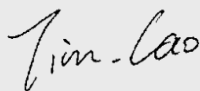
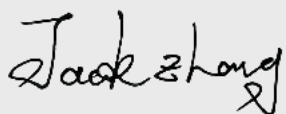


Test report No:

22A0147R-RF-FCC&ISED-P01V01

FCC&ISED TEST REPORT

Product Name	Automotive Infotainment System
Trademark	Mercedes-Benz
Model and /or type reference	NTG7Q HIGH LF2
FCC ID	2AOUZNTG7QHIGLF2
ISED	30650-NTG7QHIGLF2
Applicant's name / address	CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH VDO-Strasse 1, 64832 Babenhausen, Germany
Test method requested, standard	FCC CFR Title 47 Part 15 Subpart C Section 15.247 FCC CFR Title 47 Part 15 Subpart E ANSI C63.10: 2013 KDB 558074 D01v05r02 KDB 662911 D01v02r01 KDB 789033 D02 v02r01 RSS-Gen Issue 5 /RSS-247 Issue 2
Verdict Summary	IN COMPLIANCE
Documented by (name / position & signature)	Tim Cao/Project Engineer 
Approved by (name / position & signature)	Jack Zhang/ Manager 
Date of issue	2022-11-29
Report Version	V1.0
Report template No	Template_FCC Part15C+ Part15E+RSS247-RF-V1.0

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COMPETENCES AND GUARANTEES

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

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

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

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

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

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.

ENVIRONMENTAL CONDITIONS

The EUT and equipment of in the basic standard or applied product / product family standard the climatic values are as below:

Ambient temperature	15 °C – 35 °C
Relative Humidity air	20% - 75%

If the climatic conditions during the tests are within the limits specified by manufacturer, the climatic values are recorded and documented separately in this test report.

GENERAL CONDITIONS

Test Location	No. 99, Hongye Road, Suzhou Industrial Park Suzhou, 215006, P.R. China
Date(receive sample)	Oct. 13, 2022
Date (start test)	Oct. 15, 2022
Date (finish test)	Oct. 29, 2022

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.

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
Tx	: Transmitter
Rx	: Receiver
N/A	: Not Applicable
N/M	: Not Measured

DOCUMENT HISTORY

Report No.	Version	Description	Issued Date
22A0147R-RF-FCC&ISED-P01V01	V1.0	Initial issue of report.	2022-11-29

REMARKS AND COMMENTS

1. The equipment under test (EUT) does meet the essential requirements of the stated standard(s)/test(s).
2. This report is for the pre-test of customer products, only the test report can be issued.
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 Informaion;
 - Chapter 1.3 Data Rate.
 - Chapter 1.4 Channel List.

USED EQUIPMENT

Radiated Emission(Below 1GHz) / AC-2

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
EMI Test Receiver	R&S	ESCI	100176	2022.07.10	2023.07.09
Loop Antenna	R&S	HFH2-Z2	833799/003	2022.04.15	2023.04.14
Bilog Antenna	Teseq GmbH	CBL6112D	27613	2022.08.28	2023.08.27
Coaxial Cable	Huber+Suhner	RG 214	AC3-C	2022.03.30	2023.03.29
Temperature/Humidity Meter	RTS	RTS-8S	AC3-TH	2021.11.23	2022.11.22
Dekra test software	Dekra	-	-	-	-

Note: All equipment is calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

Radiated Emission(Above 1GHz) / AC-5

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2021.12.15	2022.12.14
Amplifier	SKET	LNPA_0118G-45	SK2021041201	2022.04.15	2023.04.14
Preamplifier	EMCI	EMC184045SE	980263	2022.05.21	2023.05.20
DRG Horn Antenna	ETS-Lindgren	3117	00167055	2022.08.29	2023.08.28
Broad-BandHornAntenna	Schwarzbeck	BBHA9170	294	2022.05.19	2023.05.18
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C2	2022.03.30	2023.03.29
Coaxial Cable	ROSENBERGER	LA1-C011-2000/3000	AC5-40G	2022.03.21	2023.03.20
High-Pass Filter	Wainwright	WHKX7.0/18G-8SS	27	2022.06.07	2023.06.06
Temperature/Humidity Meter	RTS	RTS-8S	AC5-TH	2022.07.07	2023.07.06
Dekra test software	Dekra	-	-	-	-

Note: All equipment is calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

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
Radiated Emission	Below 1GHz ± 3.8 dB
	Above 1GHz ± 3.9 dB
Radiated Emission Band Edge	± 3.9 dB

1 GENERAL INFORMATION

1.1 General Description of the Item(s)

Product Name	Automotive Infotainment System
Model No.	NTG7Q HIGH LF2
Trademark.....	Mercedes-Benz
Hardware Version.....	D11
Software Version.....	E329.1
Manufacturer	CONTINENTAL AUTOMOTIVE TECHNOLOGIES GMBH
Manufacturer address.....	VDO-Strasse 1, 64832 Babenhausen, Germany
Factory.....	Continental Automotive Hungary Kft
Factory address	Napmátka u. 6. Building B/D H-1106 Budapest
Model Difference(s)	N/A

Wireless specification.....	For WIFI 2.4G: 802.11b/g/n For WIFI 5G: 802.11a/n/ac(a20, n20, n40, ac80)
Operating frequency range(s)	2.4GHz: 2400~2483.5MHz 5.2GHz: 5150 ~ 5250MHz 5.8GHz: 5725 ~ 5850MHz
Type of Modulation.....	802.11b: DSSS-DBPSK, DQPSK, CCK 802.11g/n: OFDM-BPSK, QPSK, 16QAM, 64QAM
Number of channels	802.11b/g/n(20MHz): 11 For 5G: 802.11a/n/ac(20MHz): 21 802.11n(40MHz): 11 802.11ac(80MHz): 5

Wireless specification.....	Bluetooth 3.0(FHSS)					
Operating frequency range(s)	2402~2483.5MHz					
Type of Modulation.....	GFSK					
PHYs	☒	GFSK	☒	Pi/4 DQPSK	☒	8DPSK
Data Rate.....	☒	1Mbit/s	☒	2Mbit/s	☒	3Mbit/s
Number of channels	79					

Rated power supply..... :	Voltage and Frequency	
	☐	AC: 100 - 240 V, 50/60 Hz-140W
	☐	AC: 100 - 240 V, 50/60 Hz
	☒	DC: 12 Vdc
	☐	Battery:
	☐	Adapter:
Brand of adapter	N/A	



Adapter model..... :	N/A	
Mounting position :	☐	Tabletop equipment
	☐	Wall/Ceiling mounted equipment
	☐	Floor standing equipment
	☐	Hand-held equipment
	☒	Other: Peralatan on-board

1.2 Antenna Information

Antenna model / type number	N/A		
Antenna serial number.....	N/A		
Antenna Delivery	☒	1TX + 1RX	
	☐	2TX + 2RX	
	☐	Others:	
Antenna technology.....	☒	SISO	
	☐	MIMO	☒ CDD
			☐ Beam-forming
Antenna Type.....	☒	External	☐ Dipole
			☐ Sectorized
	☐	Internal	☐ Ceramic Chip
			☐ FPC
			☐ PCB
			☐ Others.....
Antenna Gain	N/A		

2 DESCRIPTION OF TEST SETUP

2.1 Operating mode(s) used for tests

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

Test Mode For 2.4G WIFI	Mode 1: Transmit by 802.11b
	Mode 2: Transmit by 802.11g
	Mode 3: Transmit by 802.11n(20MHz)

Test Mode For 5G WIFI	Mode 4:Transmit by 802.11a
	Mode 5:Transmit by 802.11n(20MHz)
	Mode 6:Transmit by 802.11n(40MHz)
	Mode 7:Transmit by 802.11ac(80MHz)

Test Mode For Bluetooth	Mode 8: Transmit by 1Mbps(GFSK_DH5)
	Mode 9: Transmit by 2Mbps(Pi/4 DQPSK_DH5)
	Mode 10: Transmit by 3Mbps (8DPSK_DH5)

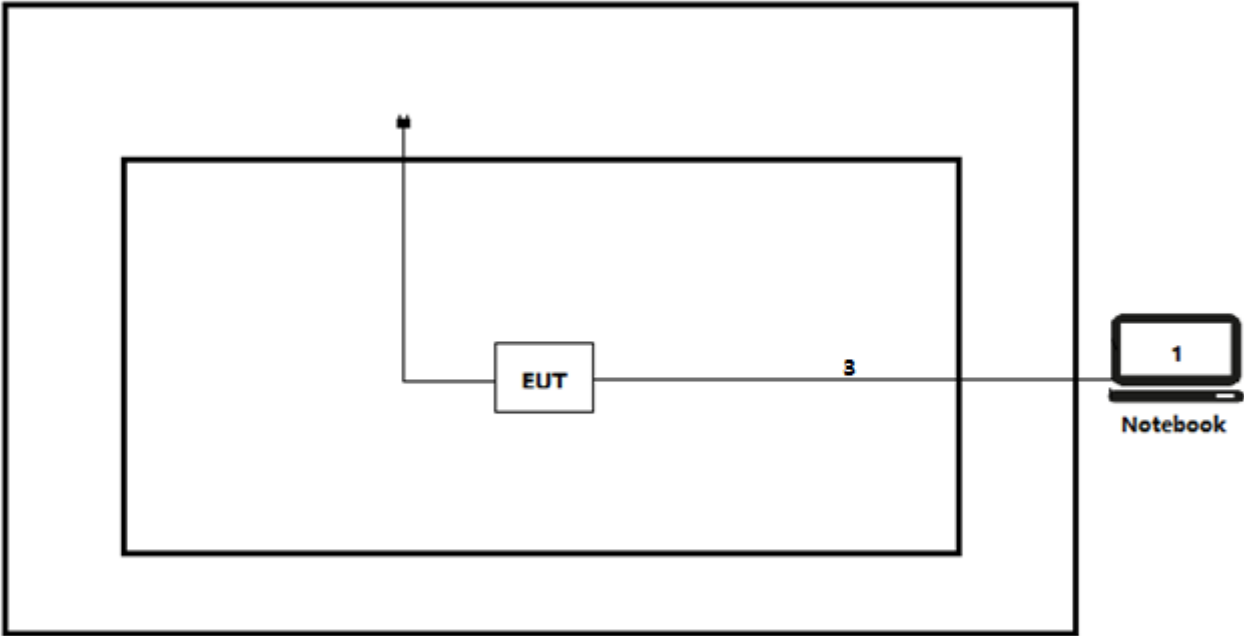
2.2 Auxiliary equipment /Accessories/Test software for the EUT

Auxiliary equipment	Type / Version	Manufacturer	Supplied by
(1) Notebook	Think pad x220	Lenovo	Adapter
(2) USB Control Cable	N/A	N/A	N/A
(3) USB Control Cable	N/A	N/A	N/A
software	Type / Version	Manufacturer	Supplied by
Putty	N/A	N/A	N/A

Accessories Information	Cable		
	Length used during test [m]	Attached during test	Shielded
(2)USB Control Cable	1	☒	☒
(3)USB Control Cable	10	☒	☒

2.3 Test Configuration / Block diagram used for tests

Test setup Diagram- Ratiated test



2.4 Testing process

1	Setup the EUT shown in Section 2.3.
2	Execute the [Putty!] on the notebook.
3	Configure the test mode, the test channel, and the data rate.
4	Verify that the EUT works properly.

3 VERDICT SUMMARY SECTION

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

3.1 Standards

Standard	Year	Description
FCC CFR Title 47 Part 15 Subpart C Section 15.247	2020	Operation within the bands 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz.
FCC CFR Title 47 Part 15 Subpart E Section 15.407	2022	General technical requirements for 5.15-5.25 GHz;5.25-5.35 GHz; 5.47-5.725 GHz;5.725-5.85 GHz.
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
KDB 789033 D02 General UNII Test Procedures New Rules v02r01	2017	This document provides guidance for determining emissions compliance of U-NII devices under Part 15, Subpart E of the FCC rules.
KDB 662911 D01 Multiple Transmitter Output v02r01	2013	This document provides guidance for measurement of conducted output emissions of devices or composite systems that employ a transmitter with multiple outputs in the same band or multiple transmitters operating in the same band, with the outputs occupying the same or overlapping frequency ranges.
RSS-Gen Issue 5 Amendment 2	2021	General Requirements for Compliance of Radio Apparatus
RSS-247 Issue 2	2017	Digital Transmission Systems (DTSS), Frequency Hopping Systems (FHSS) and Licence-Exempt Local Area Network (LE-LAN) Devices

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

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

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

3.3 Overview of results

Test Item –FCC CFR Title 47 Part 15.247&RSS-247		
Performed Test Item	standard(s)	Verdict
Emissions in restricted frequency bands	FCC 15.247(b)(3)/RSS-Gen Issue 5 Section 8.9	Pass
Band Edge	FCC 15.247(d)/RSS-Gen Issue 5 Section 8.10	Pass

Test Item –FCC CFR Title 47 Part 15.407&RSS-247		
Performed Test Item	Test Procedure	Verdict
Radiated Emission	FCC CFR Title 47 Part 15 Subpart E: Section 15.209 RSS-Gen Issue 5: Section 8.9 RSS-247 Issue 2: Section 6.2	Pass
Band Edge	FCC CFR Title 47 Part 15 Subpart E: Section 15.205, 15.407(b) RSS-Gen Issue 5: Section 8.10	Pass

Performed Test Item	Remark
Radiated Emission	Test data please refer to Appendix A
Band Edge	Test data please refer to Appendix B

4 TEST ITEMS OF LIMIT/SETUP/PROCEDURE

4.1 Radiated Emission

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	--	--	--

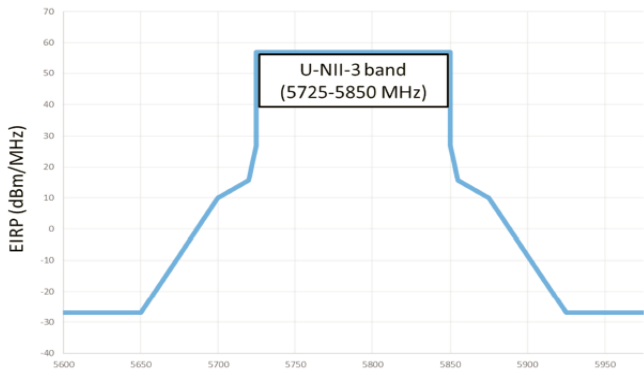
Restricted Band Emissions Limit

Frequency (MHz)	Field strength (μ V/m)	Field strength (dB μ 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).

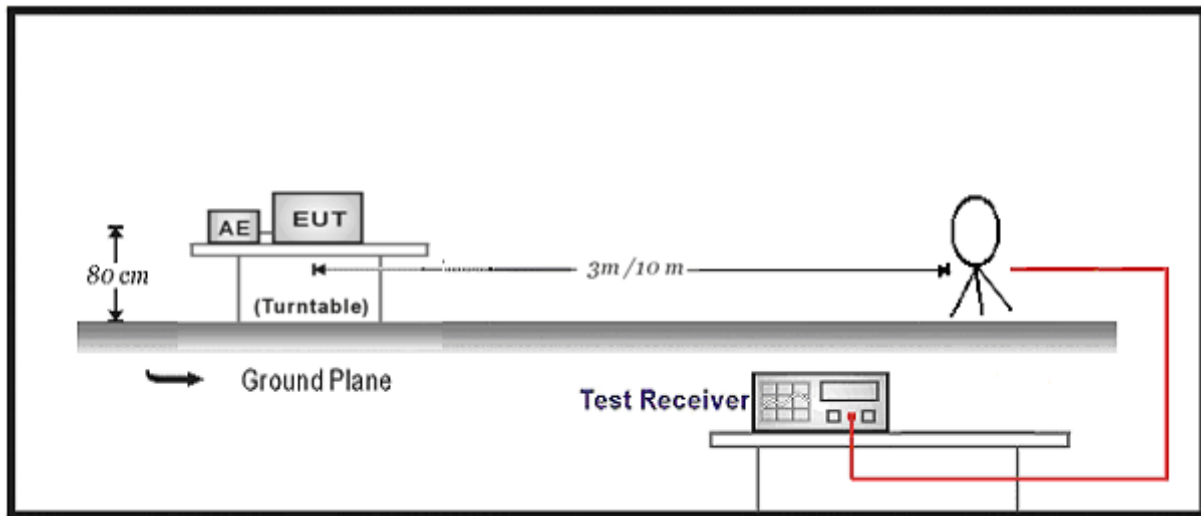
Note 2: At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated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

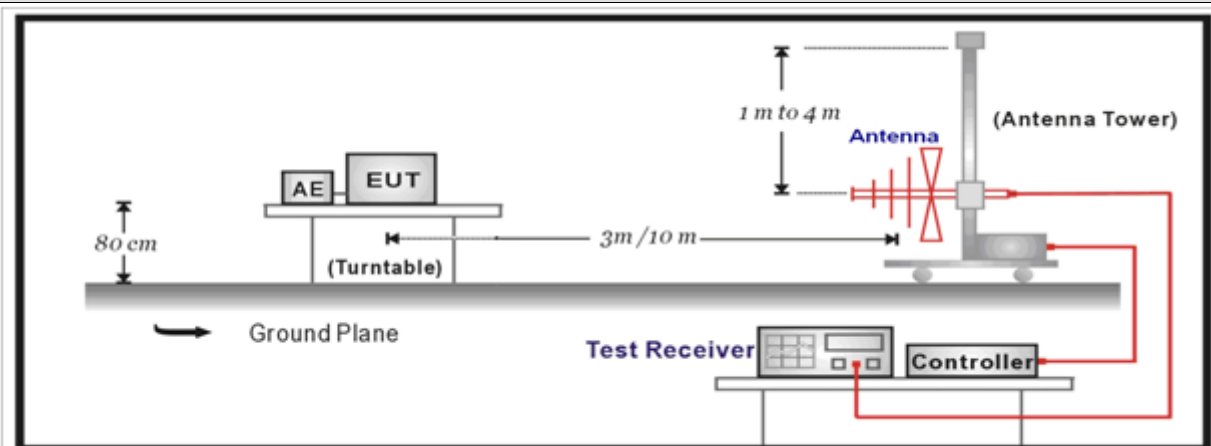
FCC Part 15 Subpart E Paragraph 15.407(5)(b) (Unrestricted Band Emissions Limit)		
Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dB μ V/m)
5150 - 5250	-27	68.3
Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	
5725 - 5850		

4.1.2 Test Setup

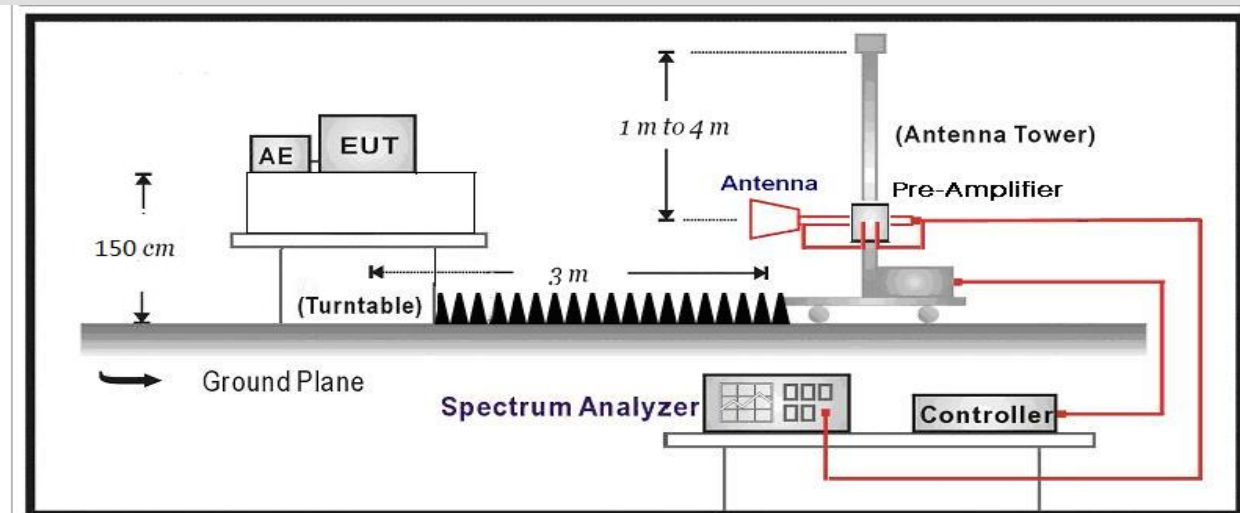
Below 30MHz Test Setup:



30MHz-1GHz Test Setup:



Above 1GHz Test Setup:



4.2 Radiated Emission Band Edge**VERDICT: PASS****4.2.2 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	--	--	--

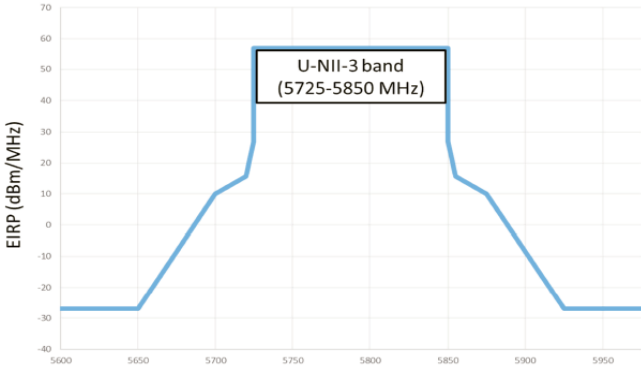
Restricted Band Emissions Limit

Frequency (MHz)	Field strength (μV/m)	Field strength (dBμV/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).

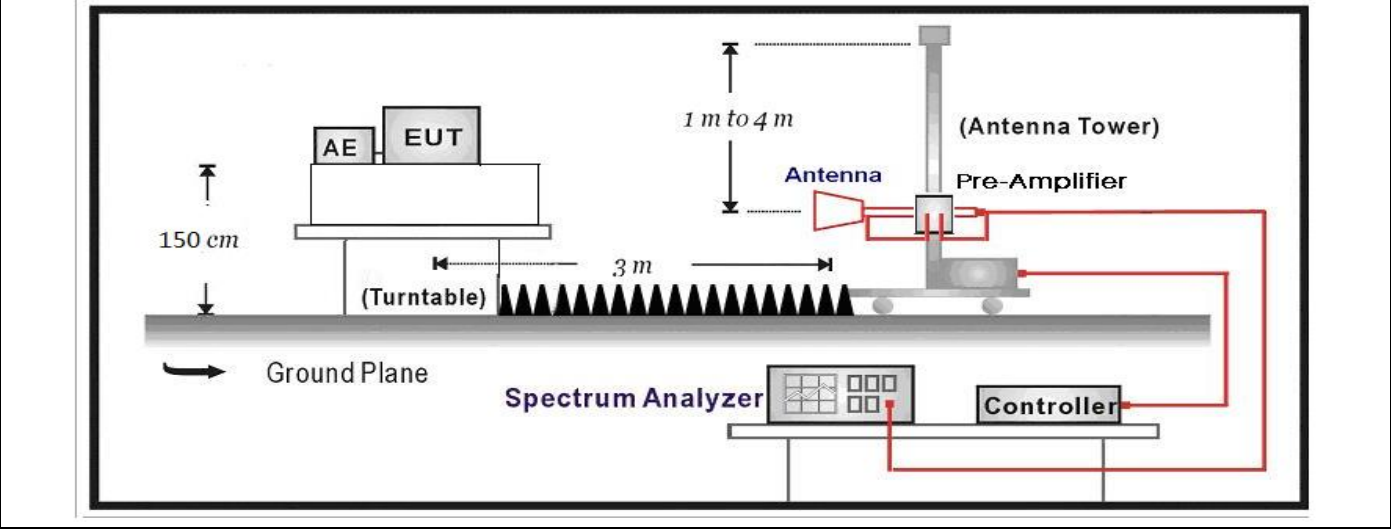
Note 2: At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated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

FCC Part 15 Subpart E Paragraph 15.407(5)(b) (Unrestricted Band Emissions Limit)		
Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dB μ V/m)
5150 - 5250	-27	68.3
Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	
5725 - 5850		

4.2.3 Test Setup

Above 1GHz Test Setup:



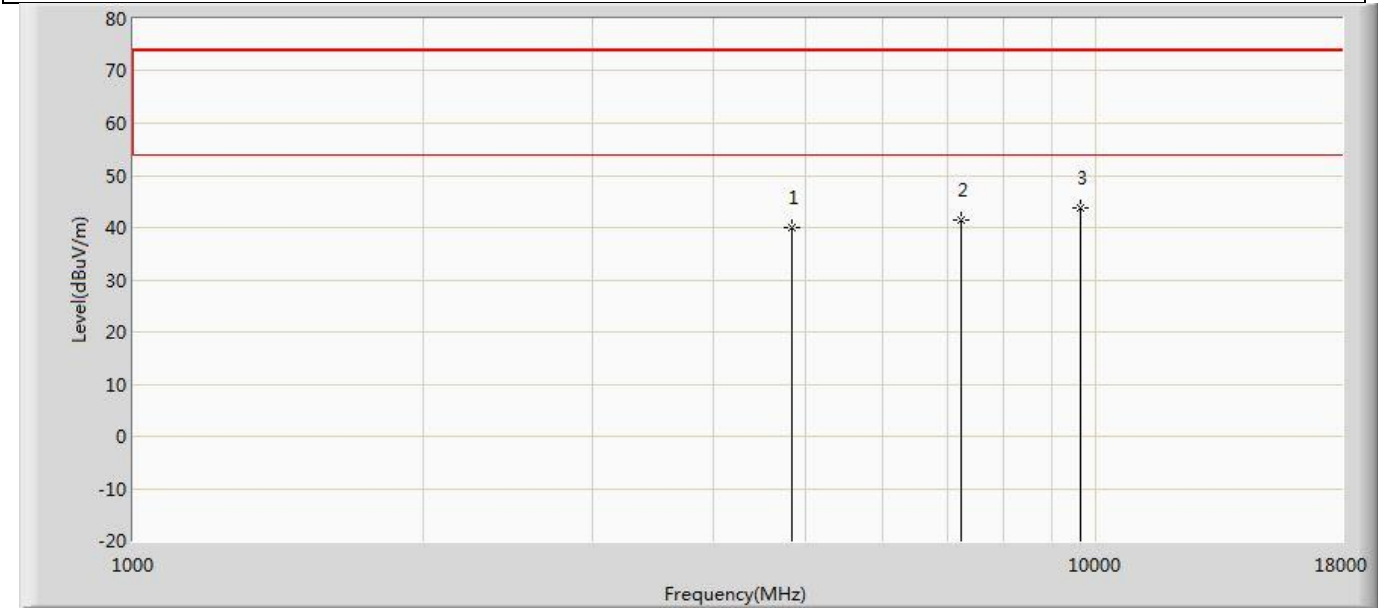
5 TEST SETUP PHOTO AND EUT PHOTO

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



6 TEST RESULT-APPENDIX A: RADIATED EMISSION

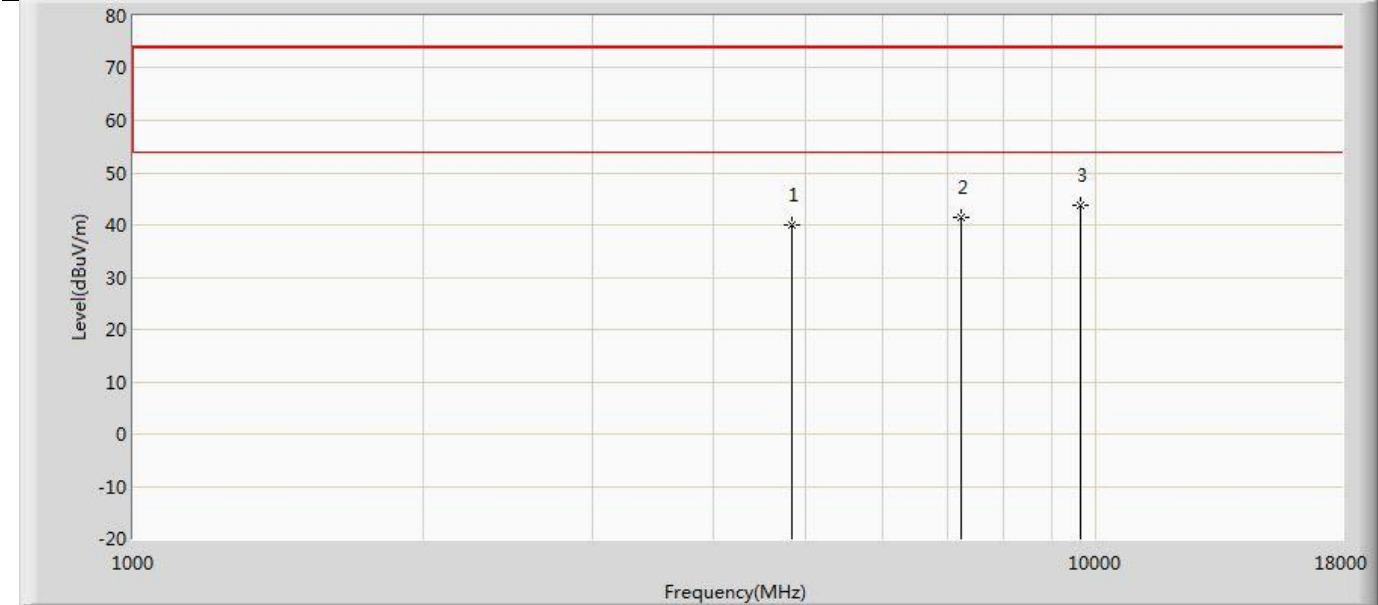
Profile: 22A0147R	Page No.: 19
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 2412MHz by 802.11b	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	39.997	45.708	-34.003	74.000	-5.711	PK
2		7236.000	41.321	44.522	-32.679	74.000	-3.201	PK
3	*	9648.000	43.753	45.660	-30.247	74.000	-1.907	PK



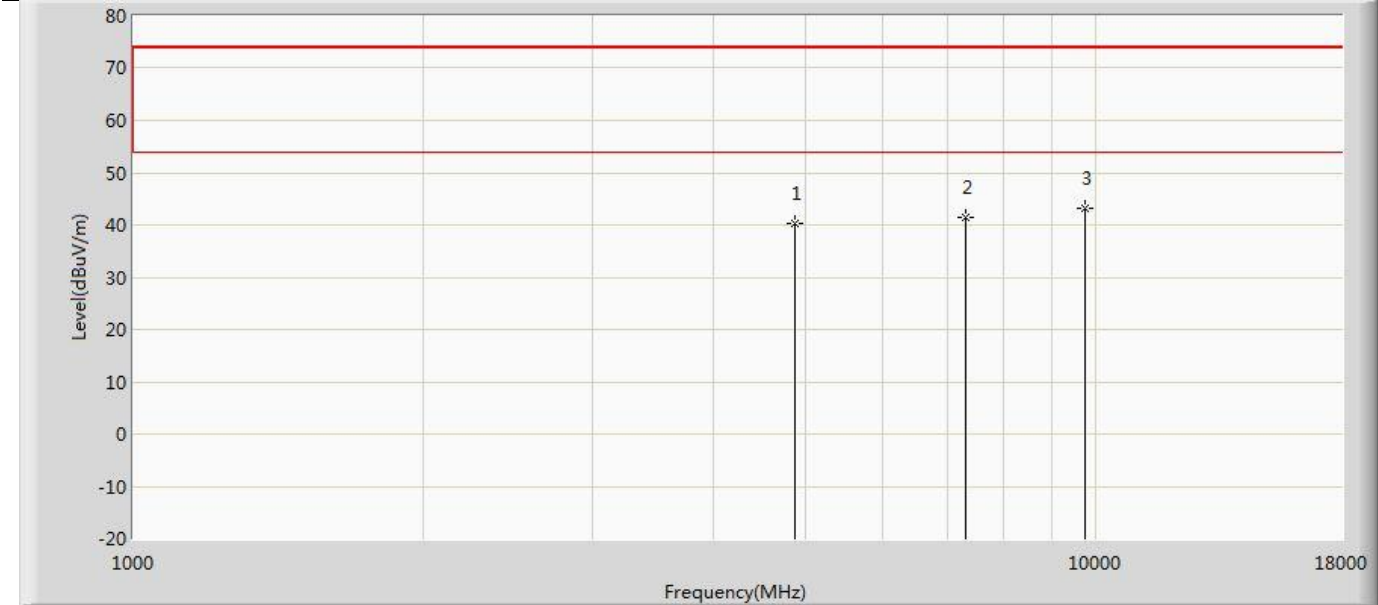
Profile: 22A0147R	Page No.: 20
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 2412MHz by 802.11b	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	39.997	45.708	-34.003	74.000	-5.711	PK
2		7236.000	41.321	44.522	-32.679	74.000	-3.201	PK
3	*	9648.000	43.753	45.660	-30.247	74.000	-1.907	PK



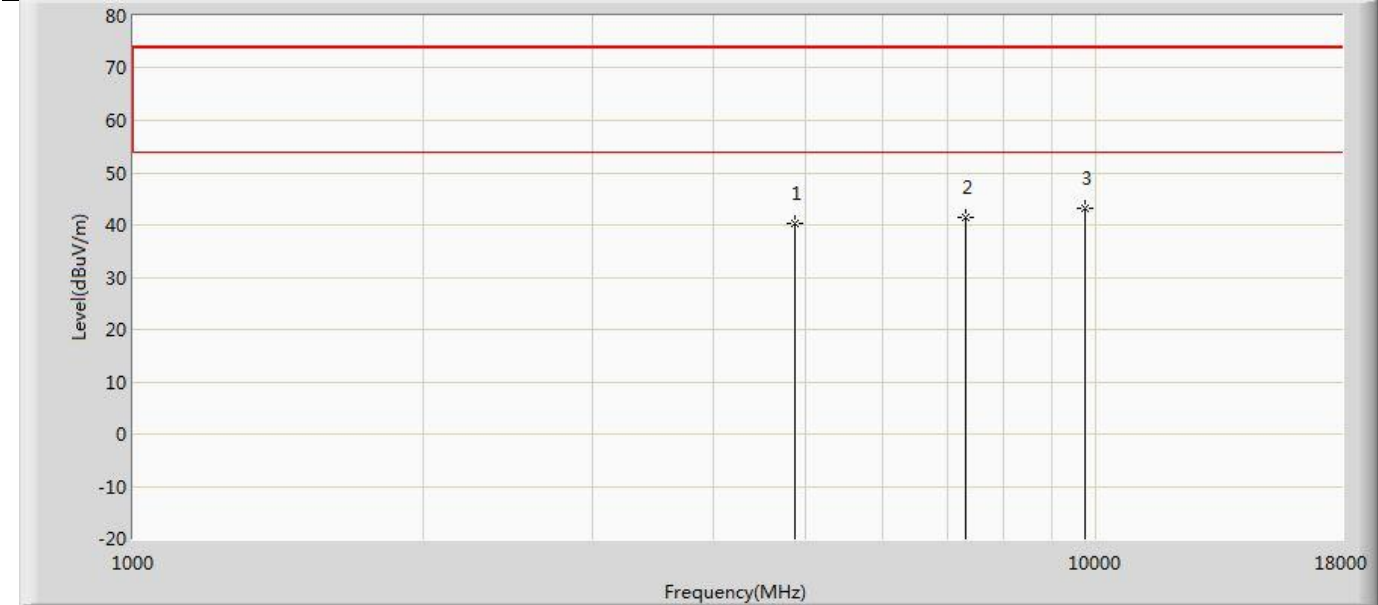
Profile: 22A0147R	Page No.: 21
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 2437MHz by 802.11b	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	40.258	46.030	-33.742	74.000	-5.771	PK
2		7311.000	41.468	44.795	-32.532	74.000	-3.328	PK
3	*	9748.000	43.082	44.854	-30.918	74.000	-1.771	PK



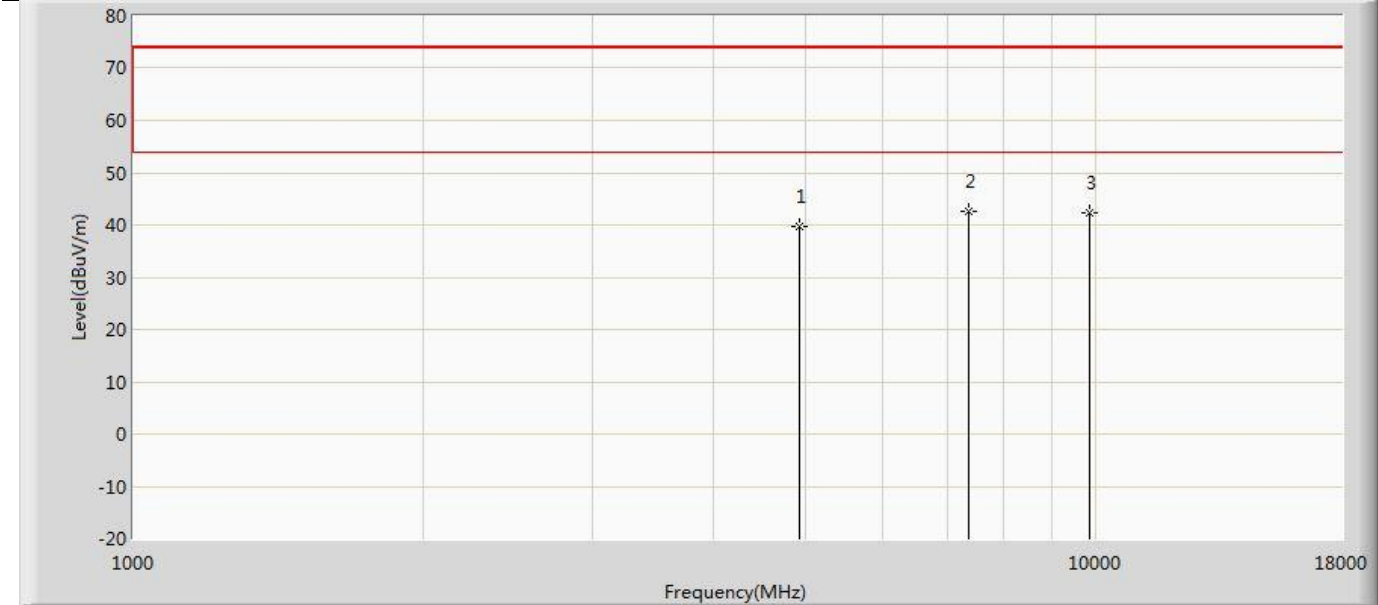
Profile: 22A0147R	Page No.: 22
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 2437MHz by 802.11b	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	40.258	46.030	-33.742	74.000	-5.771	PK
2		7311.000	41.468	44.795	-32.532	74.000	-3.328	PK
3	*	9748.000	43.082	44.854	-30.918	74.000	-1.771	PK

