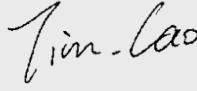
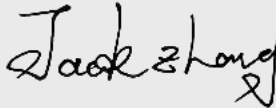


Test report No:

22A0153R-RF-FCC&ISED-P01V01

FCC&ISED TEST REPORT

Product Name	Automotive Infotainment System
Trademark	Mercedes-Benz
Model and /or type reference	NTG7Q PREMIUM LF2
FCC ID	2AOUZNTG7QPSELF2
ISED	30650-NTG7QPSELF2
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
22A0153R-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 PERMIUM 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)

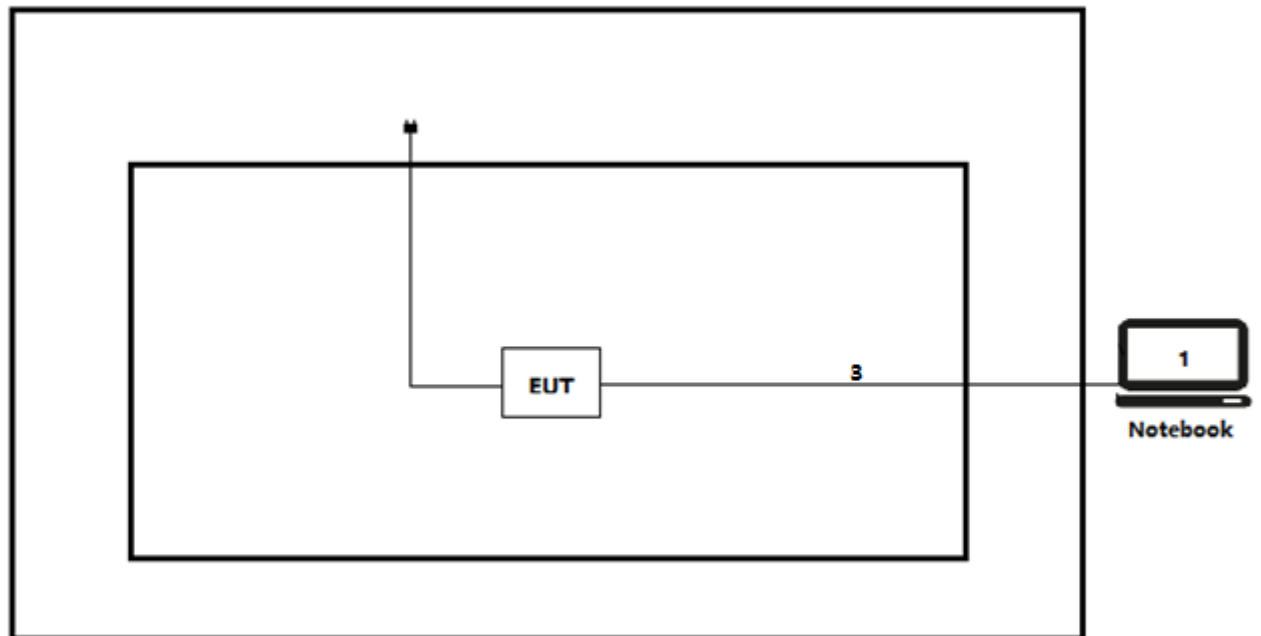
2.2 Auxiliary equipment /Accessories/Test software for the EUT

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	--	--	--

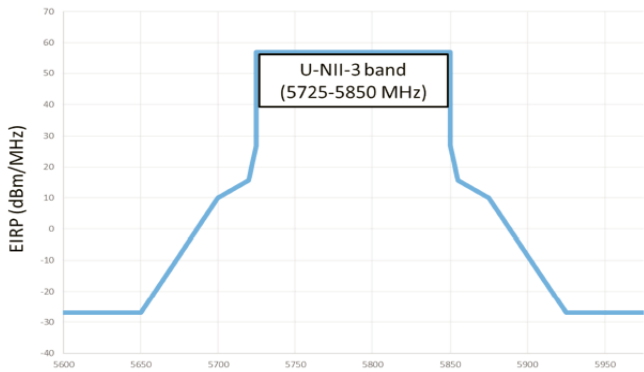
Restricted Band Emissions Limit

Frequency (MHz)	Field strength (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).

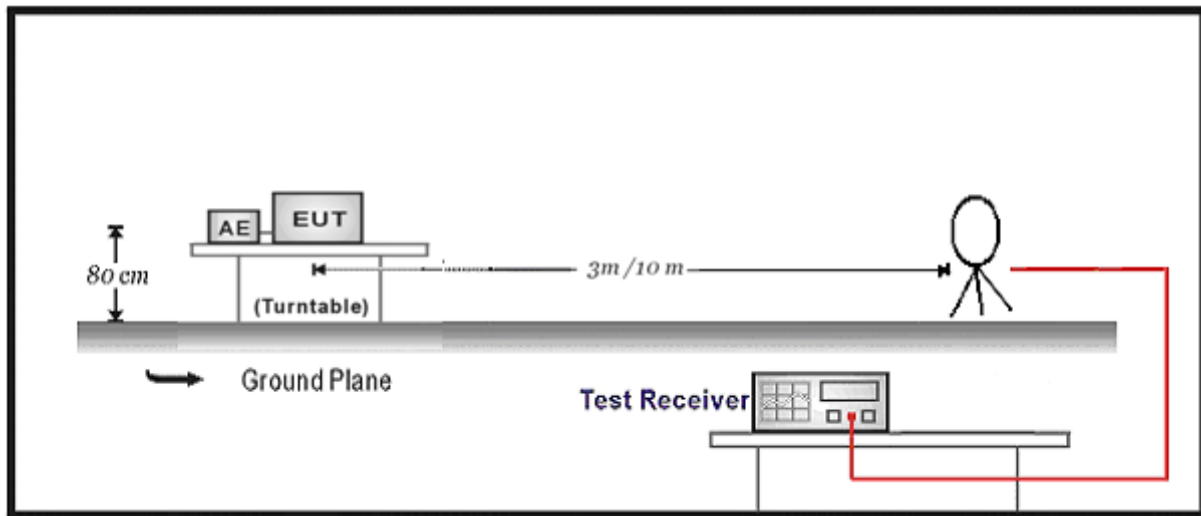
Note 2: At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated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

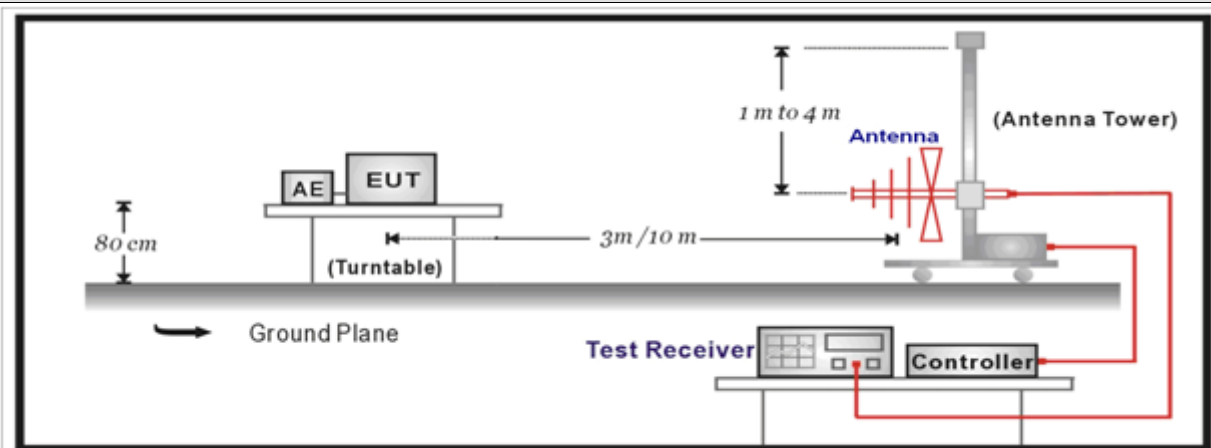
FCC Part 15 Subpart E Paragraph 15.407(5)(b) (Unrestricted Band Emissions Limit)		
Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dB μ V/m)
5150 - 5250	-27	68.3
Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	
5725 - 5850		

4.1.2 Test Setup

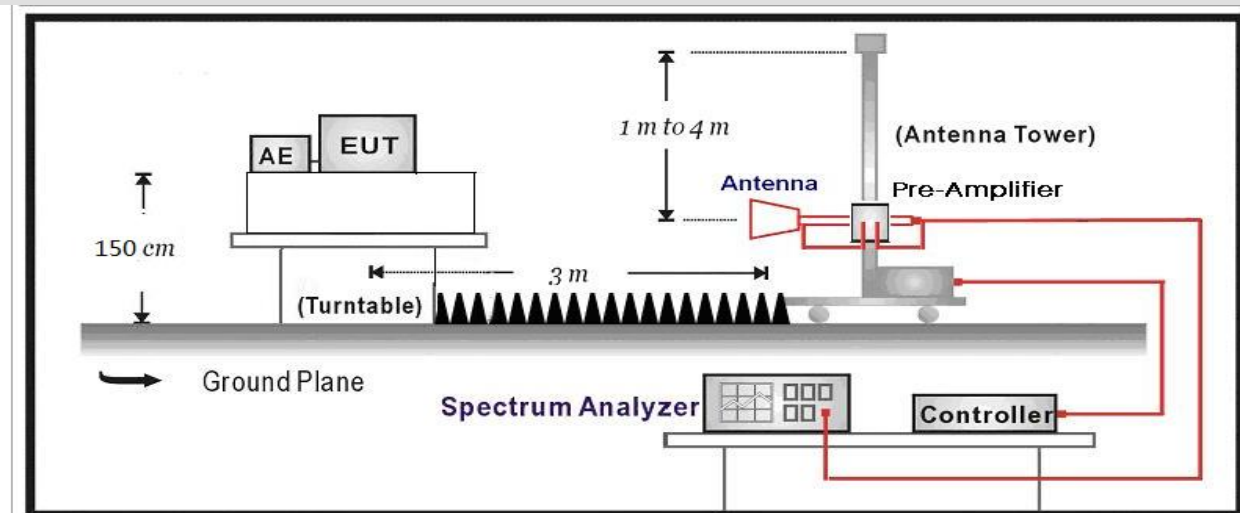
Below 30MHz Test Setup:



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	--	--	--

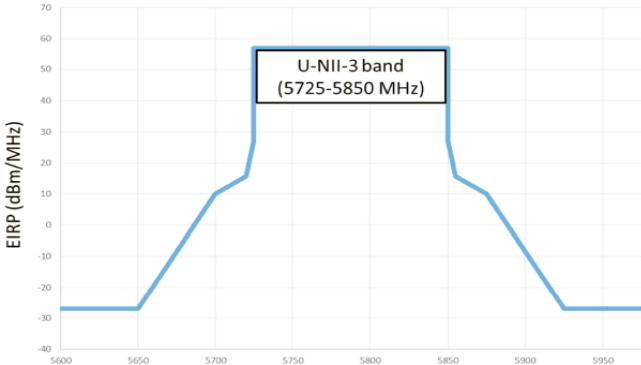
Restricted Band Emissions Limit

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).

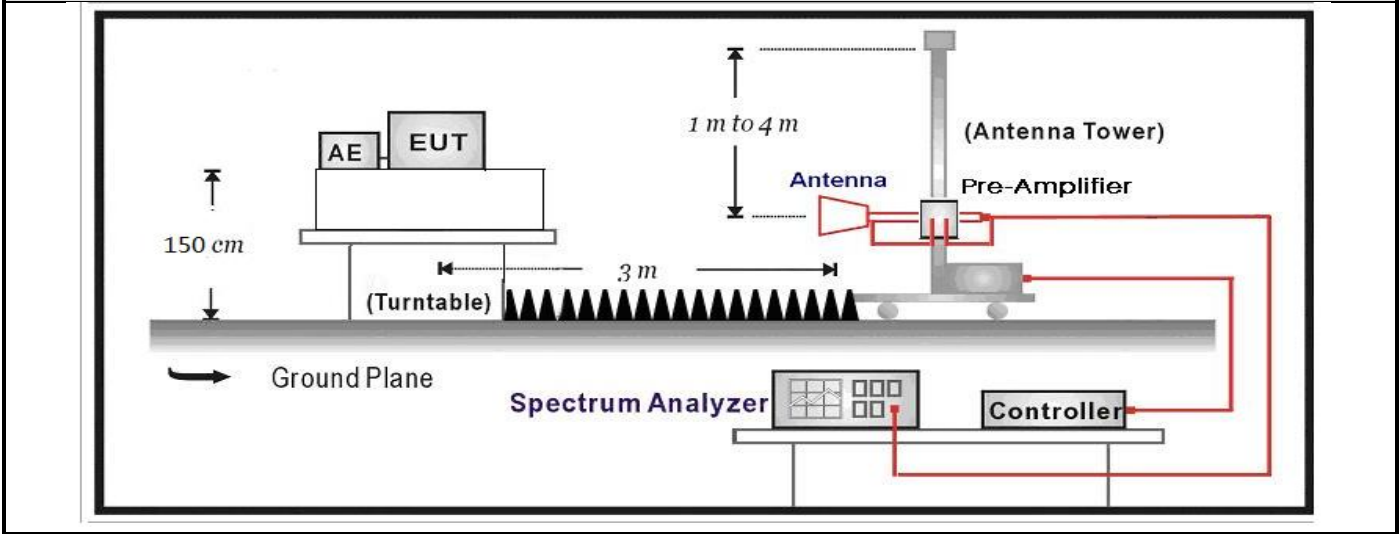
Note 2: At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated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

