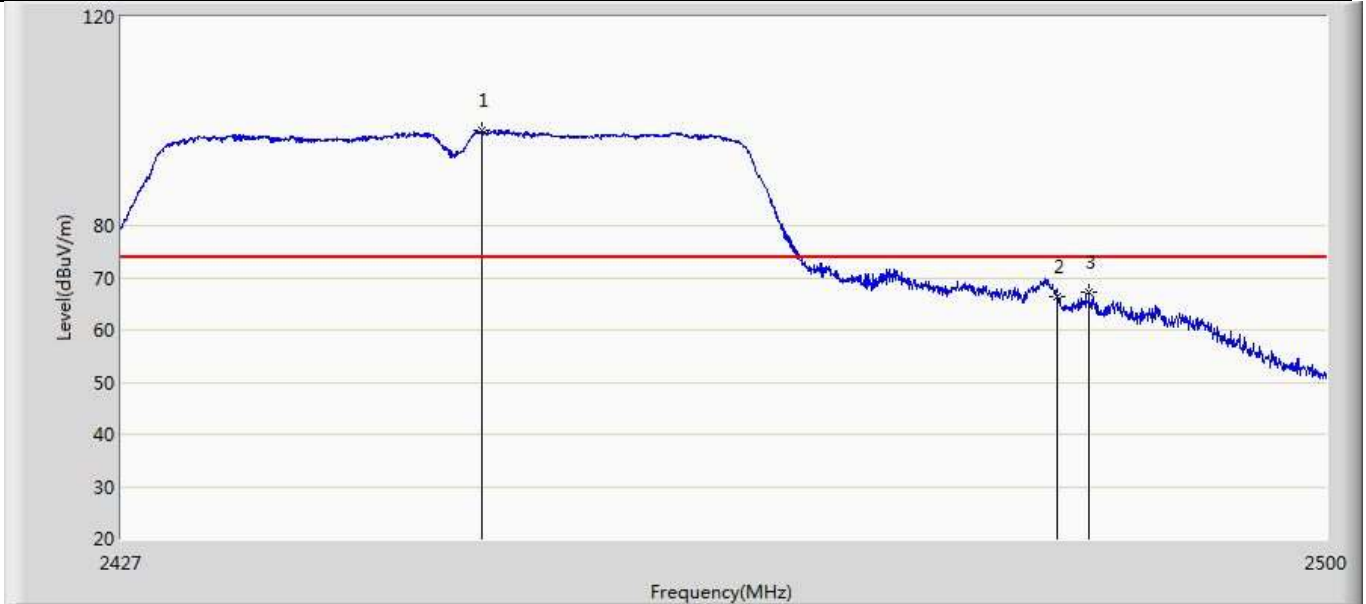
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2448.827	100.920	65.417	N/A	N/A	35.502	PK
2		2483.500	69.625	34.107	-4.375	74.000	35.517	PK

Profile: 20B0050R	Page No.: 30
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 11:08
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode4:Transmit at 2447MHz by 802.11n(40MHz)	