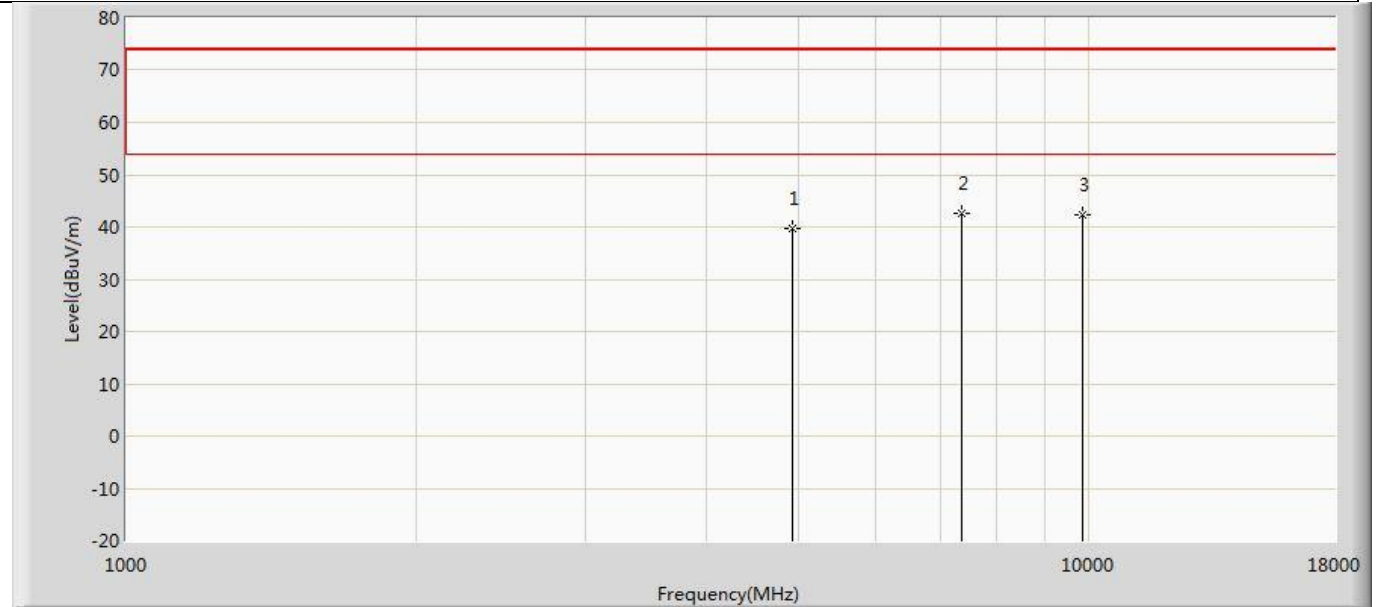


Profile: 22A0147R	Page No.: 23
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 2462MHz by 802.11b	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	39.586	45.365	-34.414	74.000	-5.780	PK
2	*	7386.000	42.717	45.891	-31.283	74.000	-3.174	PK
3		9848.000	42.237	44.215	-31.763	74.000	-1.978	PK

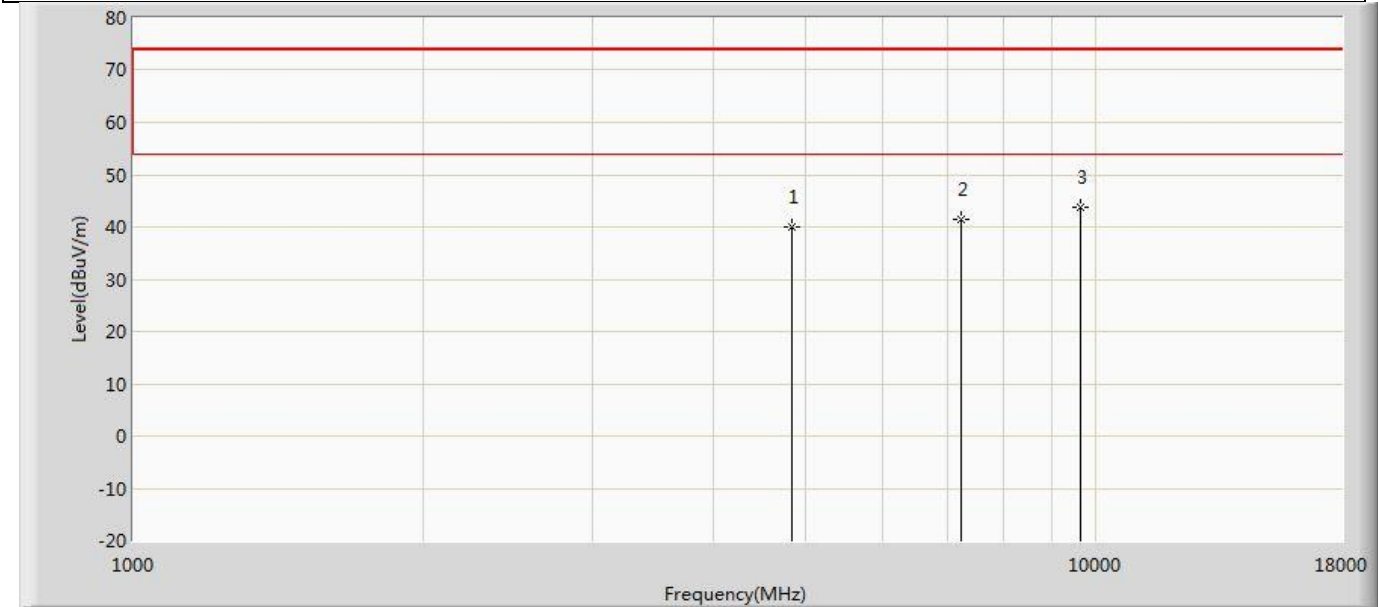
Profile: 22A0147R	Page No.: 24
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 2462MHz by 802.11b	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	39.586	45.365	-34.414	74.000	-5.780	PK
2	*	7386.000	42.717	45.891	-31.283	74.000	-3.174	PK
3		9848.000	42.237	44.215	-31.763	74.000	-1.978	PK



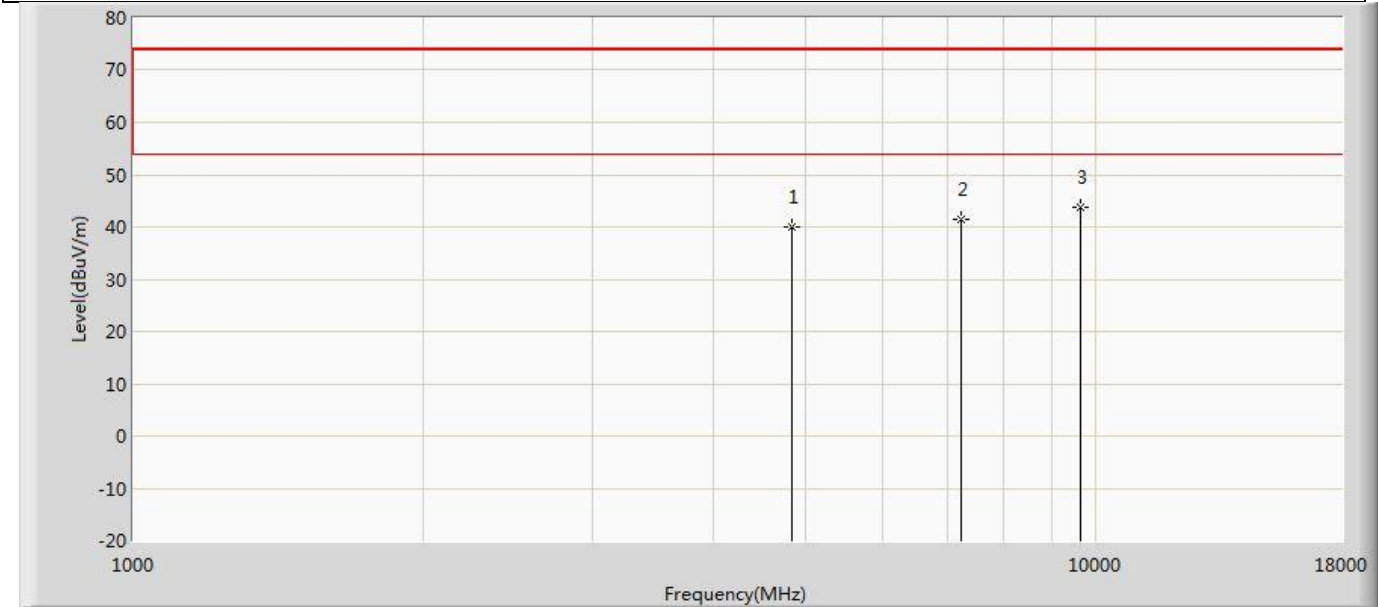
Profile: 22A0147R	Page No.: 25
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 2412MHz by 802.11g	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	39.997	45.708	-34.003	74.000	-5.711	PK
2		7236.000	41.321	44.522	-32.679	74.000	-3.201	PK
3	*	9648.000	43.753	45.660	-30.247	74.000	-1.907	PK

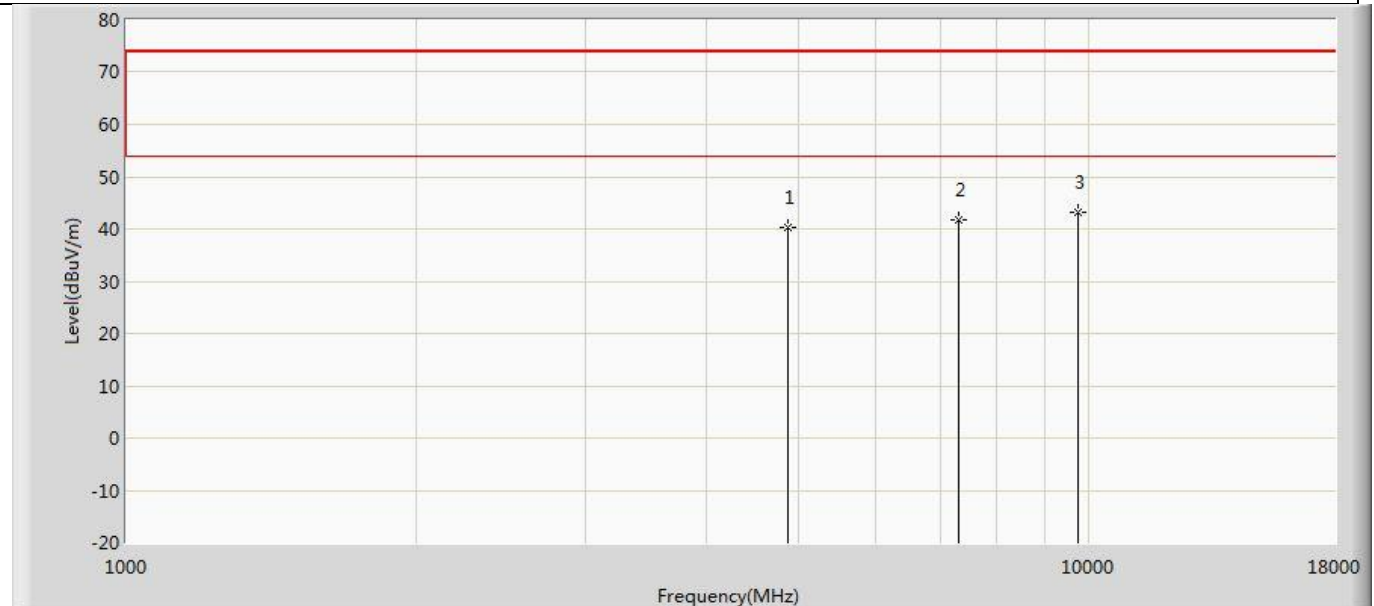


Profile: 22A0147R	Page No.: 26
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 2412MHz by 802.11g	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	39.997	45.708	-34.003	74.000	-5.711	PK
2		7236.000	41.321	44.522	-32.679	74.000	-3.201	PK
3	*	9648.000	43.753	45.660	-30.247	74.000	-1.907	PK

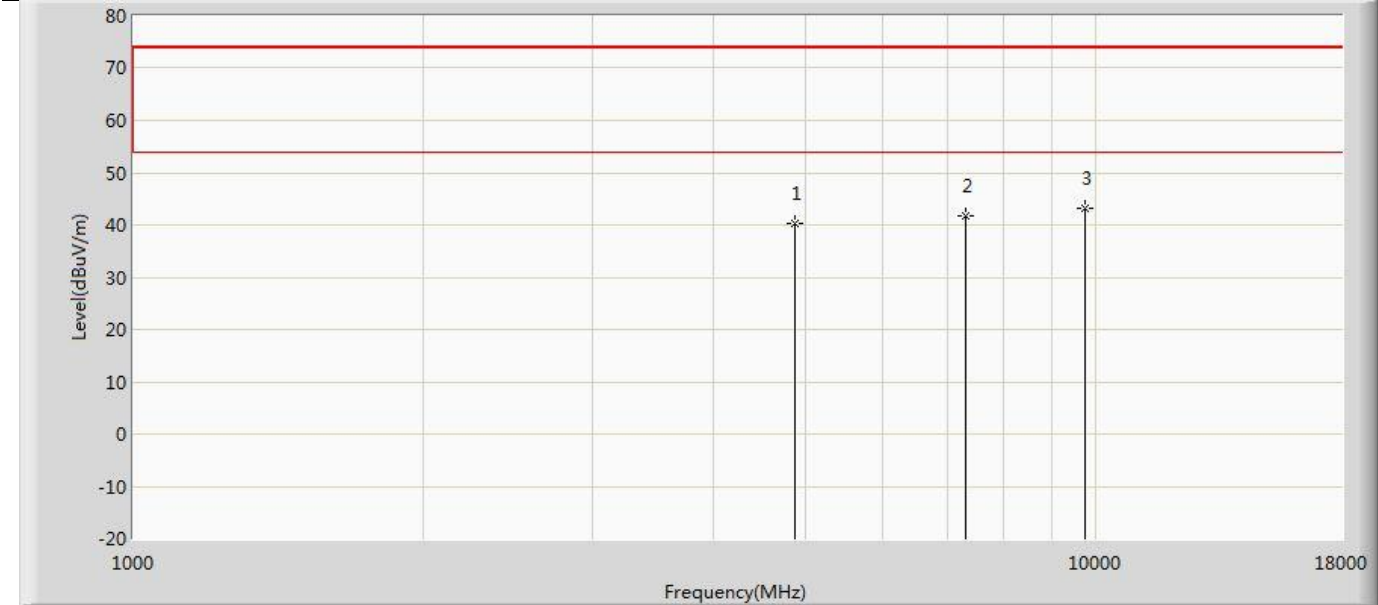
Profile: 22A0147R	Page No.: 27
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 2437MHz by 802.11g	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	40.258	46.030	-33.742	74.000	-5.771	PK
2		7311.000	41.883	45.210	-32.117	74.000	-3.328	PK
3	*	9748.000	43.082	44.854	-30.918	74.000	-1.771	PK



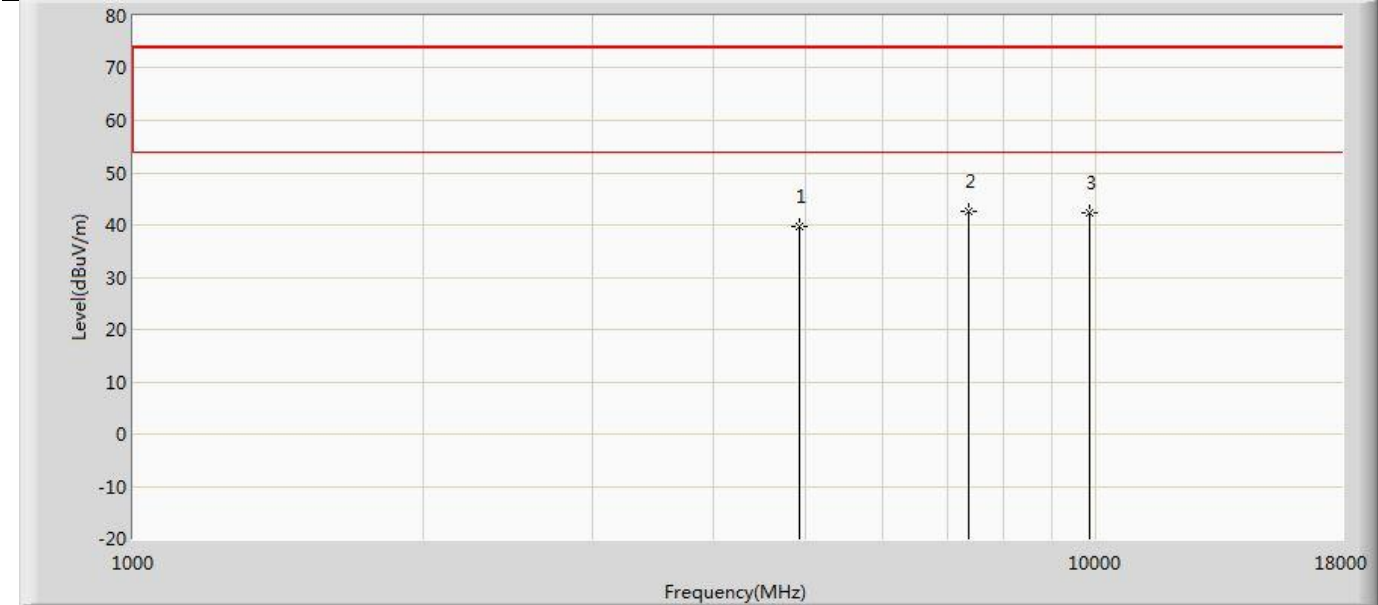
Profile: 22A0147R	Page No.: 28
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 2437MHz by 802.11g	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	40.258	46.030	-33.742	74.000	-5.771	PK
2		7311.000	41.883	45.210	-32.117	74.000	-3.328	PK
3	*	9748.000	43.082	44.854	-30.918	74.000	-1.771	PK



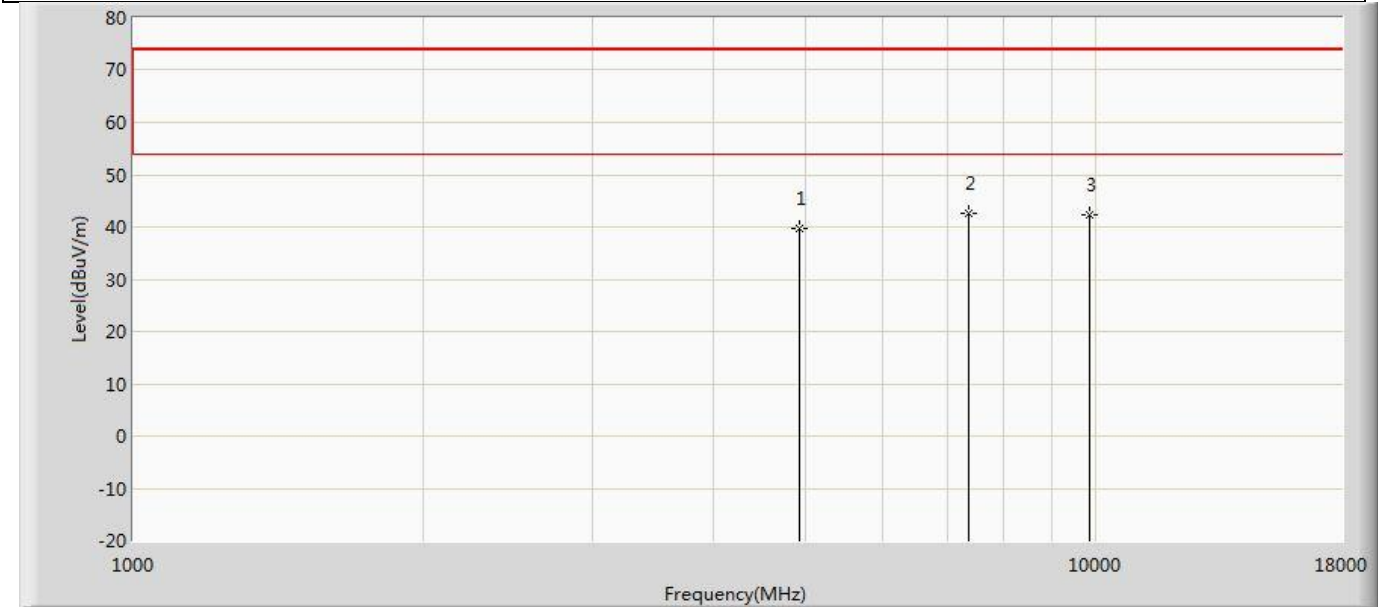
Profile: 22A0147R	Page No.: 29
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 2462MHz by 802.11g	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	39.672	45.451	-34.328	74.000	-5.780	PK
2	*	7386.000	42.717	45.891	-31.283	74.000	-3.174	PK
3		9848.000	42.237	44.215	-31.763	74.000	-1.978	PK



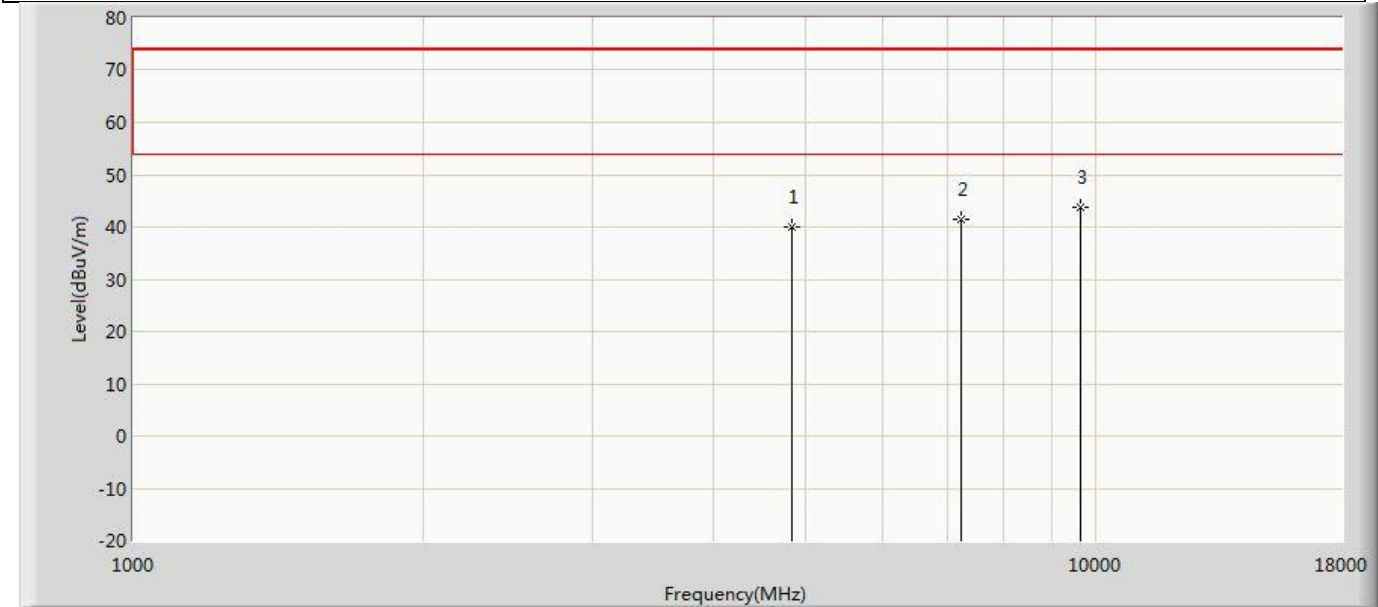
Profile: 22A0147R	Page No.: 30
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 2462MHz by 802.11g	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	39.672	45.451	-34.328	74.000	-5.780	PK
2	*	7386.000	42.717	45.891	-31.283	74.000	-3.174	PK
3		9848.000	42.237	44.215	-31.763	74.000	-1.978	PK



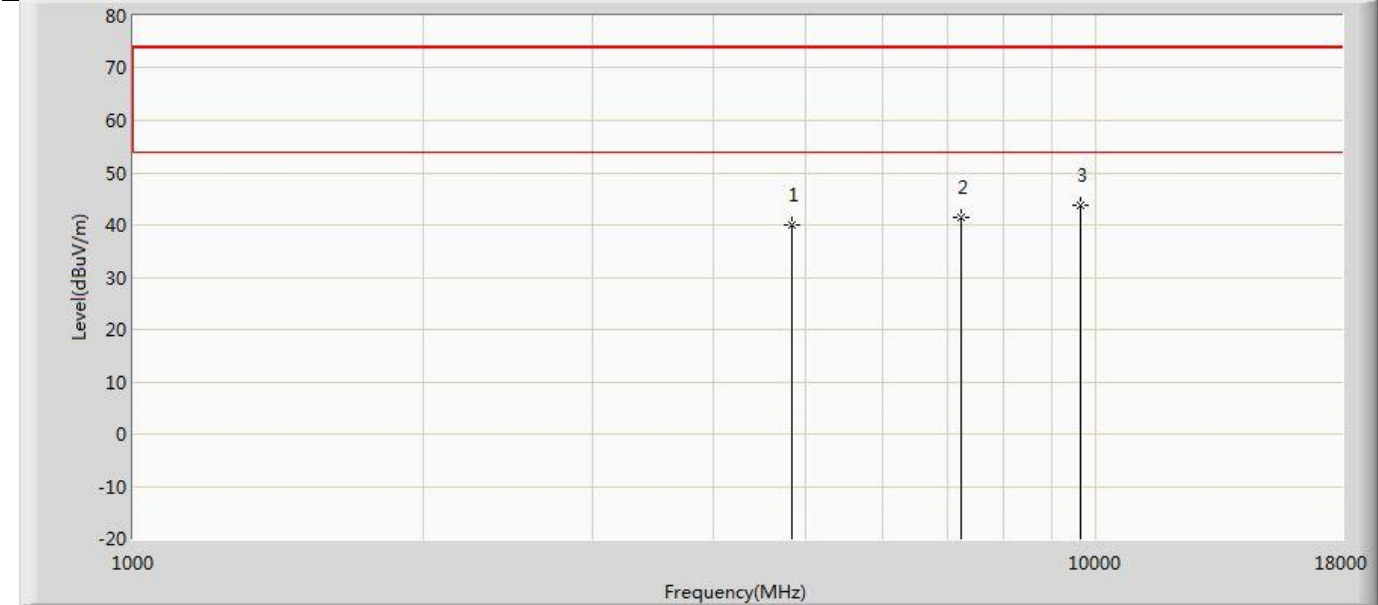
Profile: 22A0147R	Page No.: 31
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 2412MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	40.007	45.718	-33.993	74.000	-5.711	PK
2		7236.000	41.321	44.522	-32.679	74.000	-3.201	PK
3	*	9648.000	43.753	45.660	-30.247	74.000	-1.907	PK



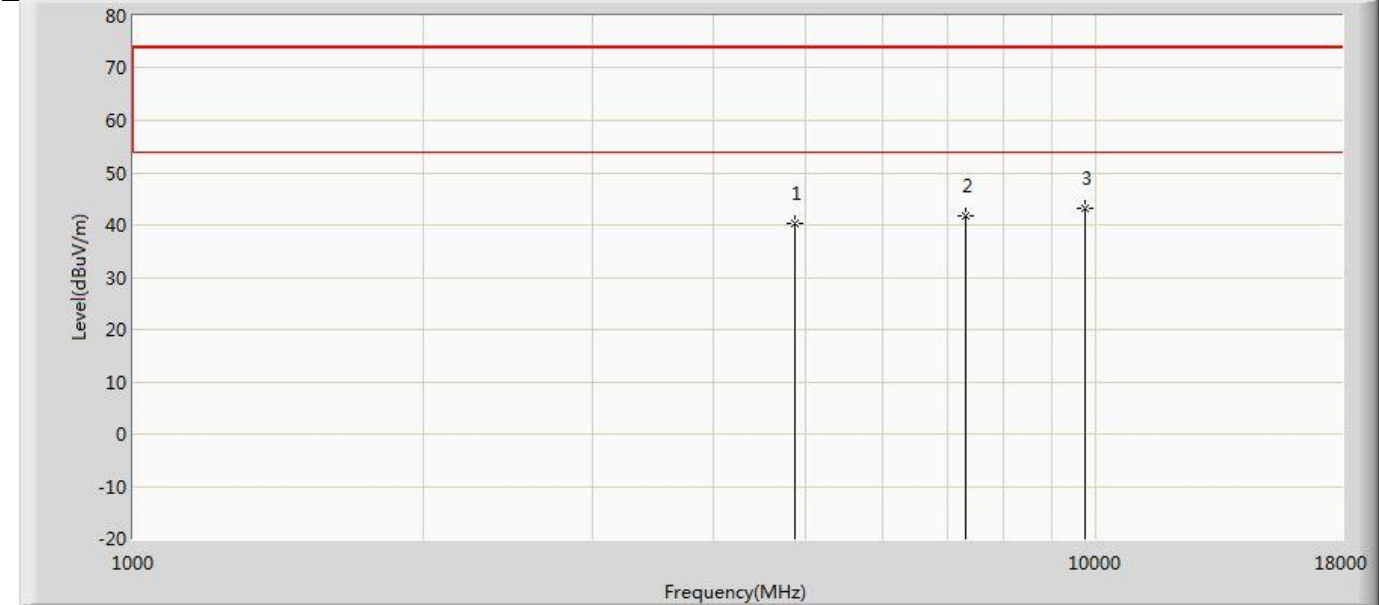
Profile: 22A0147R	Page No.: 32
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 2412MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	40.007	45.718	-33.993	74.000	-5.711	PK
2		7236.000	41.321	44.522	-32.679	74.000	-3.201	PK
3	*	9648.000	43.753	45.660	-30.247	74.000	-1.907	PK



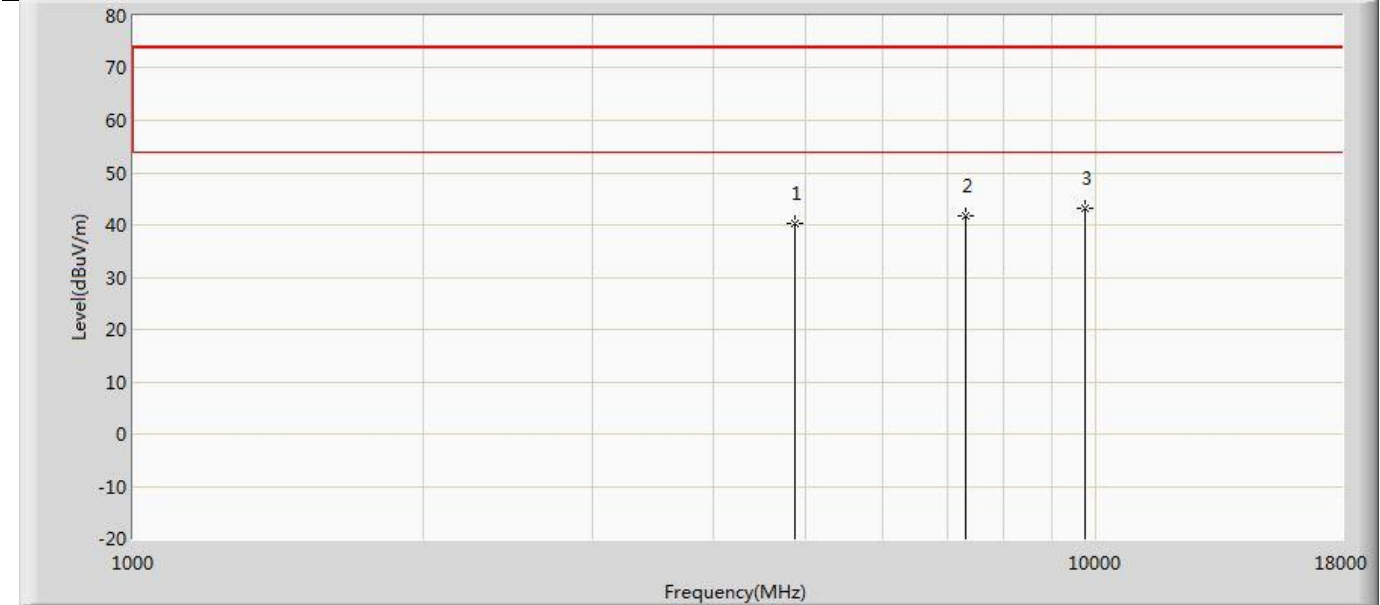
Profile: 22A0147R	Page No.: 33
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 2437MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	40.258	46.030	-33.742	74.000	-5.771	PK
2		7311.000	41.883	45.210	-32.117	74.000	-3.328	PK
3	*	9748.000	43.082	44.854	-30.918	74.000	-1.771	PK



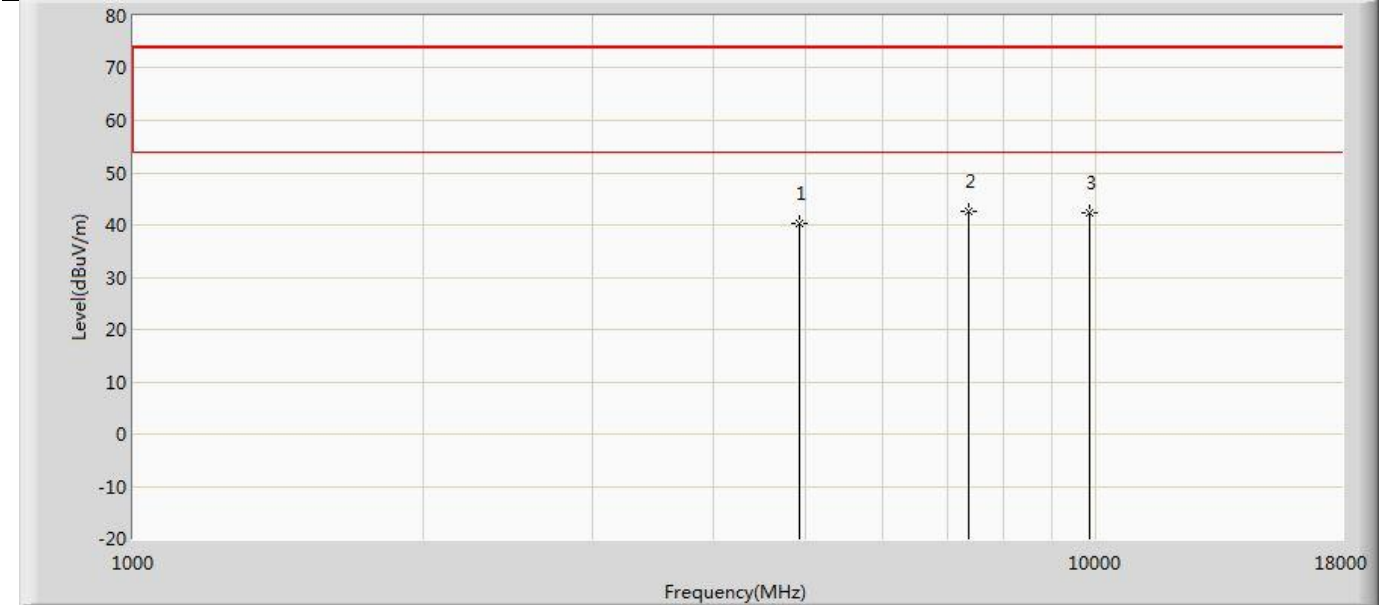
Profile: 22A0147R	Page No.: 34
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 2437MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	40.285	46.057	-33.715	74.000	-5.771	PK
2		7311.000	41.883	45.210	-32.117	74.000	-3.328	PK
3	*	9748.000	43.082	44.854	-30.918	74.000	-1.771	PK



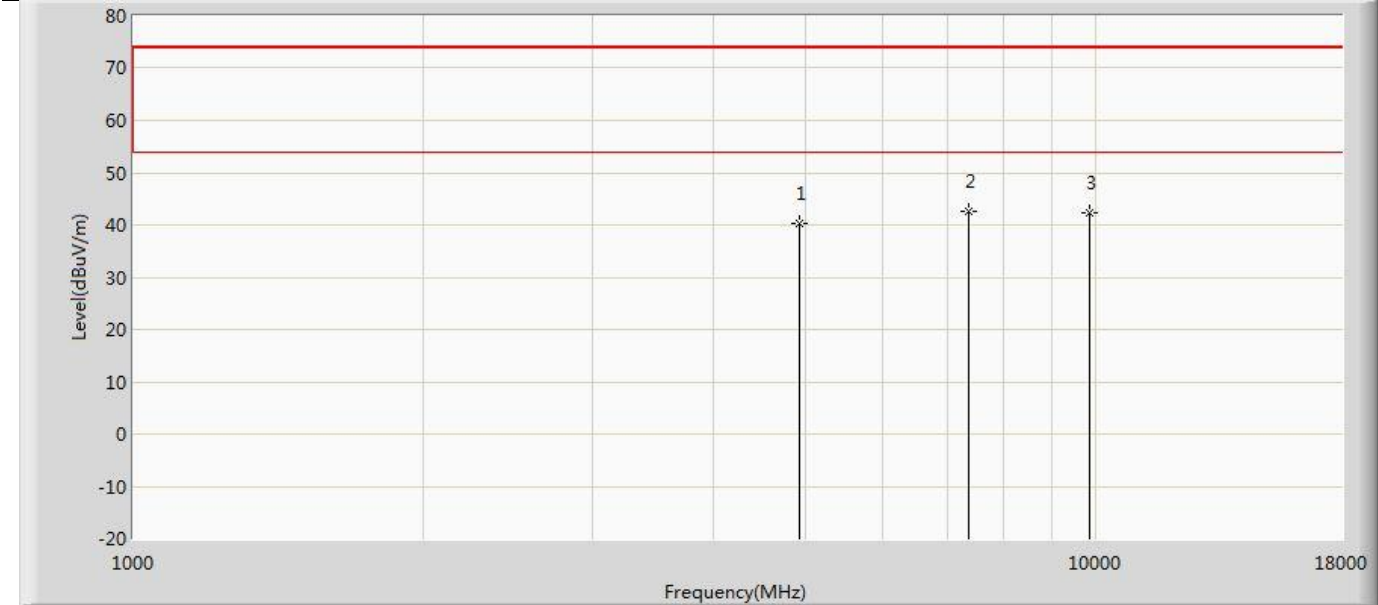
Profile: 22A0147R	Page No.: 35
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 2462MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	40.376	46.155	-33.624	74.000	-5.780	PK
2	*	7386.000	42.717	45.891	-31.283	74.000	-3.174	PK
3		9848.000	42.237	44.215	-31.763	74.000	-1.978	PK