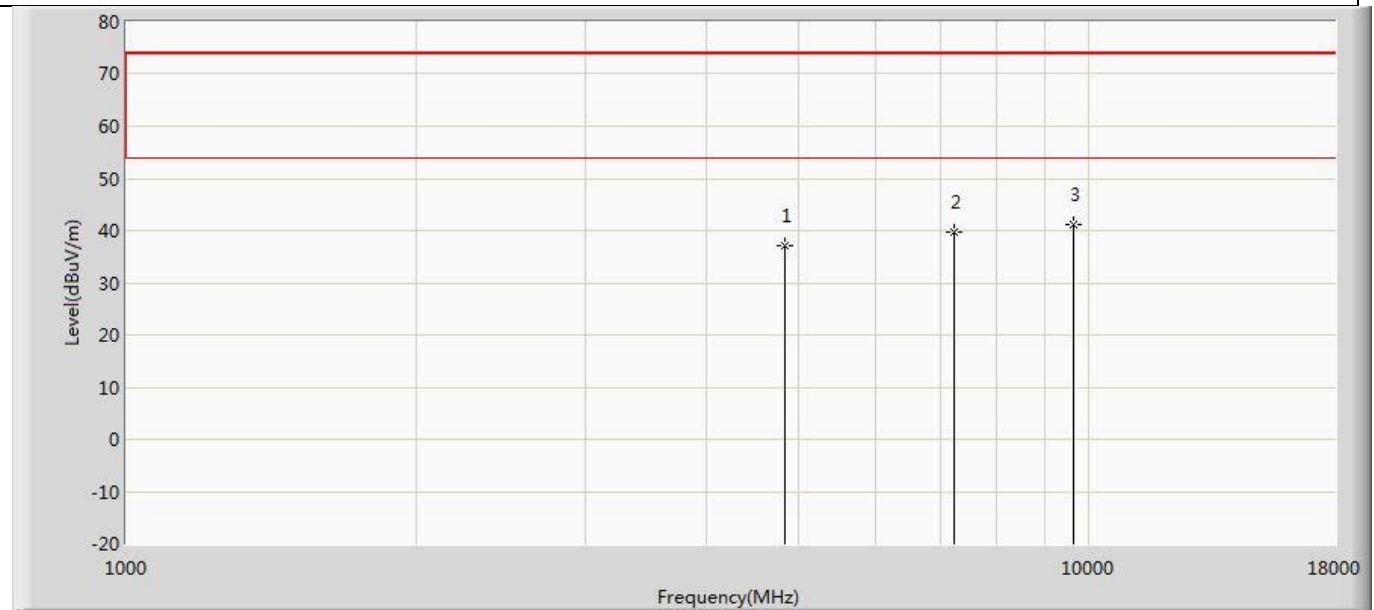


5 TEST SETUP PHOTO AND EUT PHOTO

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

6 TEST RESULT-APPENDIX A: RADIATED EMISSION

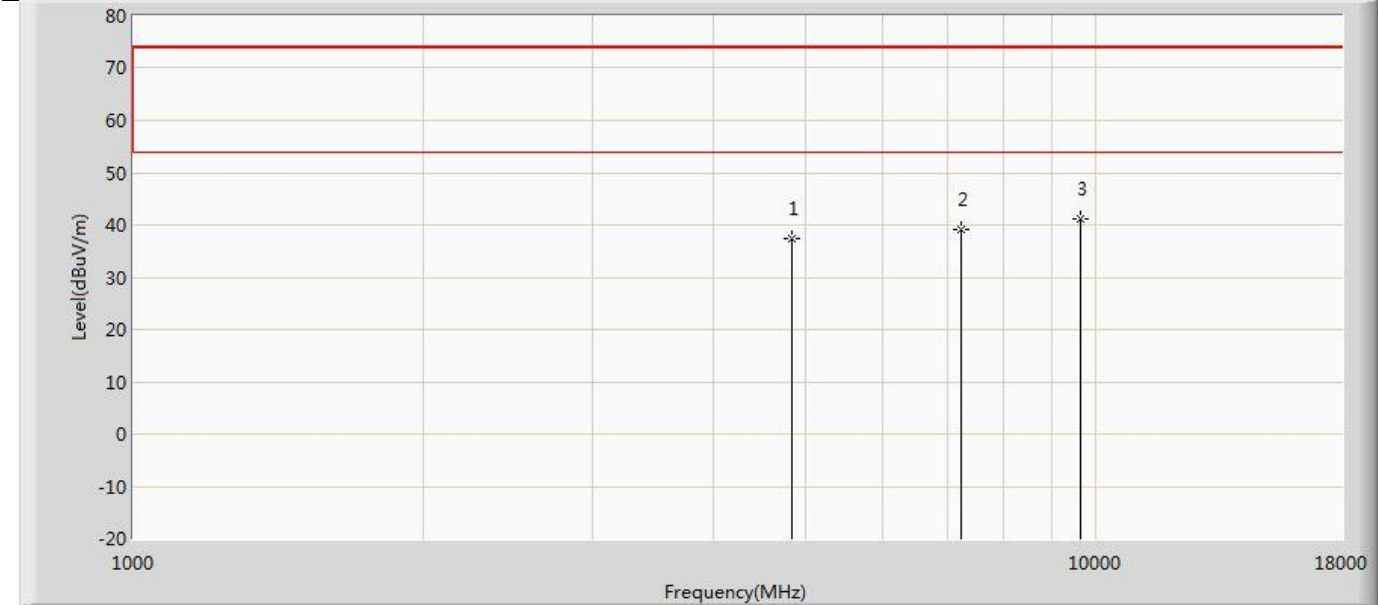
Profile: 22A0153R	Page No.: 19
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2412MHz by 802.11b	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	37.030	42.741	-36.970	74.000	-5.711	PK
2		7236.000	39.593	42.794	-34.407	74.000	-3.201	PK
3	*	9648.000	41.030	42.937	-32.970	74.000	-1.907	PK



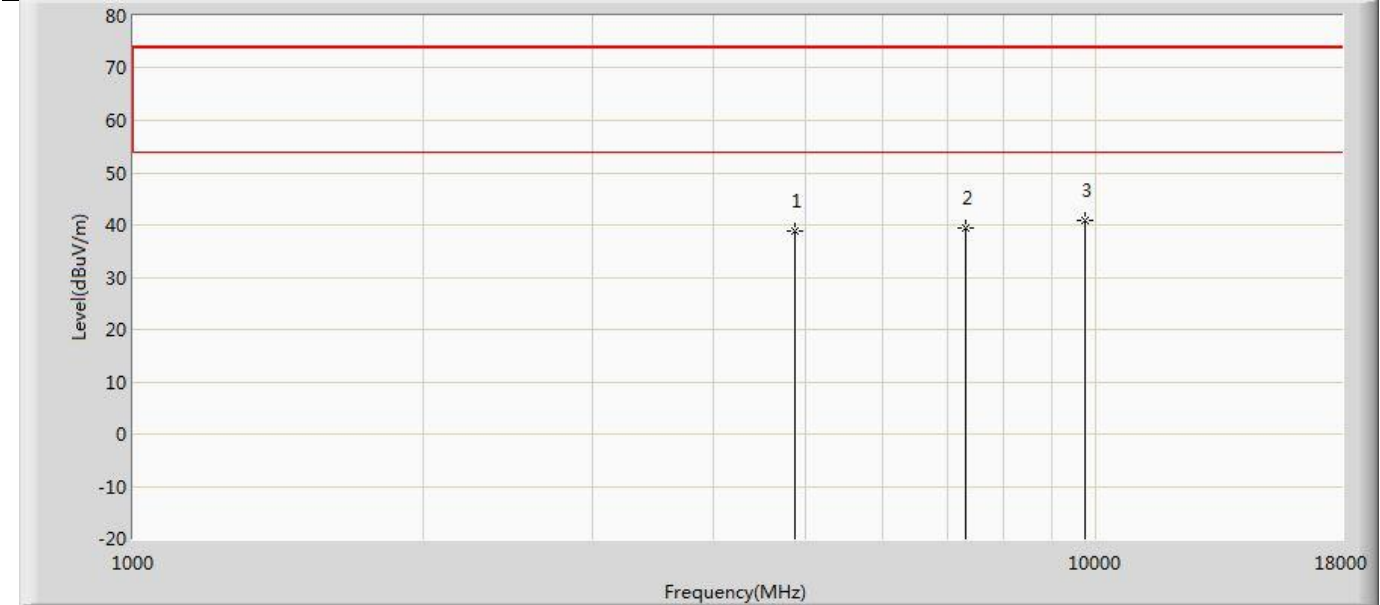
Profile: 22A0153R	Page No.: 20
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2412MHz by 802.11b	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	37.484	43.195	-36.516	74.000	-5.711	PK
2		7236.000	39.117	42.318	-34.883	74.000	-3.201	PK
3	*	9648.000	41.027	42.934	-32.973	74.000	-1.907	PK



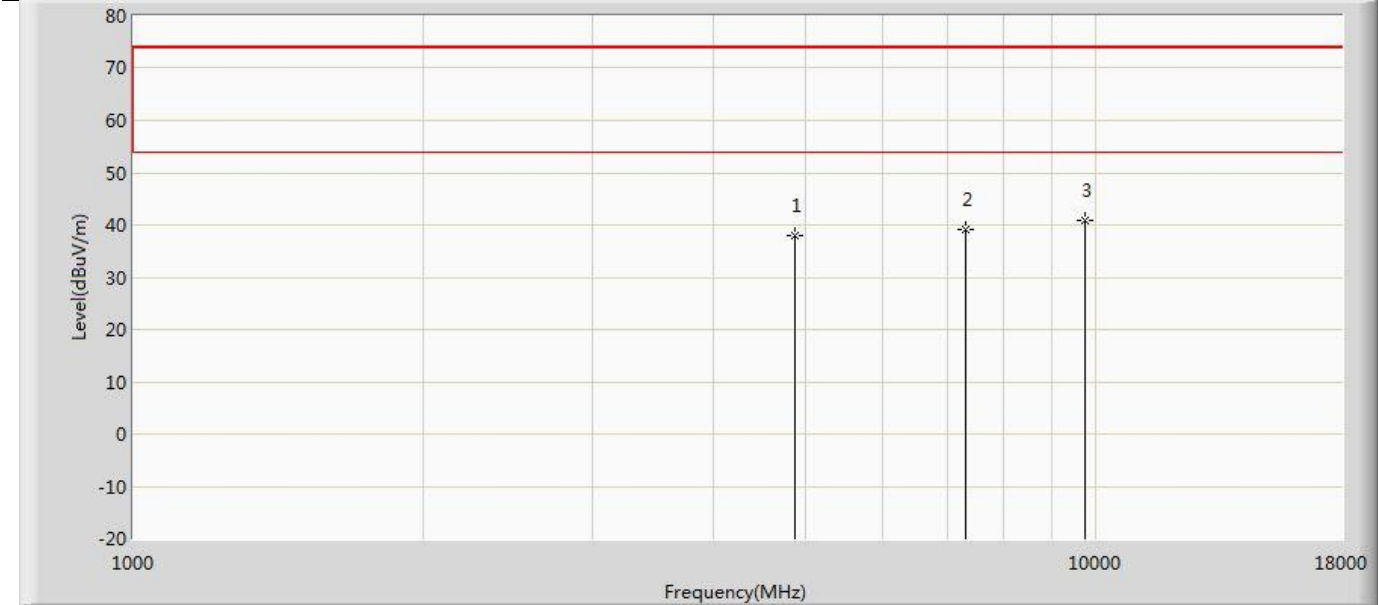
Profile: 22A0153R	Page No.: 21
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2437MHz by 802.11b	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	38.860	44.632	-35.140	74.000	-5.771	PK
2		7311.000	39.326	42.653	-34.674	74.000	-3.328	PK
3	*	9748.000	40.941	42.713	-33.059	74.000	-1.771	PK

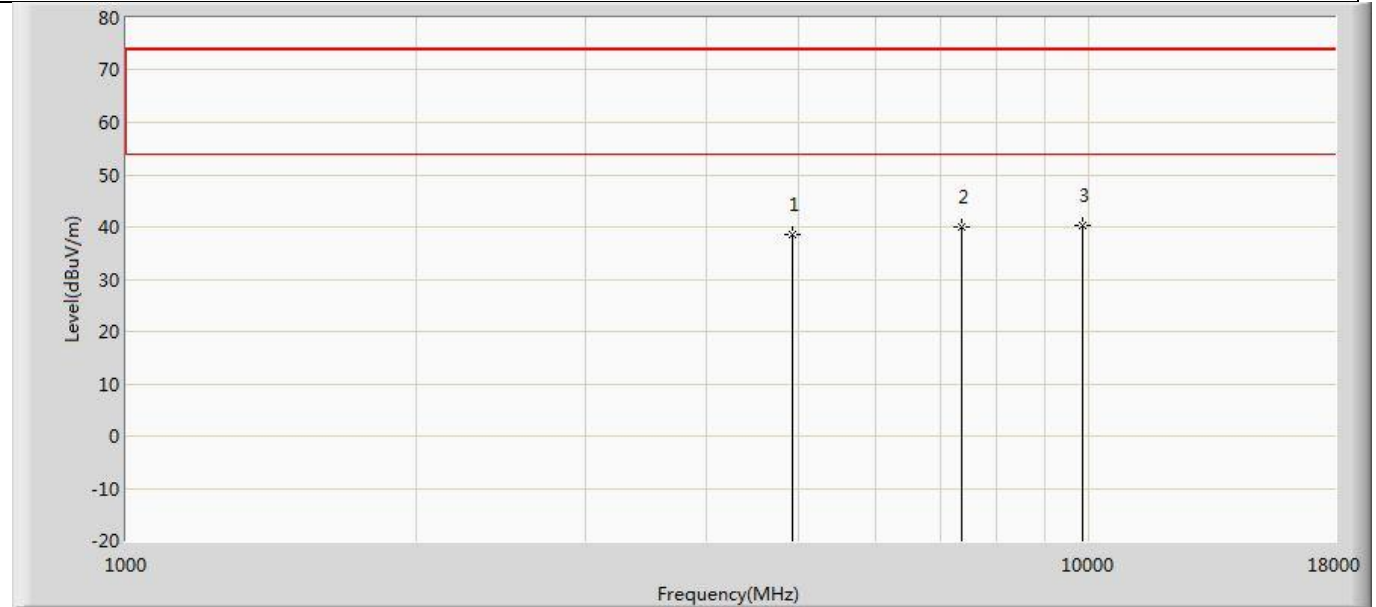


Profile: 22A0153R	Page No.: 22
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2437MHz by 802.11b	



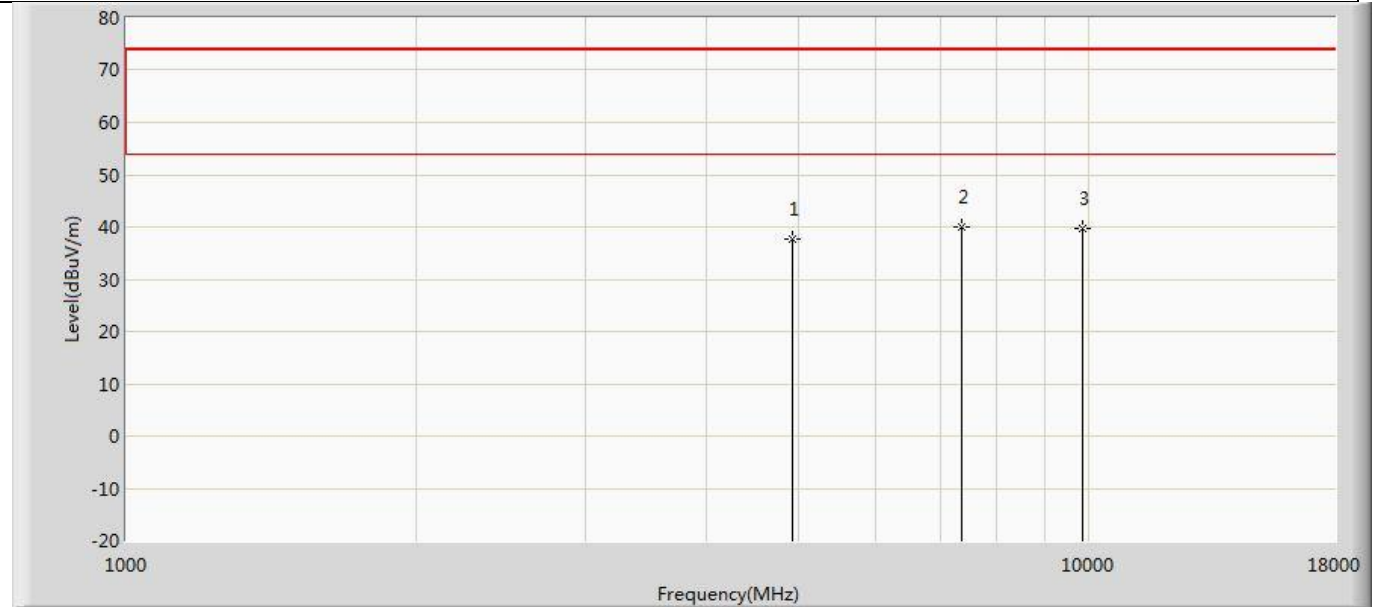
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	37.894	43.666	-36.106	74.000	-5.771	PK
2		7311.000	39.210	42.537	-34.790	74.000	-3.328	PK
3	*	9748.000	40.820	42.592	-33.180	74.000	-1.771	PK

Profile: 22A0153R	Page No.: 23
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM 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	38.421	44.200	-35.579	74.000	-5.780	PK
2		7386.000	39.953	43.127	-34.047	74.000	-3.174	PK
3	*	9848.000	40.305	42.283	-33.695	74.000	-1.978	PK