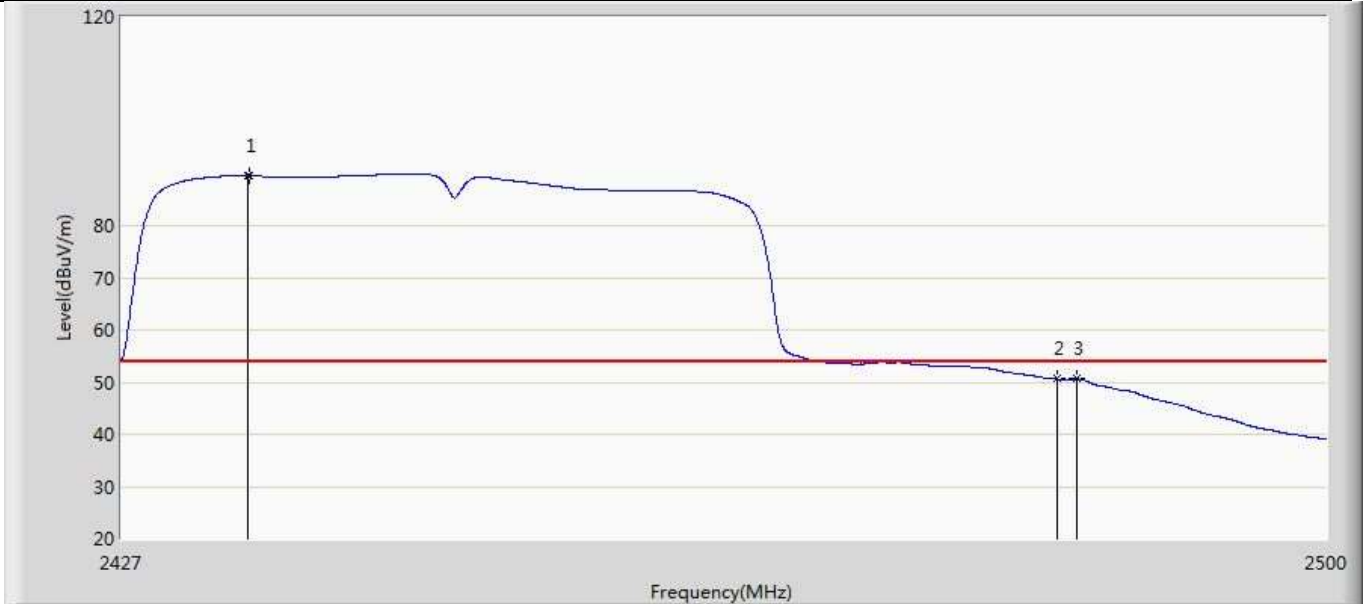
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2445.360	89.767	54.274	N/A	N/A	35.493	AV
2		2483.500	50.560	15.042	-3.440	54.000	35.517	AV

Profile: 20B0050R	Page No.: 31
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 11:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode4:Transmit at 2447MHz by 802.11n(40MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2448.608	98.118	62.616	N/A	N/A	35.502	PK
2		2483.500	66.442	30.924	-7.558	74.000	35.517	PK
3		2485.473	67.160	31.631	-6.840	74.000	35.529	PK

Profile: 20B0050R	Page No.: 32
Engineer: Pawn	
Site: AC5	Time: 2021/01/11 - 11:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: RING BRIDGE LDO V2	Power: AC 120V/60Hz
Note: Mode4:Transmit at 2447MHz by 802.11n(40MHz)	