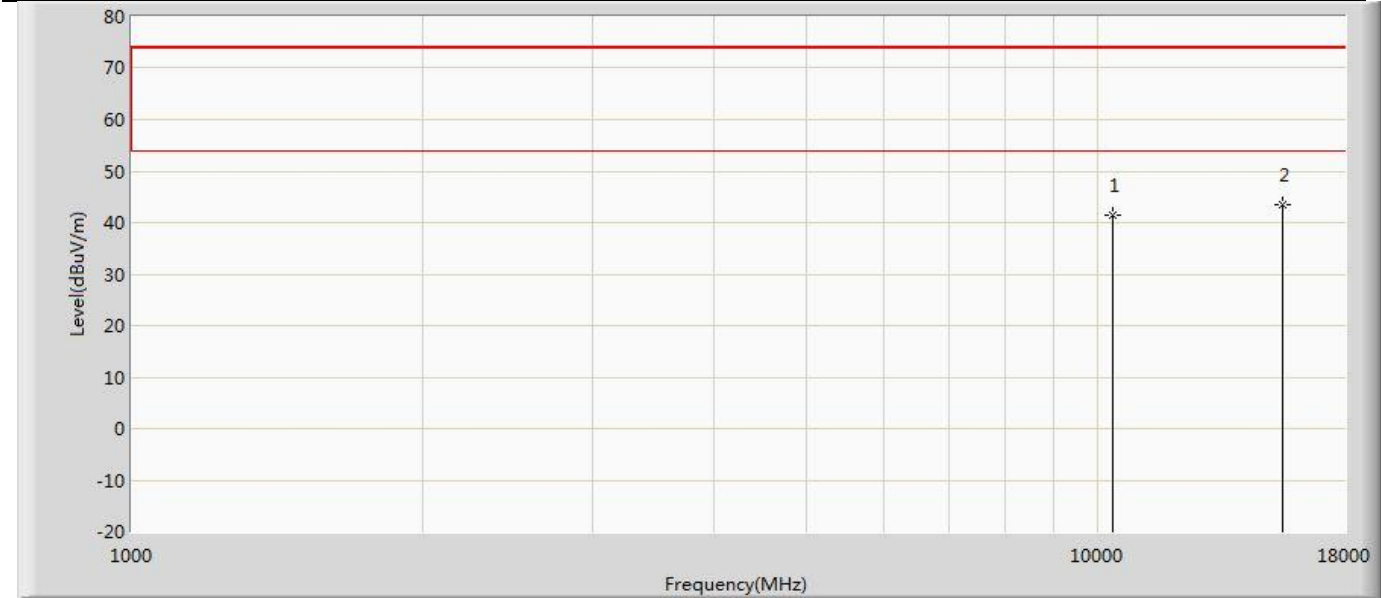
Profile: 22A0147R	Page No.: 36
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 2462MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	40.376	46.155	-33.624	74.000	-5.780	PK
2	*	7386.000	42.717	45.891	-31.283	74.000	-3.174	PK
3		9848.000	42.237	44.215	-31.763	74.000	-1.978	PK



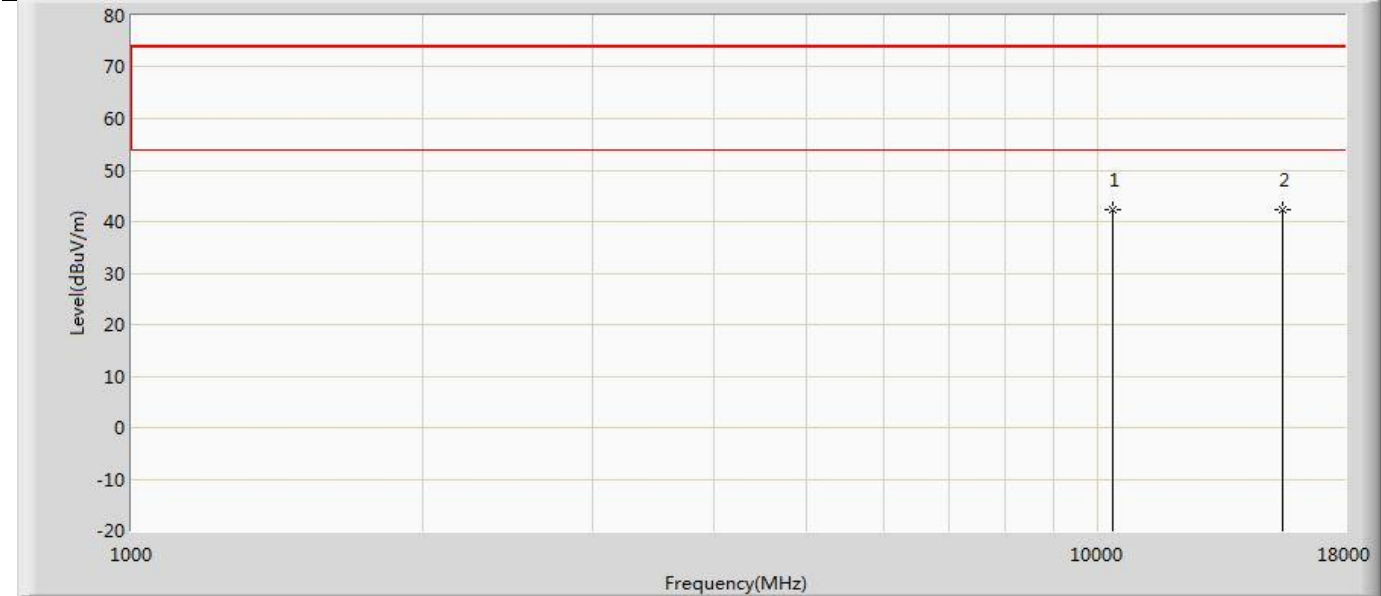
Profile: 22A0147R	Page No.: 57
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5180MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	41.484	42.149	-32.516	74.000	-0.665	PK
2	*	15540.000	43.386	41.815	-30.614	74.000	1.571	PK



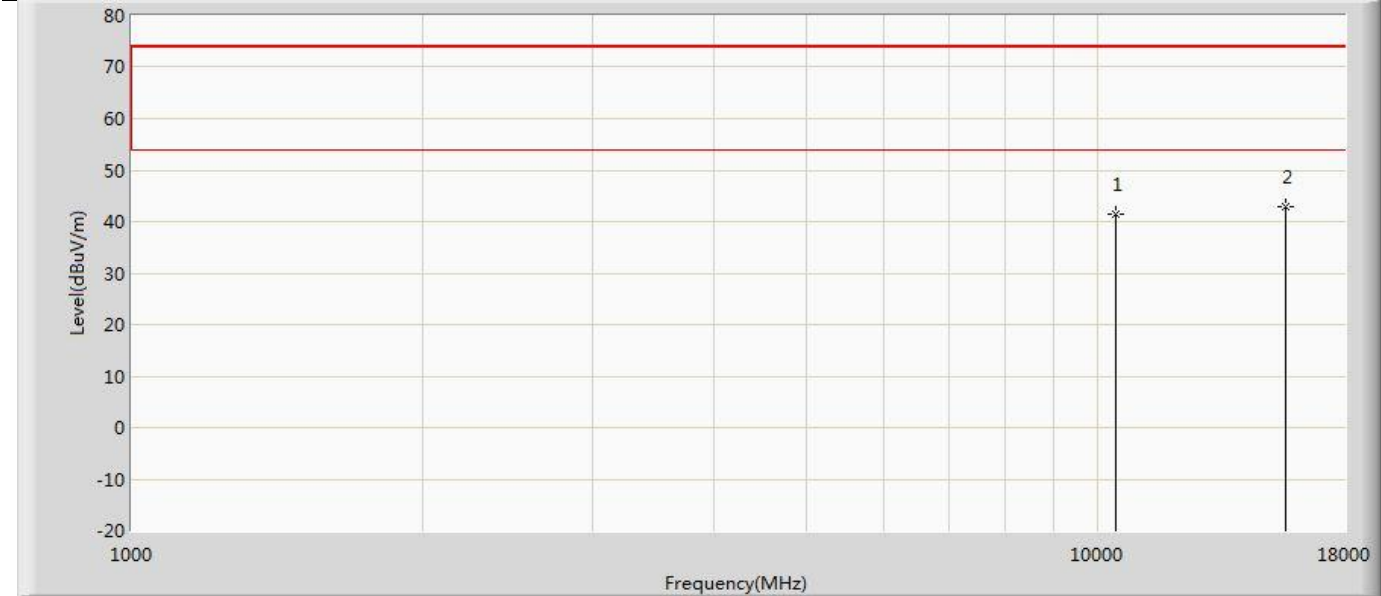
Profile: 22A0147R	Page No.: 58
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5180MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	42.248	42.913	-31.752	74.000	-0.665	PK
2	*	15540.000	42.365	40.794	-31.635	74.000	1.571	PK



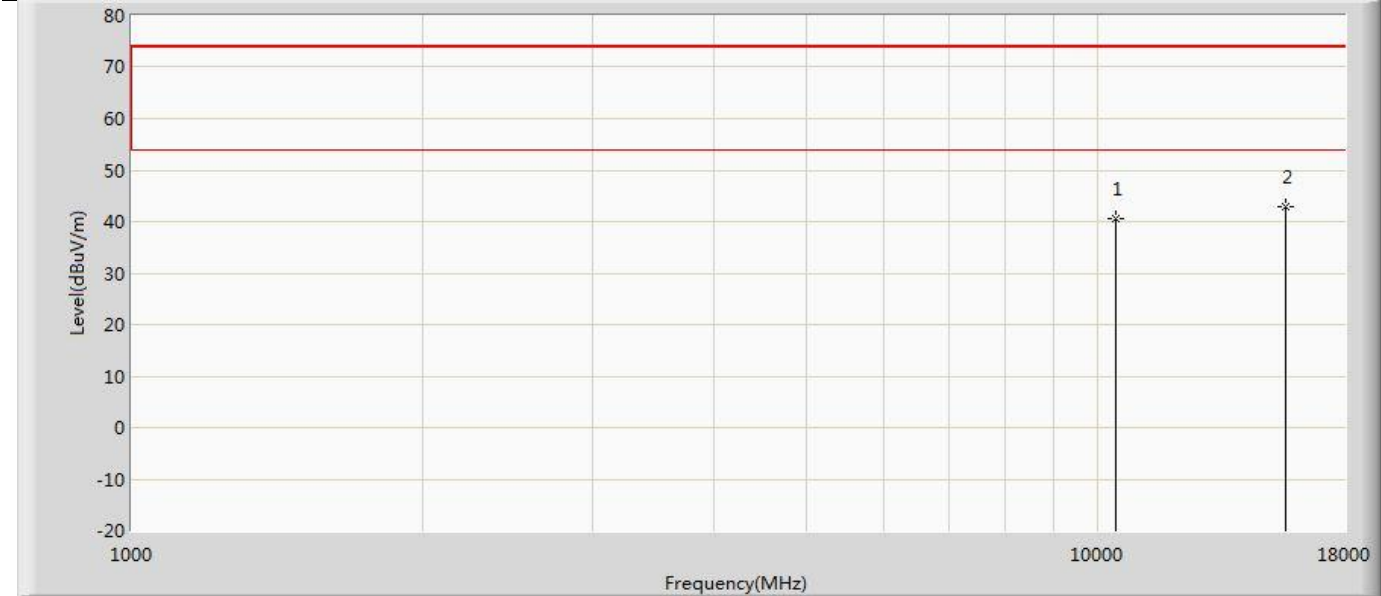
Profile: 22A0147R	Page No.: 59
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5220MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	41.486	42.262	-32.514	74.000	-0.776	PK
2	*	15660.000	43.018	41.190	-30.982	74.000	1.828	PK



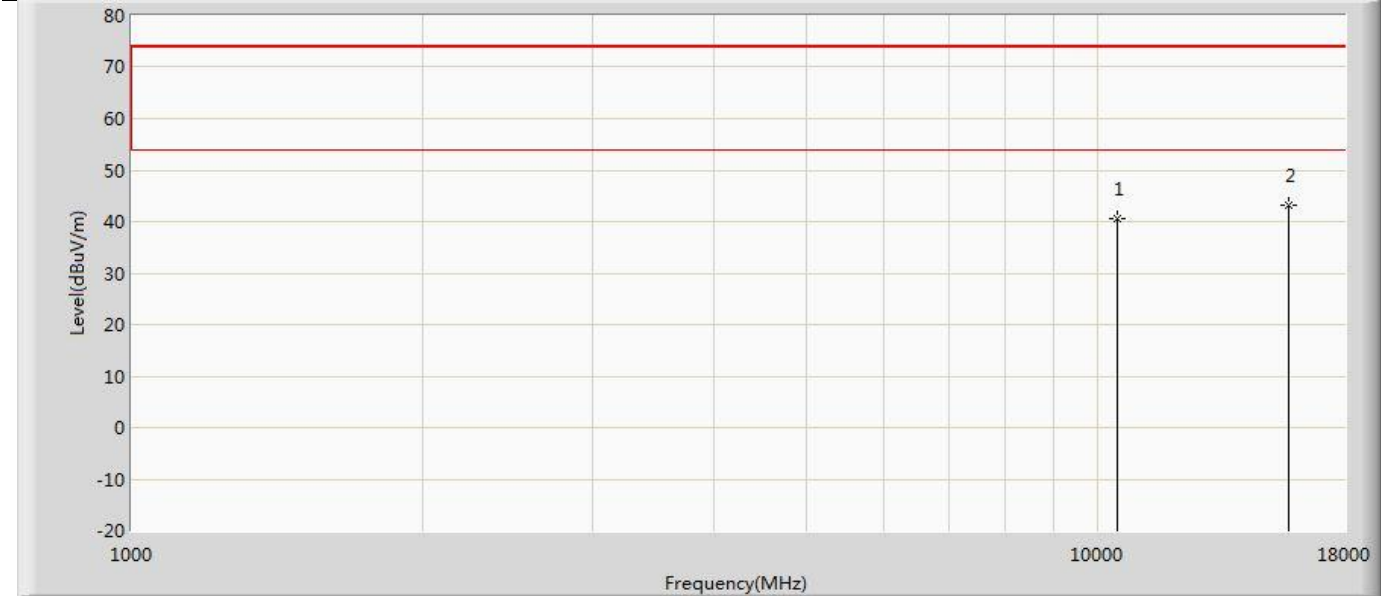
Profile: 22A0147R	Page No.: 60
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5220MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	40.580	41.356	-33.420	74.000	-0.776	PK
2	*	15660.000	43.002	41.174	-30.998	74.000	1.828	PK



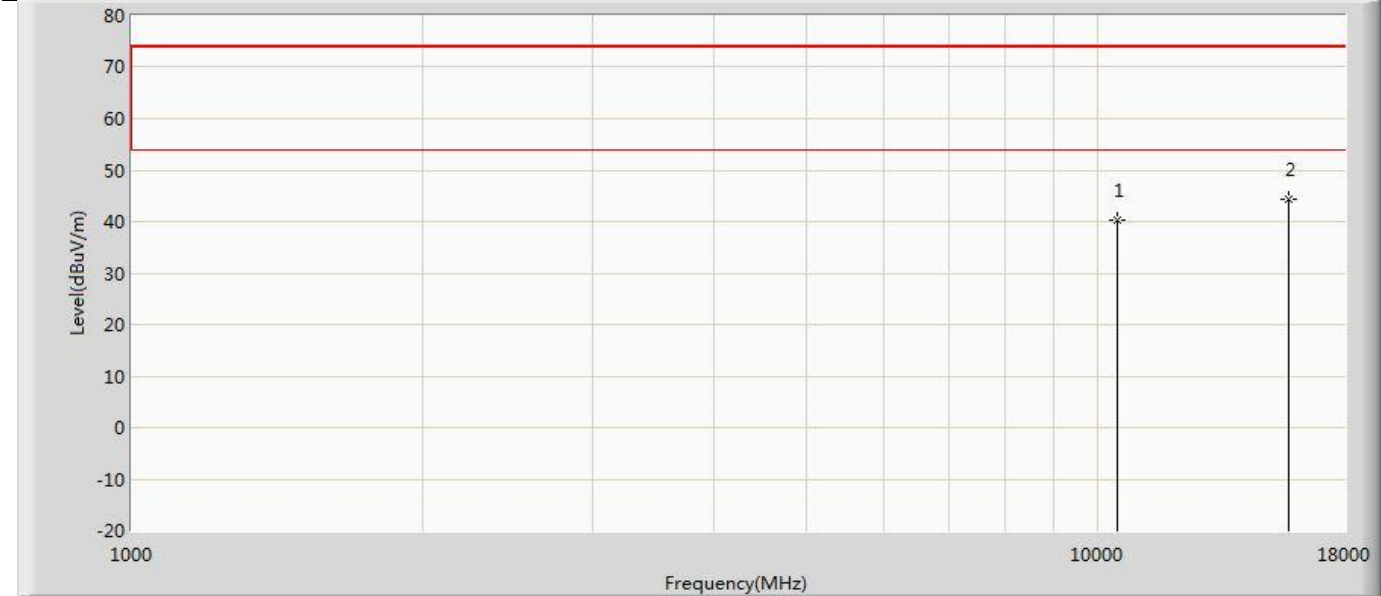
Profile: 22A0147R	Page No.: 61
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5240MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	40.538	41.294	-33.462	74.000	-0.757	PK
2	*	15720.000	43.155	41.032	-30.845	74.000	2.122	PK



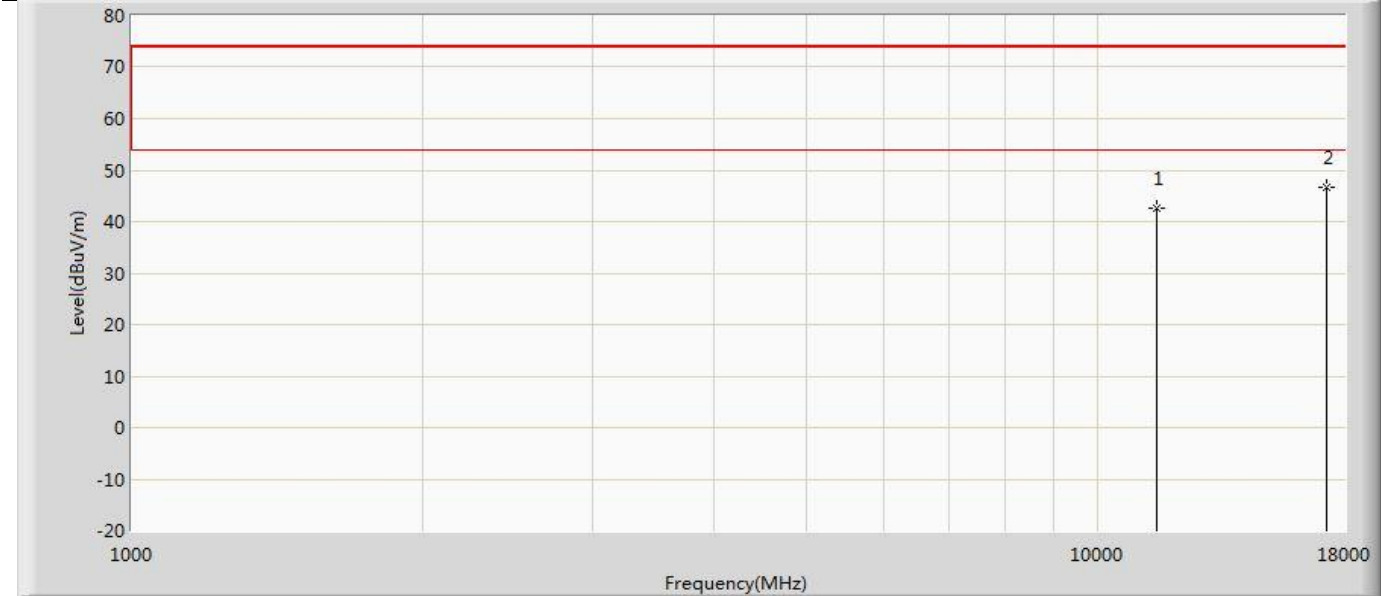
Profile: 22A0147R	Page No.: 62
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5240MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	40.258	41.014	-33.742	74.000	-0.757	PK
2	*	15720.000	44.221	42.098	-29.779	74.000	2.122	PK



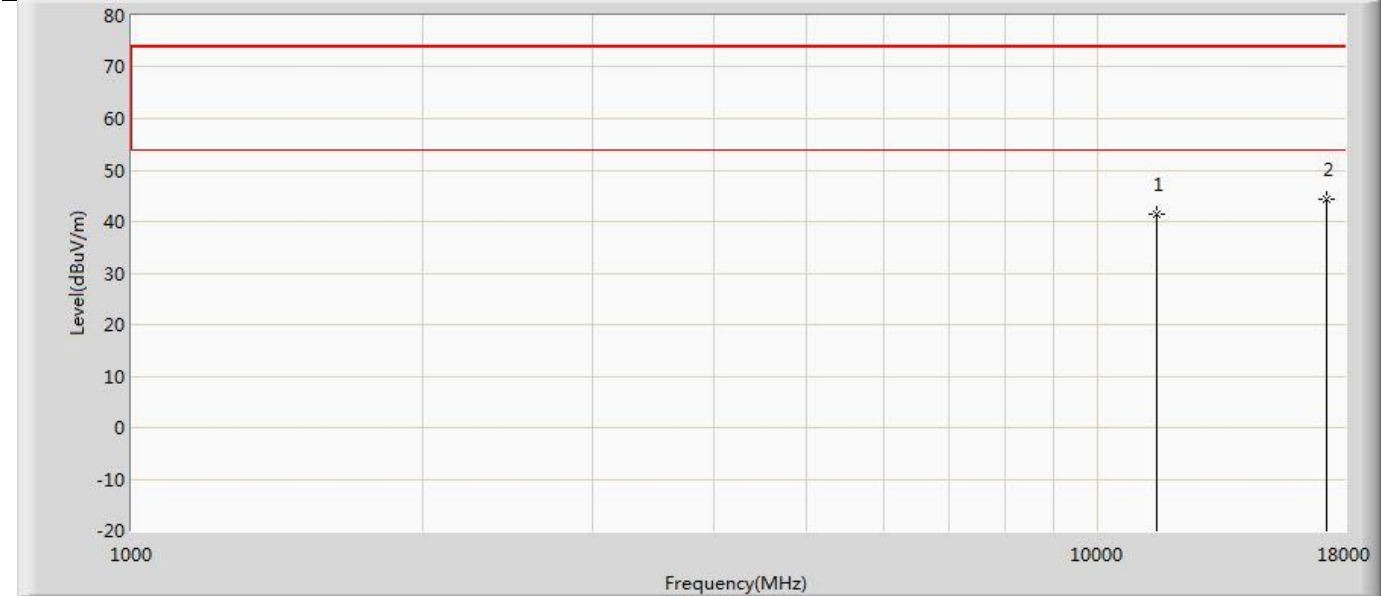
Profile: 22A0147R	Page No.: 63
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5745MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	42.601	42.490	-31.399	74.000	0.111	PK
2	*	17235.000	46.773	42.149	-27.227	74.000	4.624	PK



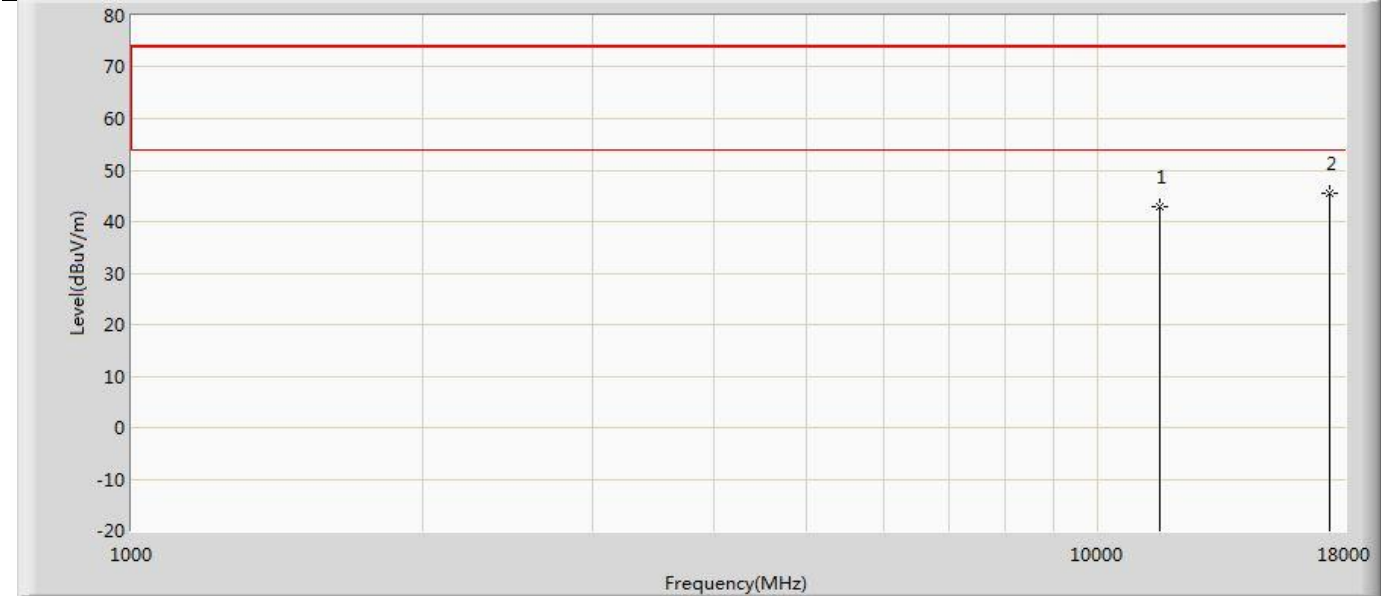
Profile: 22A0147R	Page No.: 64
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5745MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	41.309	41.198	-32.691	74.000	0.111	PK
2	*	17235.000	44.290	39.666	-29.710	74.000	4.624	PK



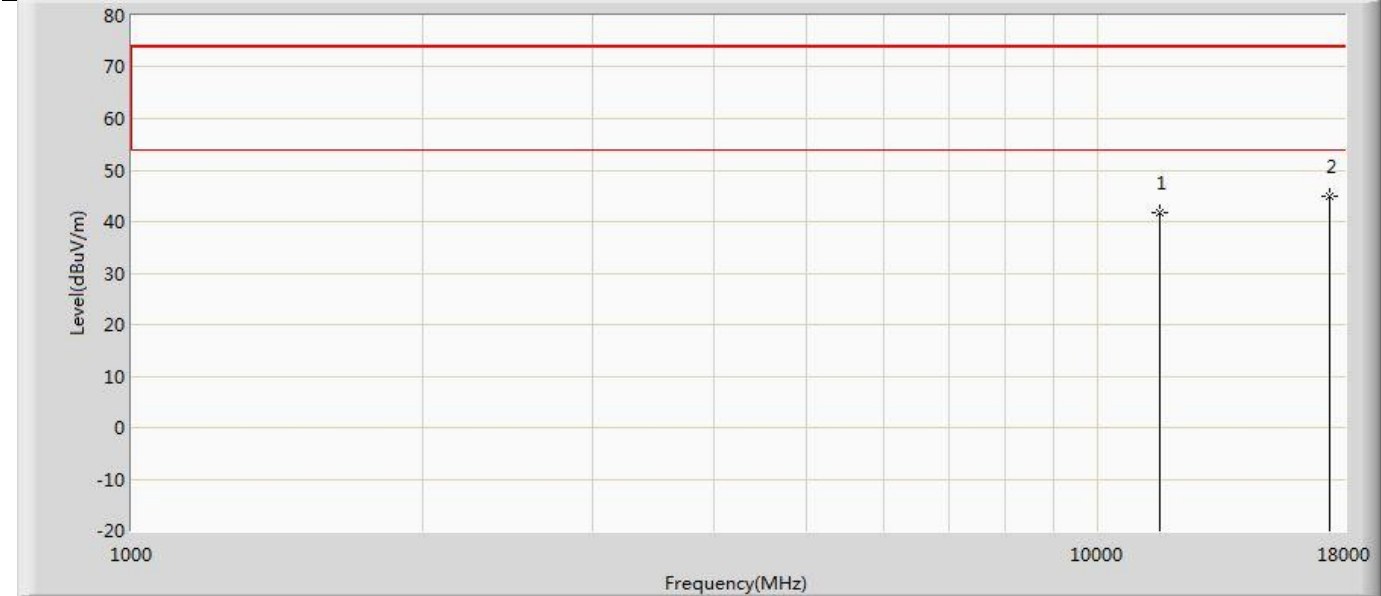
Profile: 22A0147R	Page No.: 65
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5785MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	42.834	42.254	-31.166	74.000	0.580	PK
2	*	17355.000	45.502	40.312	-28.498	74.000	5.190	PK



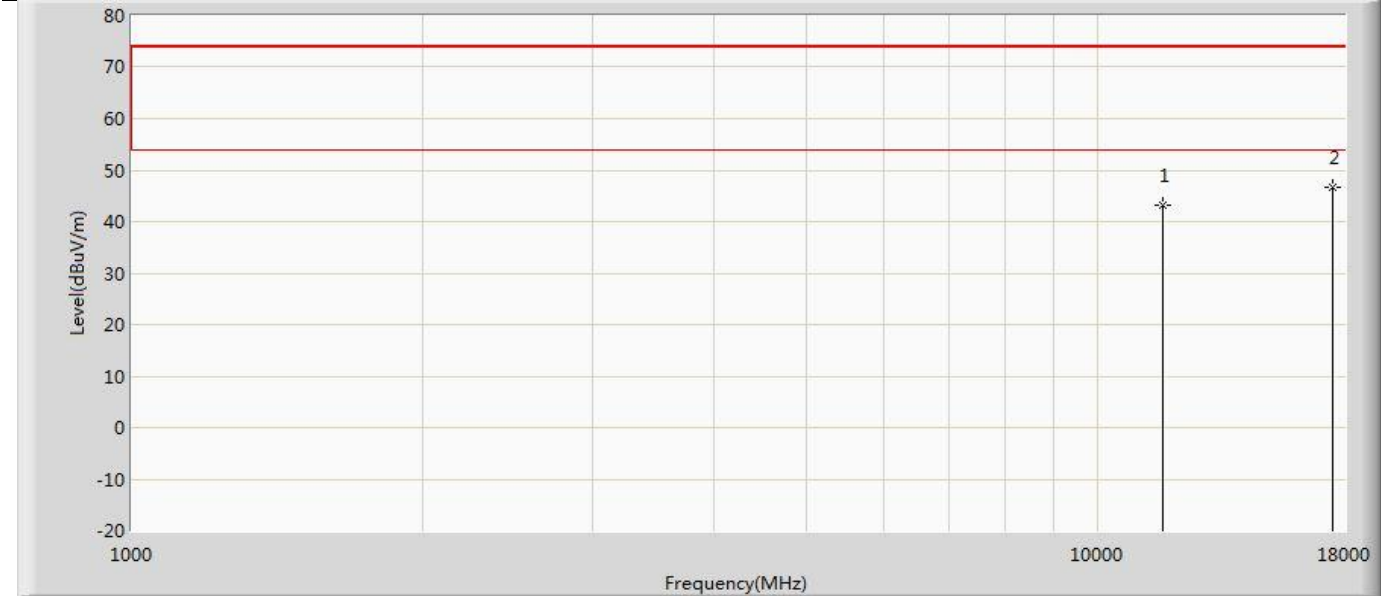
Profile: 22A0147R	Page No.: 66
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5785MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	41.860	41.280	-32.140	74.000	0.580	PK
2	*	17355.000	45.021	39.831	-28.979	74.000	5.190	PK



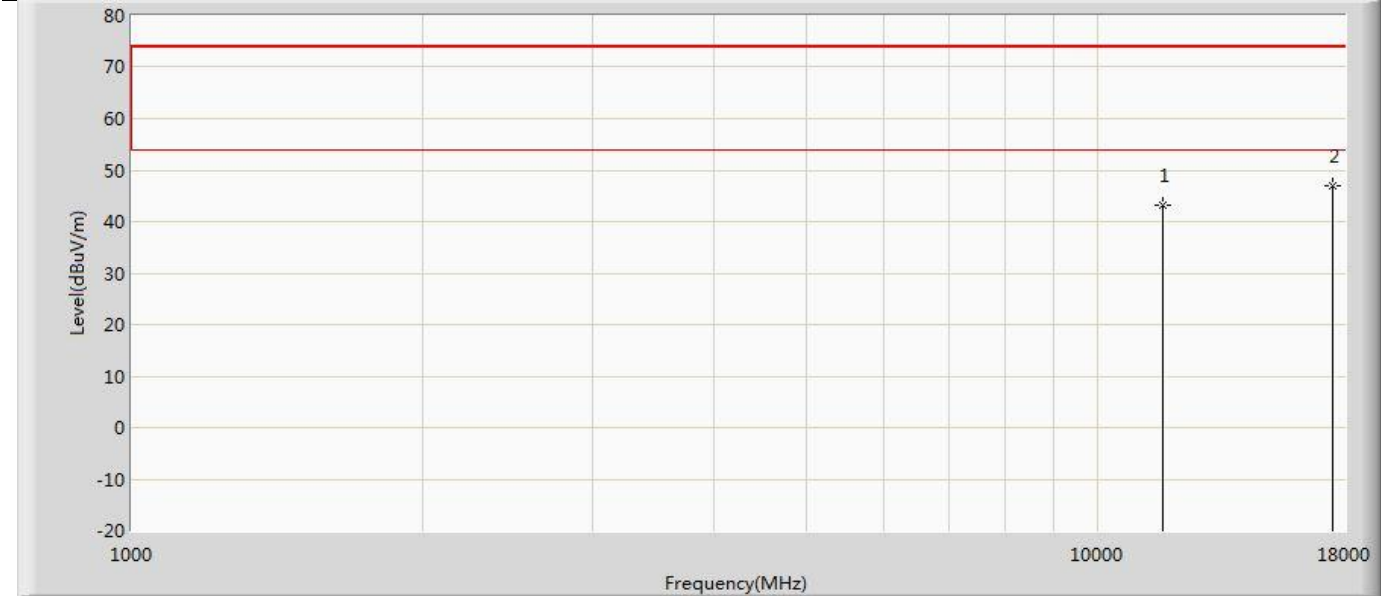
Profile: 22A0147R	Page No.: 67
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5825MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	43.260	42.727	-30.740	74.000	0.533	PK
2	*	17475.000	46.714	41.605	-27.286	74.000	5.109	PK



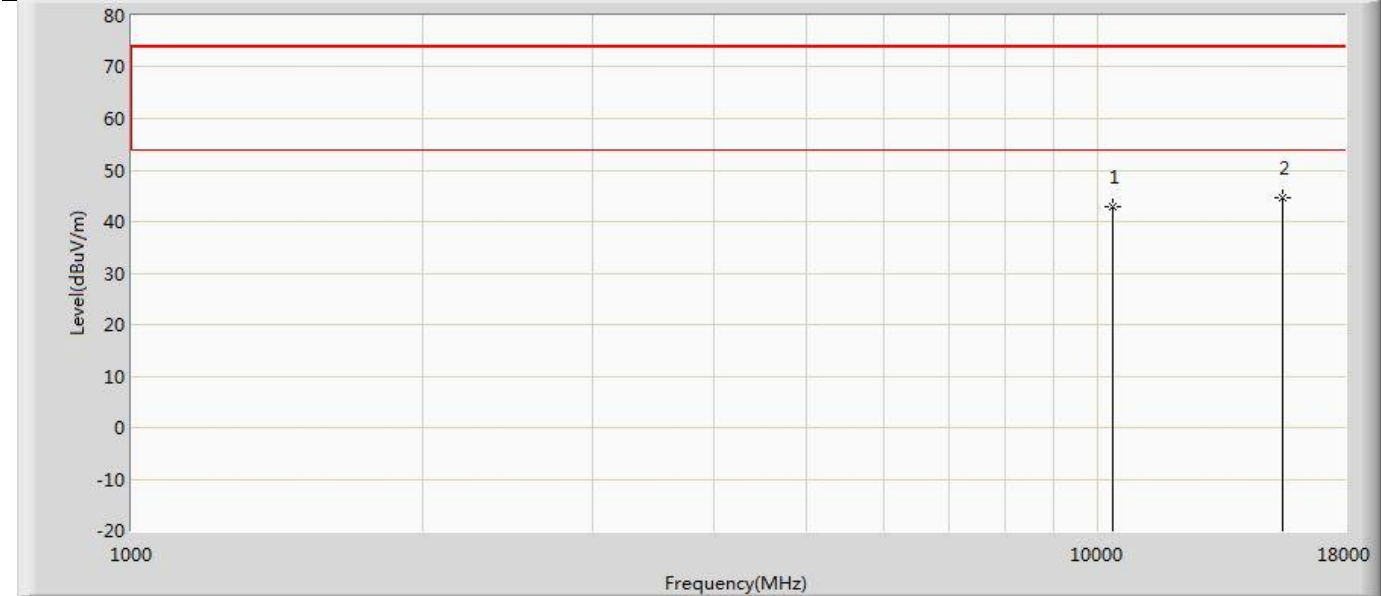
Profile: 22A0147R	Page No.: 68
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5825MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	43.313	42.780	-30.687	74.000	0.533	PK
2	*	17475.000	46.817	41.708	-27.183	74.000	5.109	PK



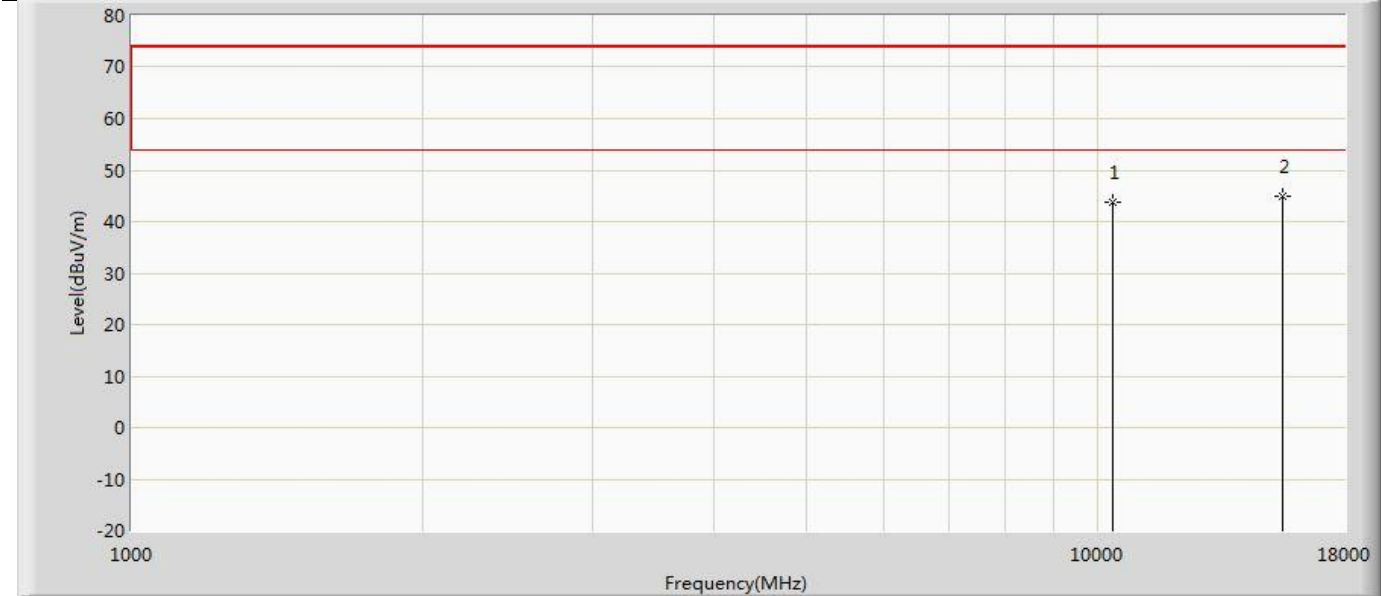
Profile: 22A0147R	Page No.: 69
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5180MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	42.888	43.553	-31.112	74.000	-0.665	PK
2	*	15540.000	44.649	43.078	-29.351	74.000	1.571	PK