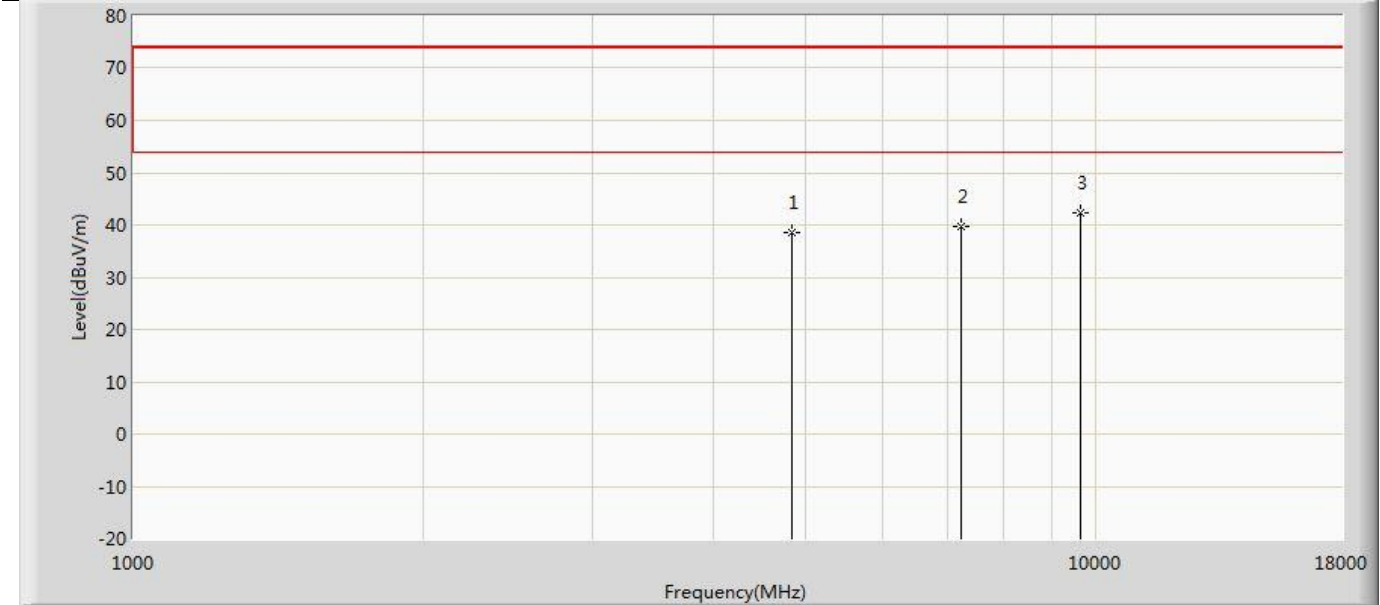
Profile: 22A0153R	Page No.: 24
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2462MHz by 802.11b	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	37.735	43.514	-36.265	74.000	-5.780	PK
2	*	7386.000	39.993	43.167	-34.007	74.000	-3.174	PK
3		9848.000	39.850	41.828	-34.150	74.000	-1.978	PK



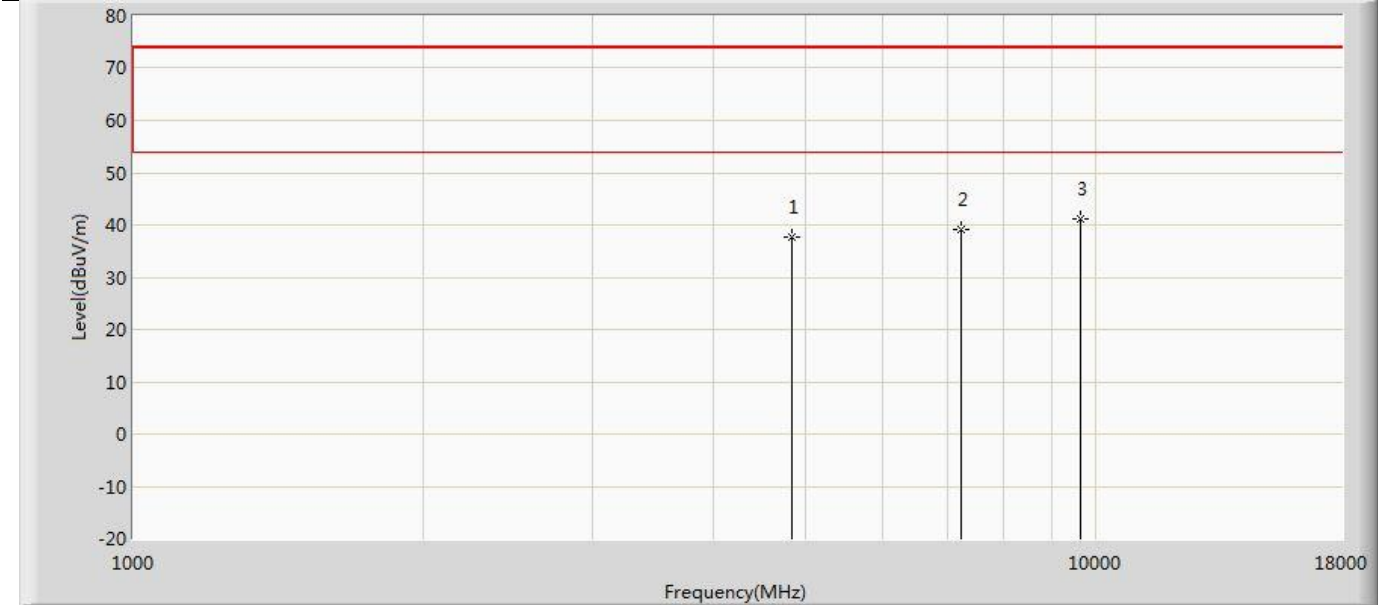
Profile: 22A0153R	Page No.: 25
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2412MHz by 802.11g	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	38.521	44.232	-35.479	74.000	-5.711	PK
2		7236.000	39.579	42.780	-34.421	74.000	-3.201	PK
3	*	9648.000	42.409	44.316	-31.591	74.000	-1.907	PK



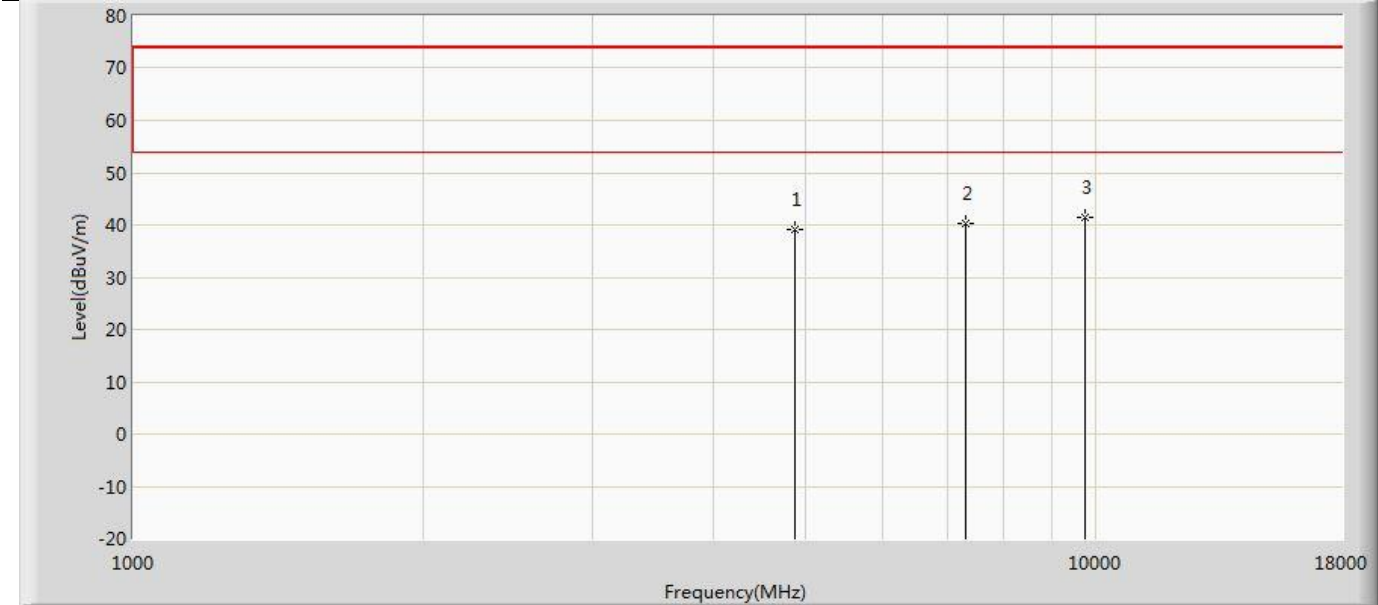
Profile: 22A0153R	Page No.: 26
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2412MHz by 802.11g	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	37.581	43.292	-36.419	74.000	-5.711	PK
2		7236.000	38.992	42.193	-35.008	74.000	-3.201	PK
3	*	9648.000	41.092	42.999	-32.908	74.000	-1.907	PK



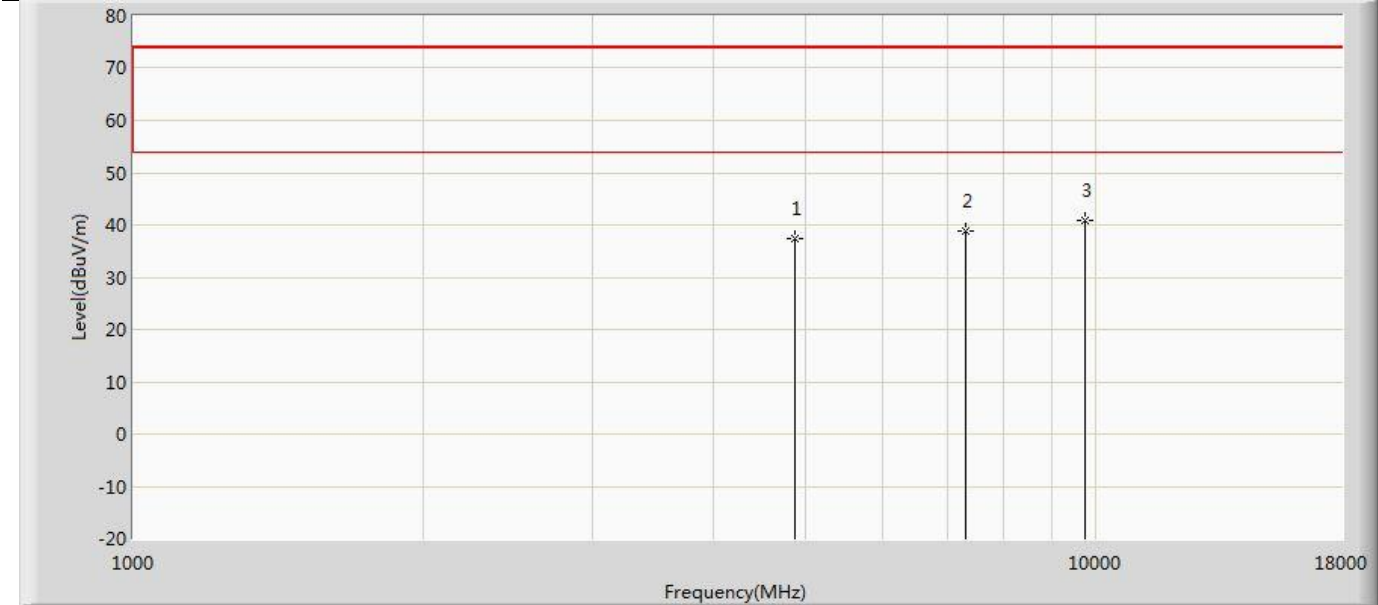
Profile: 22A0153R	Page No.: 27
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2437MHz by 802.11g	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	39.073	44.845	-34.927	74.000	-5.771	PK
2		7311.000	40.244	43.571	-33.756	74.000	-3.328	PK
3	*	9748.000	41.431	43.203	-32.569	74.000	-1.771	PK



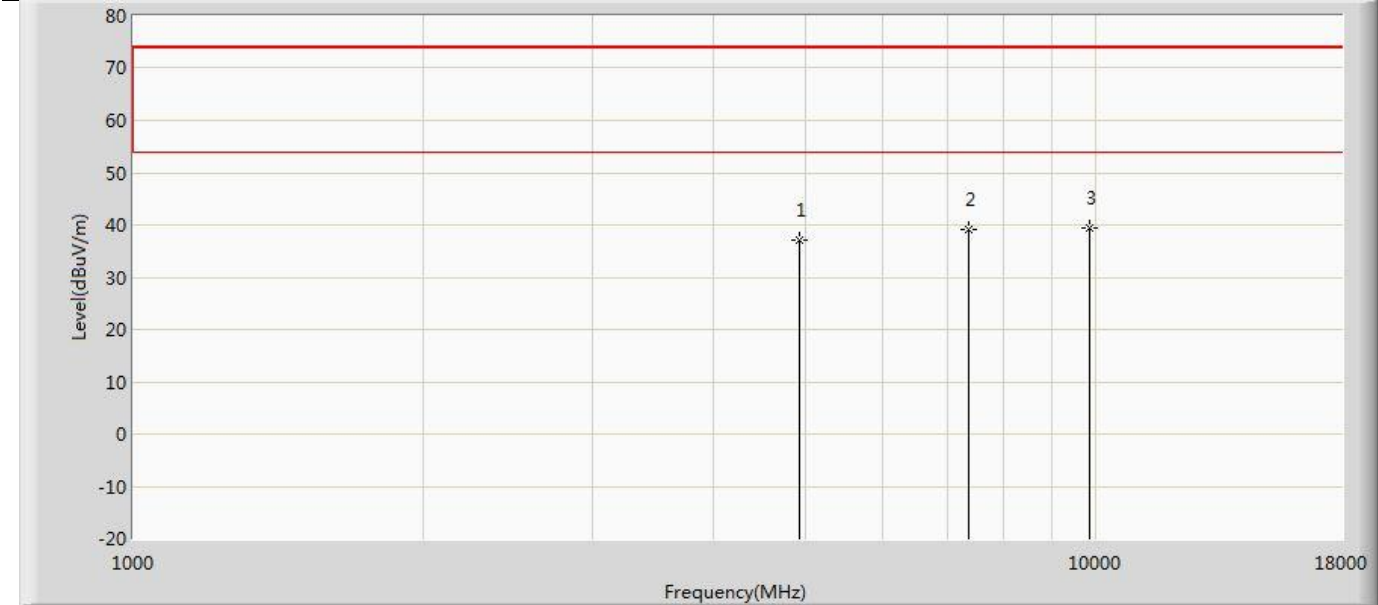
Profile: 22A0153R	Page No.: 28
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2437MHz by 802.11g	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	37.456	43.228	-36.544	74.000	-5.771	PK
2		7311.000	38.911	42.238	-35.089	74.000	-3.328	PK
3	*	9748.000	40.752	42.524	-33.248	74.000	-1.771	PK



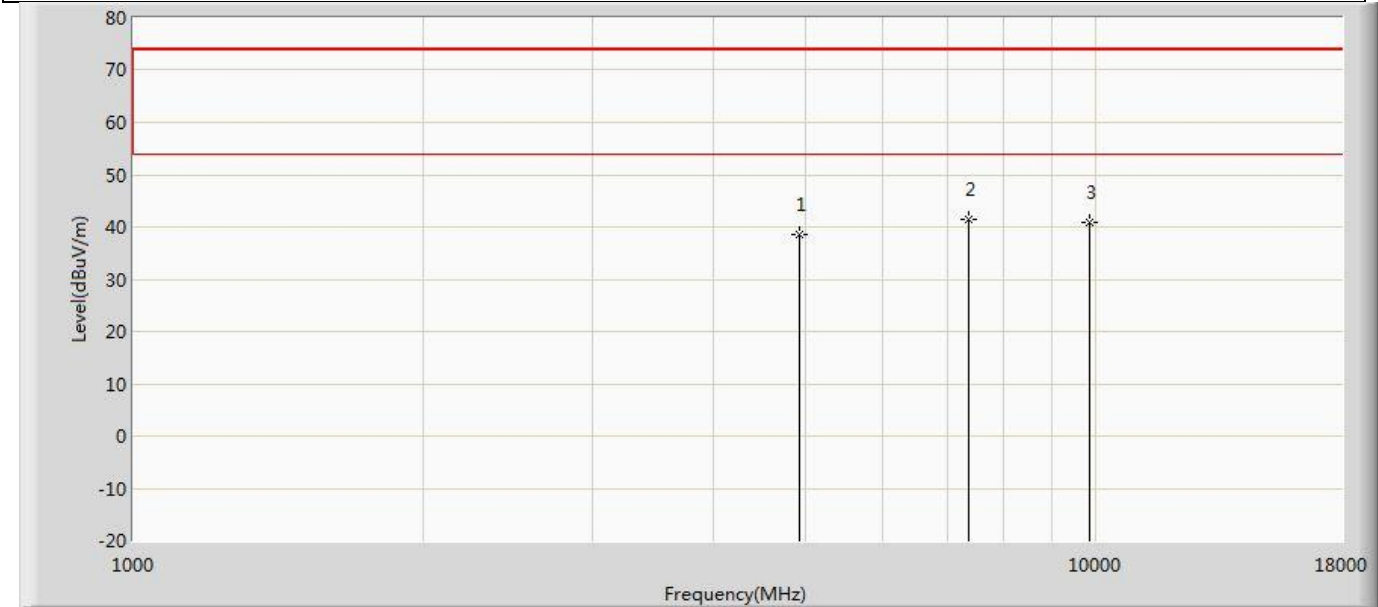
Profile: 22A0153R	Page No.: 29
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2462MHz by 802.11g	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	37.244	43.023	-36.756	74.000	-5.780	PK
2		7386.000	39.239	42.413	-34.761	74.000	-3.174	PK
3	*	9848.000	39.418	41.396	-34.582	74.000	-1.978	PK