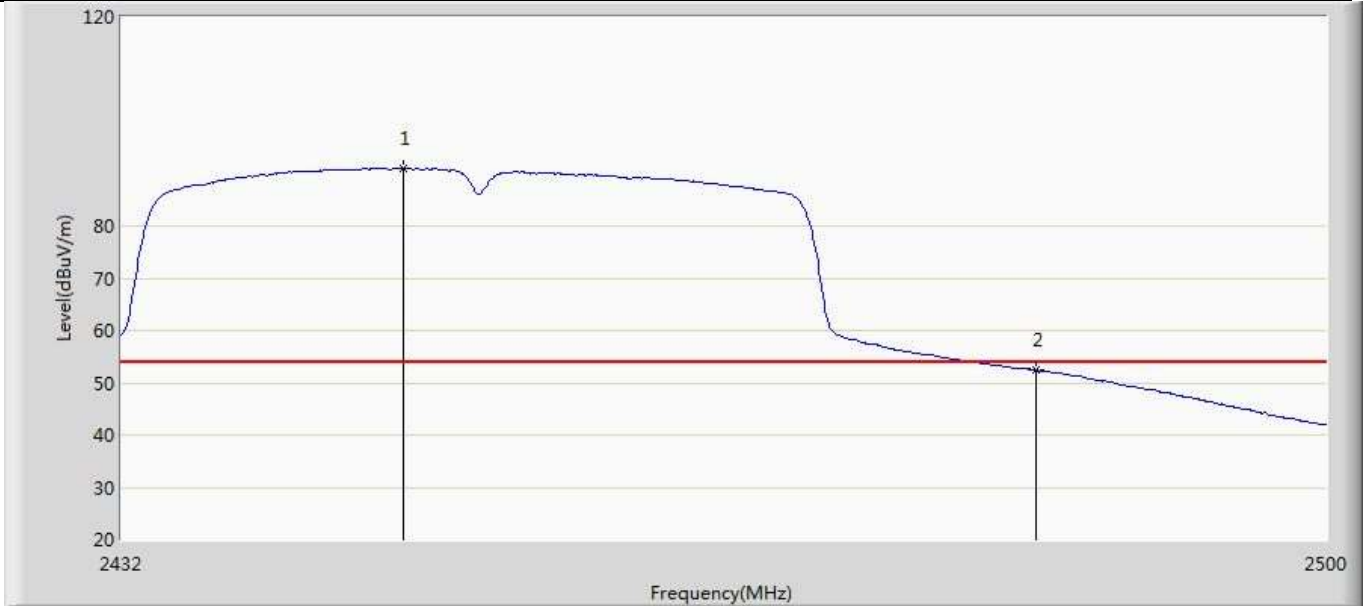
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2434.628	89.495	53.984	N/A	N/A	35.511	AV
2		2483.500	50.591	15.073	-3.409	54.000	35.517	AV
3		2484.707	50.605	15.080	-3.395	54.000	35.525	AV

Profile: 20B0050R	Page No.: 30
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 23:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 4: Transmit at 2452MHz by 802.11n (40MHz)	



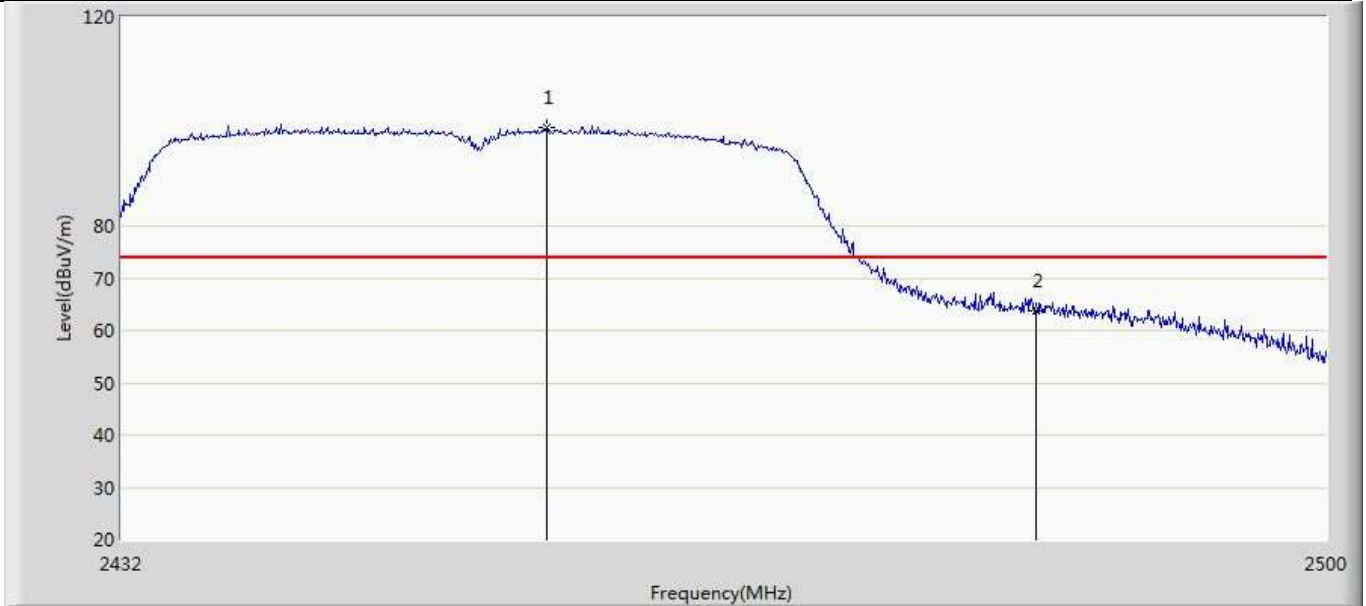
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2445.124	102.603	67.111	N/A	N/A	35.492	PK
2		2483.500	65.678	30.160	-8.322	74.000	35.517	PK
3		2484.632	67.975	32.451	-6.025	74.000	35.524	PK