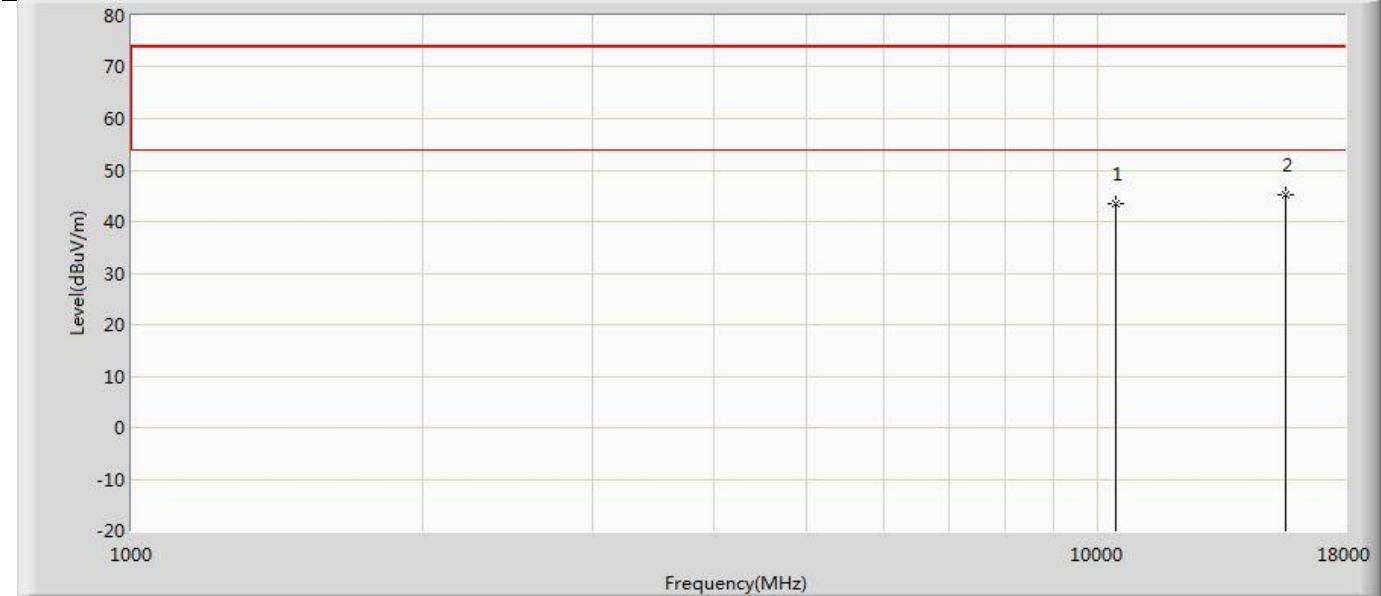
Profile: 22A0147R	Page No.: 70
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5180MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	43.708	44.373	-30.292	74.000	-0.665	PK
2	*	15540.000	45.007	43.436	-28.993	74.000	1.571	PK



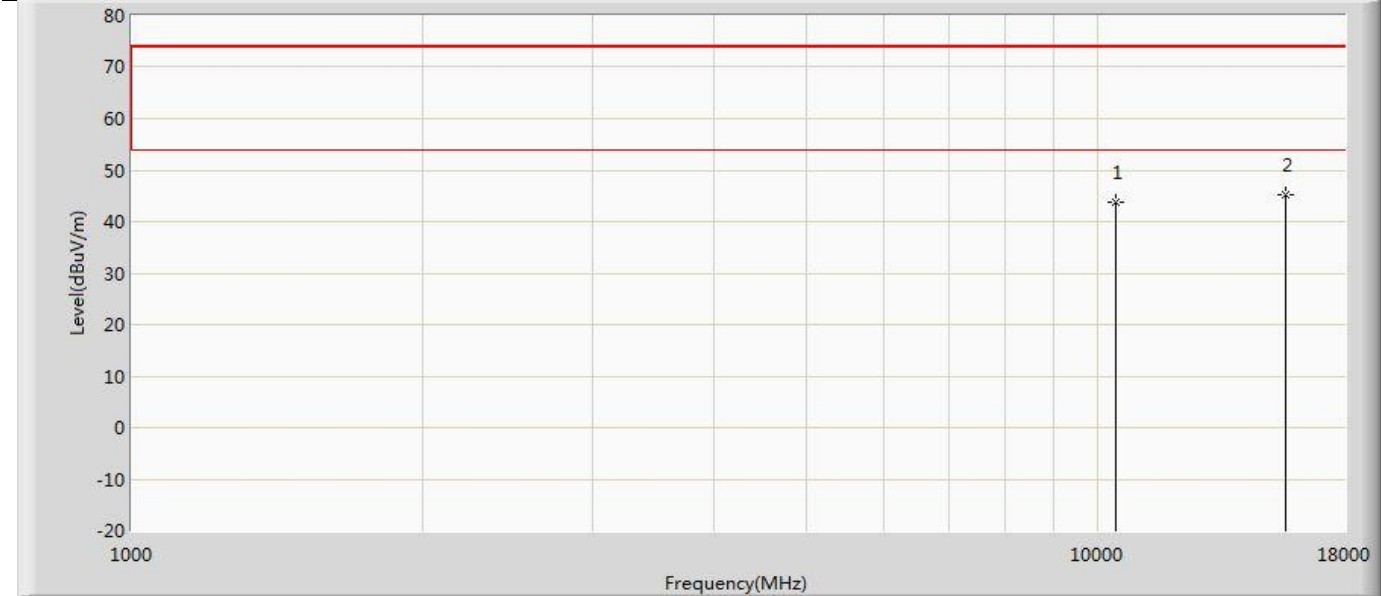
Profile: 22A0147R	Page No.: 71
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5220MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	43.422	44.198	-30.578	74.000	-0.776	PK
2	*	15660.000	45.153	43.325	-28.847	74.000	1.828	PK



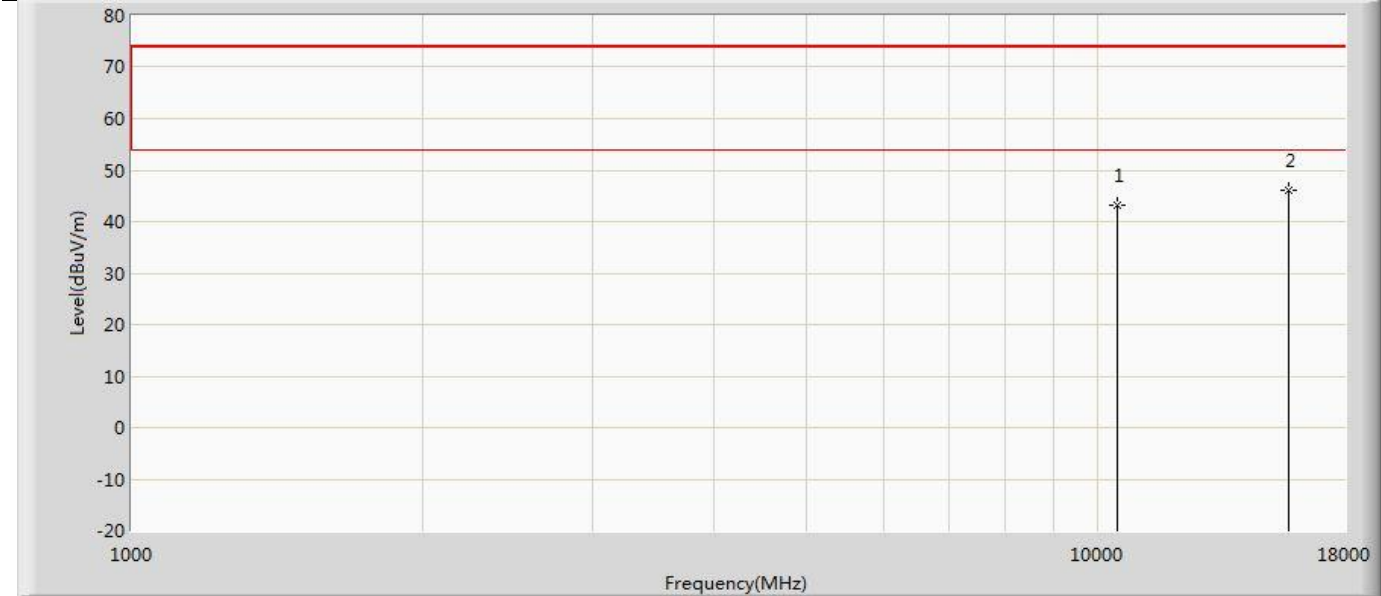
Profile: 22A0147R	Page No.: 72
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5220MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	43.696	44.472	-30.304	74.000	-0.776	PK
2	*	15660.000	45.153	43.325	-28.847	74.000	1.828	PK



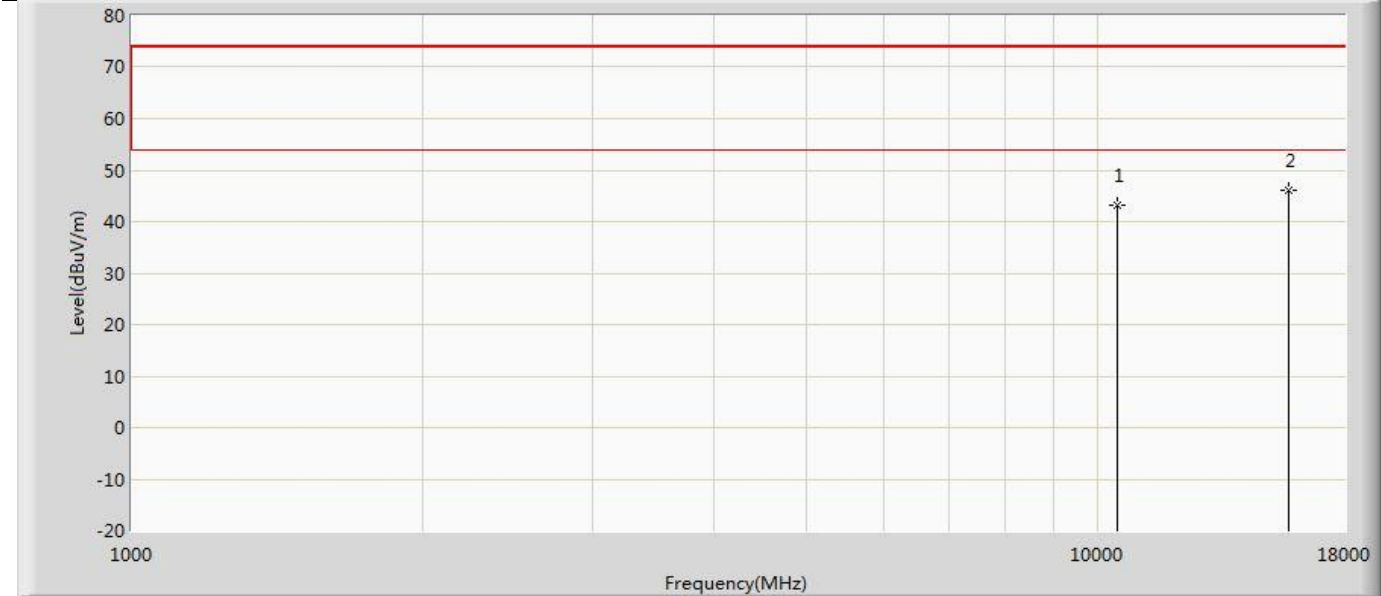
Profile: 22A0147R	Page No.: 73
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5240MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	43.113	43.869	-30.887	74.000	-0.757	PK
2	*	15720.000	45.961	43.838	-28.039	74.000	2.122	PK



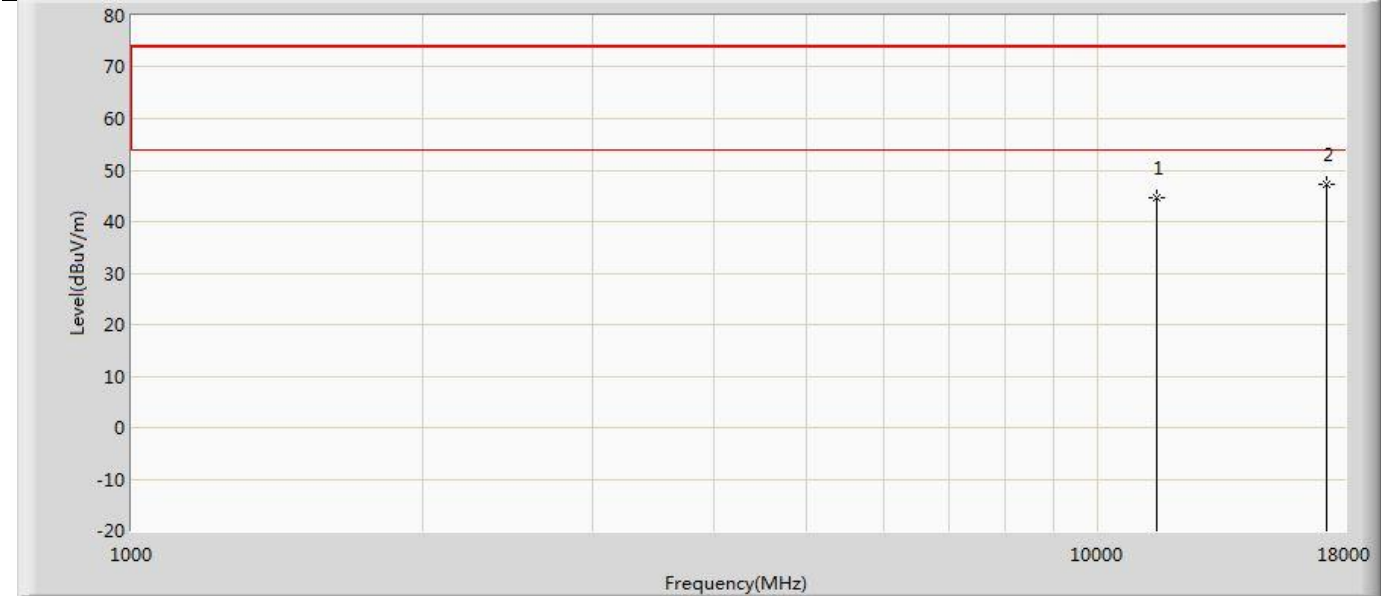
Profile: 22A0147R	Page No.: 74
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5240MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	43.113	43.869	-30.887	74.000	-0.757	PK
2	*	15720.000	45.961	43.838	-28.039	74.000	2.122	PK



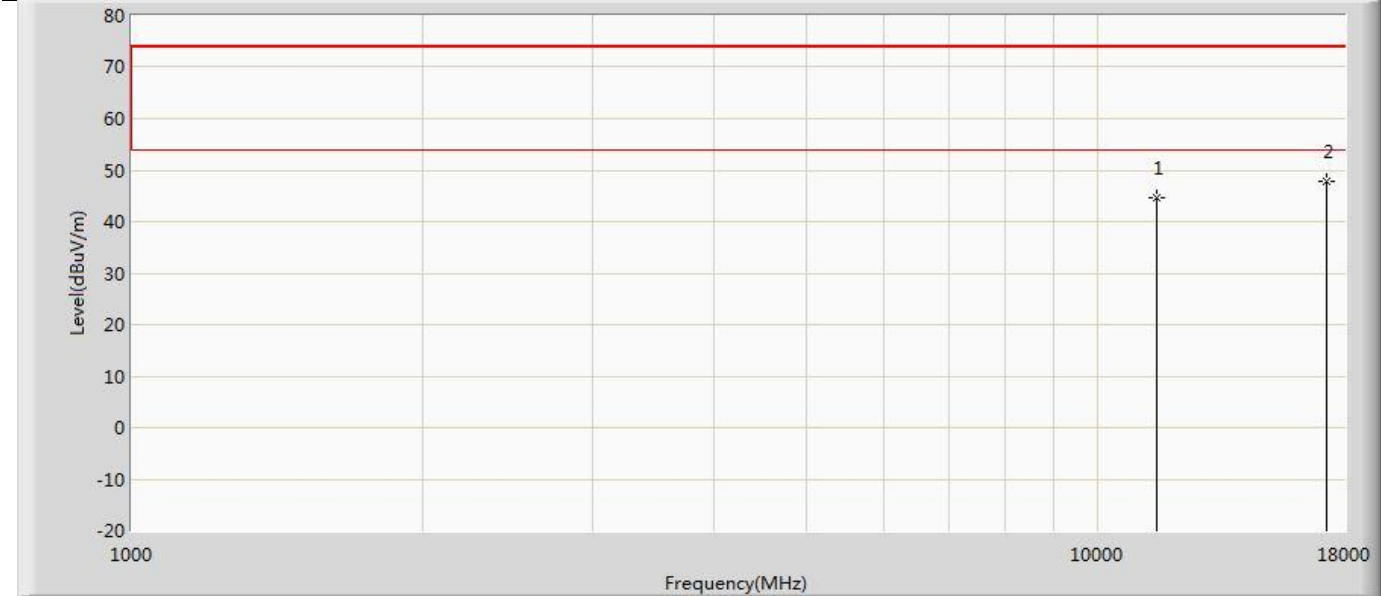
Profile: 22A0147R	Page No.: 75
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5745MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	44.610	44.499	-29.390	74.000	0.111	PK
2	*	17235.000	47.256	42.632	-26.744	74.000	4.624	PK



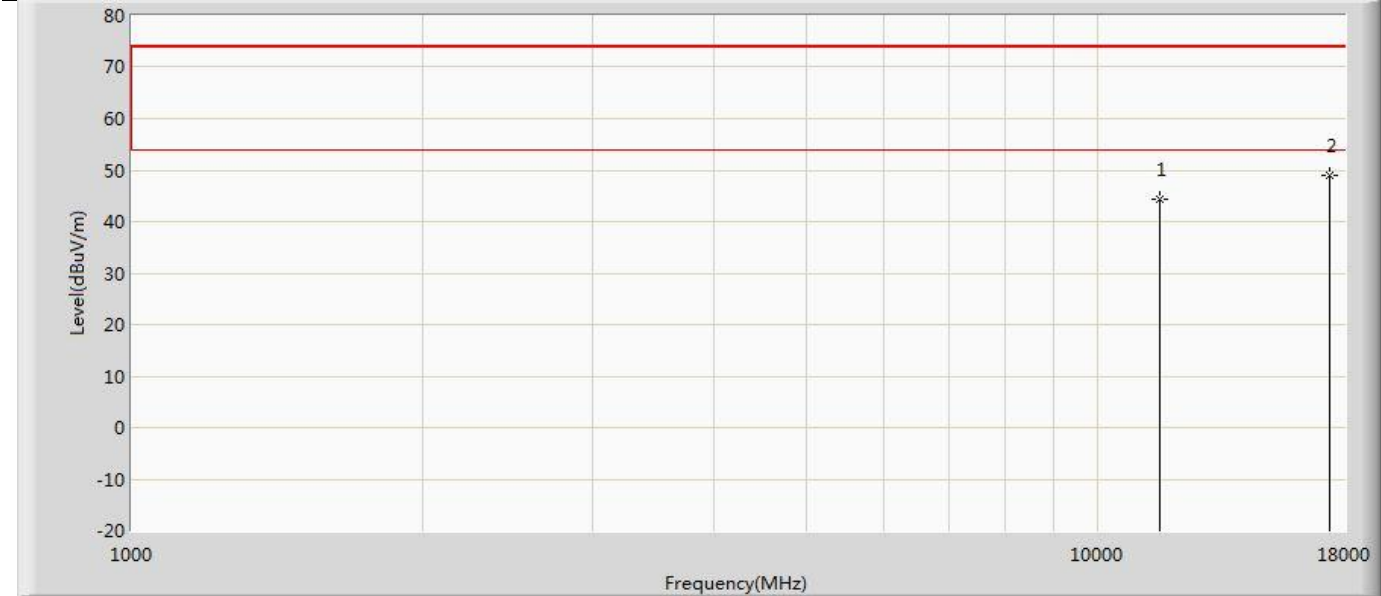
Profile: 22A0147R	Page No.: 76
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5745MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	44.610	44.499	-29.390	74.000	0.111	PK
2	*	17235.000	47.749	43.125	-26.251	74.000	4.624	PK



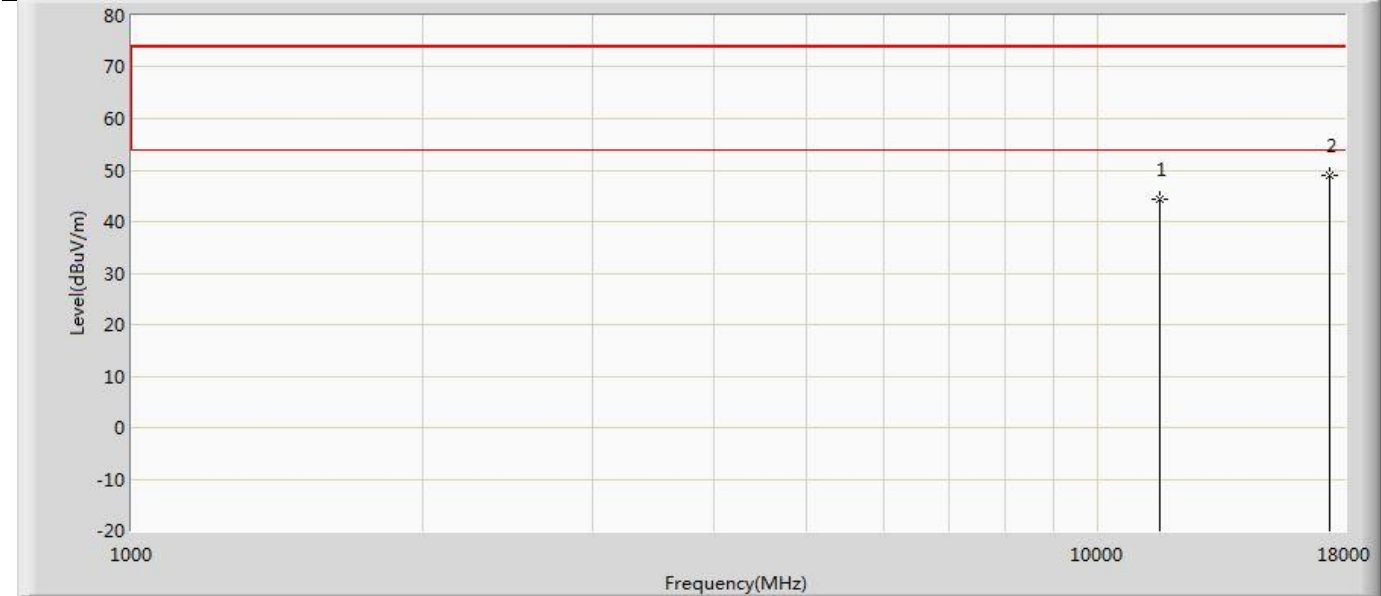
Profile: 22A0147R	Page No.: 77
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5785MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	44.235	43.655	-29.765	74.000	0.580	PK
2	*	17355.000	48.890	43.700	-25.110	74.000	5.190	PK



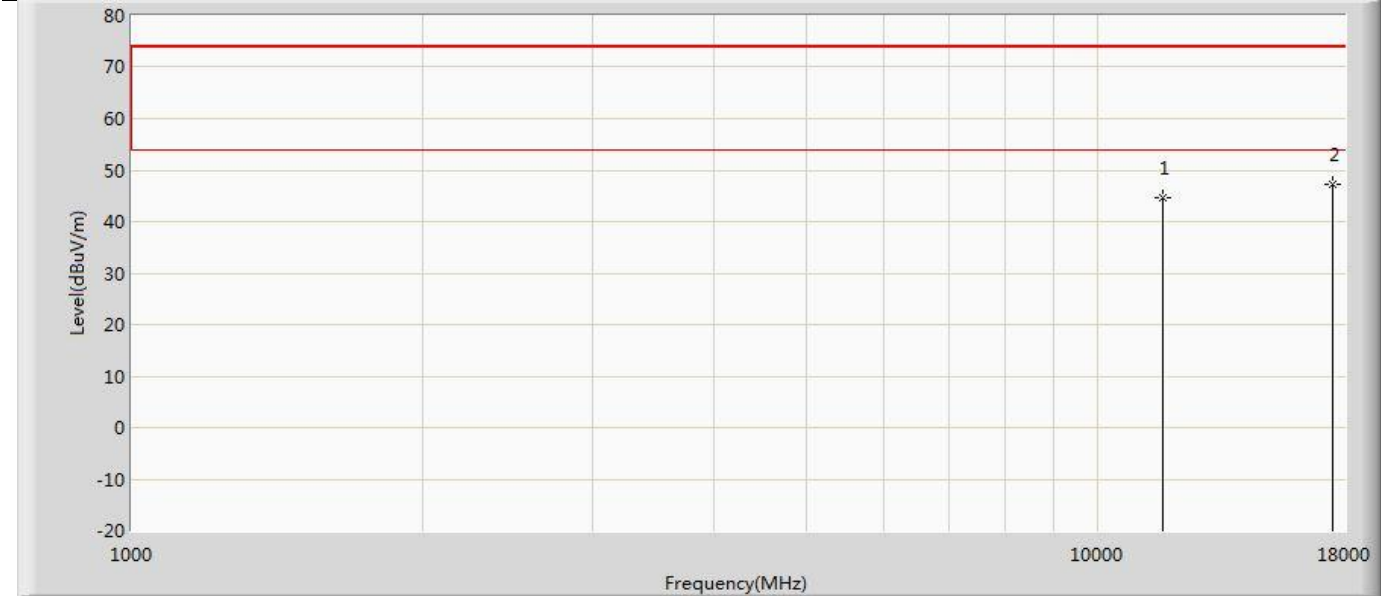
Profile: 22A0147R	Page No.: 78
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5785MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	44.235	43.655	-29.765	74.000	0.580	PK
2	*	17355.000	48.890	43.700	-25.110	74.000	5.190	PK



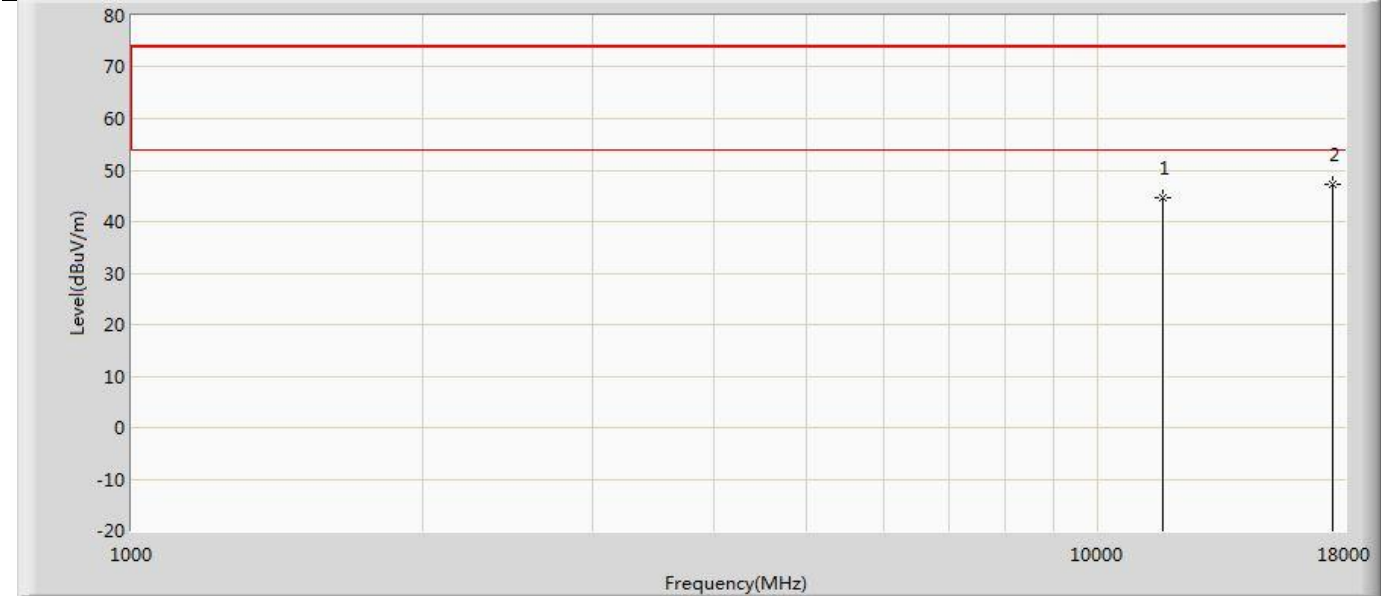
Profile: 22A0147R	Page No.: 79
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5825MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	44.652	44.119	-29.348	74.000	0.533	PK
2	*	17475.000	47.309	42.200	-26.691	74.000	5.109	PK



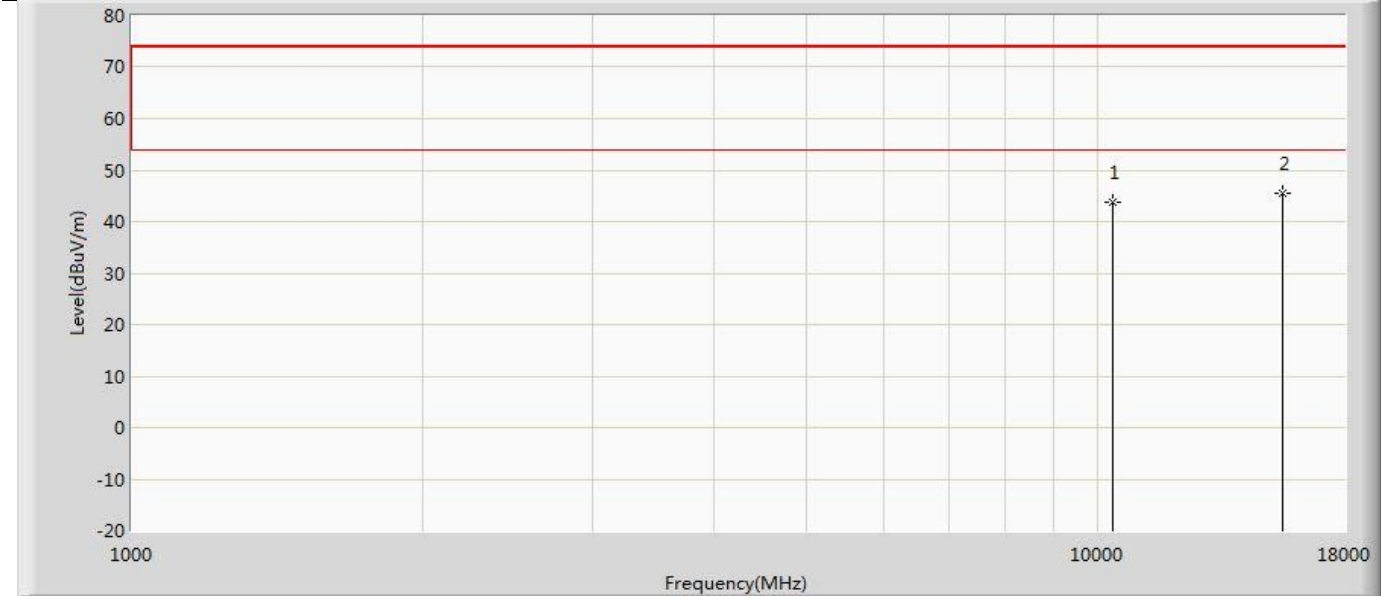
Profile: 22A0147R	Page No.: 80
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5825MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	44.652	44.119	-29.348	74.000	0.533	PK
2	*	17475.000	47.309	42.200	-26.691	74.000	5.109	PK



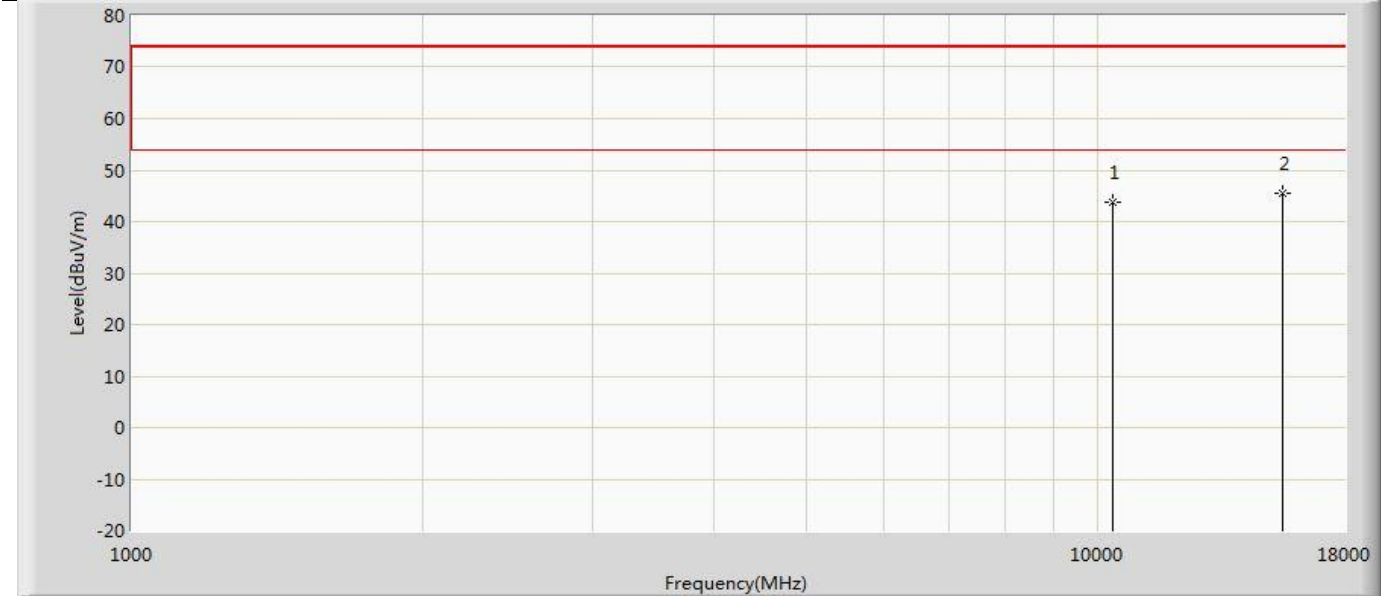
Profile: 22A0147R	Page No.: 81
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5180MHz by 802.11ac(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	43.790	44.455	-30.210	74.000	-0.665	PK
2	*	15540.000	45.419	43.848	-28.581	74.000	1.571	PK



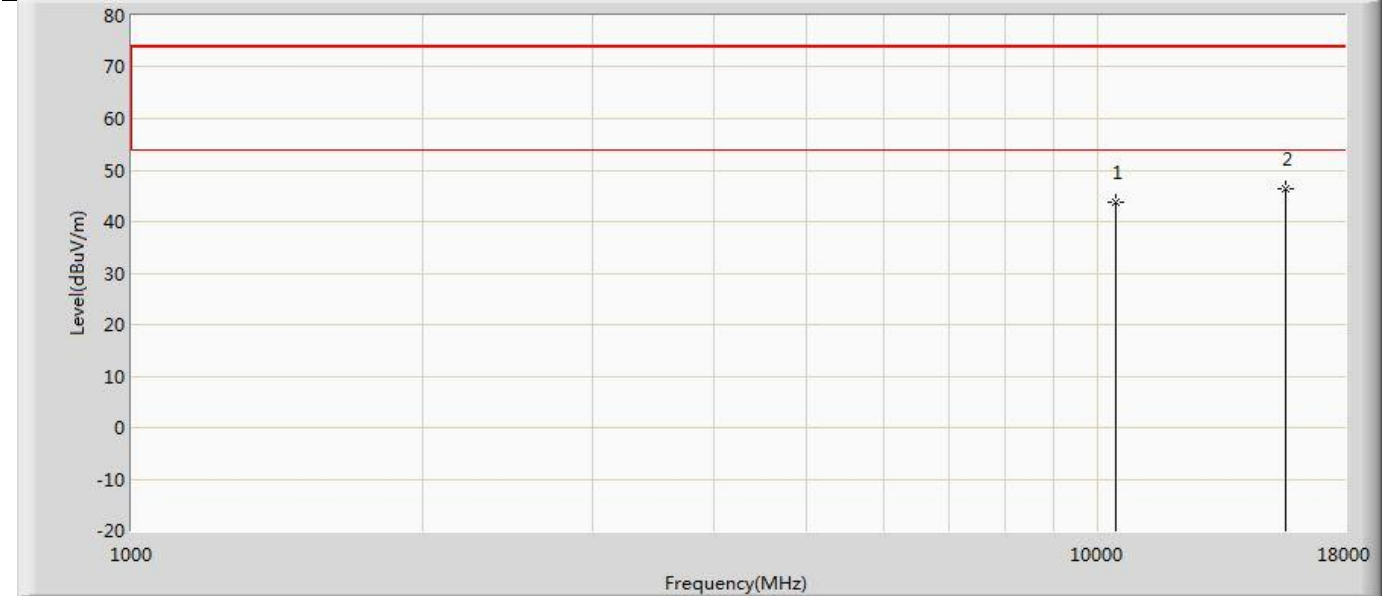
Profile: 22A0147R	Page No.: 82
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5180MHz by 802.11ac(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	43.790	44.455	-30.210	74.000	-0.665	PK
2	*	15540.000	45.419	43.848	-28.581	74.000	1.571	PK



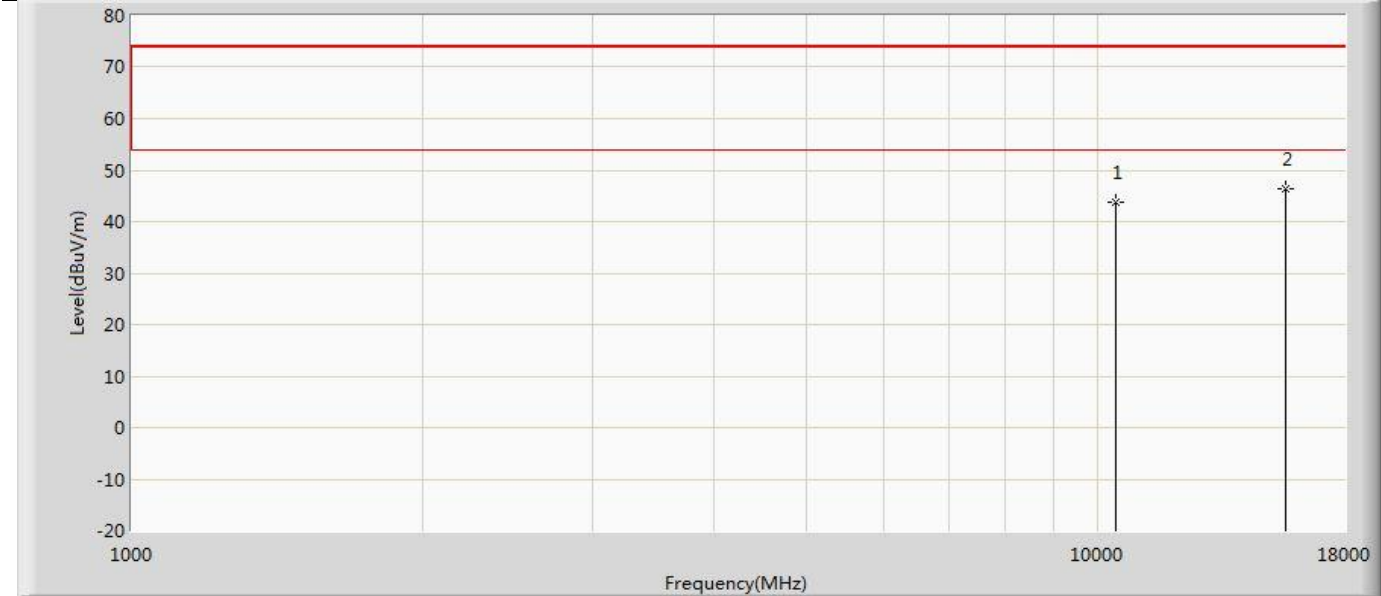
Profile: 22A0147R	Page No.: 83
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5220MHz by 802.11ac(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	43.724	44.500	-30.276	74.000	-0.776	PK
2	*	15660.000	46.269	44.441	-27.731	74.000	1.828	PK