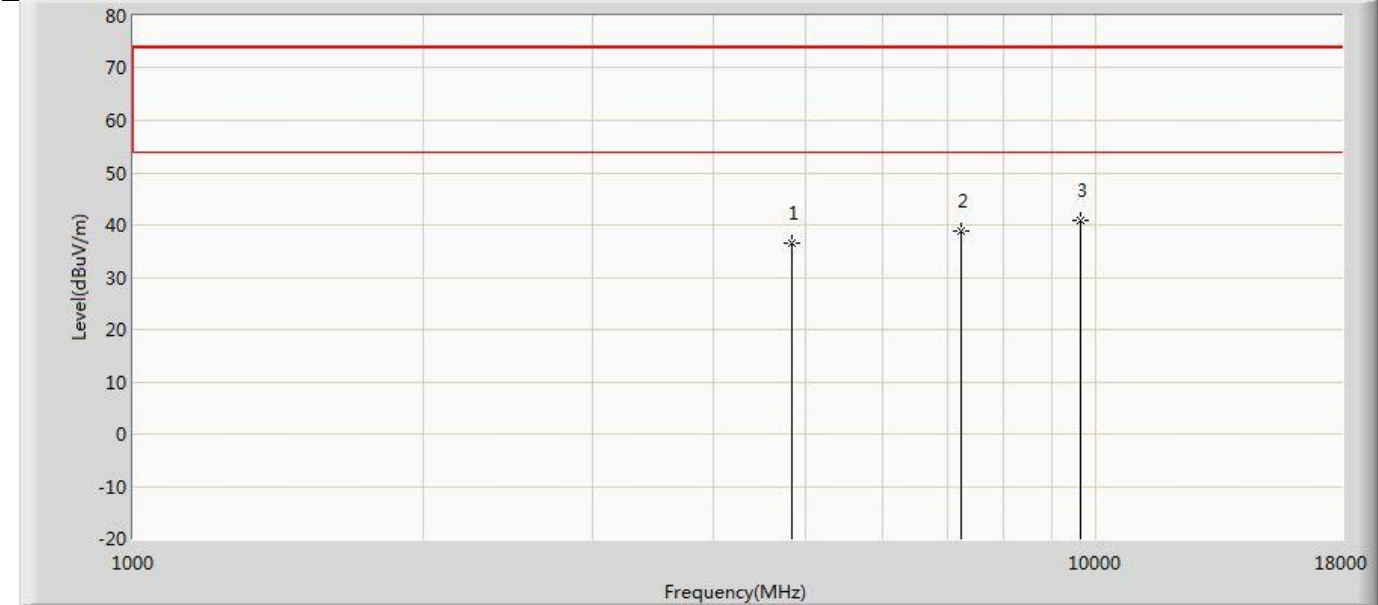
Profile: 22A0153R	Page No.: 30
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2462MHz by 802.11g	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	38.550	44.329	-35.450	74.000	-5.780	PK
2	*	7386.000	41.499	44.673	-32.501	74.000	-3.174	PK
3		9848.000	41.006	42.984	-32.994	74.000	-1.978	PK



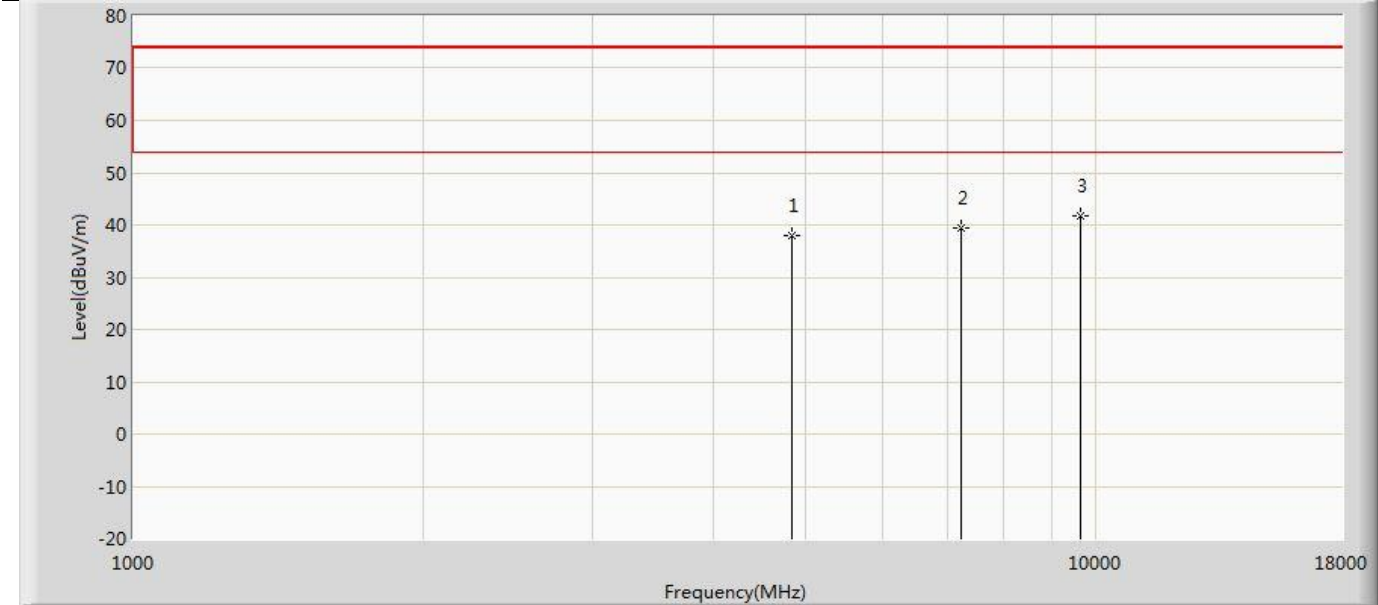
Profile: 22A0153R	Page No.: 31
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2412MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	36.464	42.175	-37.536	74.000	-5.711	PK
2		7236.000	38.881	42.082	-35.119	74.000	-3.201	PK
3	*	9648.000	40.800	42.707	-33.200	74.000	-1.907	PK



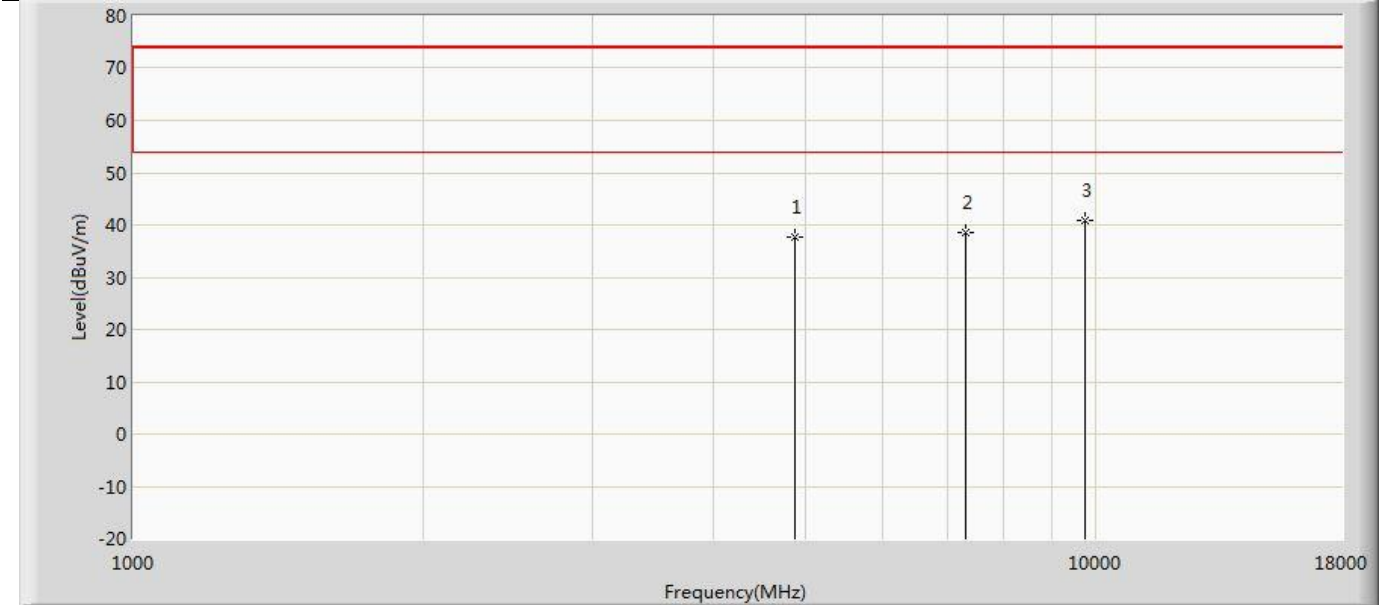
Profile: 22A0153R	Page No.: 32
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2412MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	37.968	43.679	-36.032	74.000	-5.711	PK
2		7236.000	39.331	42.532	-34.669	74.000	-3.201	PK
3	*	9648.000	41.662	43.569	-32.338	74.000	-1.907	PK



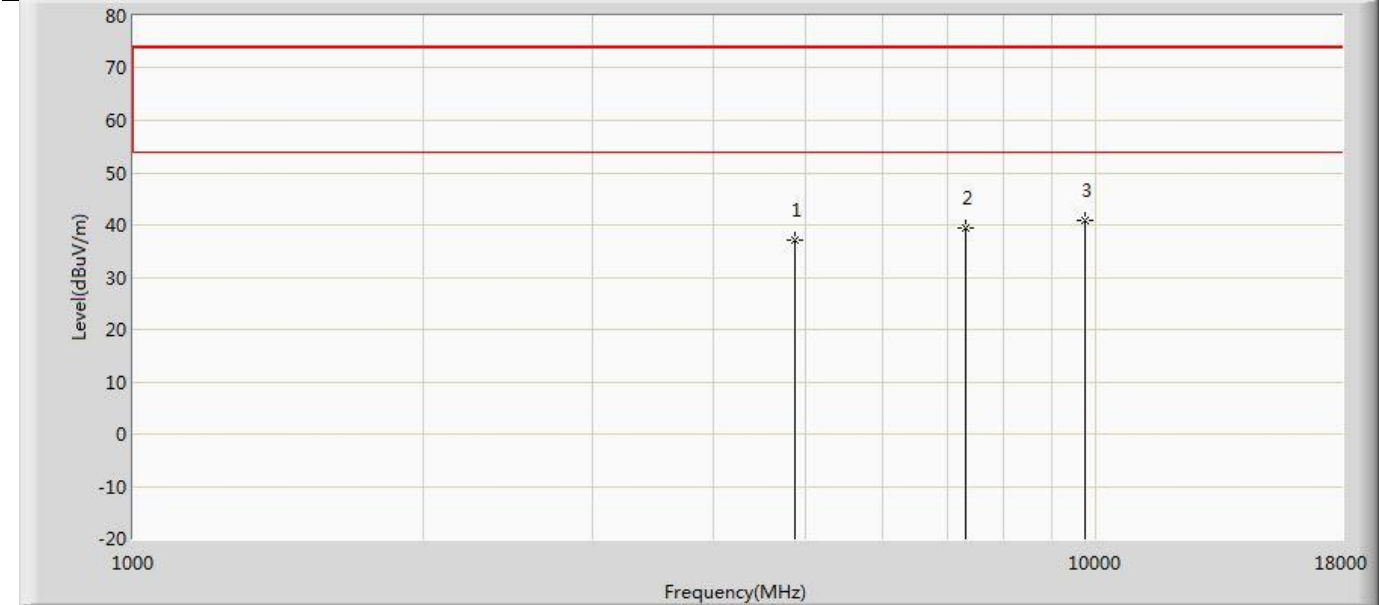
Profile: 22A0153R	Page No.: 33
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2437MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	37.640	43.412	-36.360	74.000	-5.771	PK
2		7311.000	38.564	41.891	-35.436	74.000	-3.328	PK
3	*	9748.000	40.910	42.682	-33.090	74.000	-1.771	PK

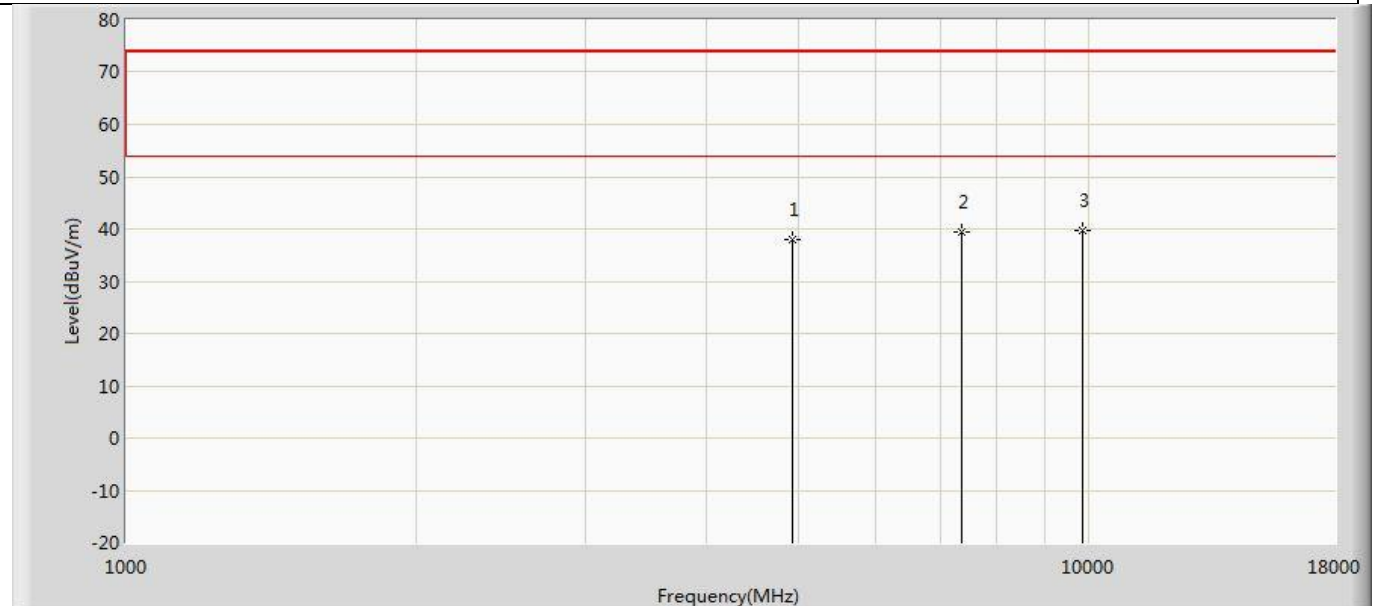


Profile: 22A0153R	Page No.: 34
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2437MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	37.169	42.941	-36.831	74.000	-5.771	PK
2		7311.000	39.456	42.783	-34.544	74.000	-3.328	PK
3	*	9748.000	40.745	42.517	-33.255	74.000	-1.771	PK