Profile: 20B0050R	Page No.: 29
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 23:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 4: Transmit at 2452MHz by 802.11n (40MHz)	



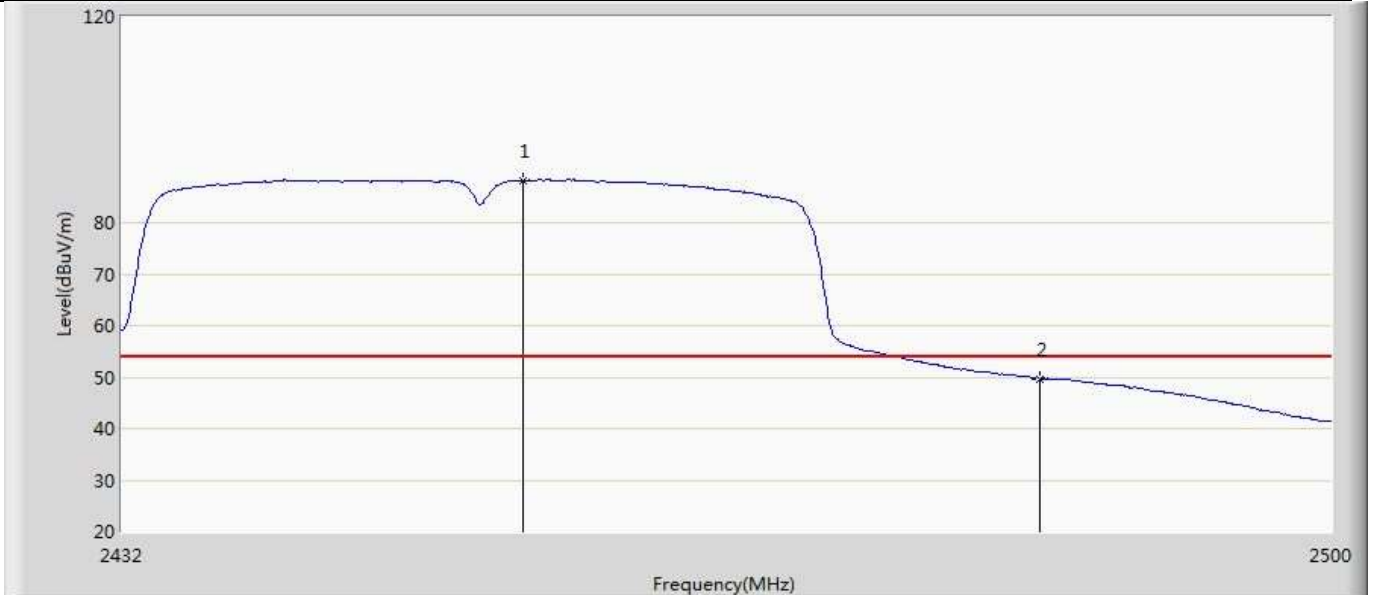
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2447.776	90.954	55.454	N/A	N/A	35.500	AV
2		2483.500	52.463	16.945	-1.537	54.000	35.517	AV

Profile: 20B0050R	Page No.: 32
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 23:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 4: Transmit at 2452MHz by 802.11n (40MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2455.800	98.779	63.257	N/A	N/A	35.522	PK
2		2483.500	63.704	28.186	-10.296	74.000	35.517	PK