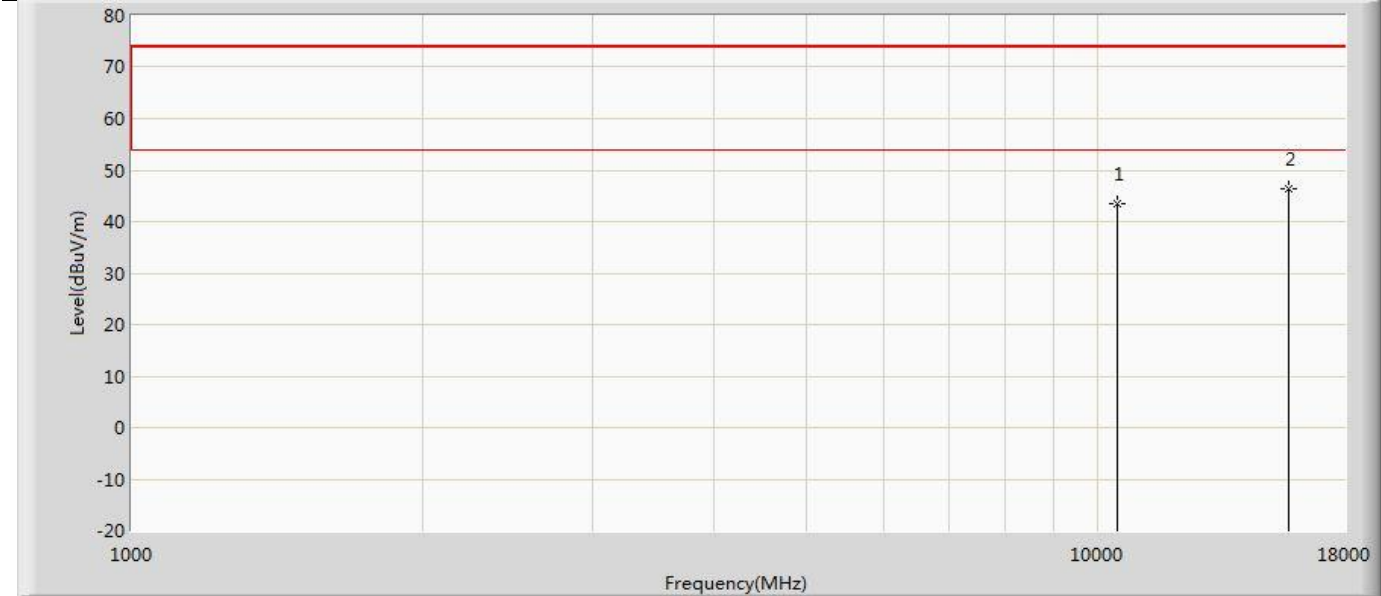
Profile: 22A0147R	Page No.: 84
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5220MHz by 802.11ac(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	43.724	44.500	-30.276	74.000	-0.776	PK
2	*	15660.000	46.269	44.441	-27.731	74.000	1.828	PK



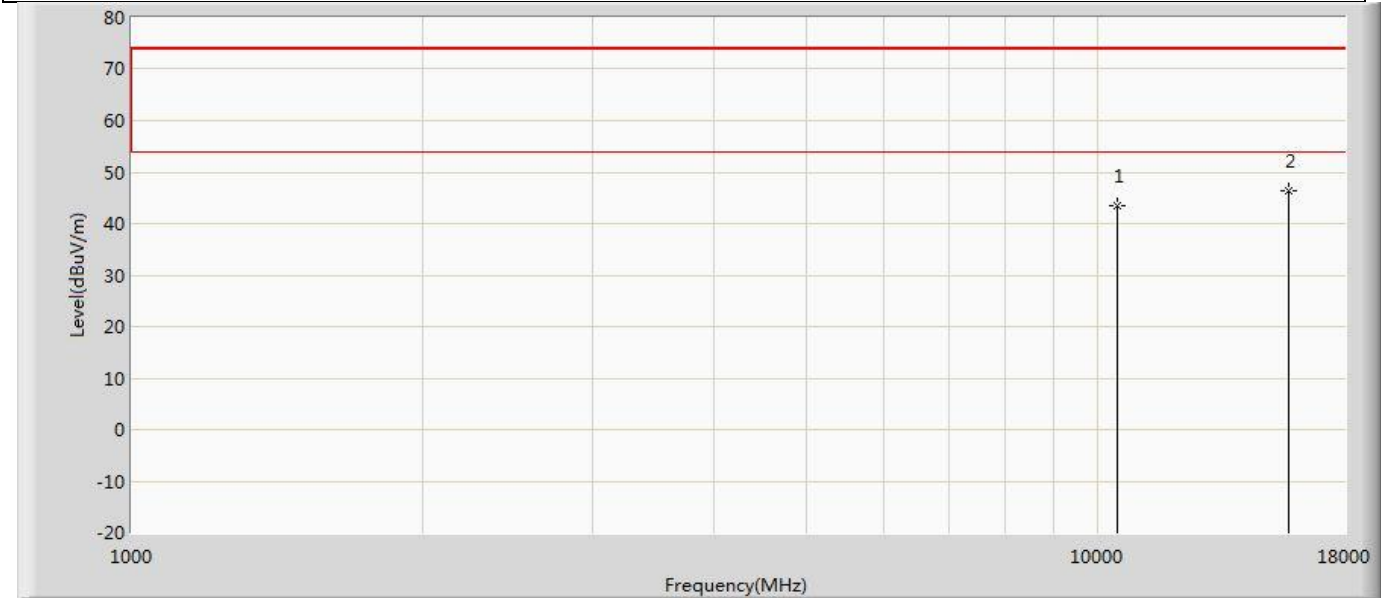
Profile: 22A0147R	Page No.: 85
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5240MHz by 802.11ac(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	43.492	44.248	-30.508	74.000	-0.757	PK
2	*	15720.000	46.440	44.317	-27.560	74.000	2.122	PK



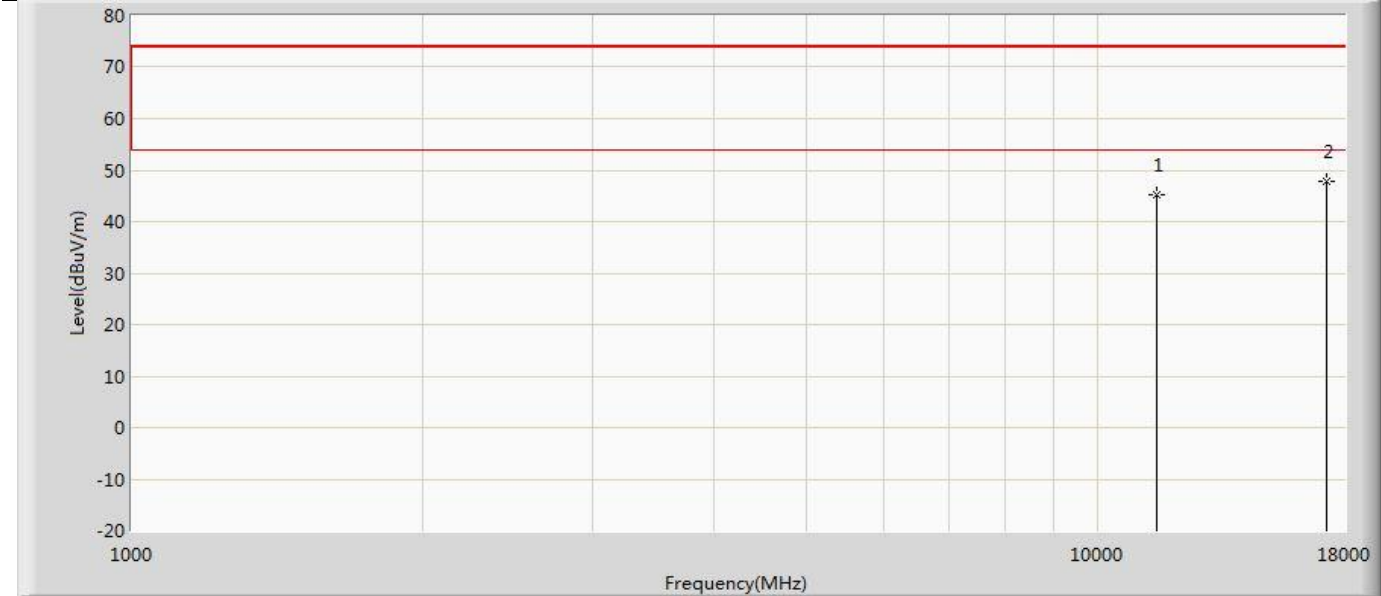
Profile: 22A0147R	Page No.: 86
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5240MHz by 802.11ac(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	43.492	44.248	-30.508	74.000	-0.757	PK
2	*	15720.000	46.440	44.317	-27.560	74.000	2.122	PK



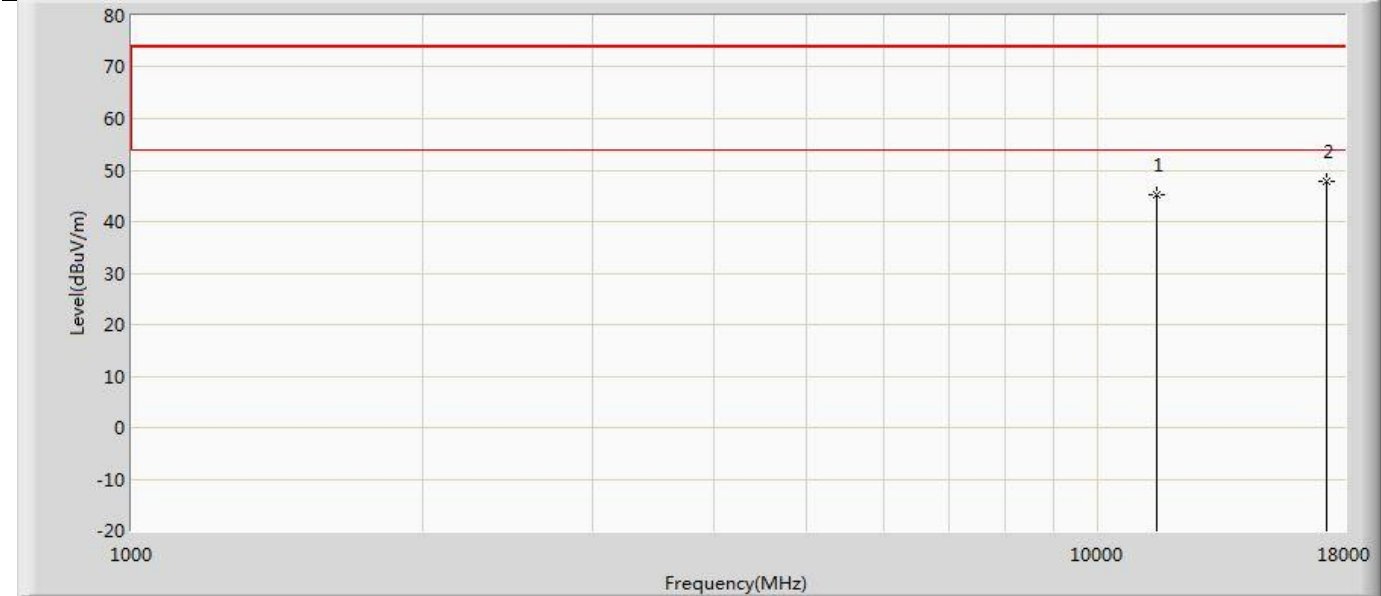
Profile: 22A0147R	Page No.: 87
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5745MHz by 802.11ac(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	45.193	45.082	-28.807	74.000	0.111	PK
2	*	17235.000	47.749	43.125	-26.251	74.000	4.624	PK



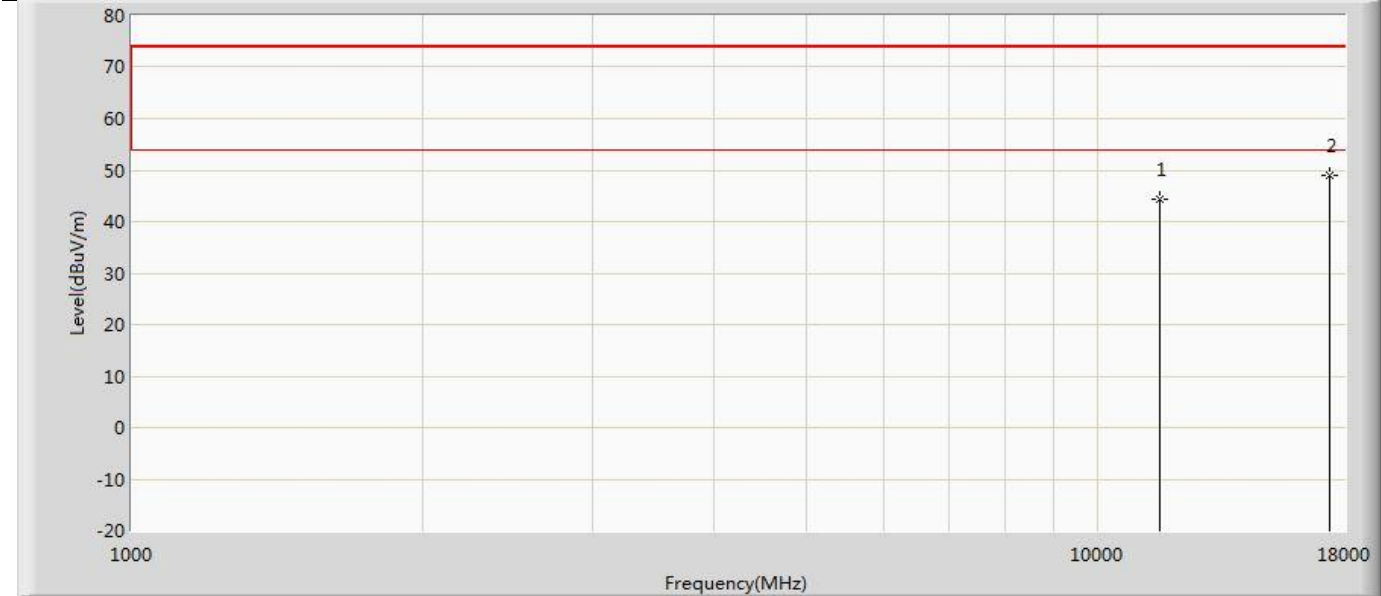
Profile: 22A0147R	Page No.: 88
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5745MHz by 802.11ac(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	45.193	45.082	-28.807	74.000	0.111	PK
2	*	17235.000	47.749	43.125	-26.251	74.000	4.624	PK



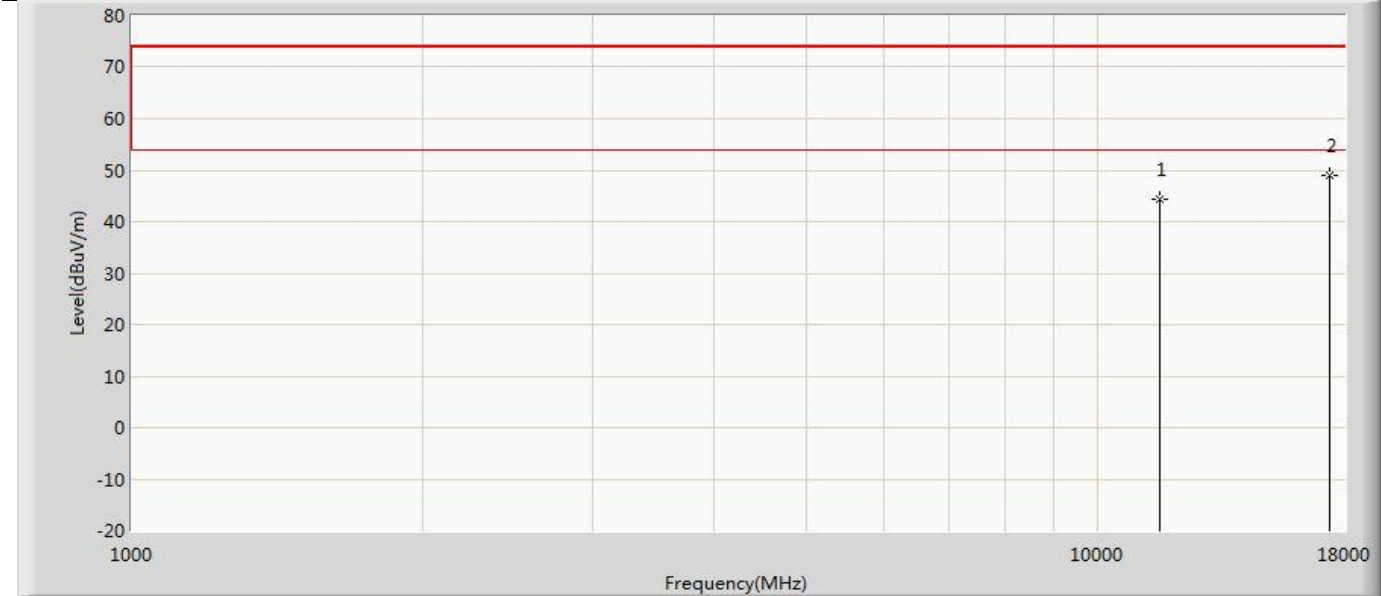
Profile: 22A0147R	Page No.: 89
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5785MHz by 802.11ac(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	44.408	43.828	-29.592	74.000	0.580	PK
2	*	17355.000	48.986	43.796	-25.014	74.000	5.190	PK



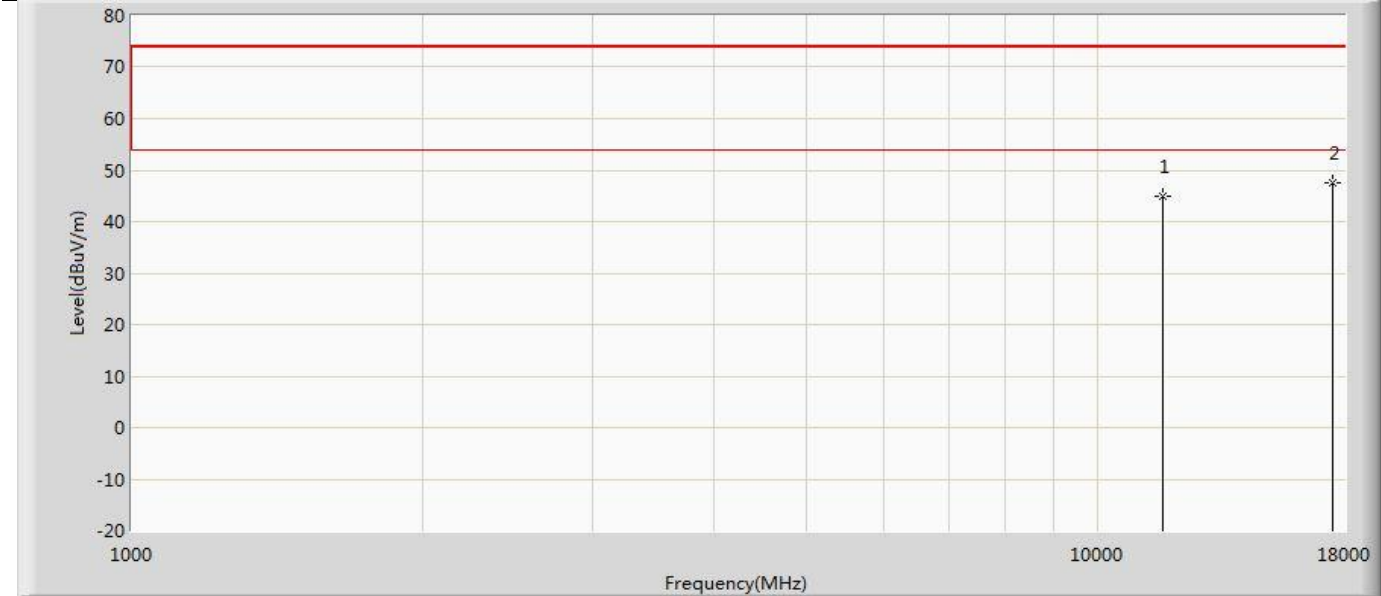
Profile: 22A0147R	Page No.: 90
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5785MHz by 802.11ac(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	44.446	43.866	-29.554	74.000	0.580	PK
2	*	17355.000	48.986	43.796	-25.014	74.000	5.190	PK



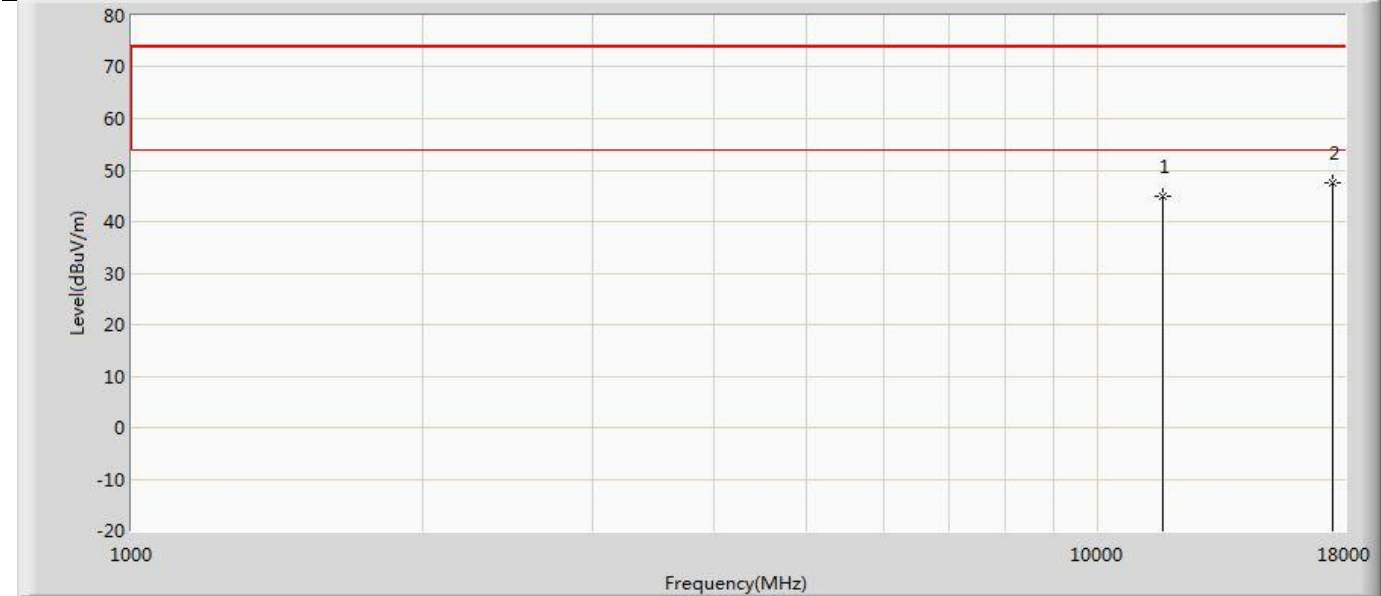
Profile: 22A0147R	Page No.: 91
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5825MHz by 802.11ac(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	44.971	44.438	-29.029	74.000	0.533	PK
2	*	17475.000	47.456	42.347	-26.544	74.000	5.109	PK



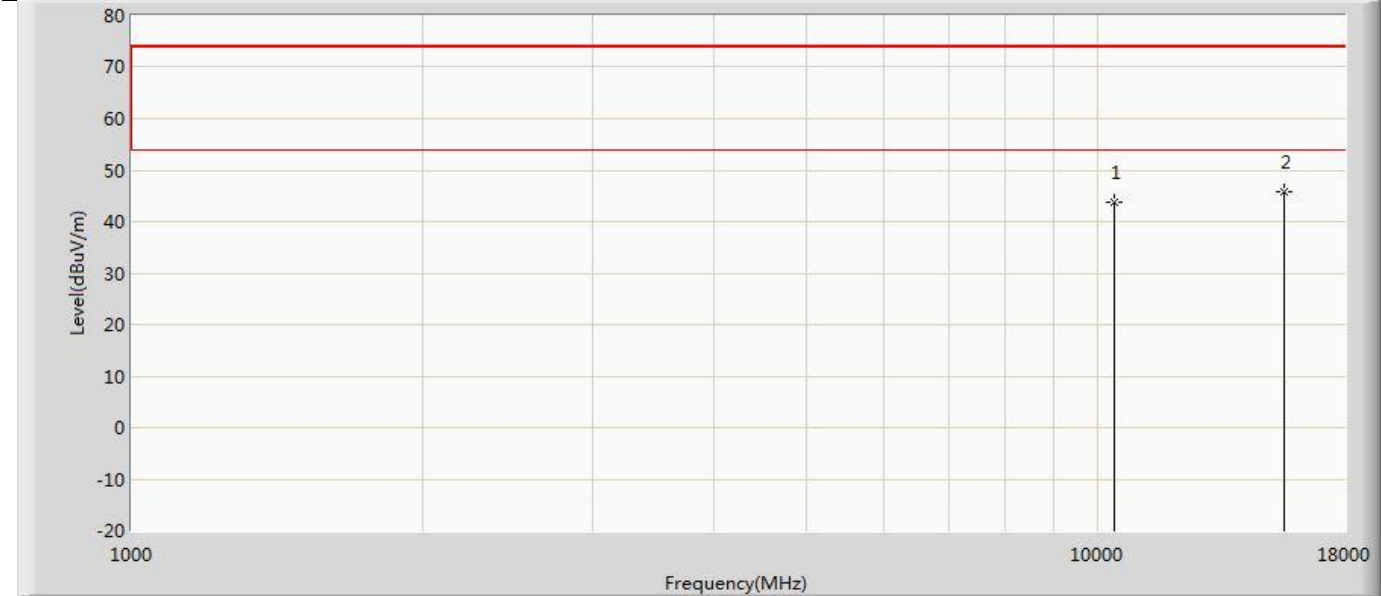
Profile: 22A0147R	Page No.: 92
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5825MHz by 802.11ac(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	44.971	44.438	-29.029	74.000	0.533	PK
2	*	17475.000	47.456	42.347	-26.544	74.000	5.109	PK



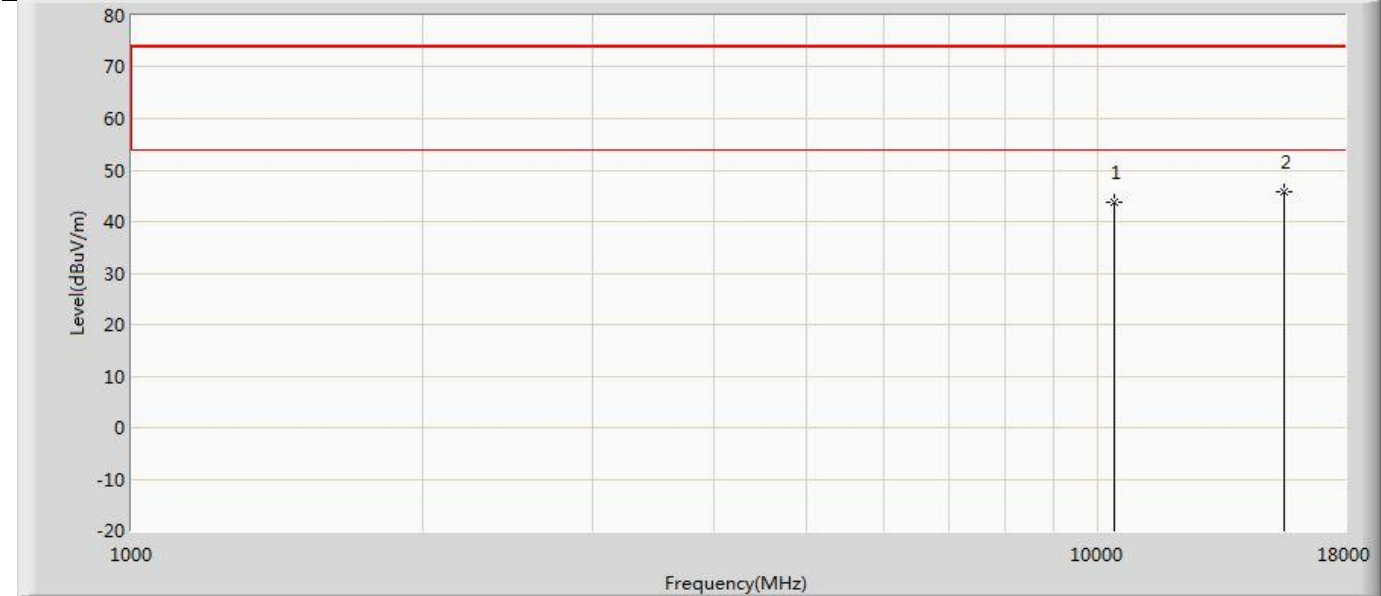
Profile: 22A0147R	Page No.: 93
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5190MHz by 802.11n(40MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	43.880	44.620	-30.120	74.000	-0.740	PK
2	*	15570.000	45.885	44.016	-28.115	74.000	1.869	PK



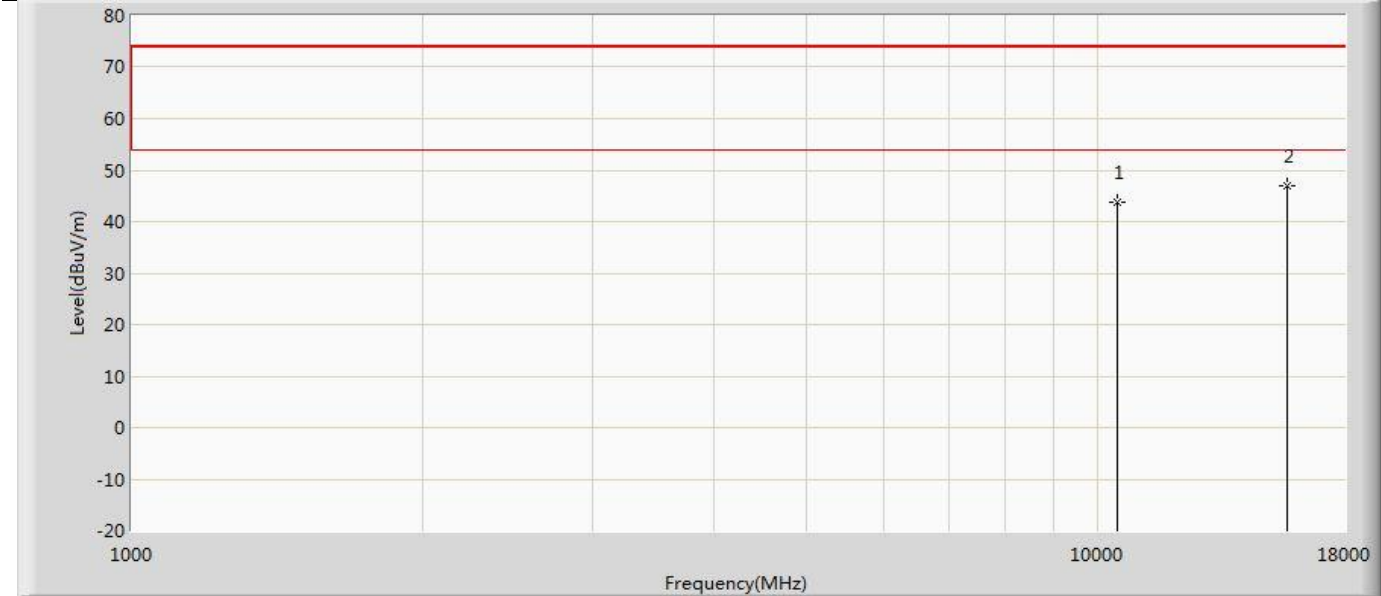
Profile: 22A0147R	Page No.: 94
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5190MHz by 802.11n(40MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	43.880	44.620	-30.120	74.000	-0.740	PK
2	*	15570.000	45.885	44.016	-28.115	74.000	1.869	PK



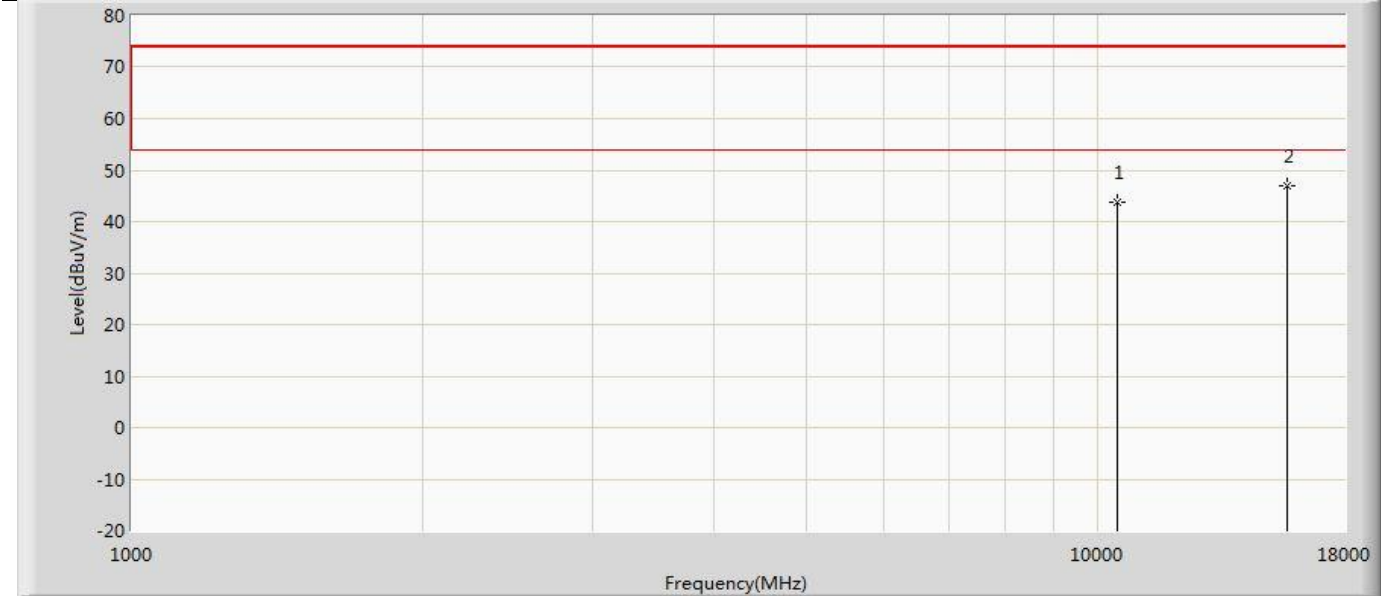
Profile: 22A0147R	Page No.: 95
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5230MHz by 802.11n(40MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	43.830	44.508	-30.170	74.000	-0.678	PK
2	*	15690.000	47.081	44.781	-26.919	74.000	2.300	PK



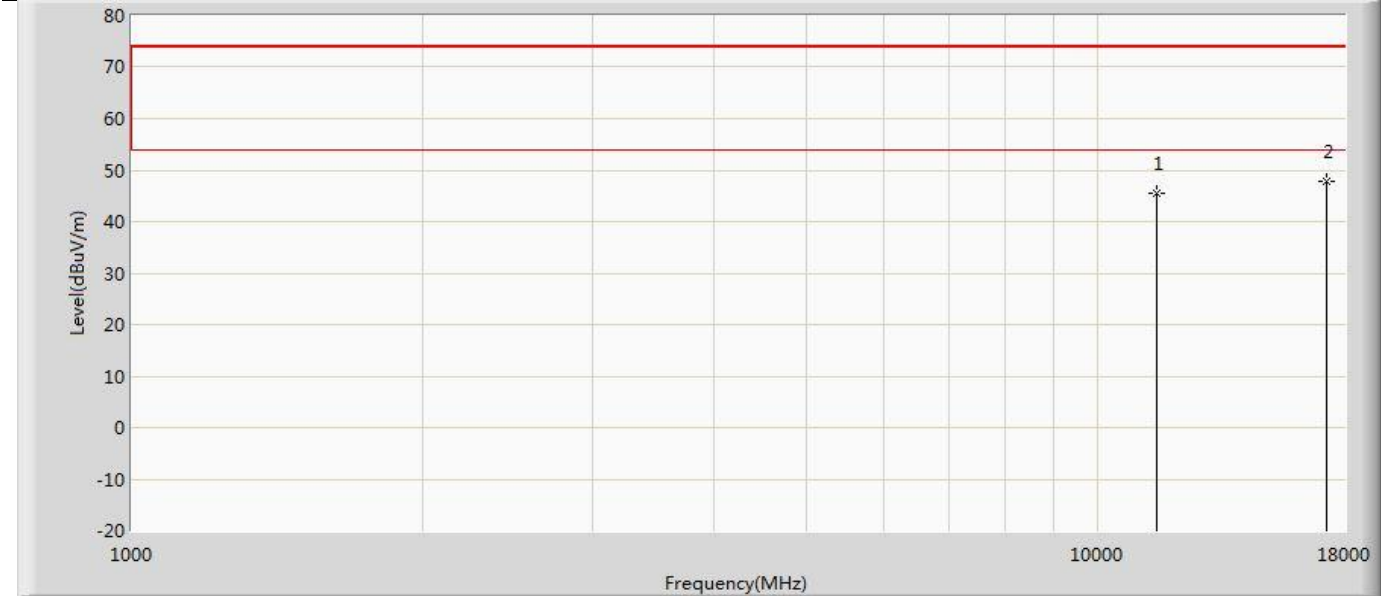
Profile: 22A0147R	Page No.: 96
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5230MHz by 802.11n(40MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	43.830	44.508	-30.170	74.000	-0.678	PK
2	*	15690.000	47.081	44.781	-26.919	74.000	2.300	PK