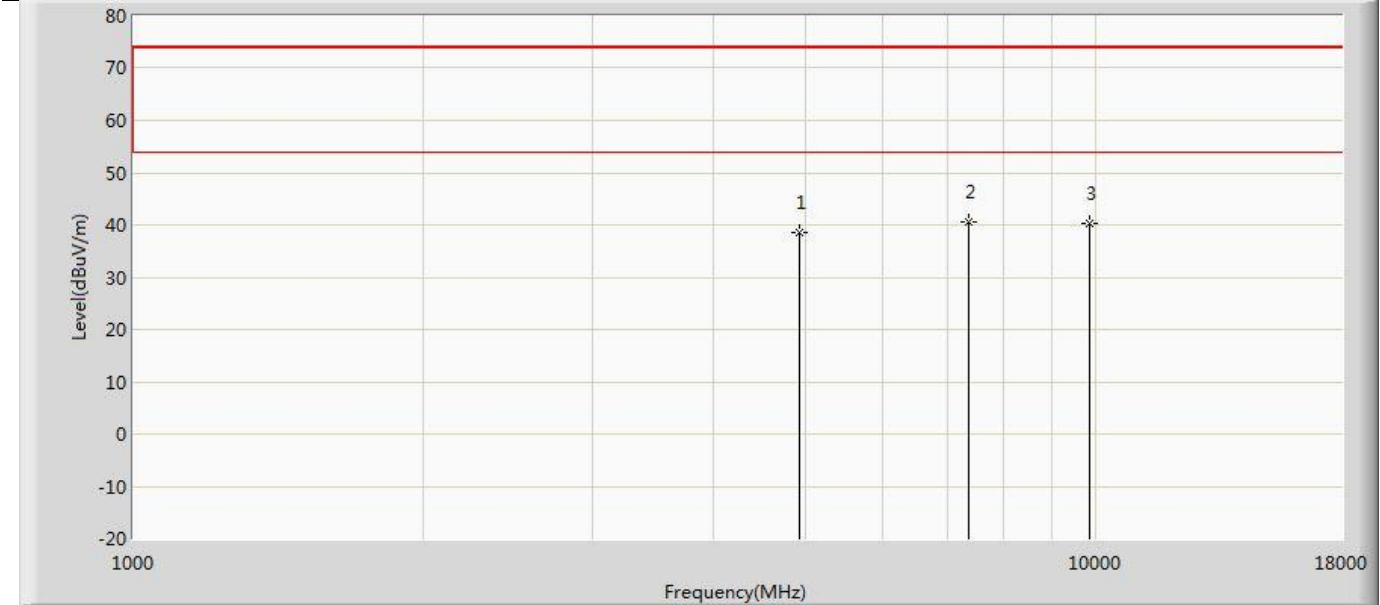
Profile: 22A0153R	Page No.: 35
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2462MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	37.906	43.685	-36.094	74.000	-5.780	PK
2		7386.000	39.470	42.644	-34.530	74.000	-3.174	PK
3	*	9848.000	39.595	41.573	-34.405	74.000	-1.978	PK



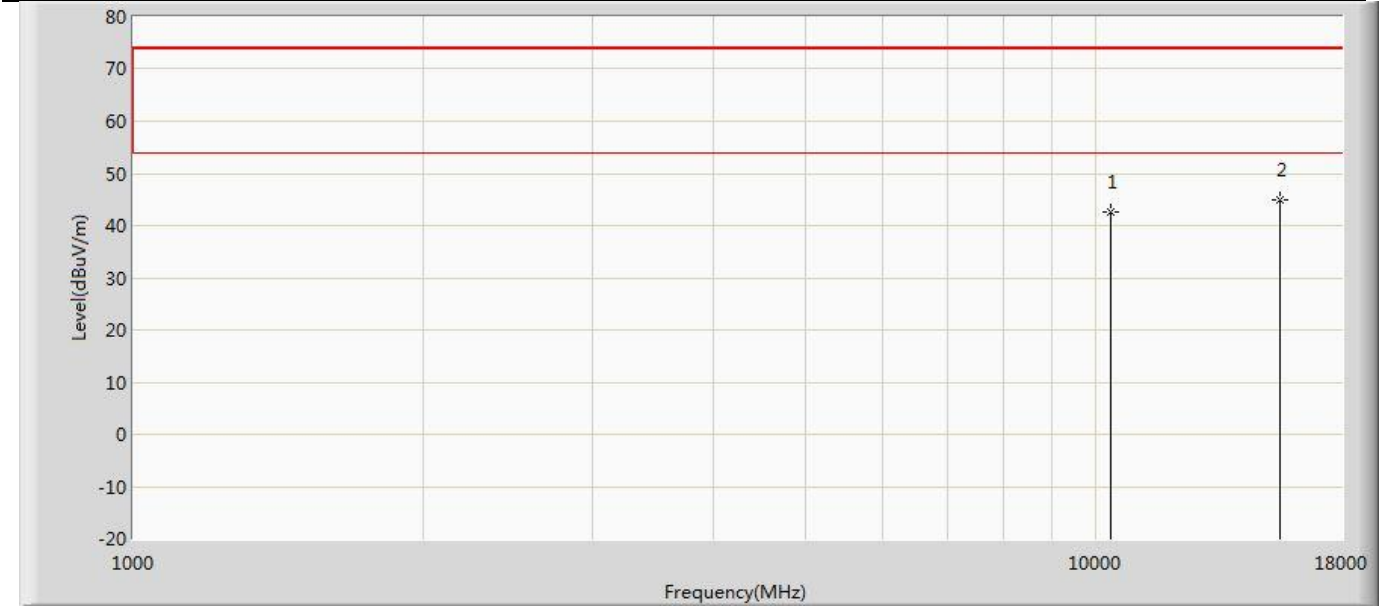
Profile: 22A0153R	Page No.: 36
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2462MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	38.425	44.204	-35.575	74.000	-5.780	PK
2	*	7386.000	40.614	43.788	-33.386	74.000	-3.174	PK
3		9848.000	40.407	42.385	-33.593	74.000	-1.978	PK



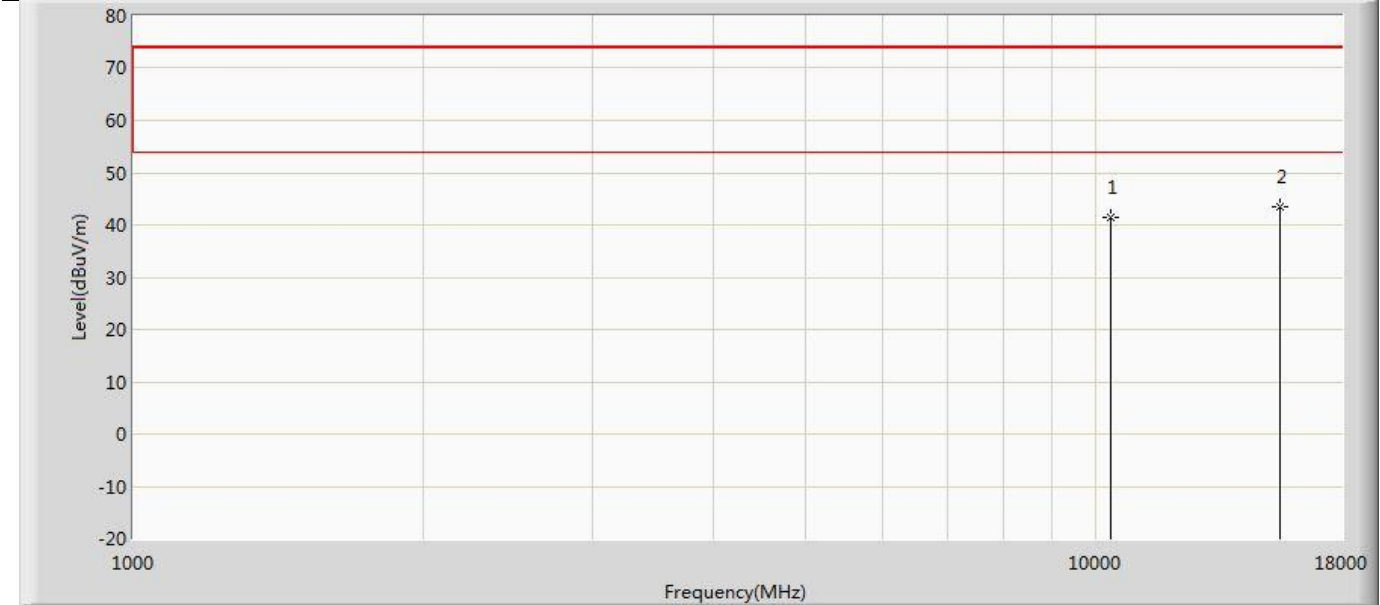
Profile: 22A0153R	Page No.: 57
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5180MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	42.710	43.375	-31.290	74.000	-0.665	PK
2	*	15540.000	45.051	43.480	-28.949	74.000	1.571	PK



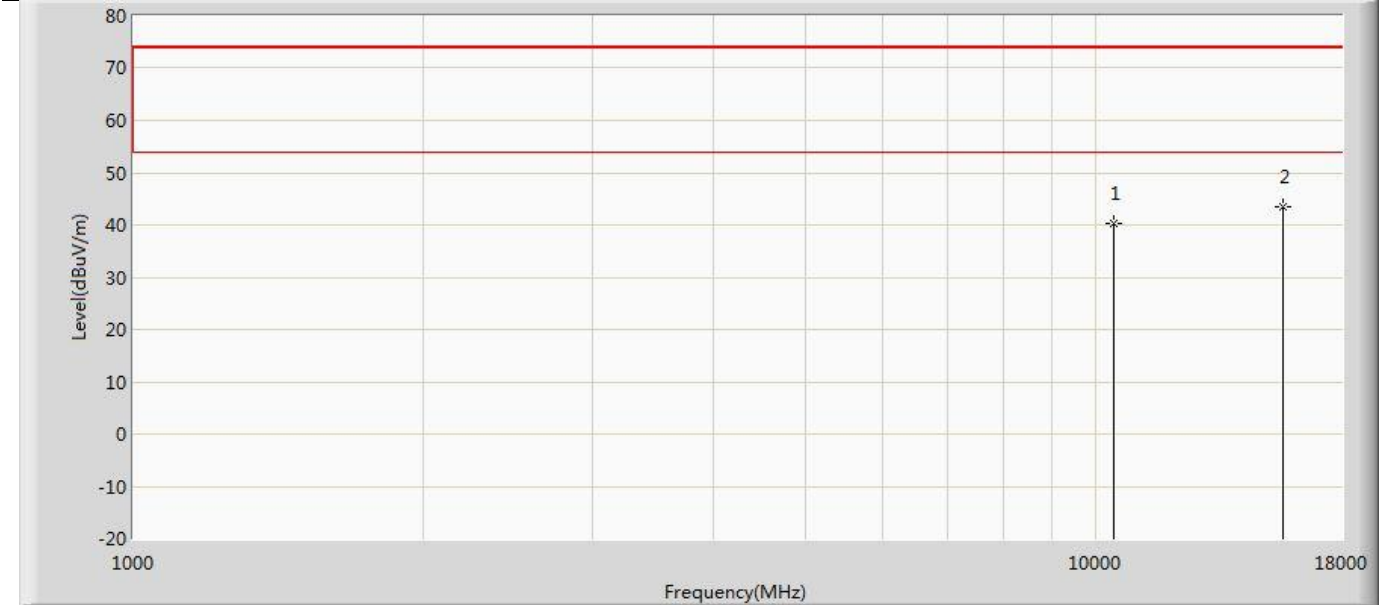
Profile: 22A0153R	Page No.: 58
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5180MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	41.539	42.204	-32.461	74.000	-0.665	PK
2	*	15540.000	43.485	41.914	-30.515	74.000	1.571	PK



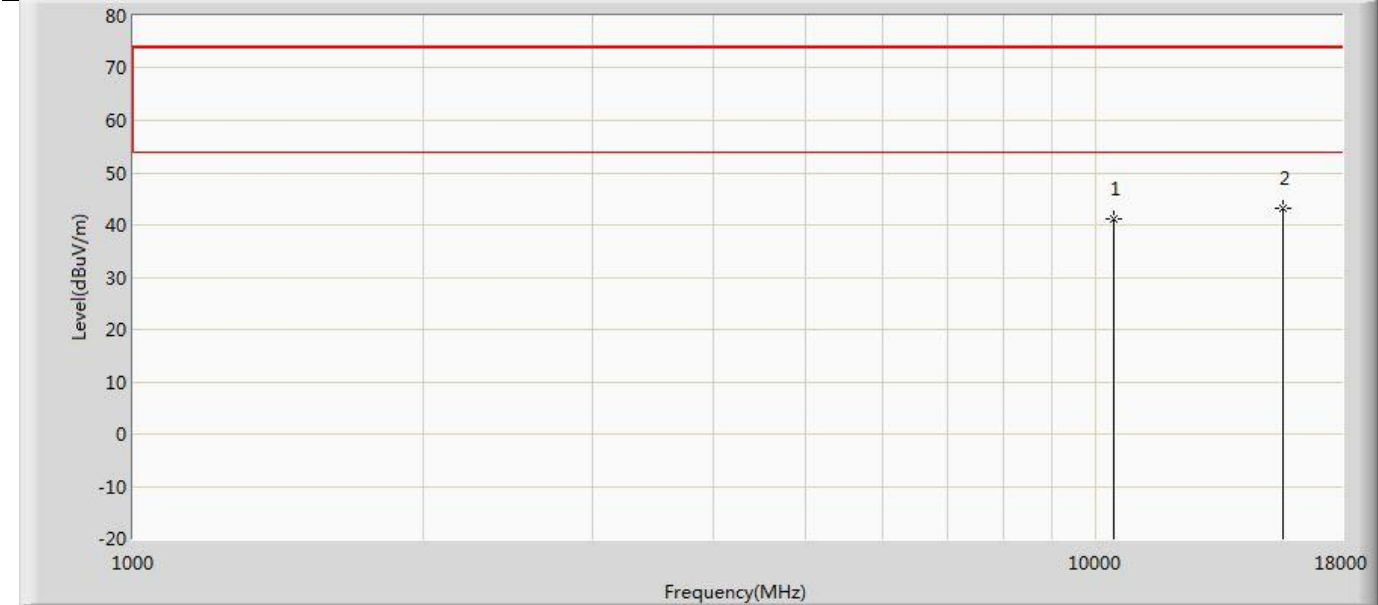
Profile: 22A0153R	Page No.: 59
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5220MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	40.328	41.104	-33.672	74.000	-0.776	PK
2	*	15660.000	43.472	41.644	-30.528	74.000	1.828	PK