Profile: 20B0050R	Page No.: 31
Engineer: Yu.Liu	
Site: AC5	Time: 2020/12/15 - 23:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Ring bridge LDO V2	Power:AC 120V/60Hz
Note: Mode 4: Transmit at 2452MHz by 802.11n (40MHz)	

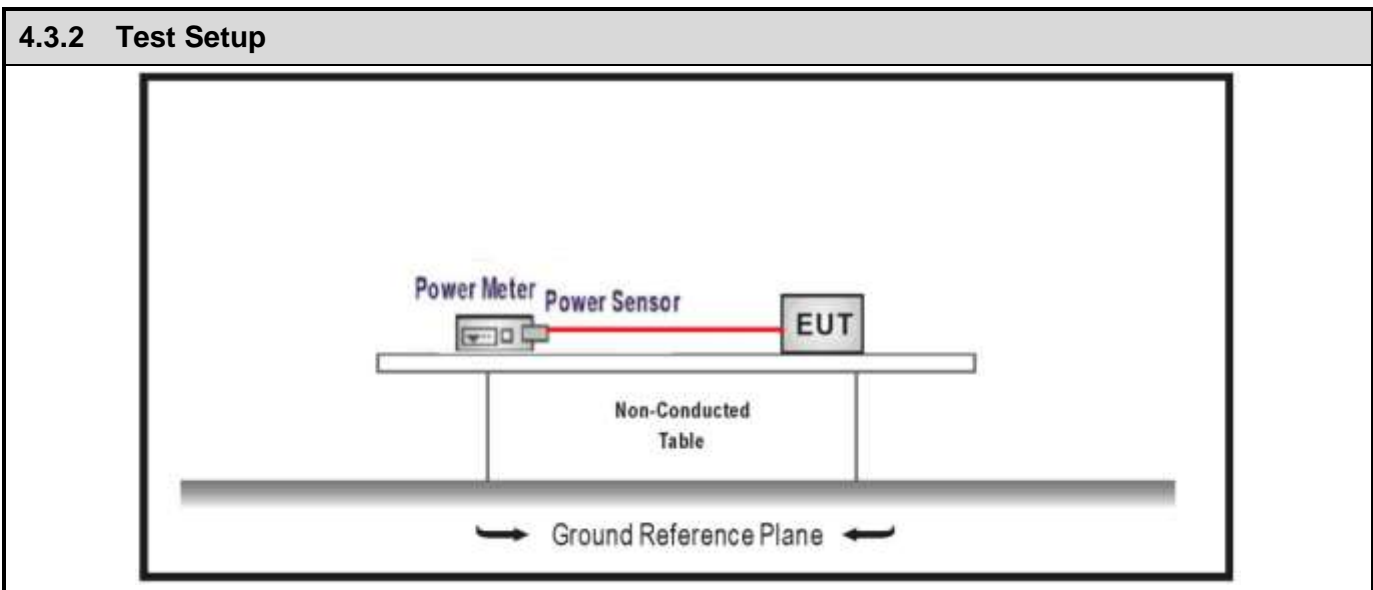


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2454.372	88.179	52.661	N/A	N/A	35.518	AV
2		2483.500	49.705	14.187	-4.295	54.000	35.517	AV

Remark	1. " * ", means this data is the worst emission level. 2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).
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4.3 Fundamental emission output power	VERDICT: PASS
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4.3.1 Limit		
Standard	FCC Part 15 Subpart C Paragraph 15.247 (b)(3)	
<input checked="" type="checkbox"/>	GTX < 6dBi	Pout ≤ 30dBm
<input type="checkbox"/>	GTX > 6dBi	
<input type="checkbox"/>	Non-Fix point-point	$P_{out} \leq 30 - (GTX - 6)$
<input type="checkbox"/>	Fix point-point	$P_{out} \leq 30 - [(GTX - 6)]/3$
<input type="checkbox"/>	Point-to-multipoint	$P_{out} \leq 30 - (GTX - 6)$
<input type="checkbox"/>	Overlap Beams	$P_{out} \leq 30 - [(GTX - 6)]/3$
<input type="checkbox"/>	Aggregate power transmitted simultaneously on all beams	$P_{out} \leq 30 - [(GTX - 6)]/3$
<input type="checkbox"/>	single directional beam	$P_{out} \leq 30 - [(GTX - 6)]/3 + 8dB$
Note 1 : GTX directional gain of transmitting antennas. Note 2 : Pout is maximum peak conducted output power .		