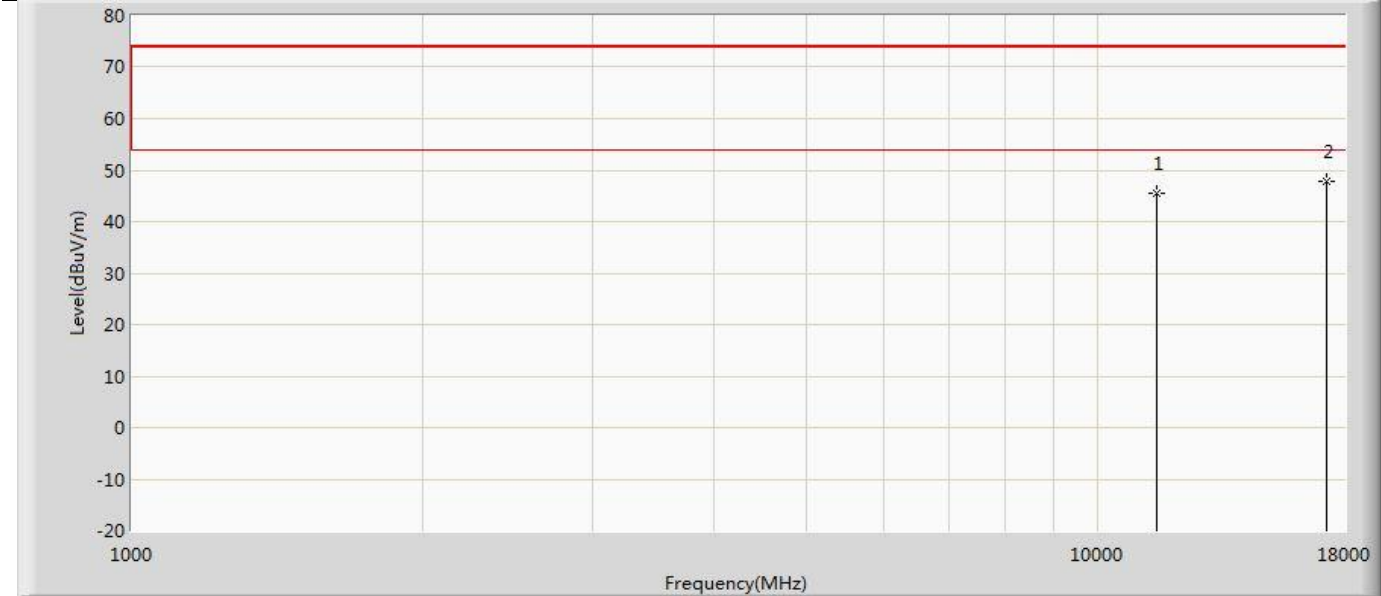
Profile: 22A0147R	Page No.: 97
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5755MHz by 802.11n(40MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	45.462	45.113	-28.538	74.000	0.349	PK
2	*	17265.000	47.843	42.856	-26.157	74.000	4.987	PK



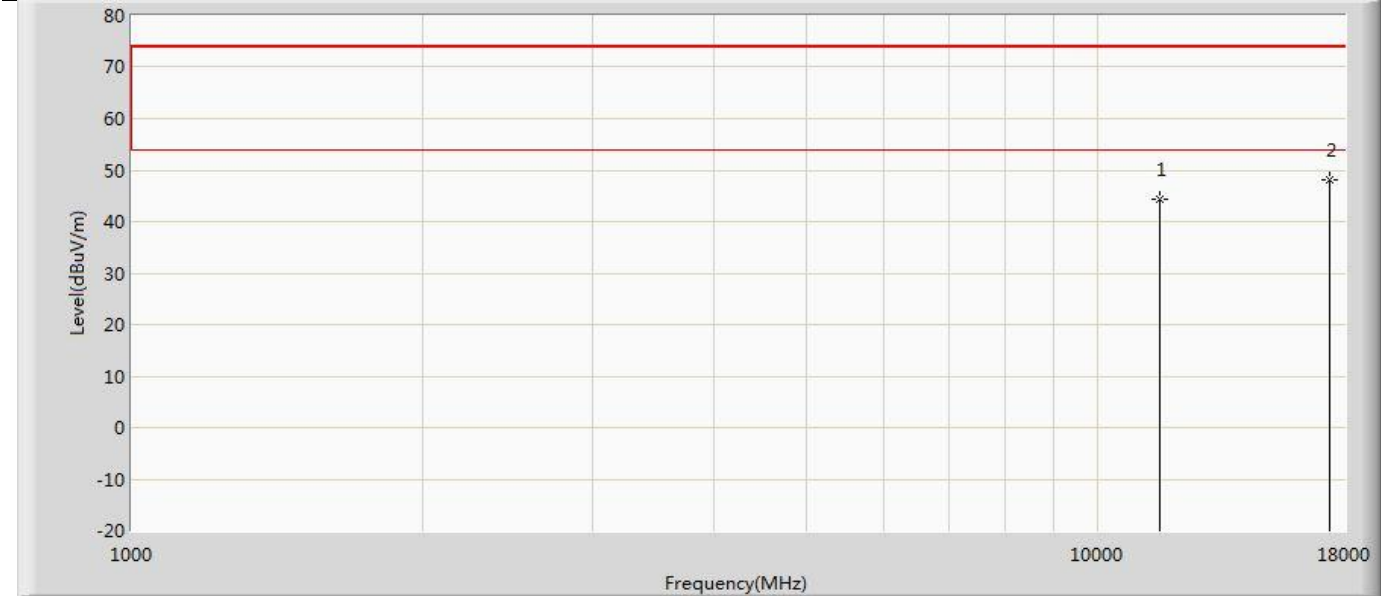
Profile: 22A0147R	Page No.: 98
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5755MHz by 802.11n(40MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	45.462	45.113	-28.538	74.000	0.349	PK
2	*	17265.000	47.843	42.856	-26.157	74.000	4.987	PK



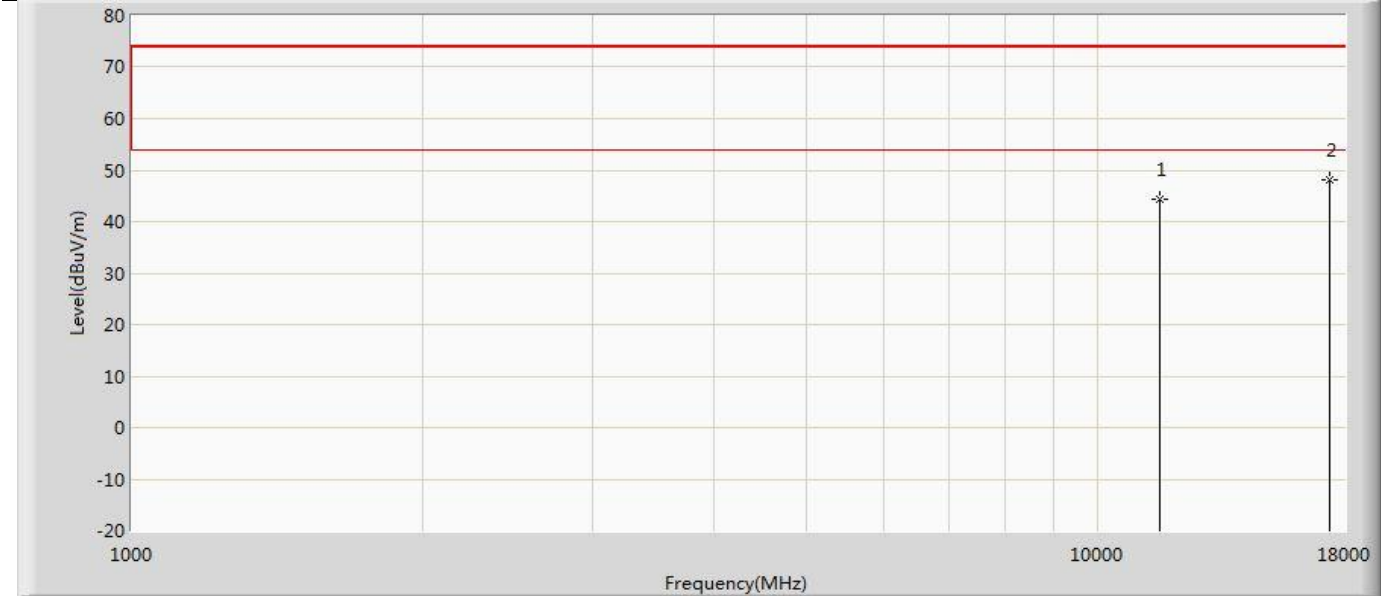
Profile: 22A0147R	Page No.: 99
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5795MHz by 802.11n(40MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	44.357	44.228	-29.643	74.000	0.128	PK
2	*	17385.000	48.110	43.247	-25.890	74.000	4.863	PK



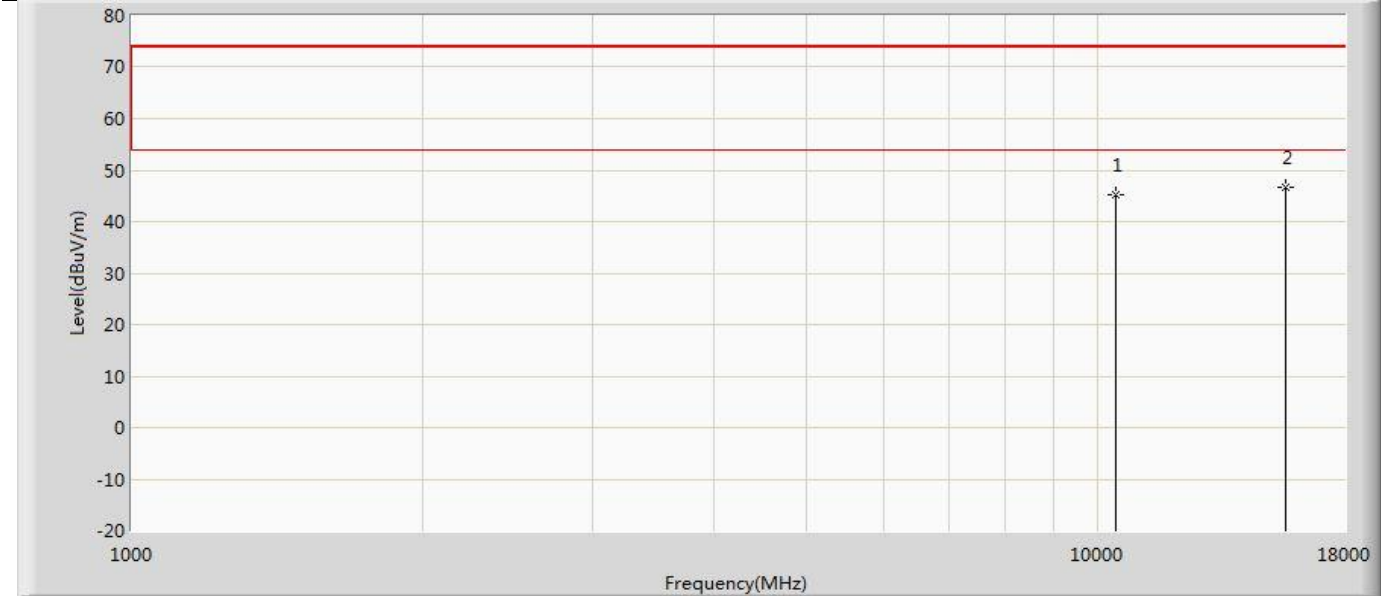
Profile: 22A0147R	Page No.: 100
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5795MHz by 802.11n(40MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	44.357	44.228	-29.643	74.000	0.128	PK
2	*	17385.000	48.110	43.247	-25.890	74.000	4.863	PK



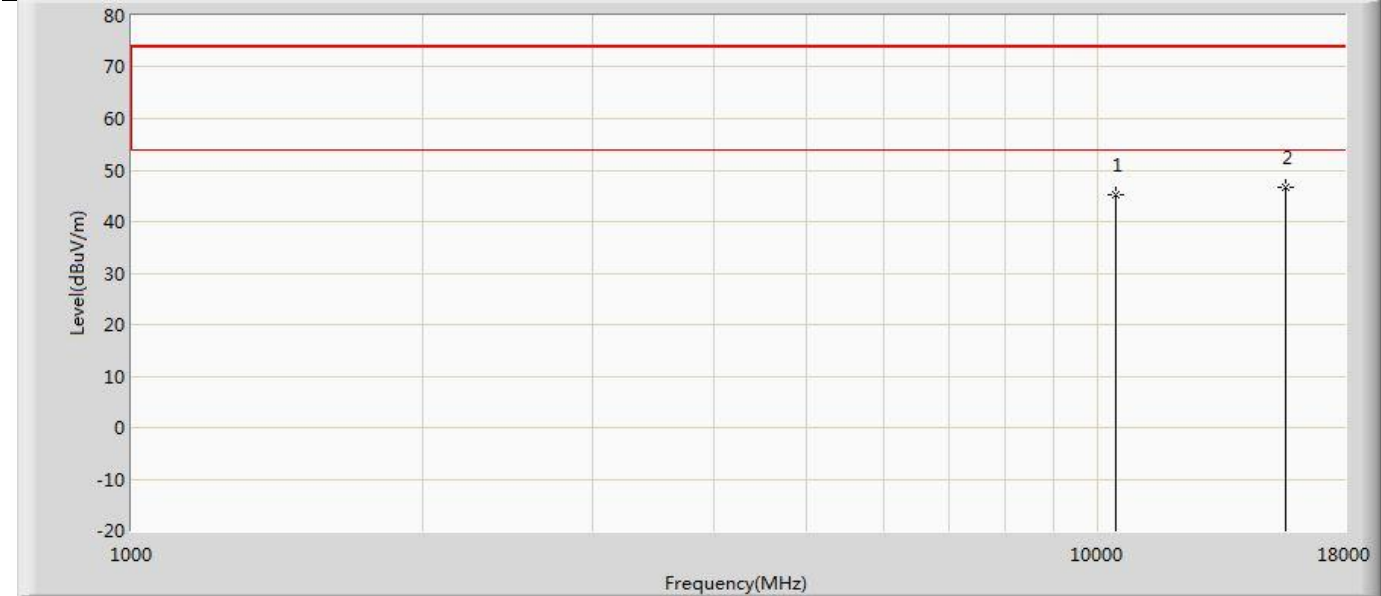
Profile: 22A0147R	Page No.: 109
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5210MHz by 802.11ac(80MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10420.000	45.265	45.929	-28.735	74.000	-0.665	PK
2	*	15630.000	46.704	44.382	-27.296	74.000	2.323	PK



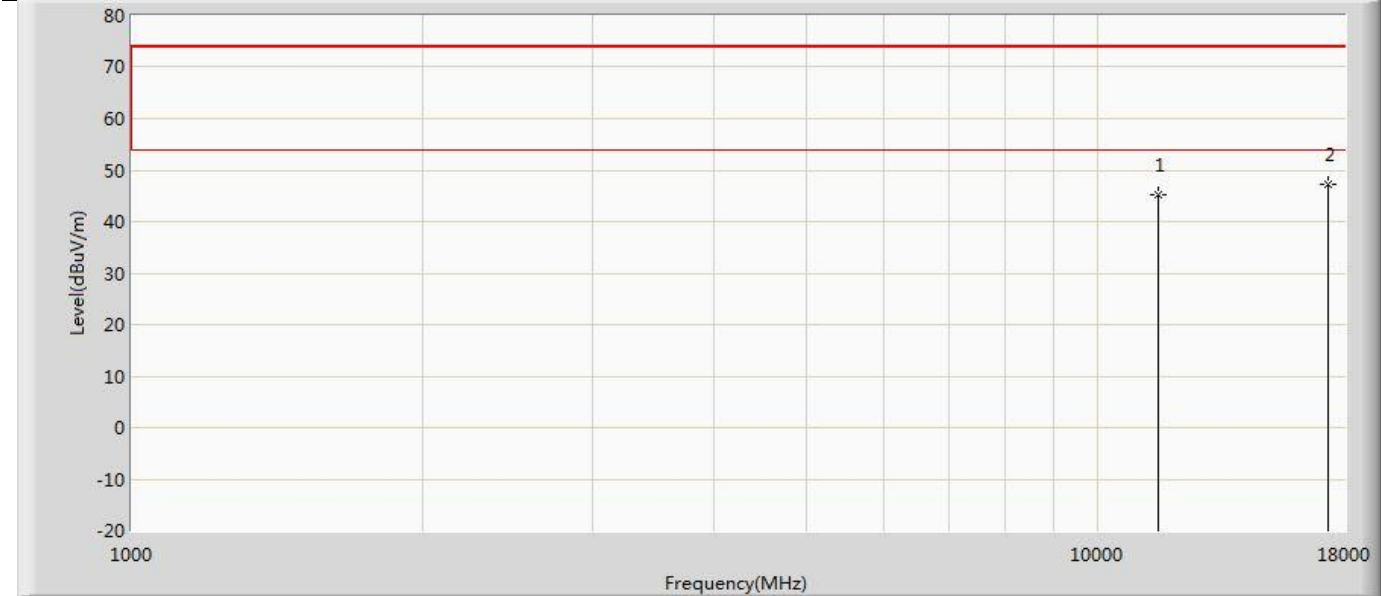
Profile: 22A0147R	Page No.: 110
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5210MHz by 802.11ac(80MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10420.000	45.265	45.929	-28.735	74.000	-0.665	PK
2	*	15630.000	46.704	44.382	-27.296	74.000	2.323	PK



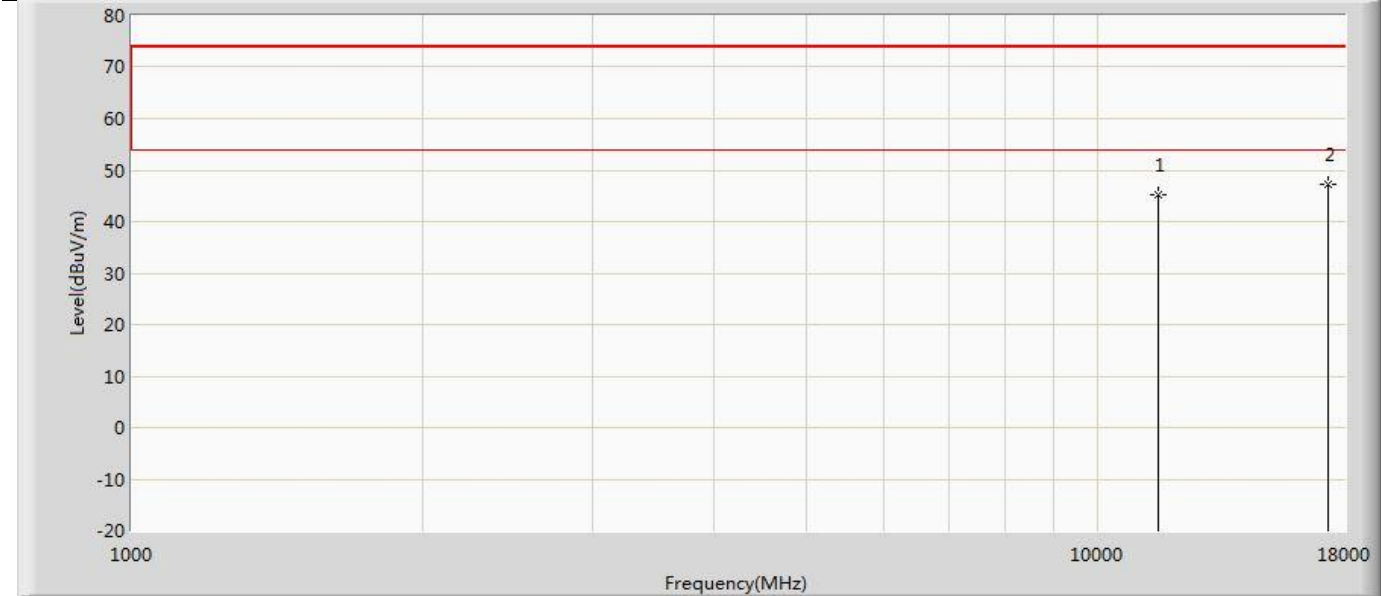
Profile: 22A0147R	Page No.: 111
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5775MHz by 802.11ac(80MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11550.000	45.108	44.684	-28.892	74.000	0.424	PK
2	*	17325.000	47.112	42.694	-26.888	74.000	4.418	PK



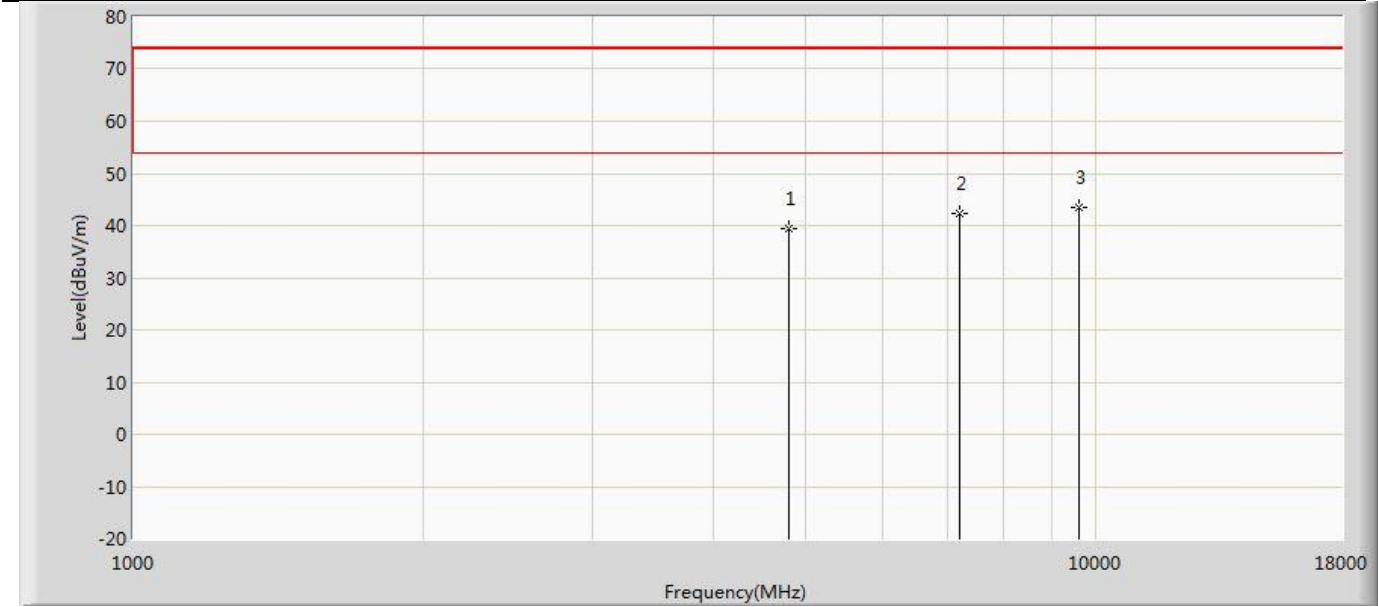
Profile: 22A0147R	Page No.: 112
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode : Transmit at 5775MHz by 802.11ac(80MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11550.000	45.108	44.684	-28.892	74.000	0.424	PK
2	*	17325.000	47.112	42.694	-26.888	74.000	4.418	PK



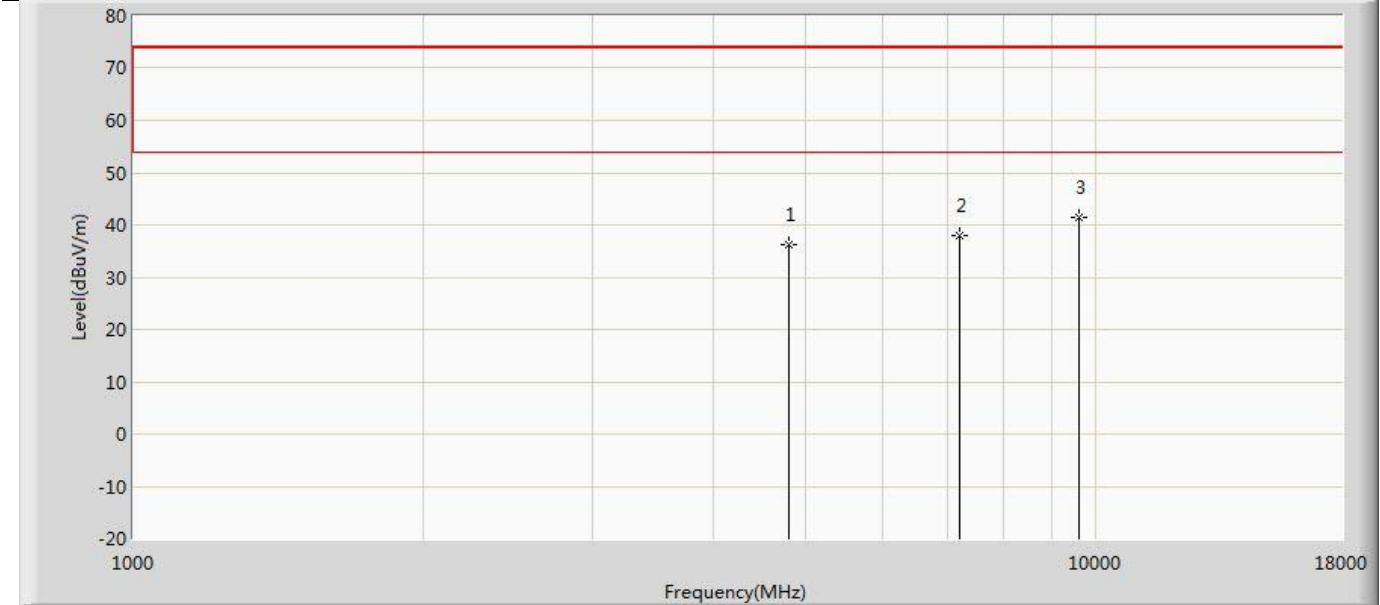
Profile: 22A0147R	Page No.: 19
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode :Transmit at 2402MHz by 1Mbps(GFSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	39.492	45.287	-34.508	74.000	-5.795	PK
2		7206.000	42.306	45.332	-31.694	74.000	-3.026	PK
3	*	9608.000	43.567	45.821	-30.433	74.000	-2.254	PK



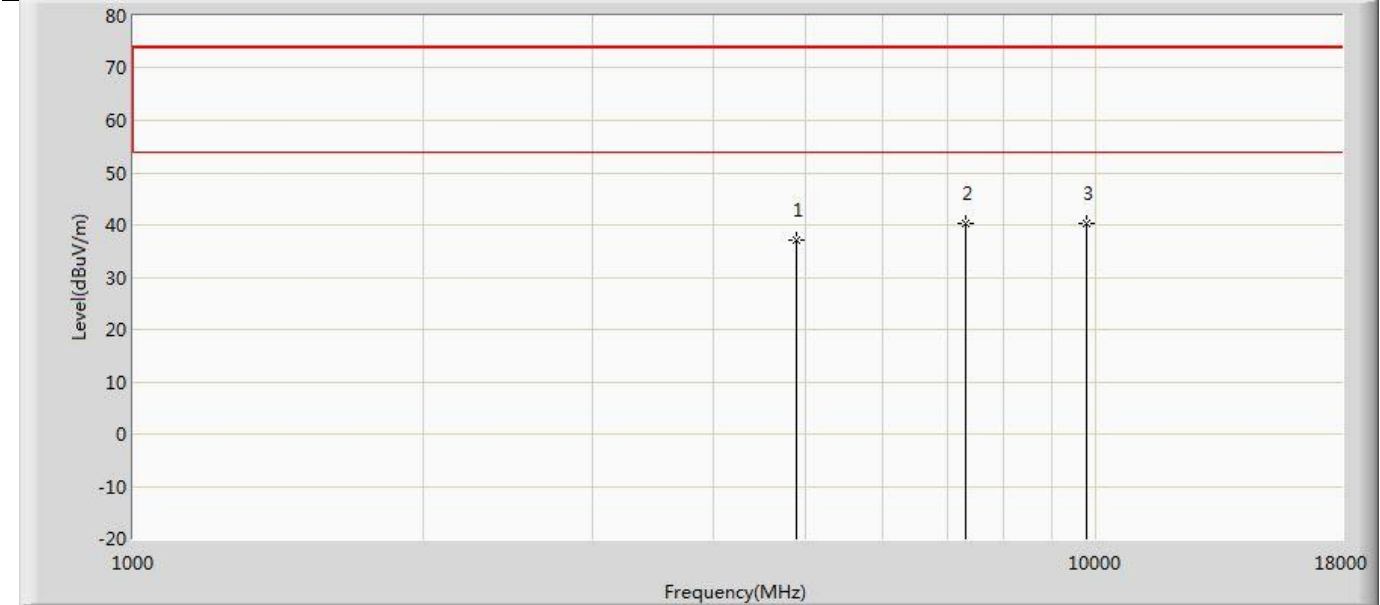
Profile: 22A0147R	Page No.: 20
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode :Transmit at 2402MHz by 1Mbps(GFSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	36.126	41.921	-37.874	74.000	-5.795	PK
2		7206.000	38.075	41.101	-35.925	74.000	-3.026	PK
3	*	9608.000	41.547	43.801	-32.453	74.000	-2.254	PK



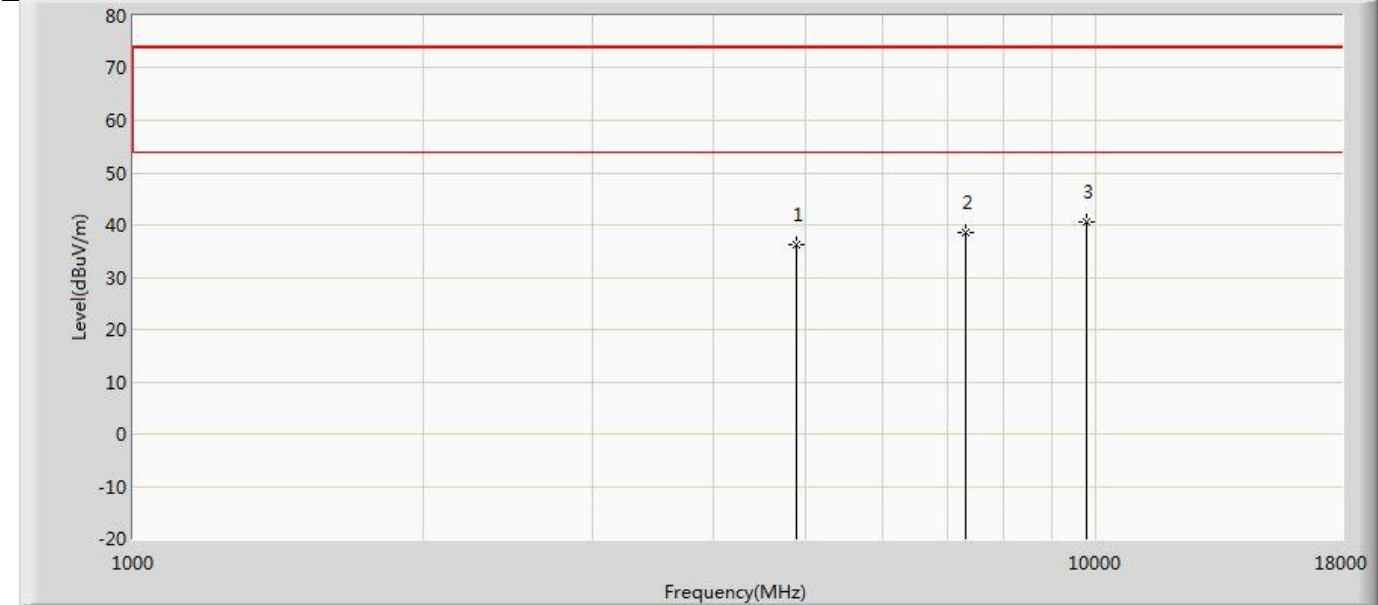
Profile: 22A0147R	Page No.: 21
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode :Transmit at 2441MHz by 1Mbps(GFSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4882.000	37.087	42.925	-36.913	74.000	-5.838	PK
2		7323.000	40.192	43.645	-33.808	74.000	-3.452	PK
3	*	9764.000	40.201	42.120	-33.799	74.000	-1.920	PK

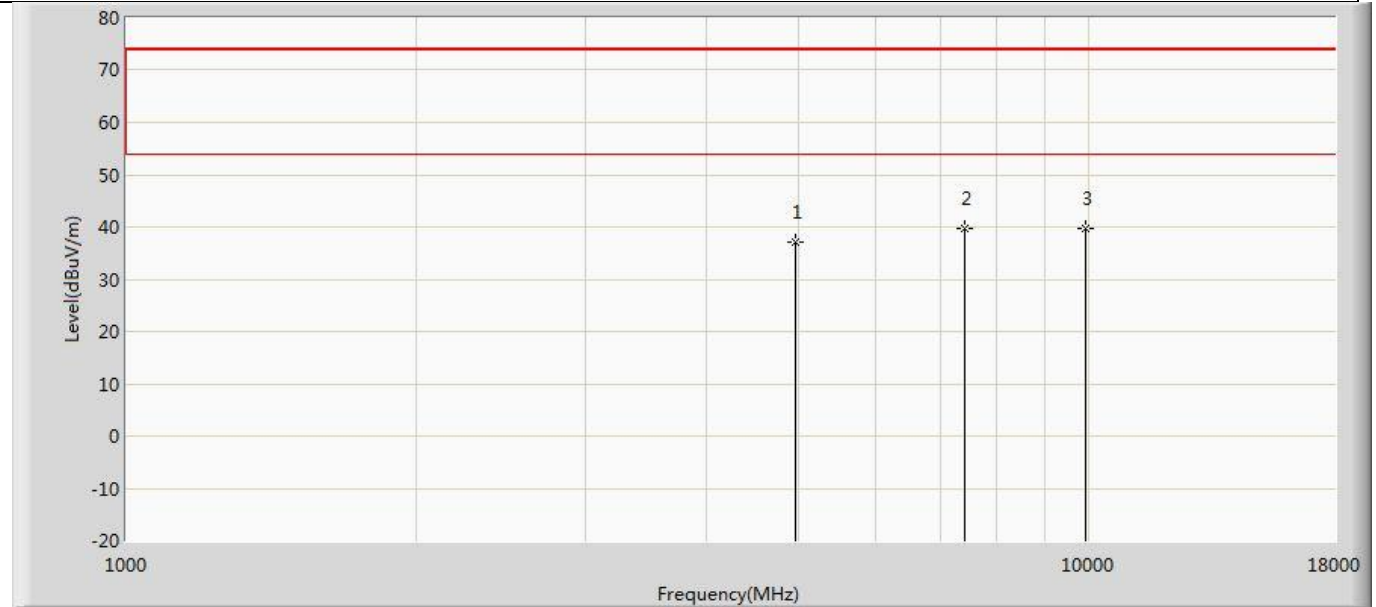


Profile: 22A0147R	Page No.: 22
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode :Transmit at 2441MHz by 1Mbps(GFSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4882.000	36.274	42.112	-37.726	74.000	-5.838	PK
2		7323.000	38.454	41.907	-35.546	74.000	-3.452	PK
3	*	9764.000	40.467	42.386	-33.533	74.000	-1.920	PK

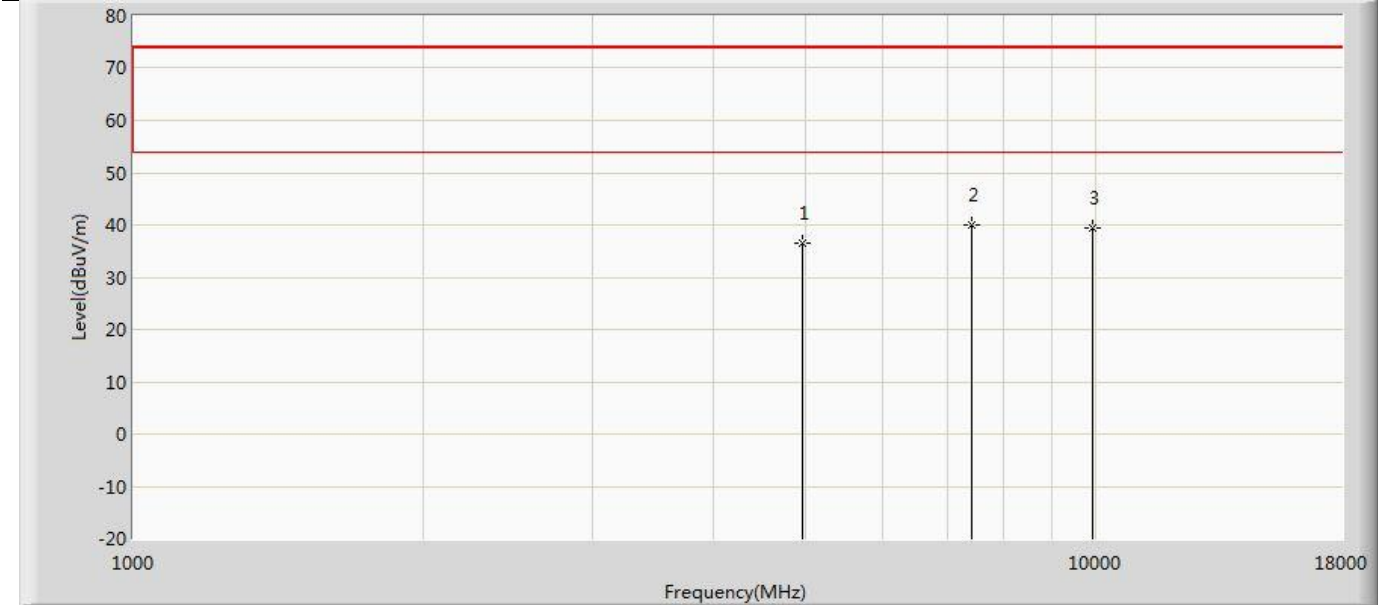
Profile: 22A0147R	Page No.: 23
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode :Transmit at 2480MHz by 1Mbps(GFSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	36.971	42.568	-37.029	74.000	-5.598	PK
2		7440.000	39.687	42.853	-34.313	74.000	-3.166	PK
3	*	9920.000	39.755	41.446	-34.245	74.000	-1.690	PK



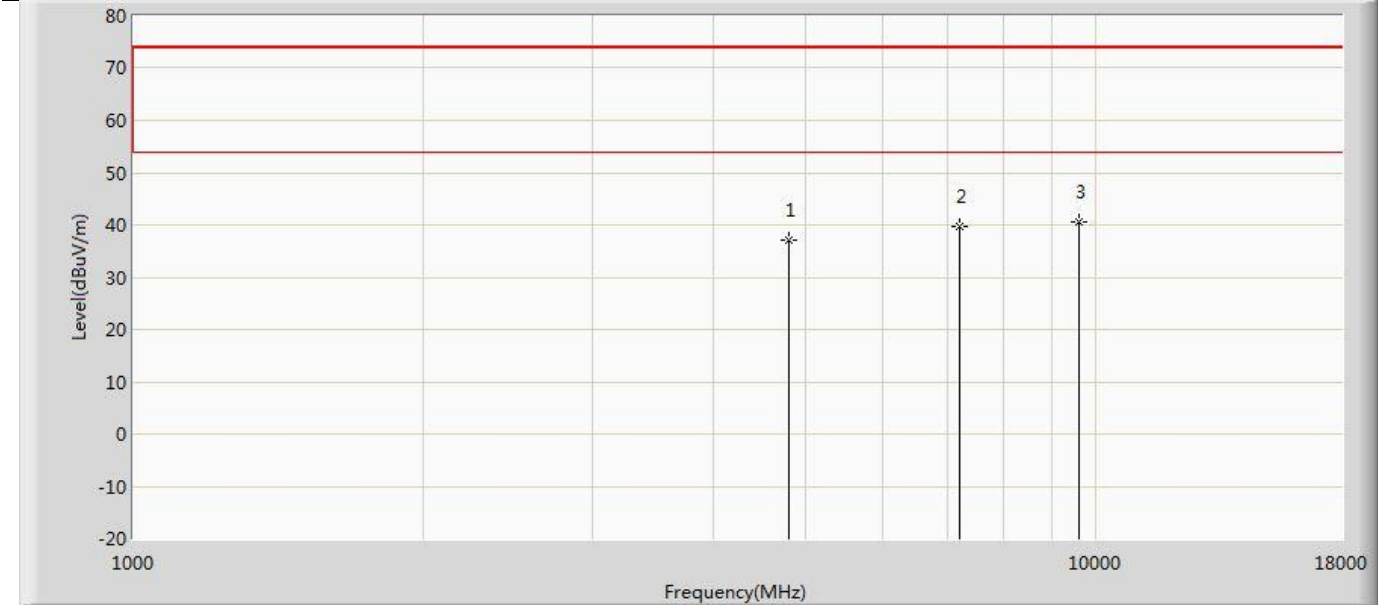
Profile: 22A0147R	Page No.: 24
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode :Transmit at 2480MHz by 1Mbps(GFSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	36.565	42.162	-37.435	74.000	-5.598	PK
2	*	7440.000	40.001	43.167	-33.999	74.000	-3.166	PK
3		9920.000	39.513	41.204	-34.487	74.000	-1.690	PK