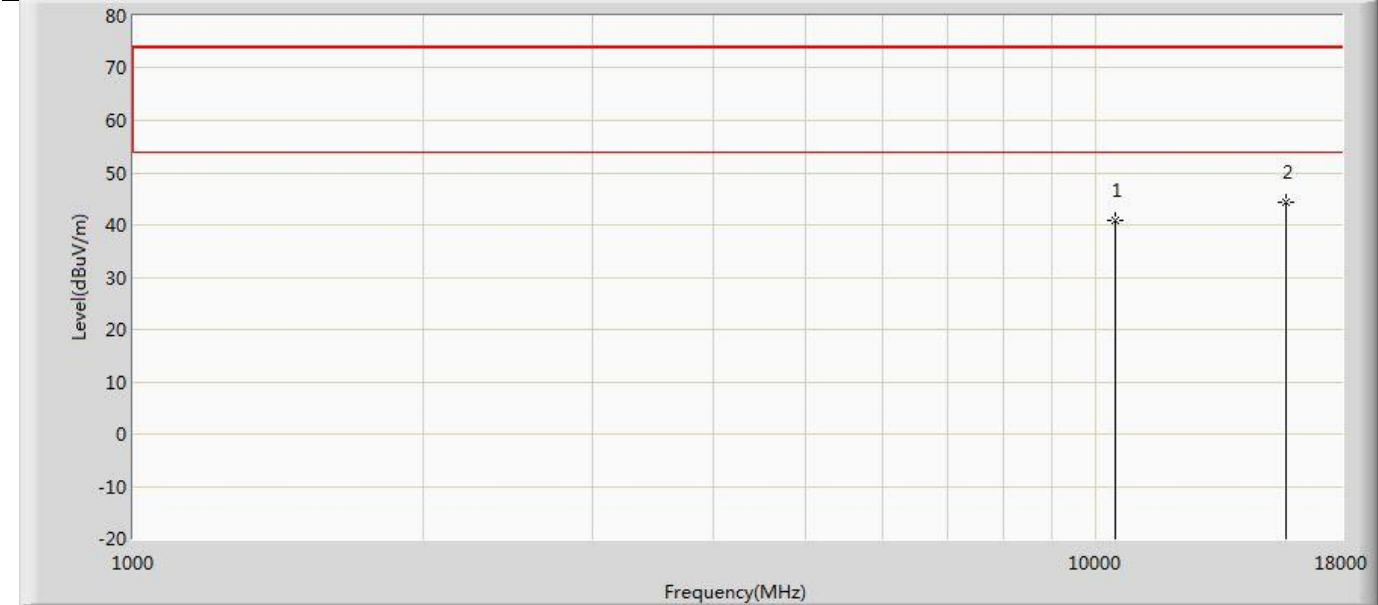
Profile: 22A0153R	Page No.: 60
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5220MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	41.121	41.897	-32.879	74.000	-0.776	PK
2	*	15660.000	43.083	41.255	-30.917	74.000	1.828	PK



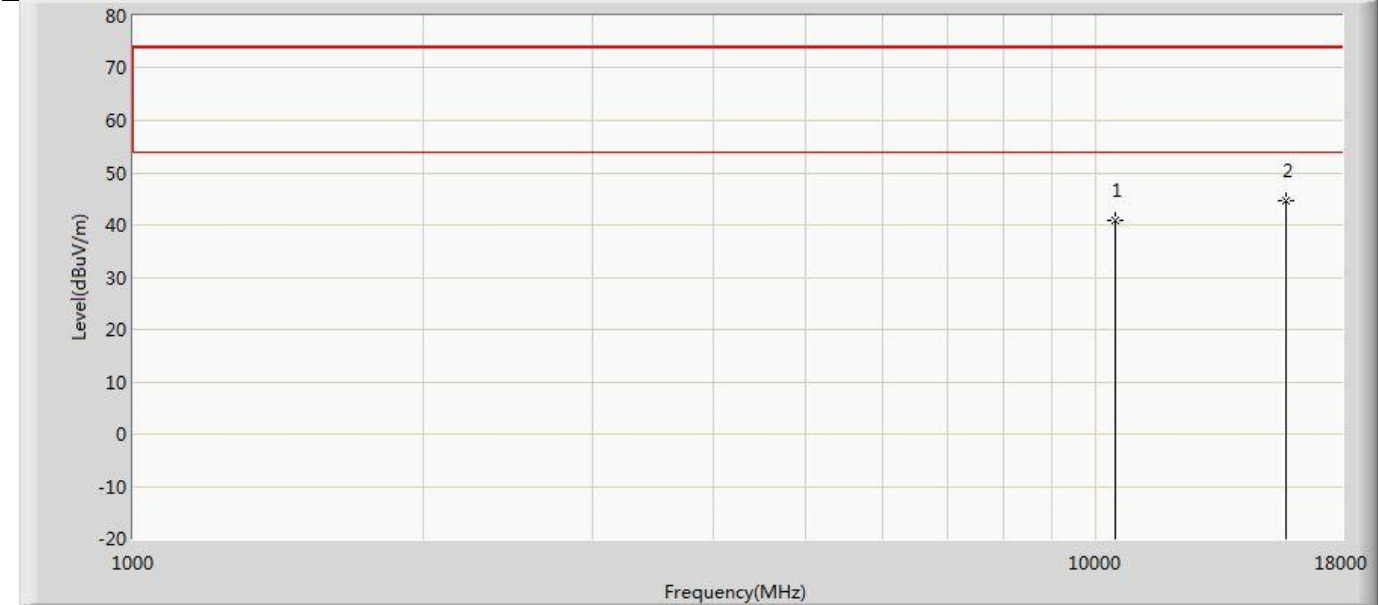
Profile: 22A0153R	Page No.: 61
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5240MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	40.951	41.707	-33.049	74.000	-0.757	PK
2	*	15720.000	44.382	42.259	-29.618	74.000	2.122	PK



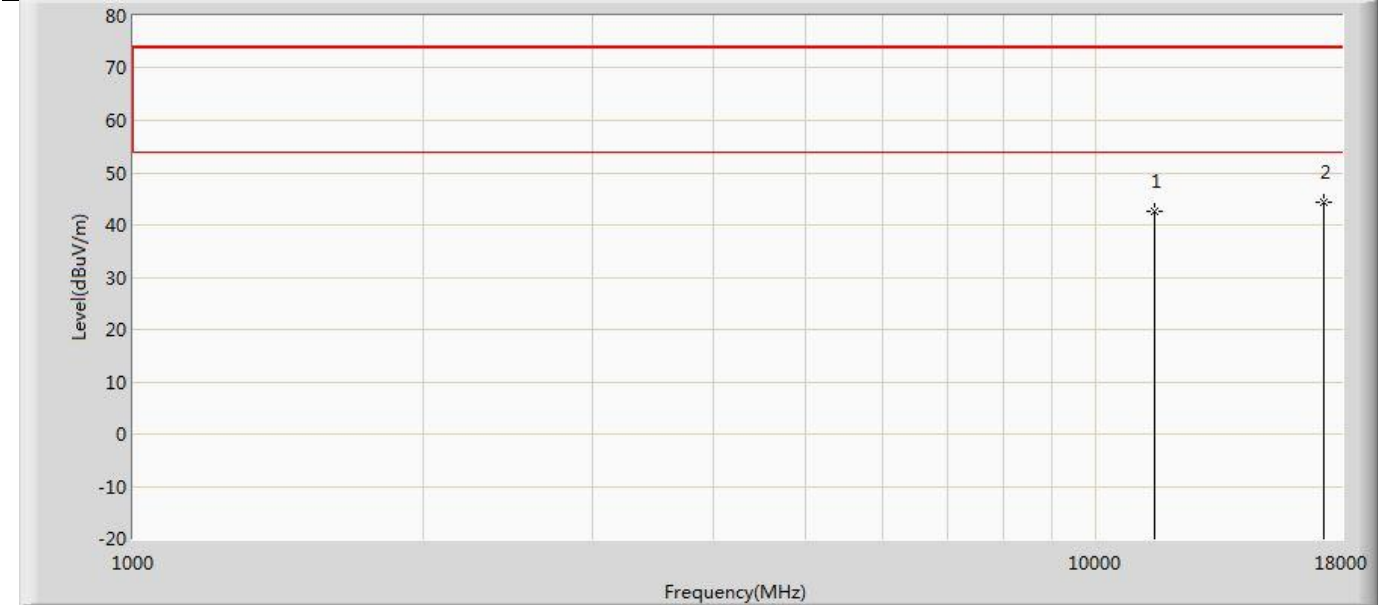
Profile: 22A0153R	Page No.: 62
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5240MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	40.871	41.627	-33.129	74.000	-0.757	PK
2	*	15720.000	44.549	42.426	-29.451	74.000	2.122	PK



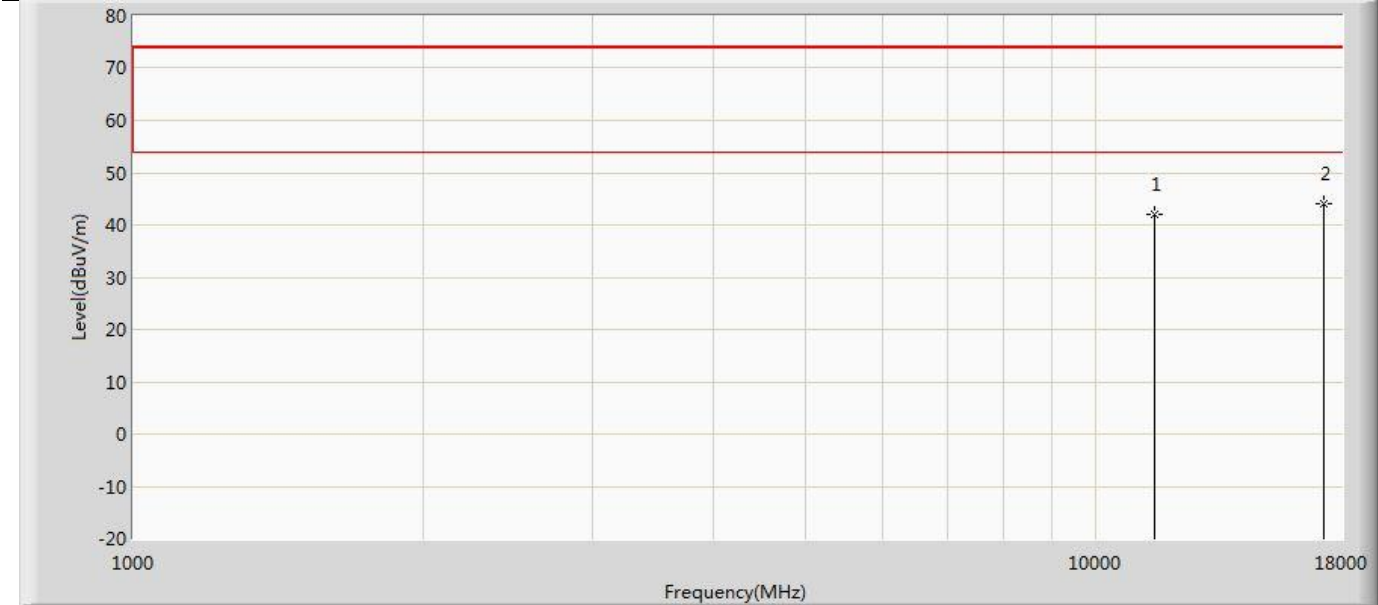
Profile: 22A0153R	Page No.: 63
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5745MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	42.549	42.438	-31.451	74.000	0.111	PK
2	*	17235.000	44.238	39.614	-29.762	74.000	4.624	PK



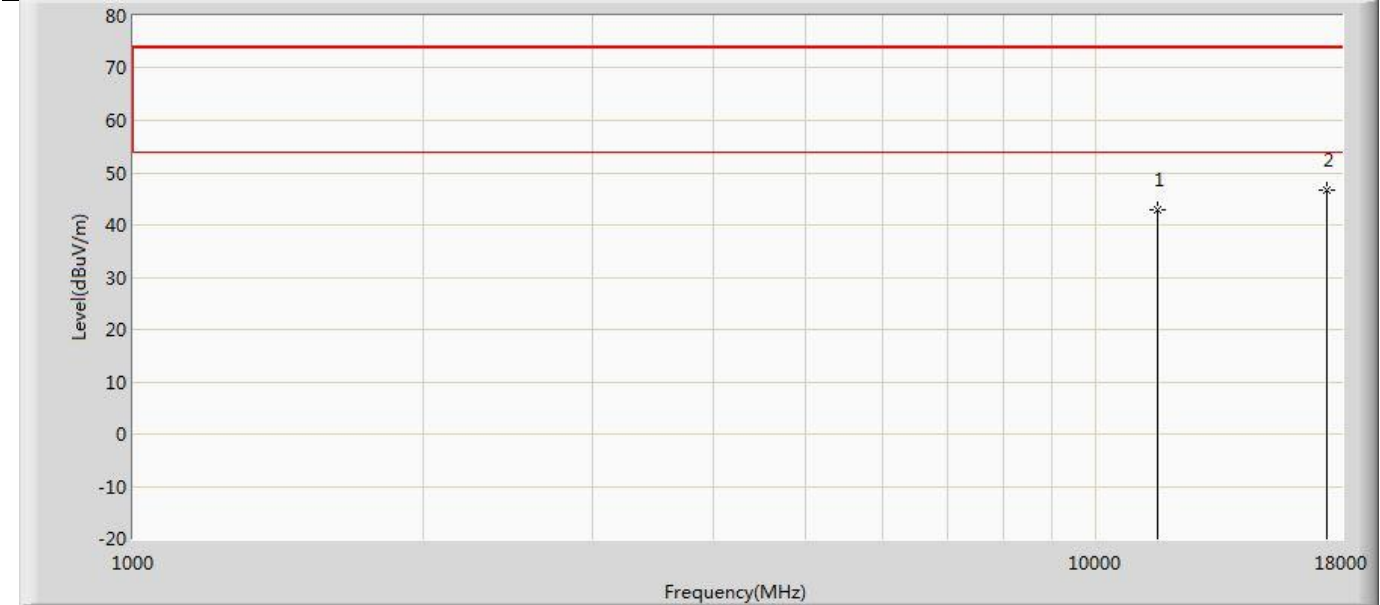
Profile: 22A0153R	Page No.: 64
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5745MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	41.981	41.870	-32.019	74.000	0.111	PK
2	*	17235.000	44.186	39.562	-29.814	74.000	4.624	PK



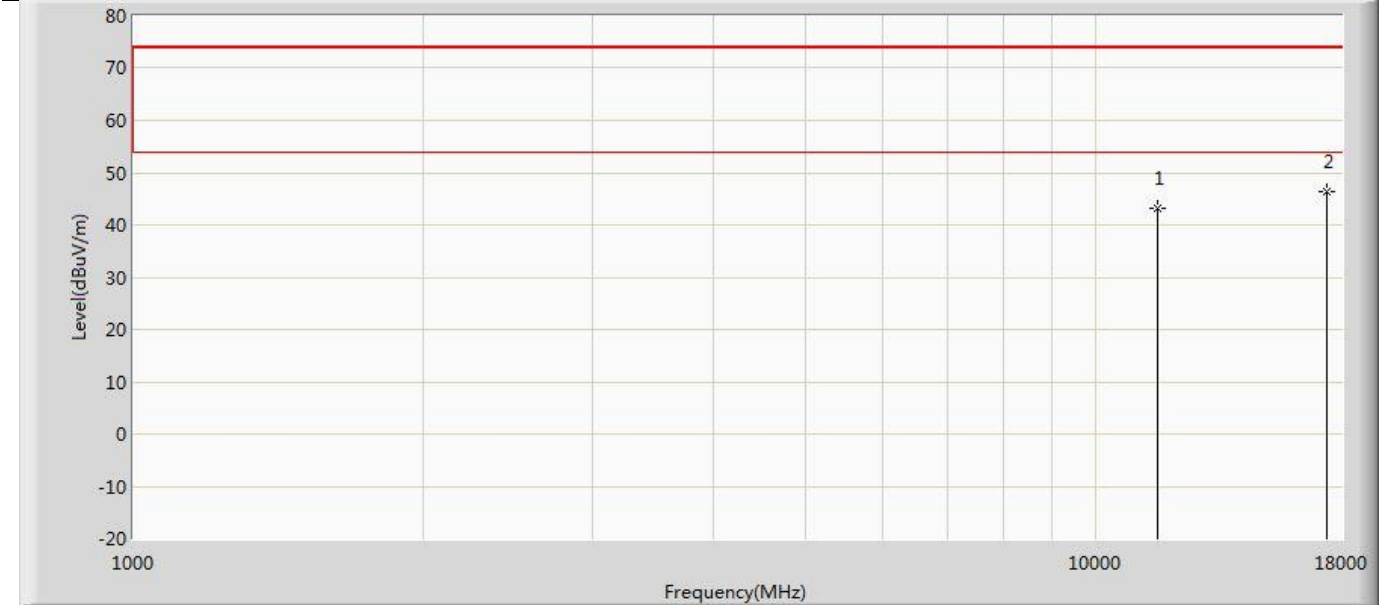
Profile: 22A0153R	Page No.: 65
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5785MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	42.864	42.284	-31.136	74.000	0.580	PK
2	*	17355.000	46.654	41.464	-27.346	74.000	5.190	PK