4.3.3 Test Procedure			
	References Rule	Chapter	Description
<input checked="" type="checkbox"/>	ANSI C63.10	11.9	Fundamental emission output power
<input type="checkbox"/>	ANSI C63.10	11.9.1	Maximum peak conducted output power
	<input type="checkbox"/> ANSI C63.10	11.9.1.1	RBW \geq DTS bandwidth
	<input type="checkbox"/> ANSI C63.10	11.9.1.2	Integrated band power method
	<input type="checkbox"/> ANSI C63.10	11.9.1.3	PKPM1 Peak power meter method
<input checked="" type="checkbox"/>	ANSI C63.10	11.9.2	Maximum conducted (average) output power
	<input type="checkbox"/> ANSI C63.10	11.9.2.2	Measurement using a spectrum analyzer (SA)
	<input type="checkbox"/> ANSI C63.10	11.9.2.2.2	Method AVGSA-1(Duty cycle \geq 98%)
	<input type="checkbox"/> ANSI C63.10	11.9.2.2.3	Method AVGSA-1A(Duty cycle \geq 98%)
	<input type="checkbox"/> ANSI C63.10	11.9.2.2.4	Method AVGSA-2(Duty cycle \leq 98%)
	<input type="checkbox"/> ANSI C63.10	11.9.2.2.5	Method AVGSA-2A(Duty cycle \leq 98%)
	<input type="checkbox"/> ANSI C63.10	11.9.2.2.4	Method AVGSA-3
	<input type="checkbox"/> ANSI C63.10	11.9.2.2.5	Method AVGSA-3A
	<input checked="" type="checkbox"/> ANSI C63.10	11.9.2.3	Measurement using a power meter (PM)
	<input checked="" type="checkbox"/> ANSI C63.10	11.9.2.3.1	Method AVGPM
	<input type="checkbox"/> ANSI C63.10	11.9.2.3.2	Method AVGPM-G

4.3.4 Test Data

Mode	Channel	Test Frequency (MHz)	Power Output (dBm)	E.I.R.P (dBm)	Conducted Limit (dBm)	E.I.R.P Limit (dBm)	Result
1	1	2412	16.38	18.18	30.00	36.00	Pass
	2	2417	18.24	20.04	30.00	36.00	Pass
	6	2437	18.33	20.13	30.00	36.00	Pass
	10	2457	18.09	19.89	30.00	36.00	Pass
	11	2462	17.16	18.96	30.00	36.00	Pass
2	1	2412	15.79	17.59	30.00	36.00	Pass
	2	2417	16.28	18.08	30.00	36.00	Pass
	6	2437	17.69	19.49	30.00	36.00	Pass
	10	2457	17.49	19.29	30.00	36.00	Pass
	11	2462	17.24	19.04	30.00	36.00	Pass
3	1	2412	13.82	15.62	30.00	36.00	Pass
	2	2417	15.79	17.59	30.00	36.00	Pass
	6	2437	16.37	18.17	30.00	36.00	Pass
	10	2457	16.12	17.92	30.00	36.00	Pass
	11	2462	15.72	17.52	30.00	36.00	Pass
4	3	2422	13.96	15.76	30.00	36.00	Pass
	4	2427	13.98	15.78	30.00	36.00	Pass
	6	2437	14.59	16.39	30.00	36.00	Pass
	8	2447	14.26	16.06	30.00	36.00	Pass
	9	2452	13.28	15.08	30.00	36.00	Pass

4.4 Test setup photo and EUT Photo

VERDICT: PASS

Remark: The test setup photo and EUT Photo please see appendix.

_____ The End _____