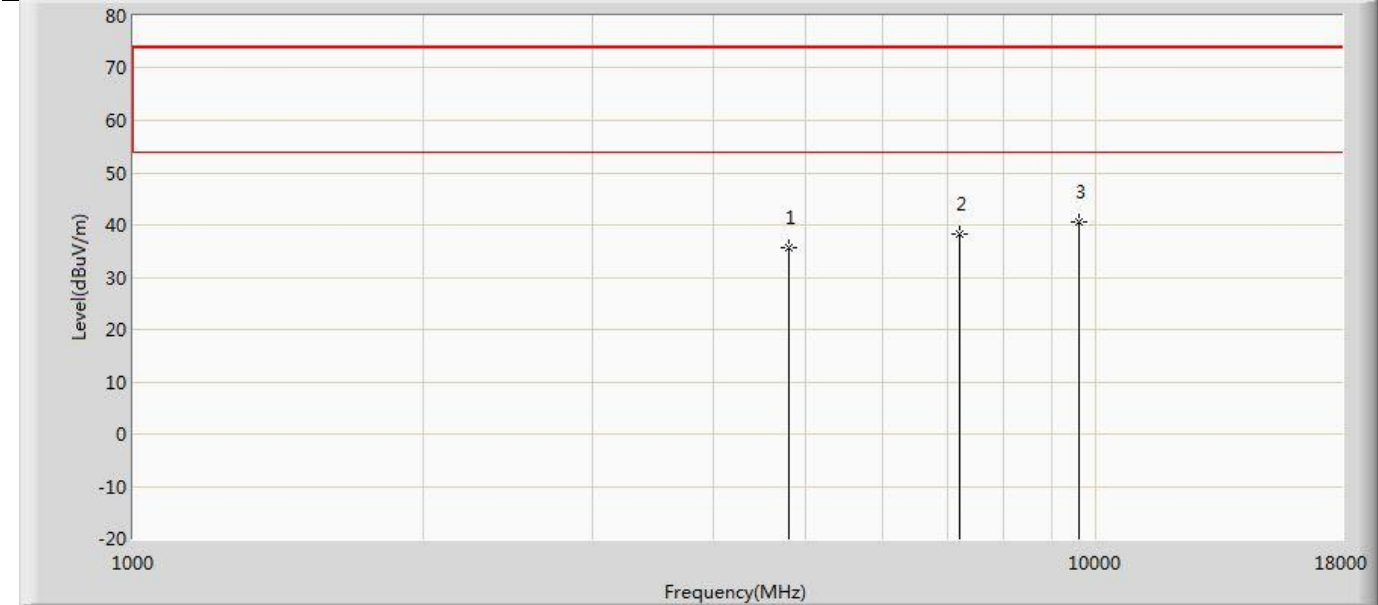
Profile: 22A0147R	Page No.: 25
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode :Transmit at 2402MHz by 2Mbps(Pi/4 DQPSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	37.179	42.974	-36.821	74.000	-5.795	PK
2		7206.000	39.735	42.761	-34.265	74.000	-3.026	PK
3	*	9608.000	40.500	42.754	-33.500	74.000	-2.254	PK

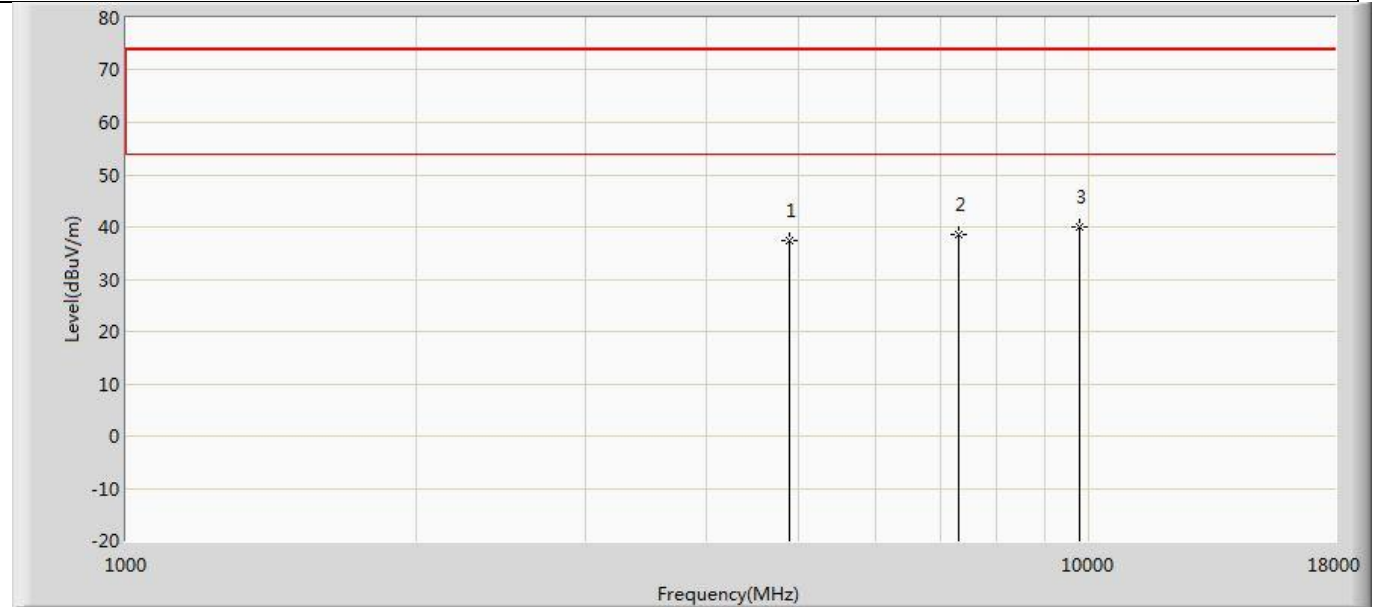


Profile: 22A0147R	Page No.: 26
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode :Transmit at 2402MHz by 2Mbps(Pi/4 DQPSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	35.767	41.562	-38.233	74.000	-5.795	PK
2		7206.000	38.174	41.200	-35.826	74.000	-3.026	PK
3	*	9608.000	40.618	42.872	-33.382	74.000	-2.254	PK

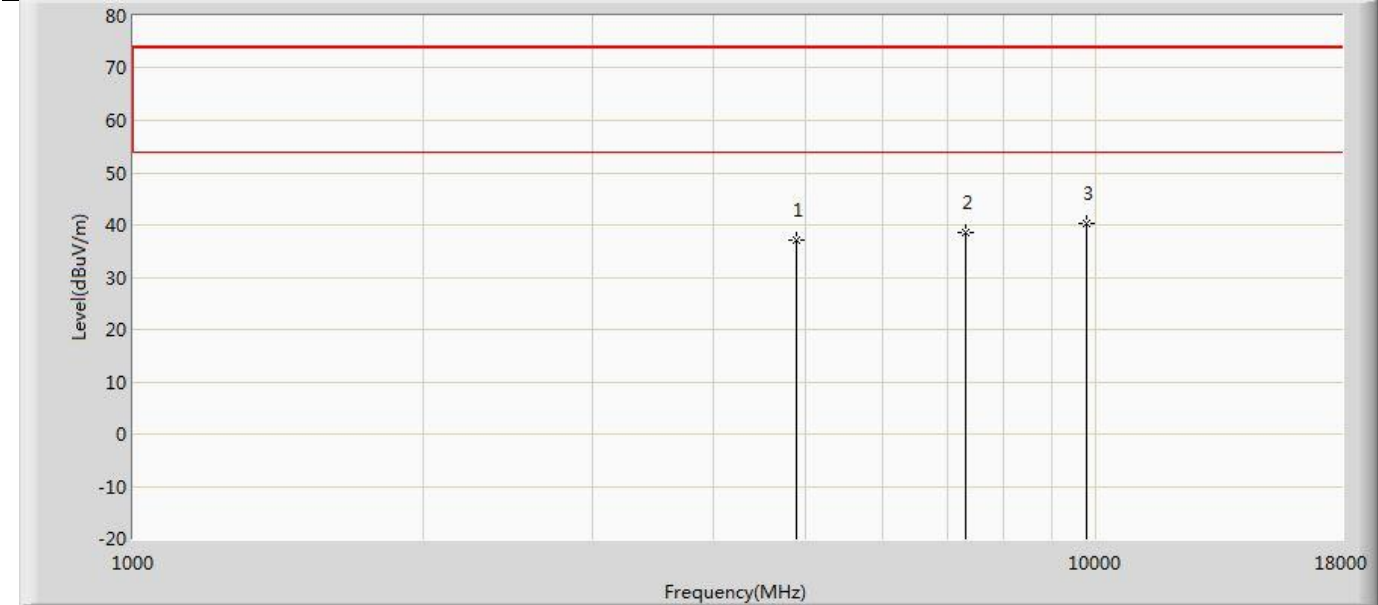
Profile: 22A0147R	Page No.: 27
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode :Transmit at 2441MHz by 2Mbps(Pi/4 DQPSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4882.000	37.270	43.108	-36.730	74.000	-5.838	PK
2		7323.000	38.504	41.957	-35.496	74.000	-3.452	PK
3	*	9764.000	39.957	41.876	-34.043	74.000	-1.920	PK



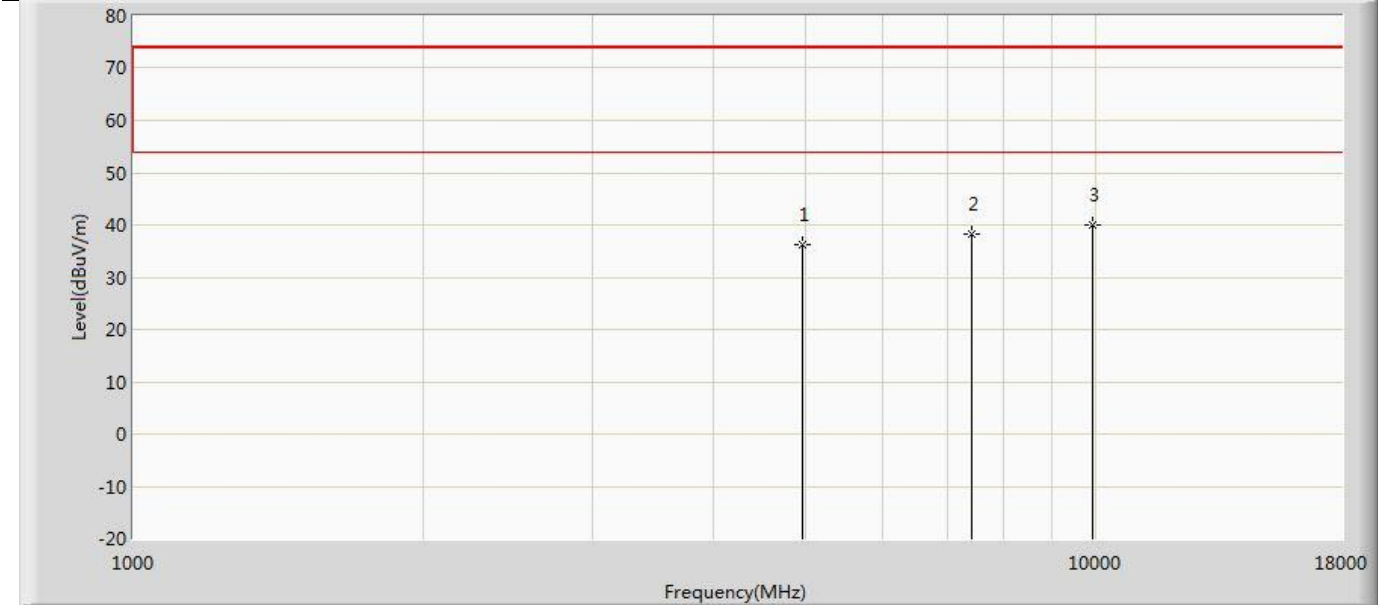
Profile: 22A0147R	Page No.: 28
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode :Transmit at 2441MHz by 2Mbps(Pi/4 DQPSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4882.000	36.993	42.831	-37.007	74.000	-5.838	PK
2		7323.000	38.498	41.951	-35.502	74.000	-3.452	PK
3	*	9764.000	40.243	42.162	-33.757	74.000	-1.920	PK

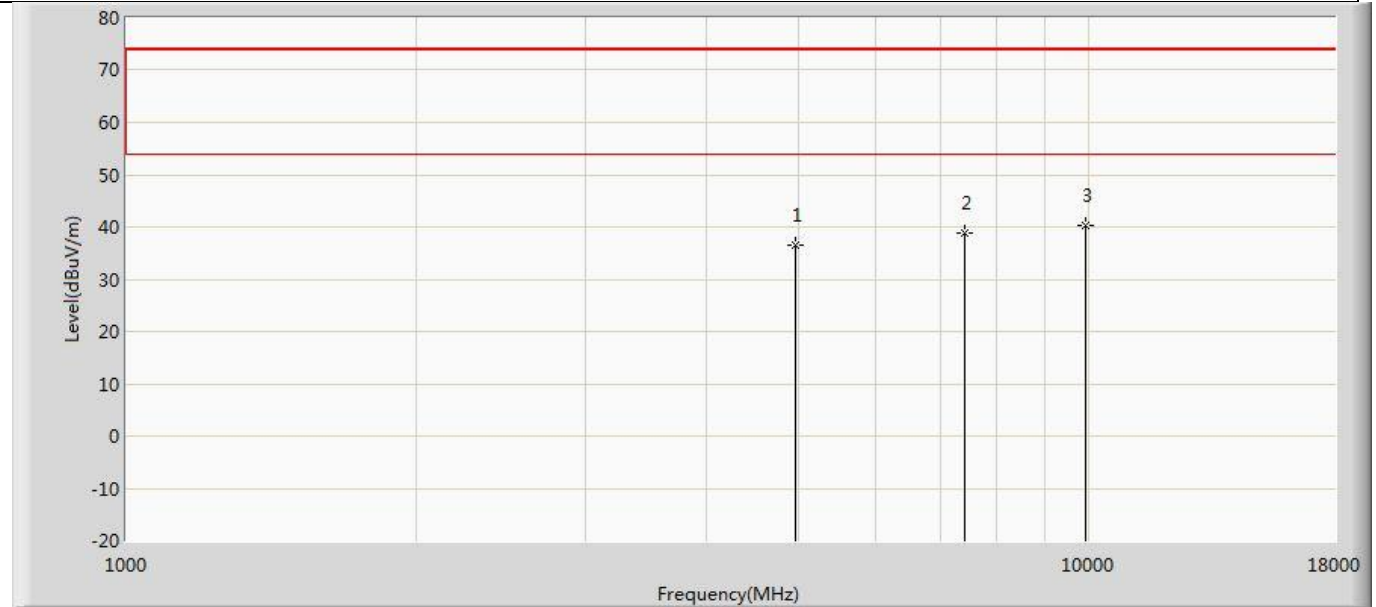


Profile: 22A0147R	Page No.: 29
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode :Transmit at 2480MHz by 2Mbps(Pi/4 DQPSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	36.259	41.856	-37.741	74.000	-5.598	PK
2		7440.000	38.385	41.551	-35.615	74.000	-3.166	PK
3	*	9920.000	39.857	41.548	-34.143	74.000	-1.690	PK

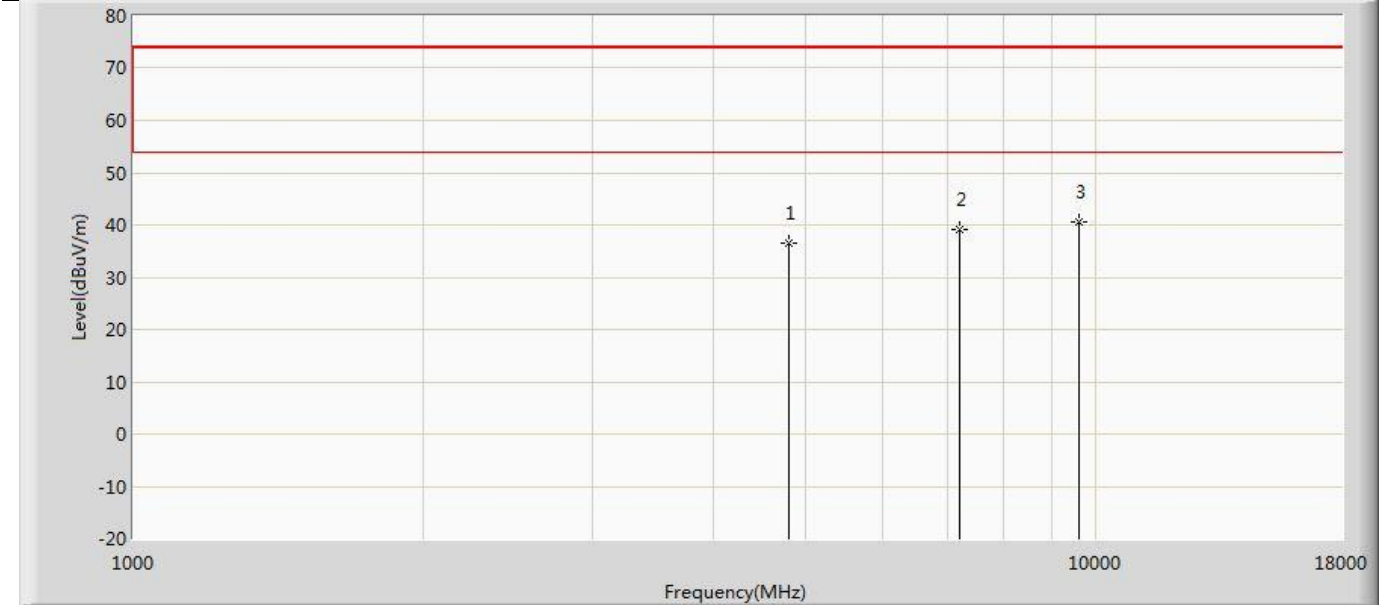
Profile: 22A0147R	Page No.: 30
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode :Transmit at 2480MHz by 2Mbps(Pi/4 DQPSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	36.629	42.226	-37.371	74.000	-5.598	PK
2		7440.000	38.814	41.980	-35.186	74.000	-3.166	PK
3	*	9920.000	40.337	42.028	-33.663	74.000	-1.690	PK



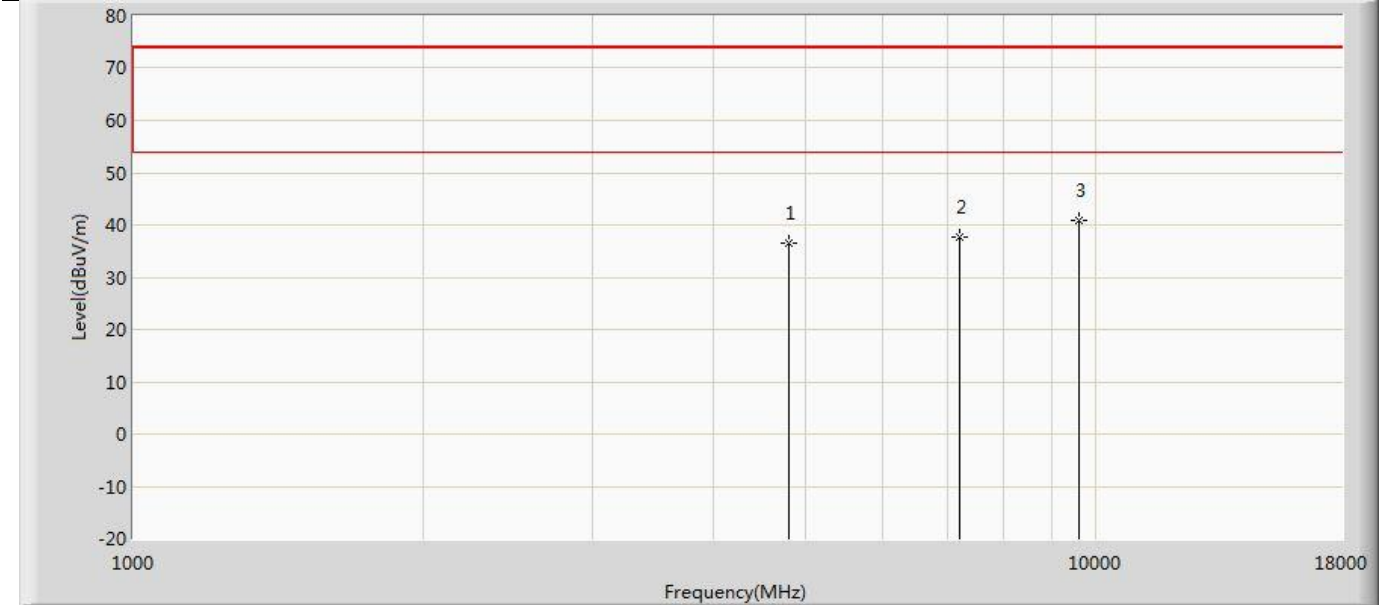
Profile: 22A0147R	Page No.: 31
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode :Transmit at 2402MHz by 3Mbps(8DPSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	36.661	42.456	-37.339	74.000	-5.795	PK
2		7206.000	39.120	42.146	-34.880	74.000	-3.026	PK
3	*	9608.000	40.478	42.732	-33.522	74.000	-2.254	PK



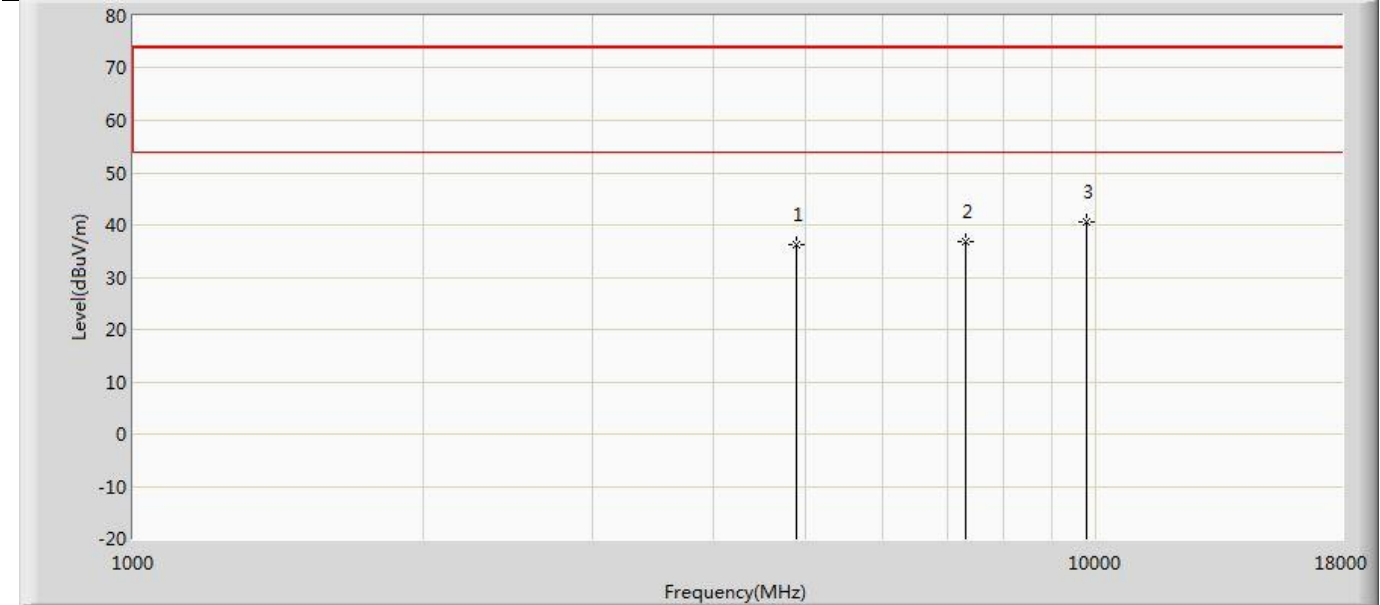
Profile: 22A0147R	Page No.: 32
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode :Transmit at 2402MHz by 3Mbps(8DPSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	36.581	42.376	-37.419	74.000	-5.795	PK
2		7206.000	37.730	40.756	-36.270	74.000	-3.026	PK
3	*	9608.000	40.970	43.224	-33.030	74.000	-2.254	PK



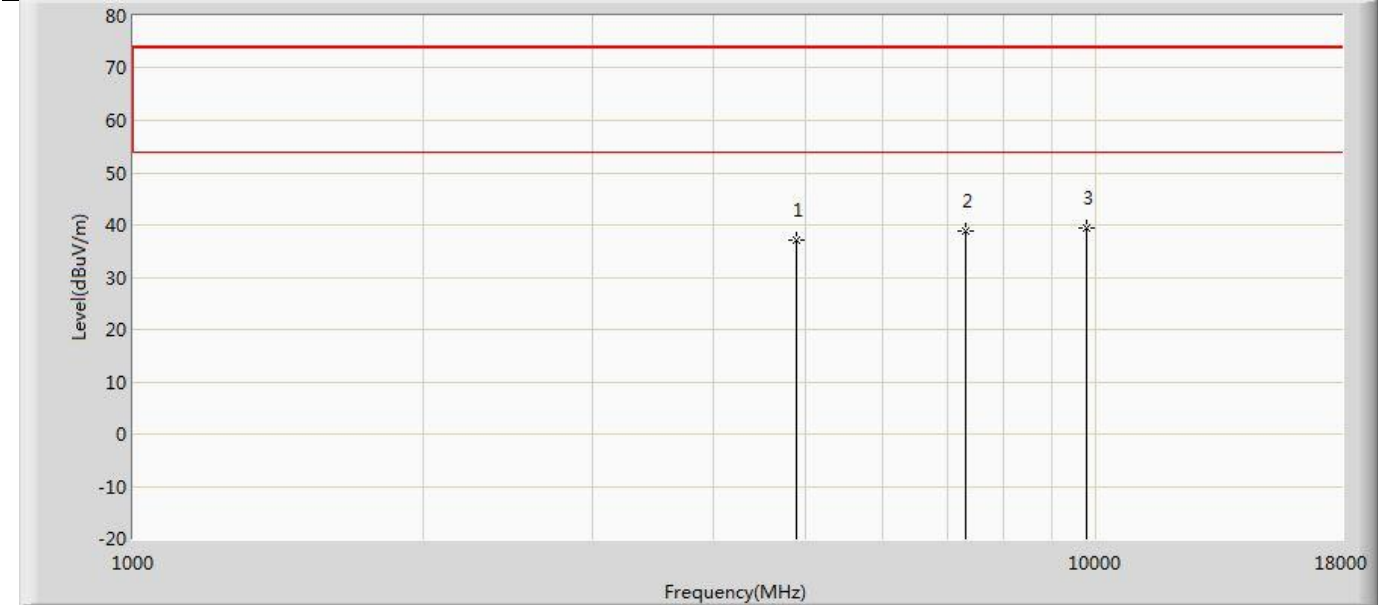
Profile: 22A0147R	Page No.: 33
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode :Transmit at 2441MHz by 3Mbps(8DPSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4882.000	36.148	41.986	-37.852	74.000	-5.838	PK
2		7323.000	36.890	40.343	-37.110	74.000	-3.452	PK
3	*	9764.000	40.717	42.636	-33.283	74.000	-1.920	PK



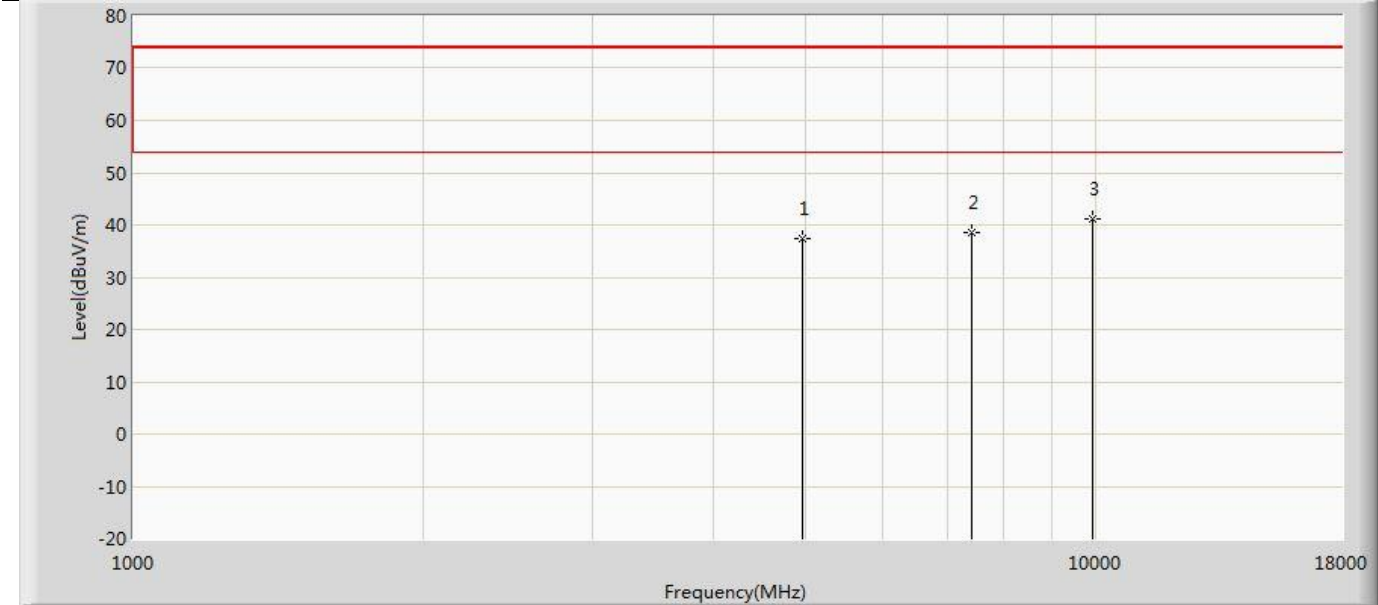
Profile: 22A0147R	Page No.: 34
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode :Transmit at 2441MHz by 3Mbps(8DPSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4882.000	37.002	42.840	-36.998	74.000	-5.838	PK
2		7323.000	38.788	42.241	-35.212	74.000	-3.452	PK
3	*	9764.000	39.374	41.293	-34.626	74.000	-1.920	PK

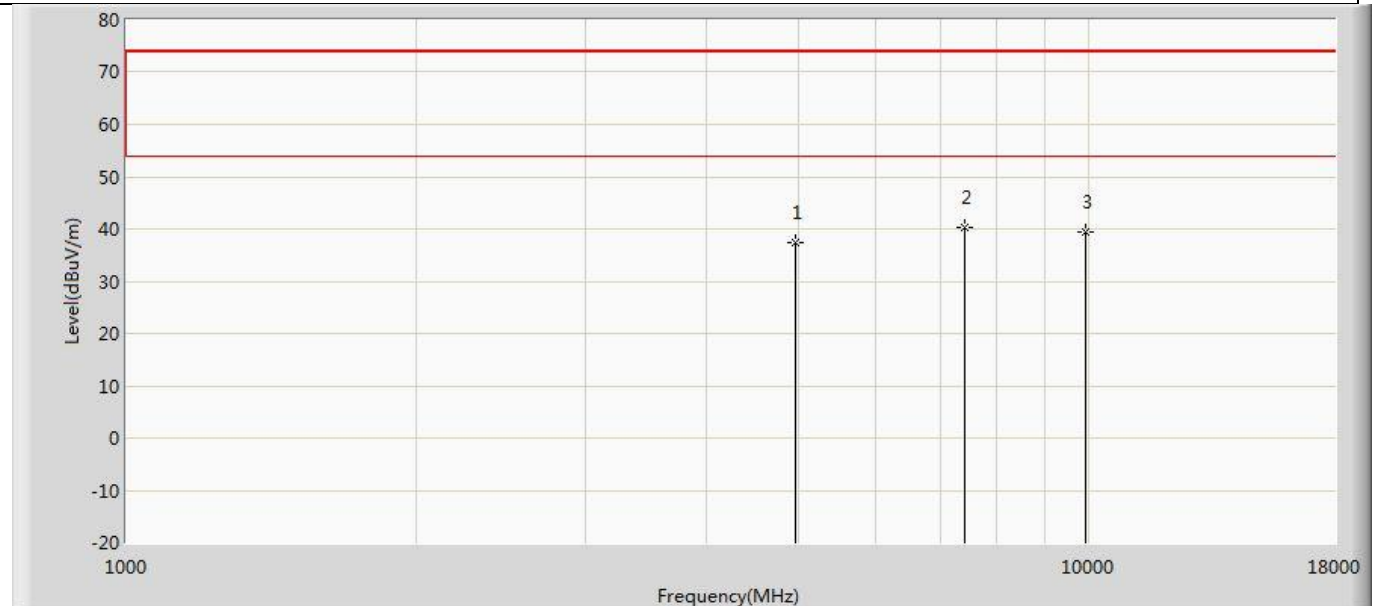


Profile: 22A0147R	Page No.: 35
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode :Transmit at 2480MHz by 3Mbps(8DPSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	37.259	42.856	-36.741	74.000	-5.598	PK
2		7440.000	38.686	41.852	-35.314	74.000	-3.166	PK
3	*	9920.000	41.145	42.836	-32.855	74.000	-1.690	PK

Profile: 22A0147R	Page No.: 36
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 04:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode :Transmit at 2480MHz by 3Mbps(8DPSK_DH5)	



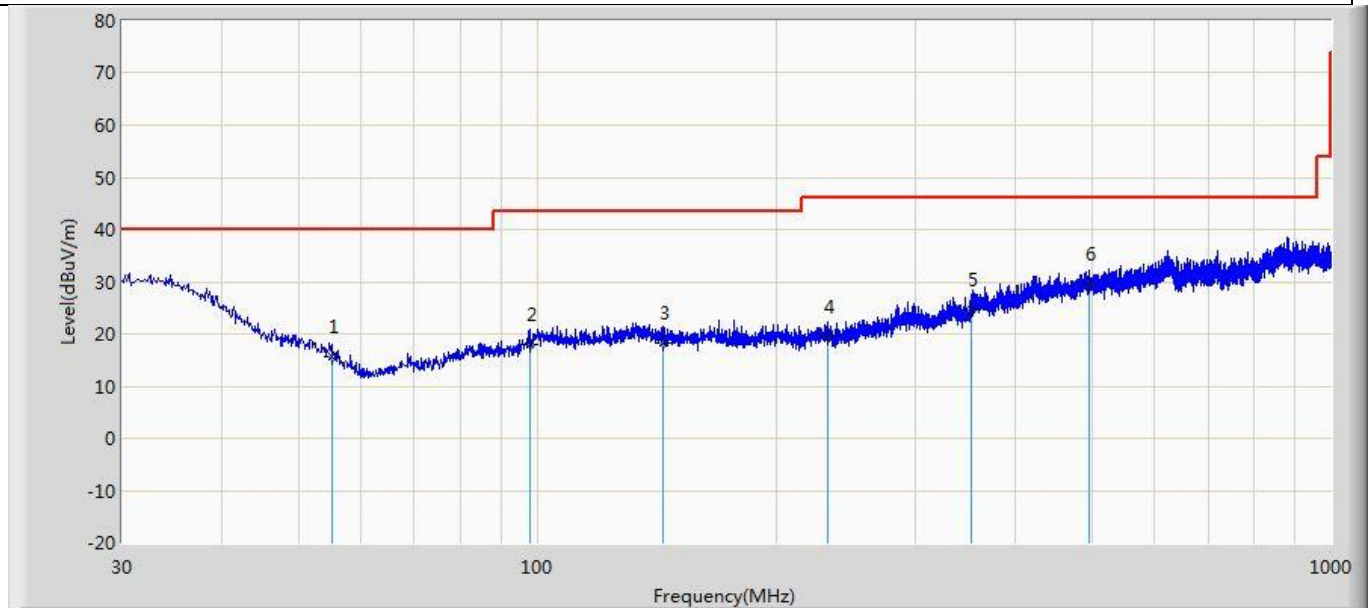
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	37.292	42.889	-36.708	74.000	-5.598	PK
2	*	7440.000	40.312	43.478	-33.688	74.000	-3.166	PK
3		9920.000	39.420	41.111	-34.580	74.000	-1.690	PK

Note:

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, worst case are at least 20dB below the limits, therefore no data appear in the report.
3. The test frequency range, 18GHz~26GHz test result on peak is lower than average limit, all is the noise base, therefore no data appear in the report.
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.
5. As the radiated emission was performed, so conducted emission was not tested.