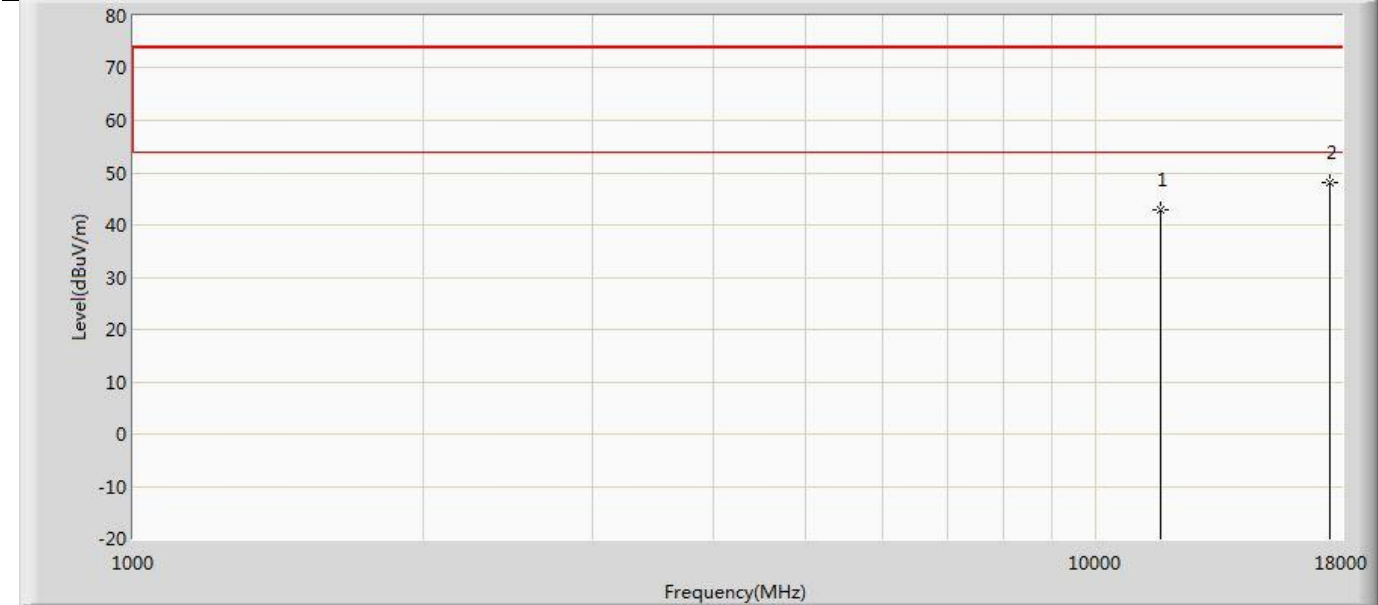
Profile: 22A0153R	Page No.: 66
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5785MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	43.300	42.720	-30.700	74.000	0.580	PK
2	*	17355.000	46.468	41.278	-27.532	74.000	5.190	PK



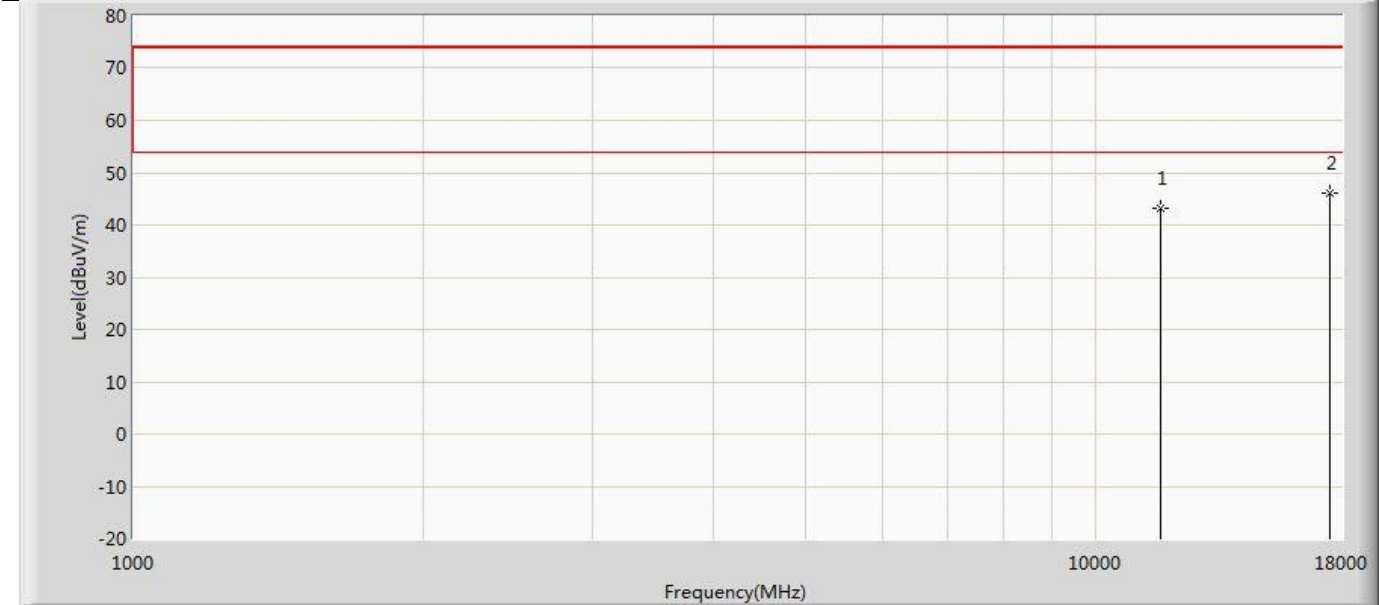
Profile: 22A0153R	Page No.: 67
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5825MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	42.970	42.437	-31.030	74.000	0.533	PK
2	*	17475.000	48.115	43.006	-25.885	74.000	5.109	PK



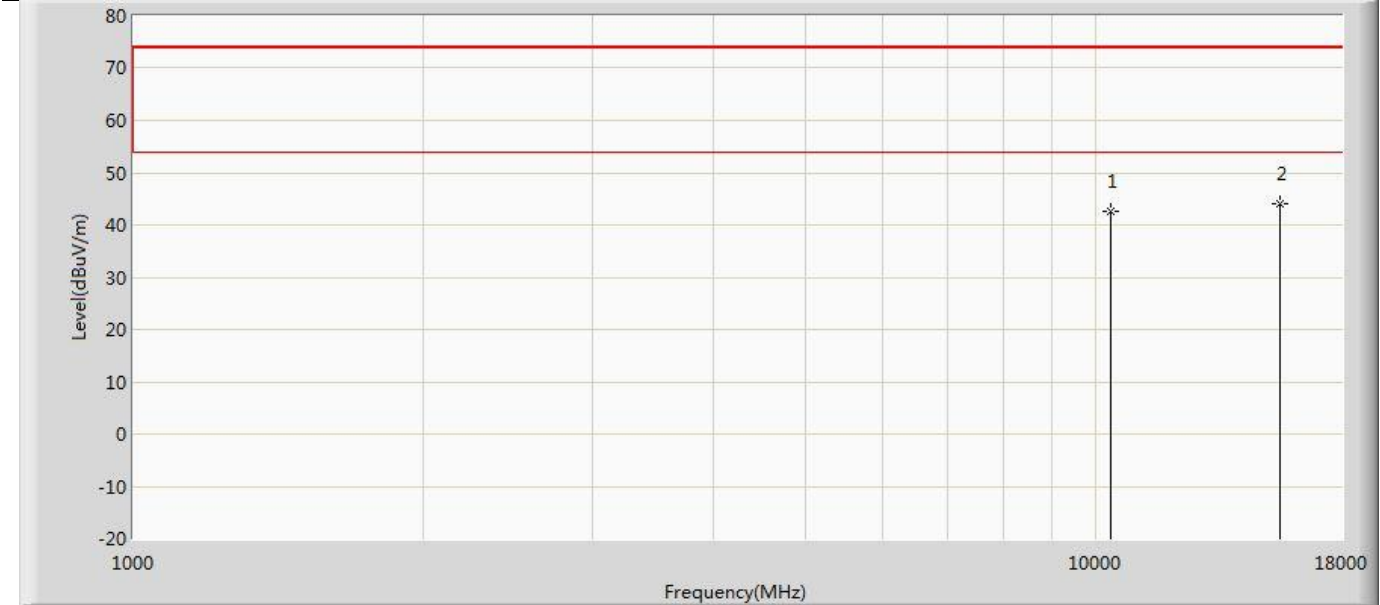
Profile: 22A0153R	Page No.: 68
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5825MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	43.247	42.714	-30.753	74.000	0.533	PK
2	*	17475.000	46.092	40.983	-27.908	74.000	5.109	PK



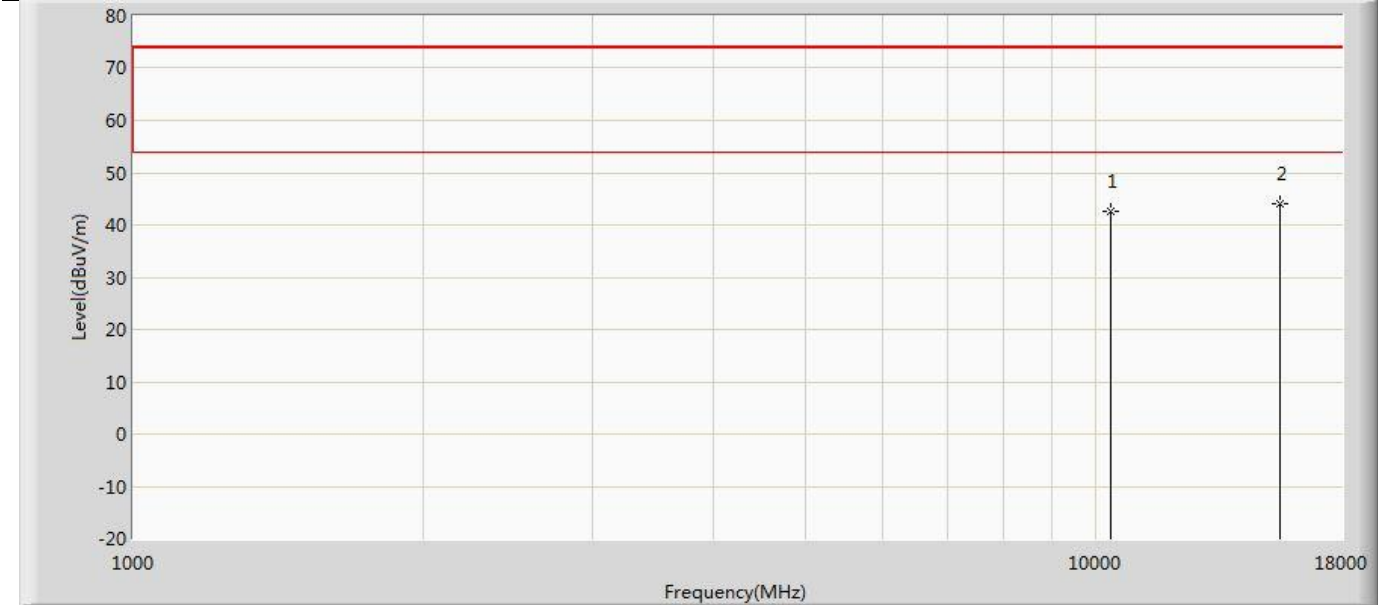
Profile: 22A0153R	Page No.: 69
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5180MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	42.727	43.392	-31.273	74.000	-0.665	PK
2	*	15540.000	44.005	42.434	-29.995	74.000	1.571	PK



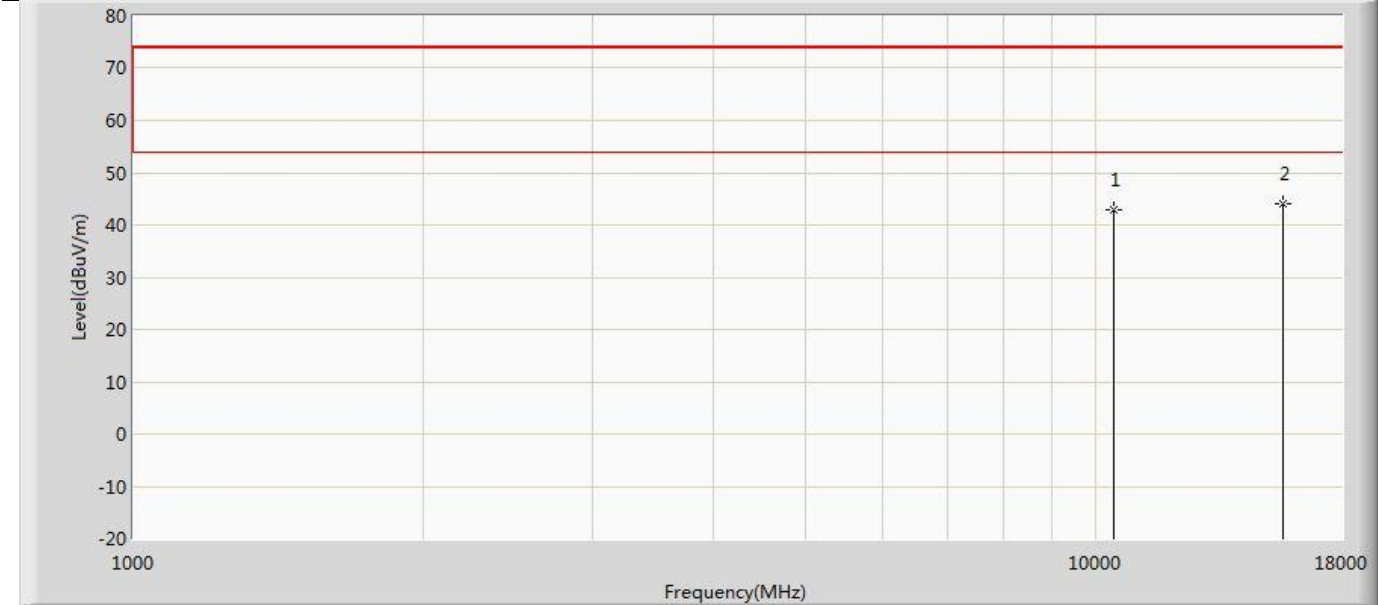
Profile: 22A0153R	Page No.: 70
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5180MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	42.693	43.358	-31.307	74.000	-0.665	PK
2	*	15540.000	43.942	42.371	-30.058	74.000	1.571	PK