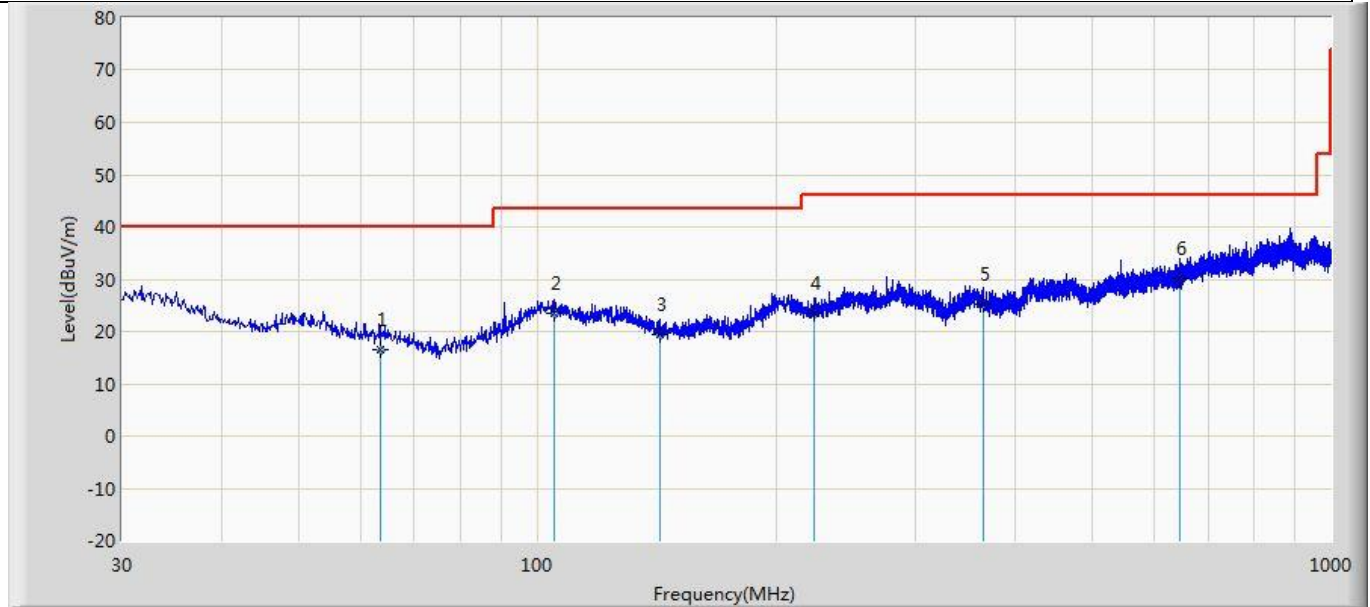
The worst case of Radiated Emission below 1GHz:

Profile: 22A0147R	Page No.: 121
Engineer: RenZhang	
Site: AC2	Time: 2022/10/26 - 22:32
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: AC2_3M(30-1000M)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Transmit at 2412MHz by 802.11b	



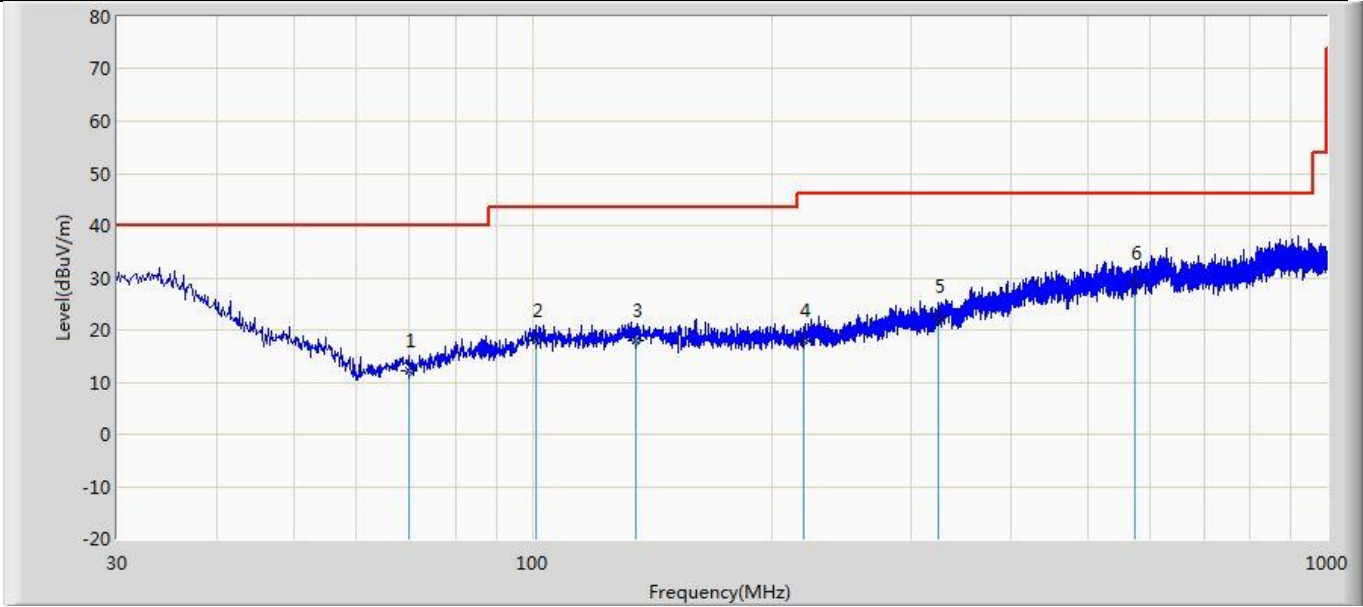
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		55.099	15.565	2.155	-24.435	40.000	13.411	QP
2		98.021	17.856	1.576	-25.644	43.500	16.280	QP
3		143.854	18.225	1.093	-25.275	43.500	17.132	QP
4		231.881	19.556	1.562	-26.444	46.000	17.994	QP
5		352.404	24.554	1.319	-21.446	46.000	23.236	QP
6	*	496.570	29.558	1.732	-16.442	46.000	27.826	QP

Profile: 22A0147R	Page No.: 122
Engineer: RenZhang	
Site: AC2	Time: 2022/10/26 - 22:39
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: AC2_3M(30-1000M)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Transmit at 2412MHz by 802.11b	



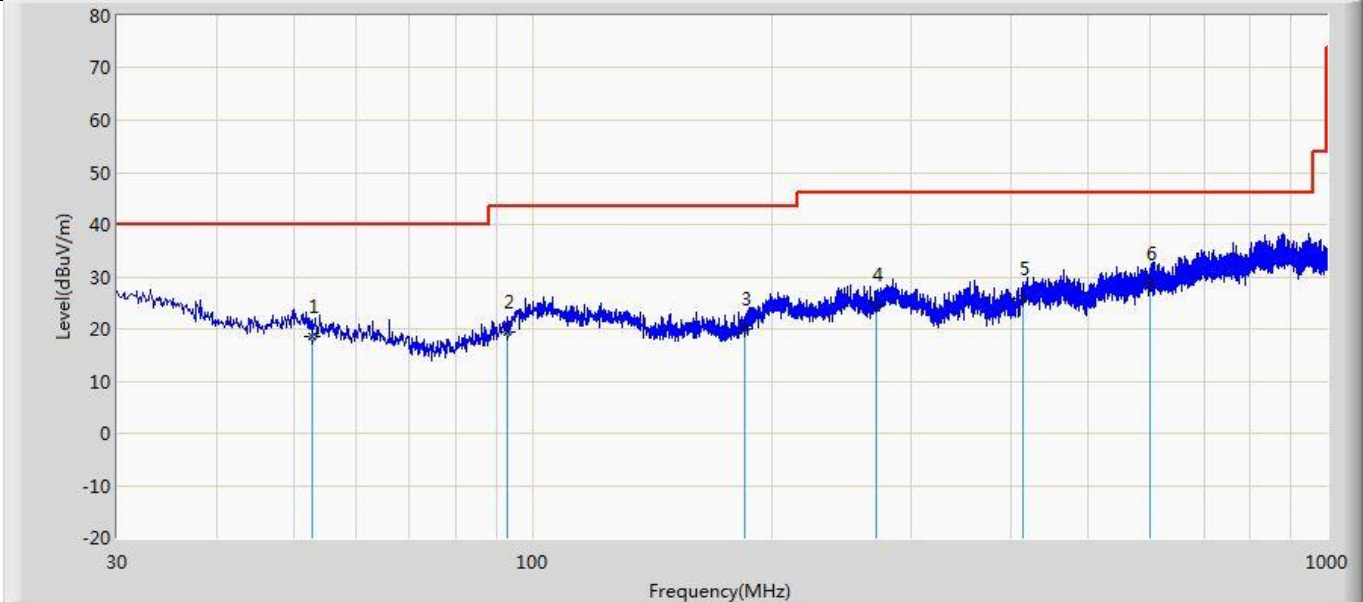
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		63.465	16.559	0.577	-23.441	40.000	15.982	QP
2		105.054	23.355	1.111	-20.145	43.500	22.243	QP
3		142.641	19.556	1.678	-23.944	43.500	17.878	QP
4		223.273	23.445	1.336	-22.555	46.000	22.109	QP
5		364.892	25.113	0.684	-20.887	46.000	24.429	QP
6	*	644.980	30.225	1.915	-15.775	46.000	28.310	QP

Profile: 22A0147R	Page No.: 123
Engineer: RenZhang	
Site: AC2	Time: 2022/10/26 - 22:43
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: AC2_3M(30-1000M)	Polarity: Horizontal
EUT: Automotive Infotainment System	Power: DC 12V
Note: Transmit at 5180MHz by 802.11a	



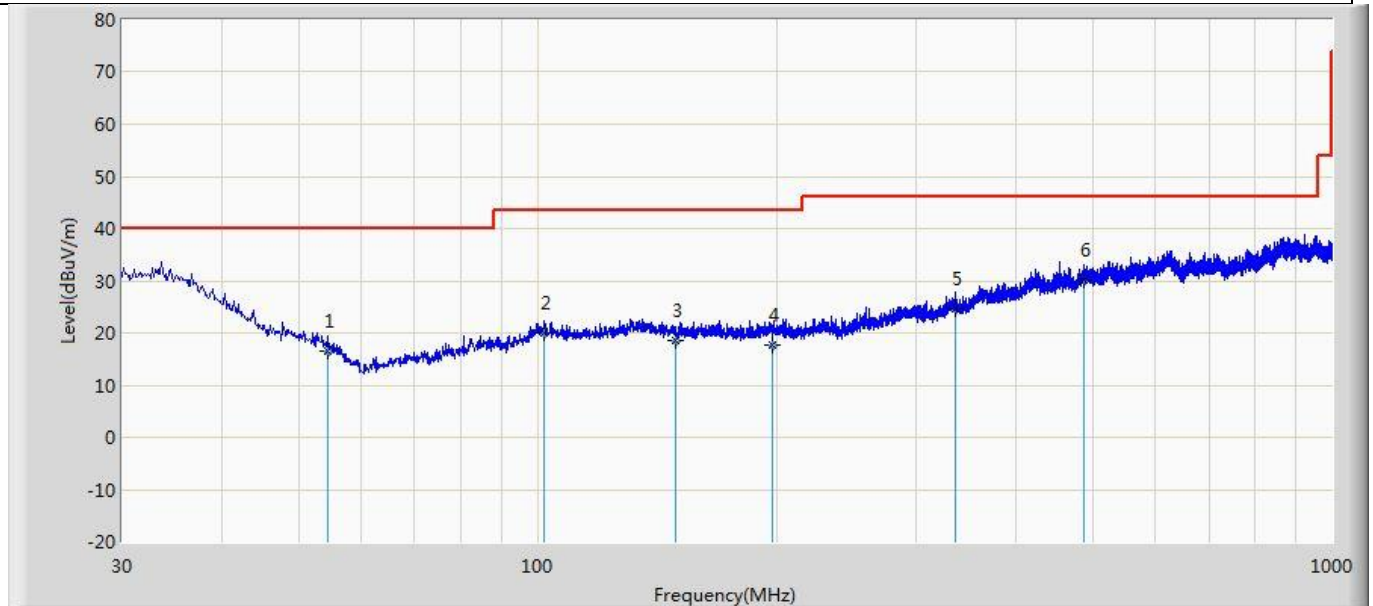
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		69.770	12.125	0.650	-27.875	40.000	11.475	QP
2		101.052	17.885	0.768	-25.615	43.500	17.117	QP
3		134.760	17.889	0.056	-25.611	43.500	17.833	QP
4		219.271	17.885	0.493	-28.115	46.000	17.393	QP
5		324.274	22.554	0.907	-23.446	46.000	21.647	QP
6	*	574.049	28.995	0.987	-17.005	46.000	28.008	QP

Profile: 22A0147R	Page No.: 124
Engineer: RenZhang	
Site: AC2	Time: 2022/10/26 - 22:47
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: AC2_3M(30-1000M)	Polarity: Vertical
EUT: Automotive Infotainment System	Power: DC 12V
Note: Transmit at 5180MHz by 802.11a	



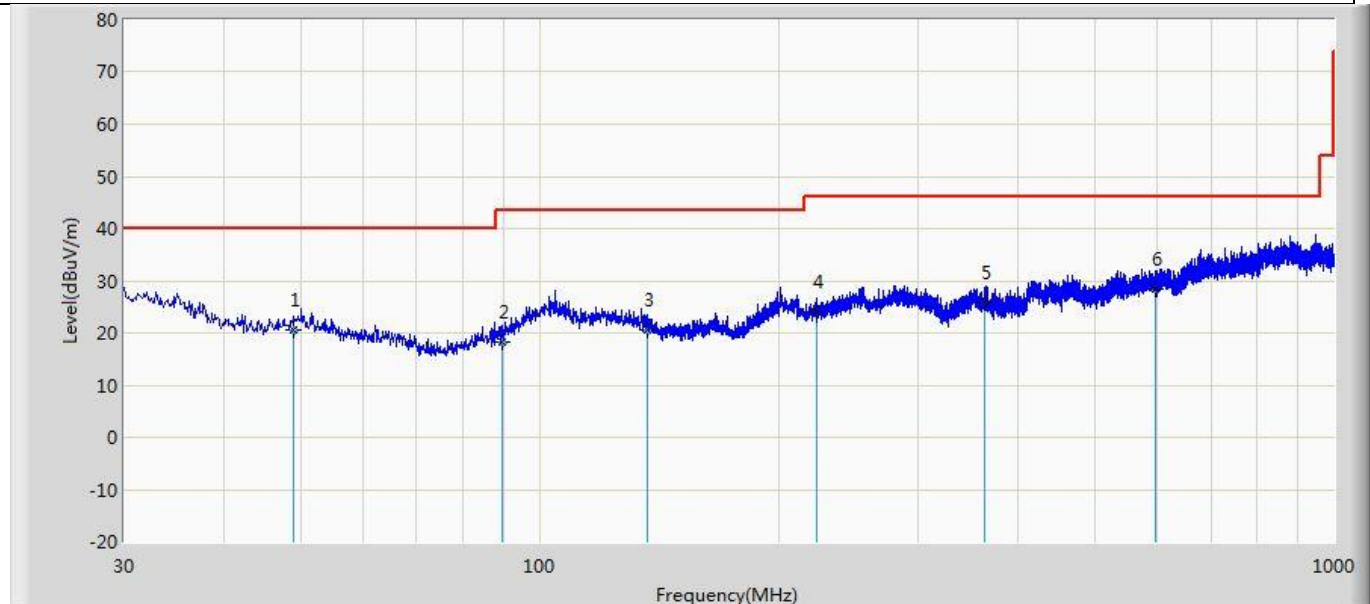
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		52.916	18.552	0.211	-21.448	40.000	18.341	QP
2		92.808	19.557	1.048	-23.943	43.500	18.509	QP
3		184.594	19.885	0.047	-23.615	43.500	19.838	QP
4		270.439	24.553	0.904	-21.447	46.000	23.649	QP
5		415.211	25.664	-0.499	-20.336	46.000	26.162	QP
6	*	598.299	28.551	0.921	-17.449	46.000	27.630	QP

Profile: 22A0147R	Page No.: 125
Engineer: RenZhang	
Site: AC2	Time: 2022/10/27 - 00:40
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: AC2_3M(30-1000M)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode :Transmit at 2402MHz by 1Mbps(GFSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		54.493	16.551	2.811	-23.449	40.000	13.740	QP
2		102.022	19.982	2.957	-23.518	43.500	17.025	QP
3		149.431	18.552	1.713	-24.948	43.500	16.839	QP
4		197.689	17.559	-0.111	-25.941	43.500	17.671	QP
5		335.793	24.553	1.733	-21.447	46.000	22.820	QP
6	*	486.991	30.112	2.169	-15.888	46.000	27.943	QP

Profile: 22A0147R	Page No.: 126
Engineer: RenZhang	
Site: AC2	Time: 2022/10/27 - 00:44
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: AC2_3M(30-1000M)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode :Transmit at 2402MHz by 1Mbps(GFSK_DH5)	



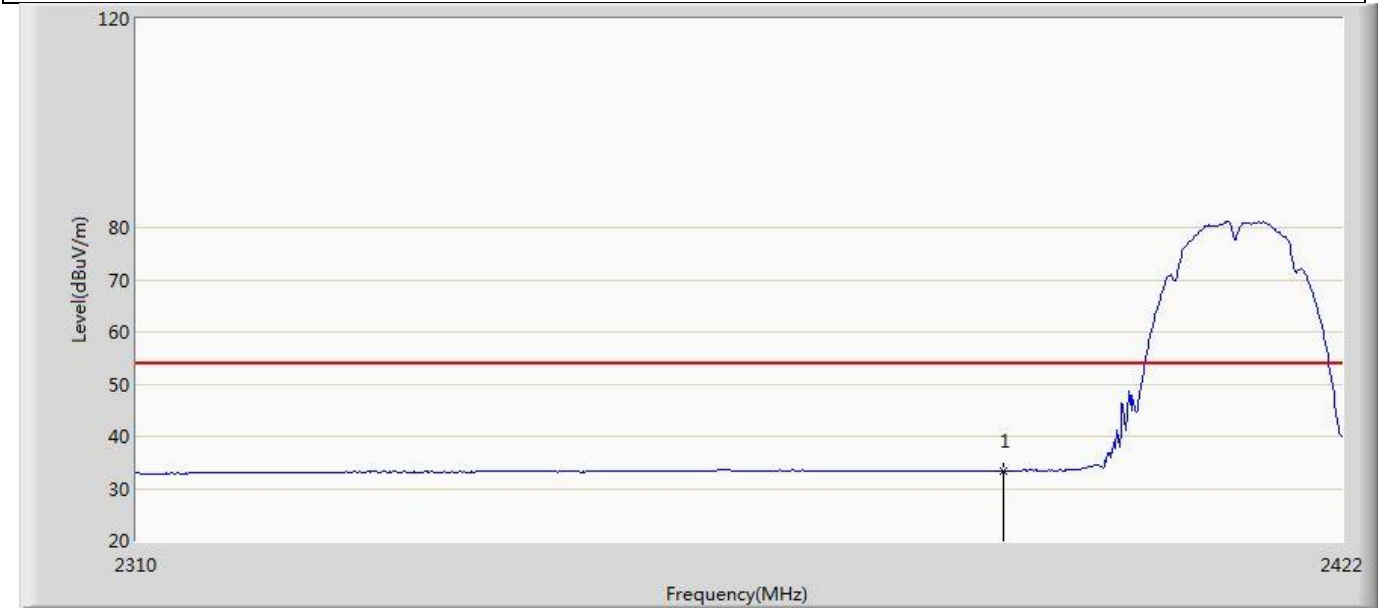
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		49.036	20.554	1.274	-19.446	40.000	19.281	QP
2		89.655	18.225	1.360	-25.275	43.500	16.865	QP
3		136.821	20.556	1.480	-22.944	43.500	19.076	QP
4		223.394	24.115	2.000	-21.885	46.000	22.116	QP
5		363.437	25.662	1.194	-20.338	46.000	24.468	QP
6	*	595.268	28.446	0.908	-17.554	46.000	27.538	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp)

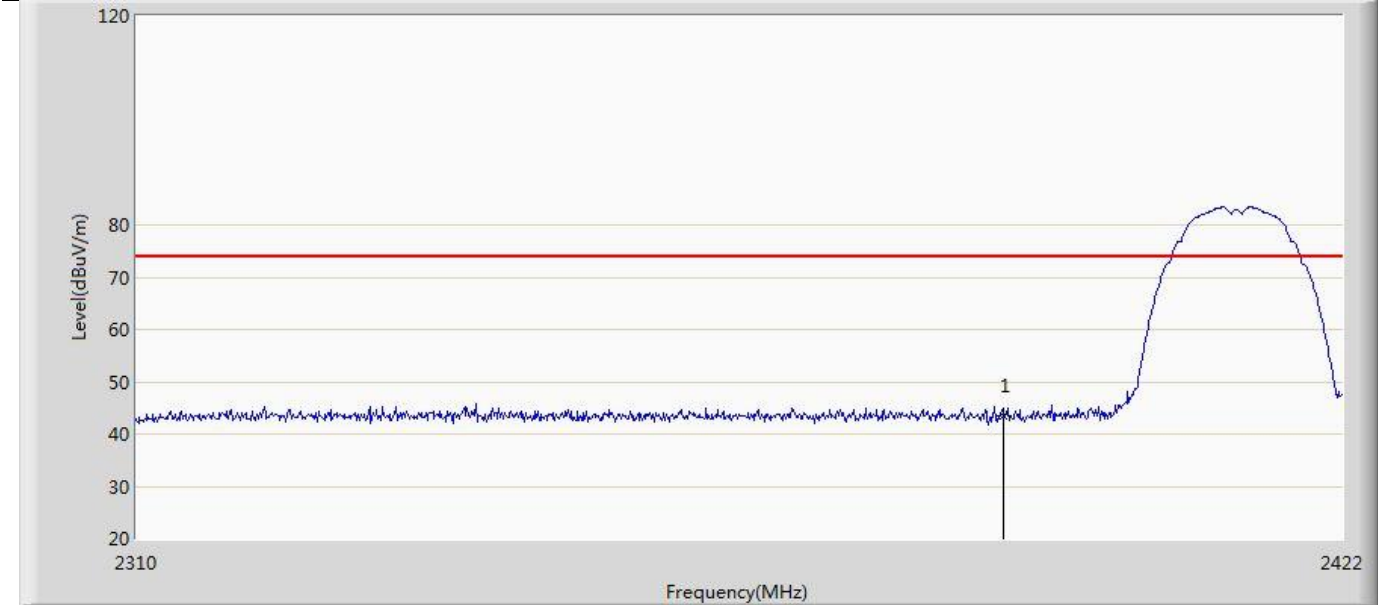
7 TEST RESULT-APPENDIX B: RADIATED EMISSION BAND EDGE

Profile: 22A0147R	Page No.: 1
Engineer: RenZhang	
Site: AC5	Time: 2022/10/25 - 21:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode:Transmit at 2412MHz by 802.11b	



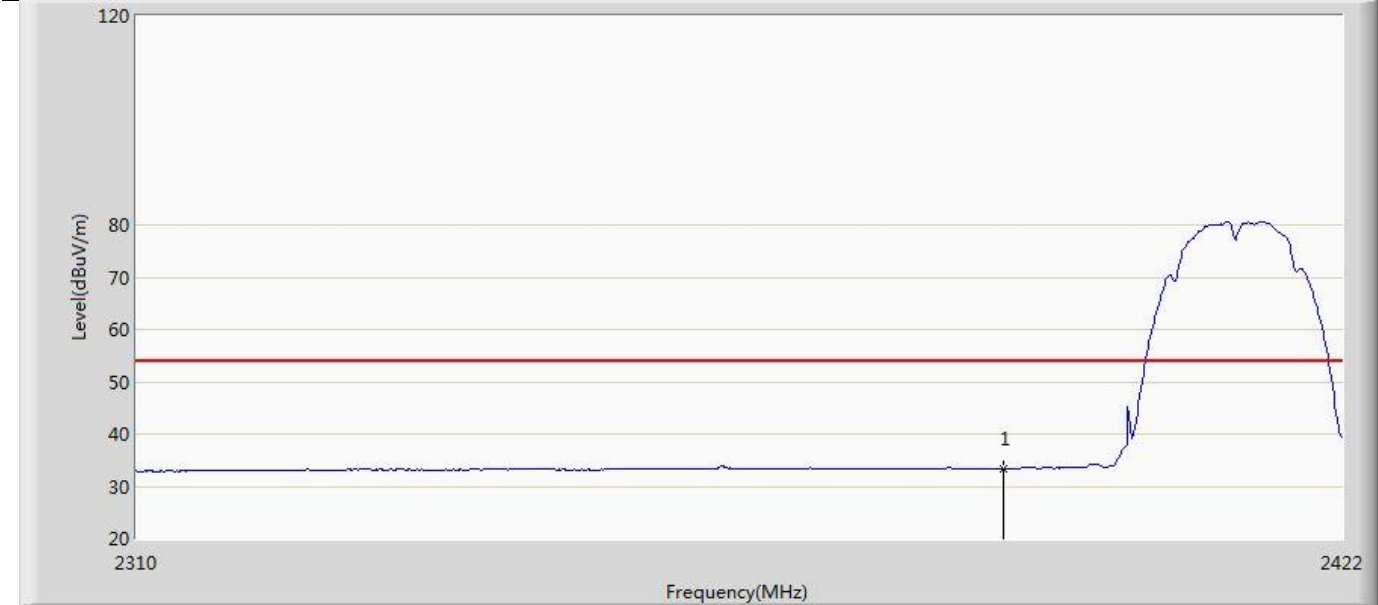
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2390.000	33.299	-0.706	-20.701	54.000	34.005	AV

Profile: 22A0147R	Page No.: 2
Engineer: RenZhang	
Site: AC5	Time: 2022/10/25 - 21:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode:Transmit at 2412MHz by 802.11b	



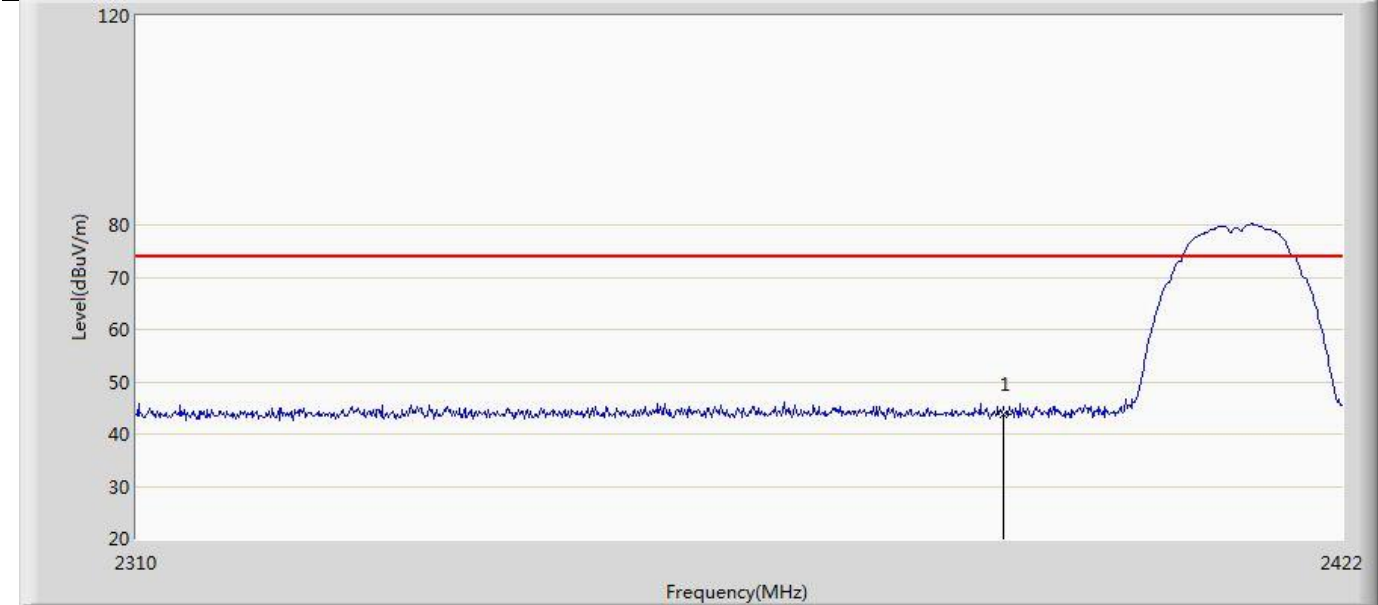
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2390.000	43.589	9.584	-30.411	74.000	34.005	PK

Profile: 22A0147R	Page No.: 3
Engineer: RenZhang	
Site: AC5	Time: 2022/10/25 - 21:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode: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	*	2390.000	33.291	-0.714	-20.709	54.000	34.005	AV

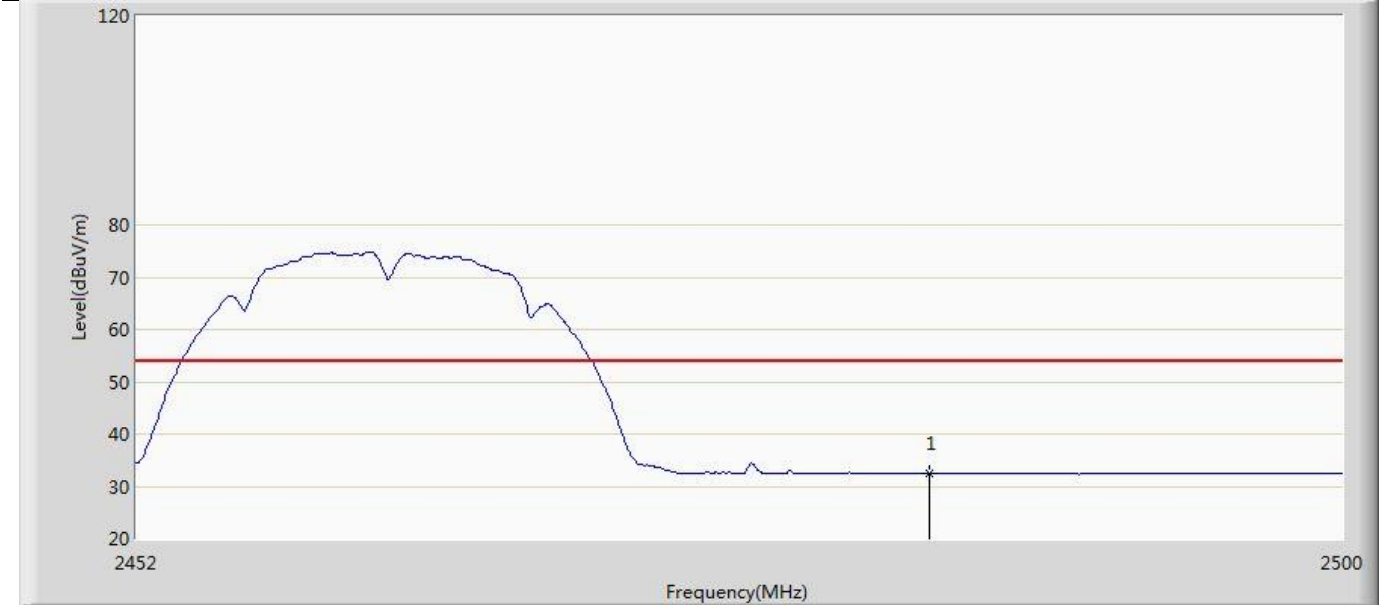
Profile: 22A0147R	Page No.: 4
Engineer: RenZhang	
Site: AC5	Time: 2022/10/25 - 21:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode:Transmit at 2412MHz by 802.11b	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2390.000	43.649	9.644	-30.351	74.000	34.005	PK

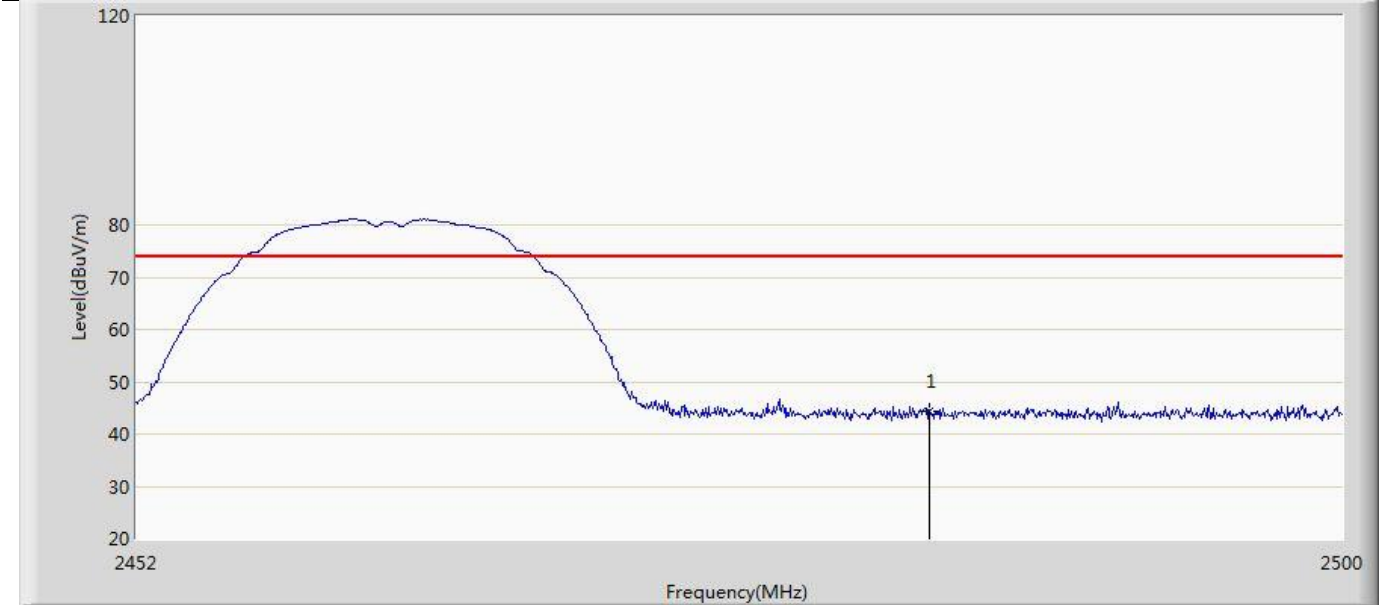


Profile: 22A0147R	Page No.: 5
Engineer: RenZhang	
Site: AC5	Time: 2022/10/25 - 21:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode:Transmit at 2462MHz by 802.11b	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2483.500	32.472	-1.749	-21.528	54.000	34.221	AV

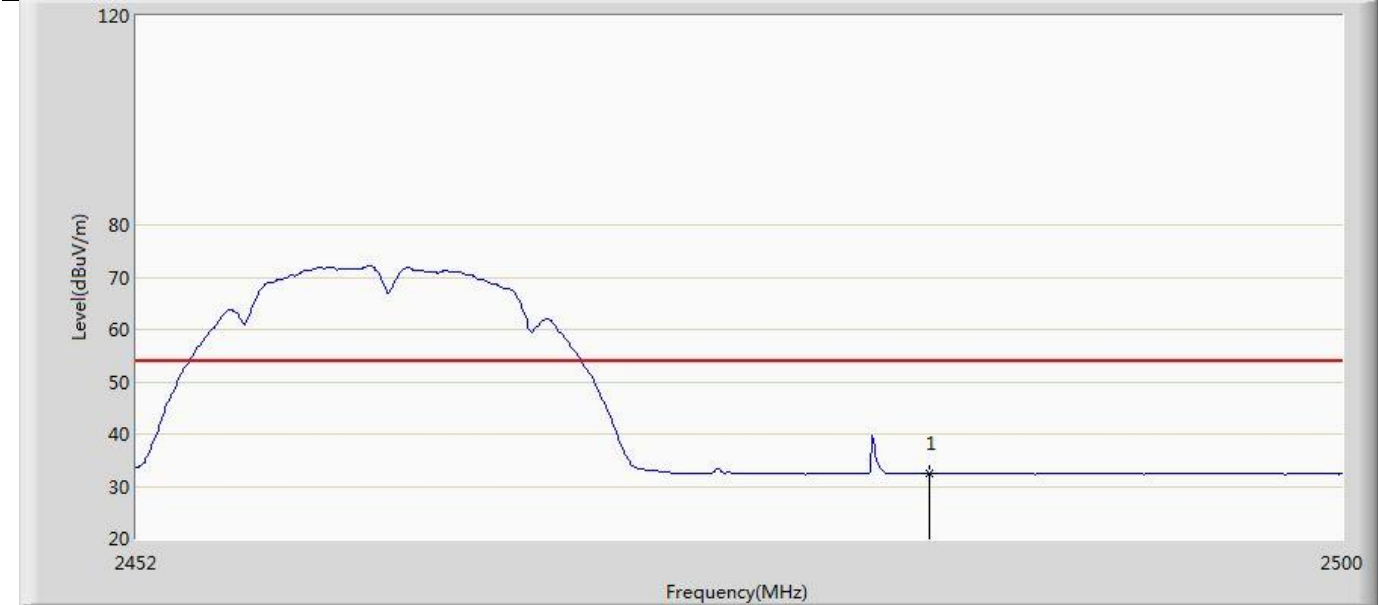
Profile: 22A0147R	Page No.: 6
Engineer: RenZhang	
Site: AC5	Time: 2022/10/25 - 21:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode:Transmit at 2462MHz by 802.11b	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2483.500	44.341	10.120	-29.659	74.000	34.221	PK

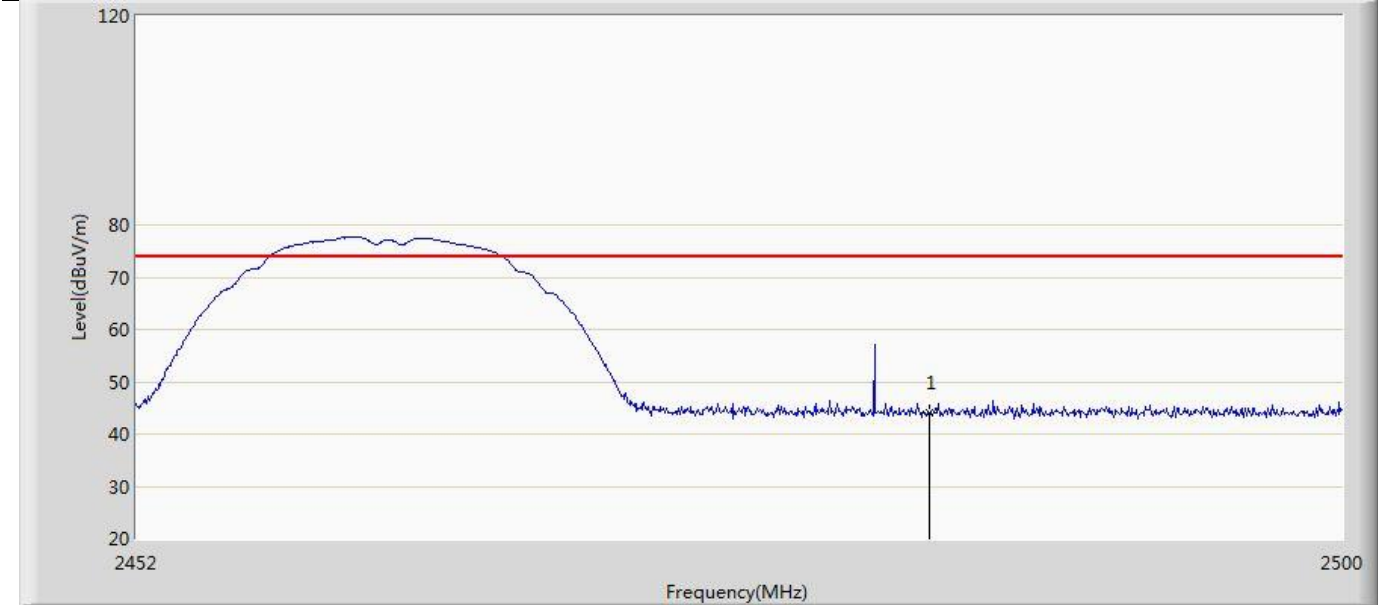


Profile: 22A0147R	Page No.: 7
Engineer: RenZhang	
Site: AC5	Time: 2022/10/25 - 21:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode:Transmit at 2462MHz by 802.11b	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2483.500	32.403	-1.818	-21.597	54.000	34.221	AV

Profile: 22A0147R	Page No.: 8
Engineer: RenZhang	
Site: AC5	Time: 2022/10/25 - 21:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q HIGH LF2	Power: DC 12V
Note: Mode: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	*	2483.500	44.034	9.813	-29.966	74.000	34.221	PK