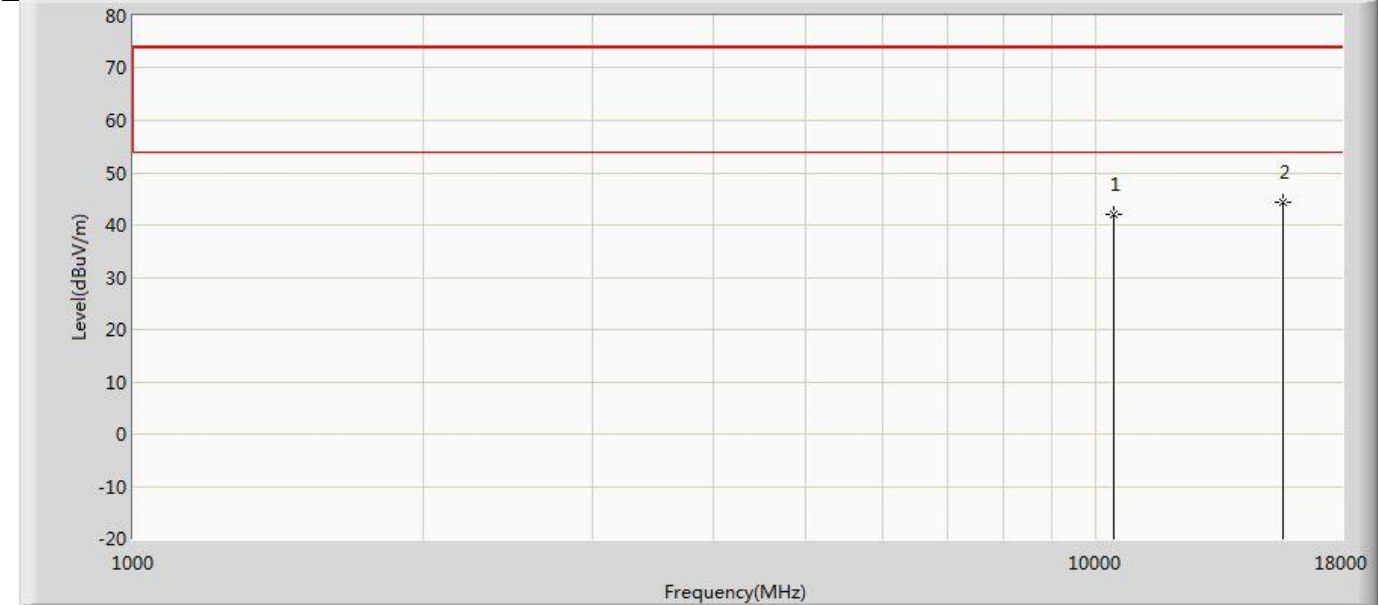
Profile: 22A0153R	Page No.: 71
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5220MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	42.840	43.616	-31.160	74.000	-0.776	PK
2	*	15660.000	44.152	42.324	-29.848	74.000	1.828	PK



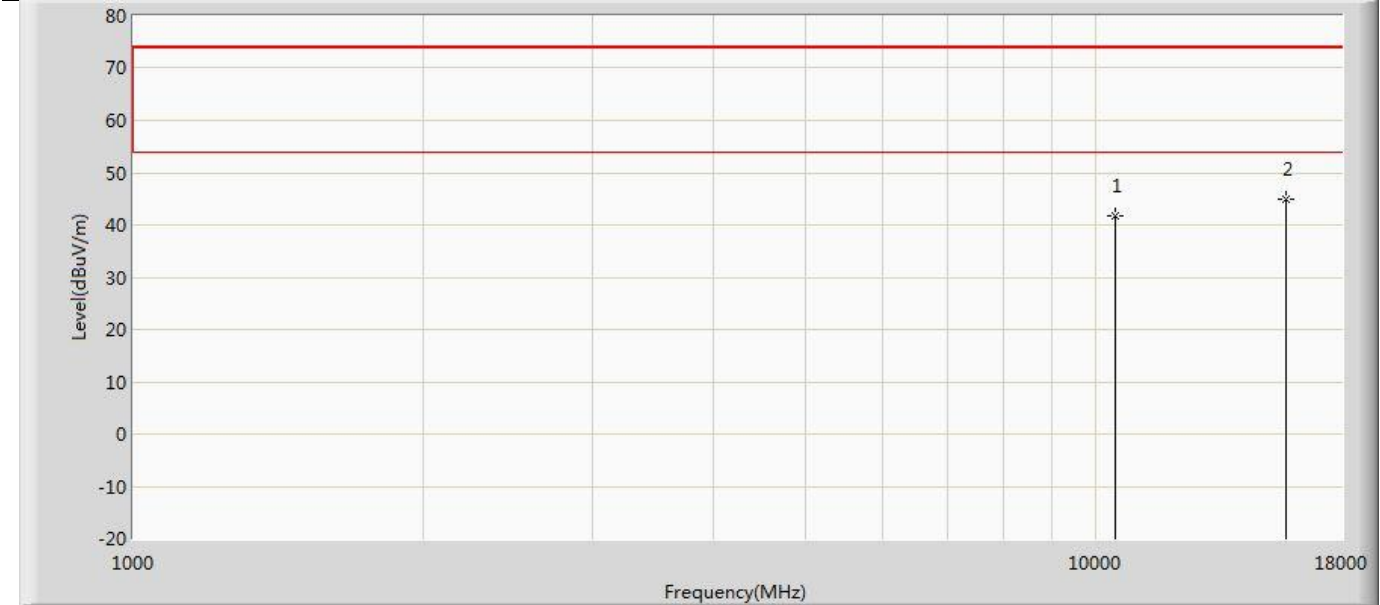
Profile: 22A0153R	Page No.: 72
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5220MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	42.004	42.780	-31.996	74.000	-0.776	PK
2	*	15660.000	44.342	42.514	-29.658	74.000	1.828	PK



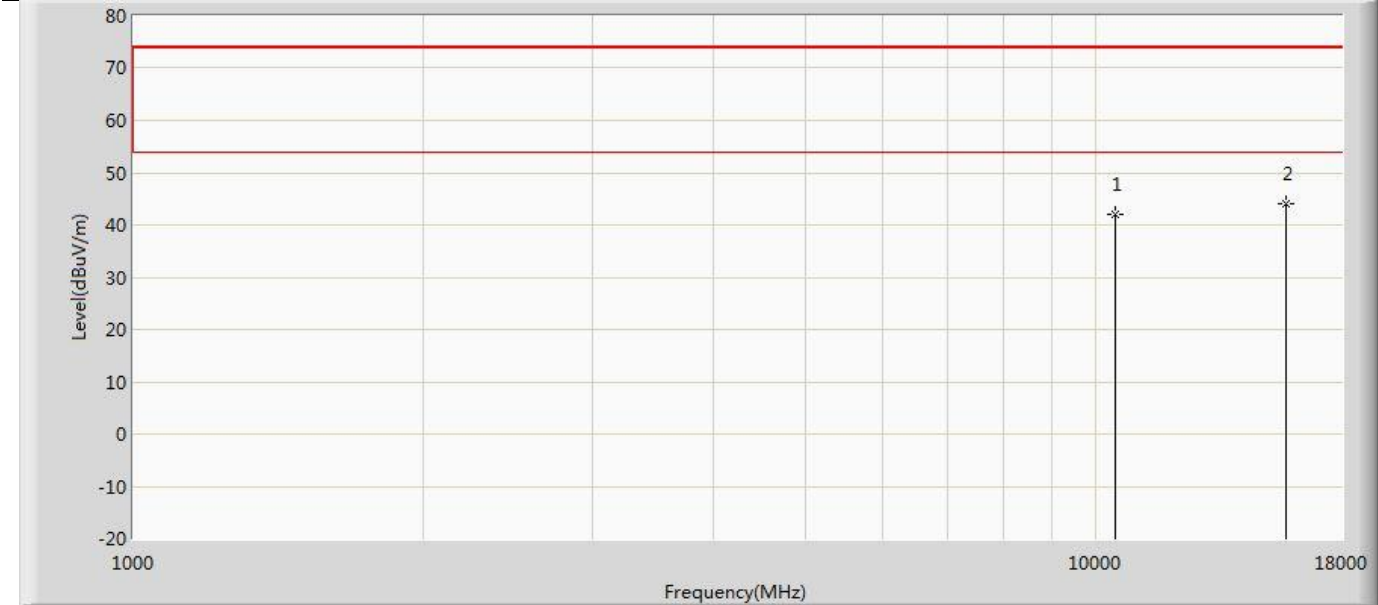
Profile: 22A0153R	Page No.: 73
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5240MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	41.651	42.407	-32.349	74.000	-0.757	PK
2	*	15720.000	44.792	42.669	-29.208	74.000	2.122	PK



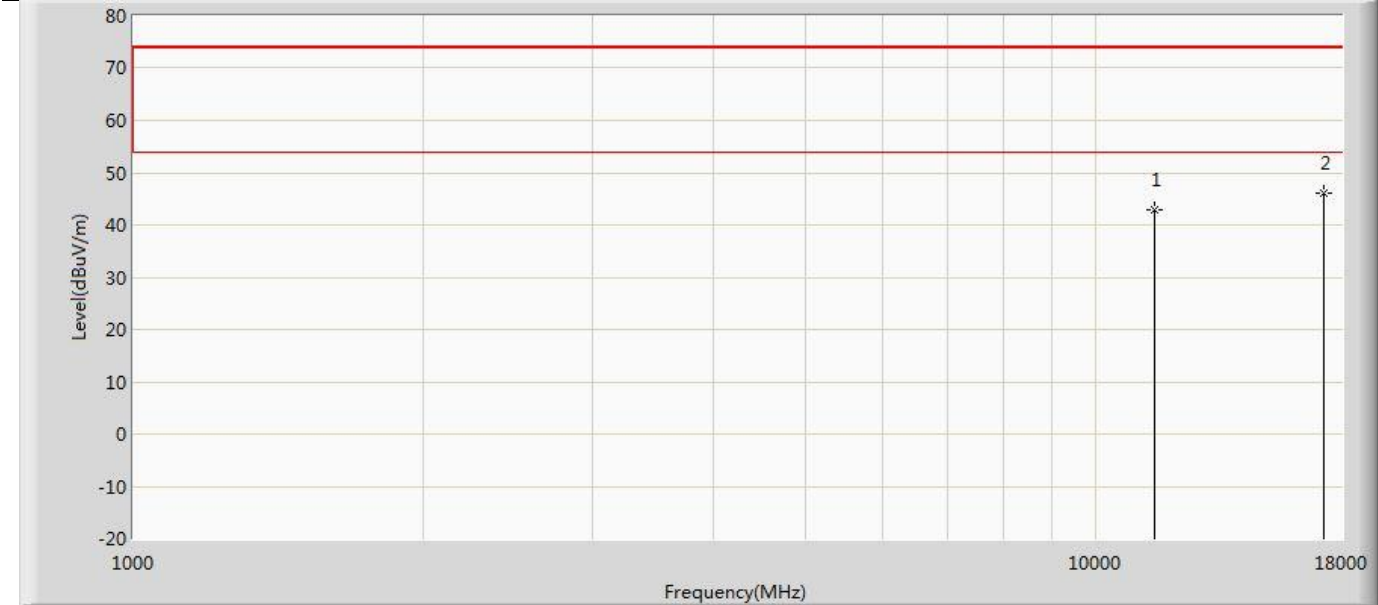
Profile: 22A0153R	Page No.: 74
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5240MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	41.892	42.648	-32.108	74.000	-0.757	PK
2	*	15720.000	44.074	41.951	-29.926	74.000	2.122	PK



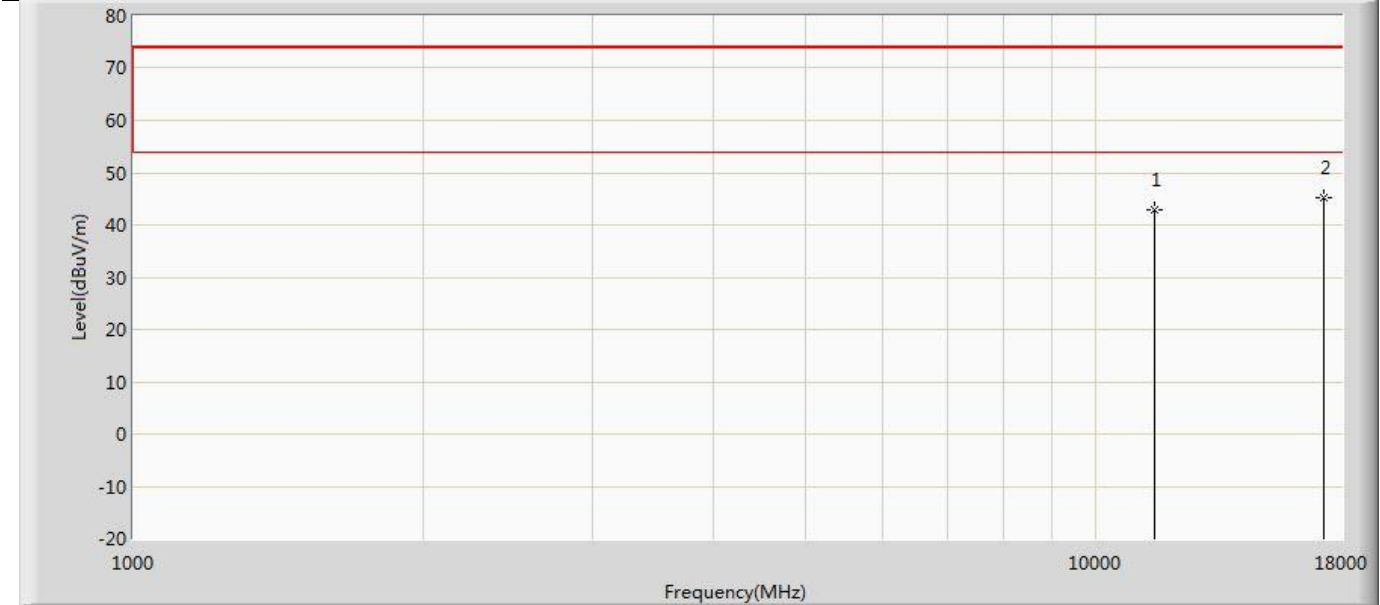
Profile: 22A0153R	Page No.: 75
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5745MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	43.022	42.911	-30.978	74.000	0.111	PK
2	*	17235.000	46.098	41.474	-27.902	74.000	4.624	PK



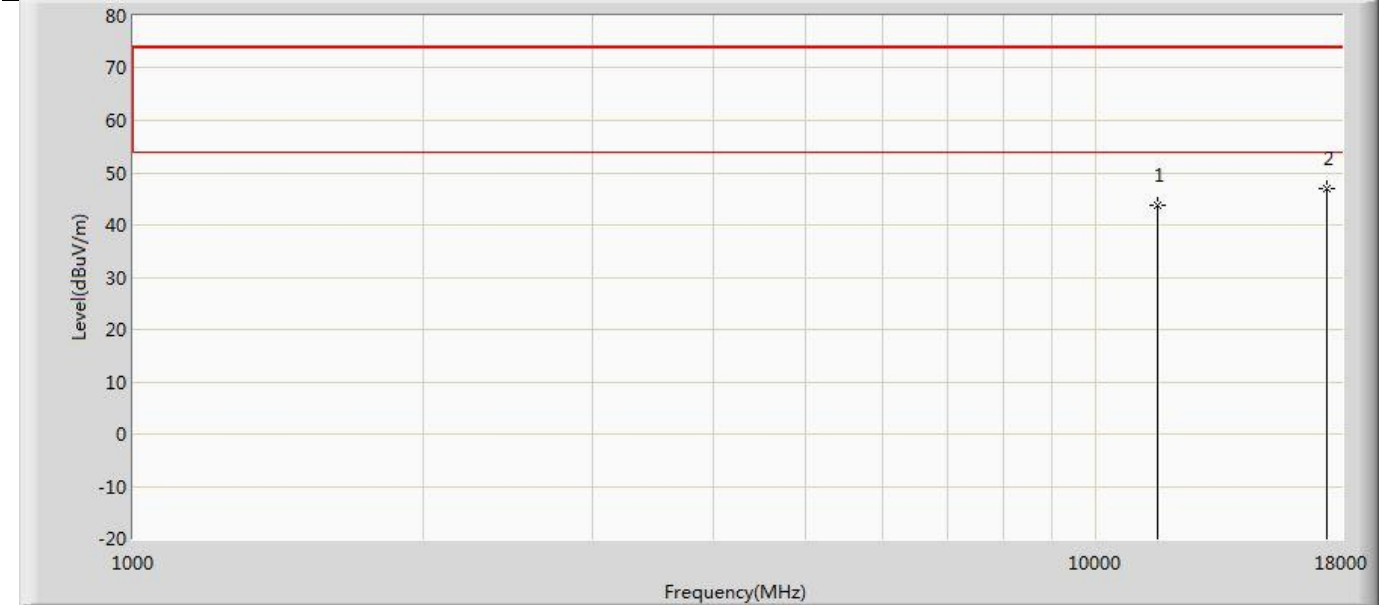
Profile: 22A0153R	Page No.: 76
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5745MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	42.949	42.838	-31.051	74.000	0.111	PK
2	*	17235.000	45.098	40.474	-28.902	74.000	4.624	PK



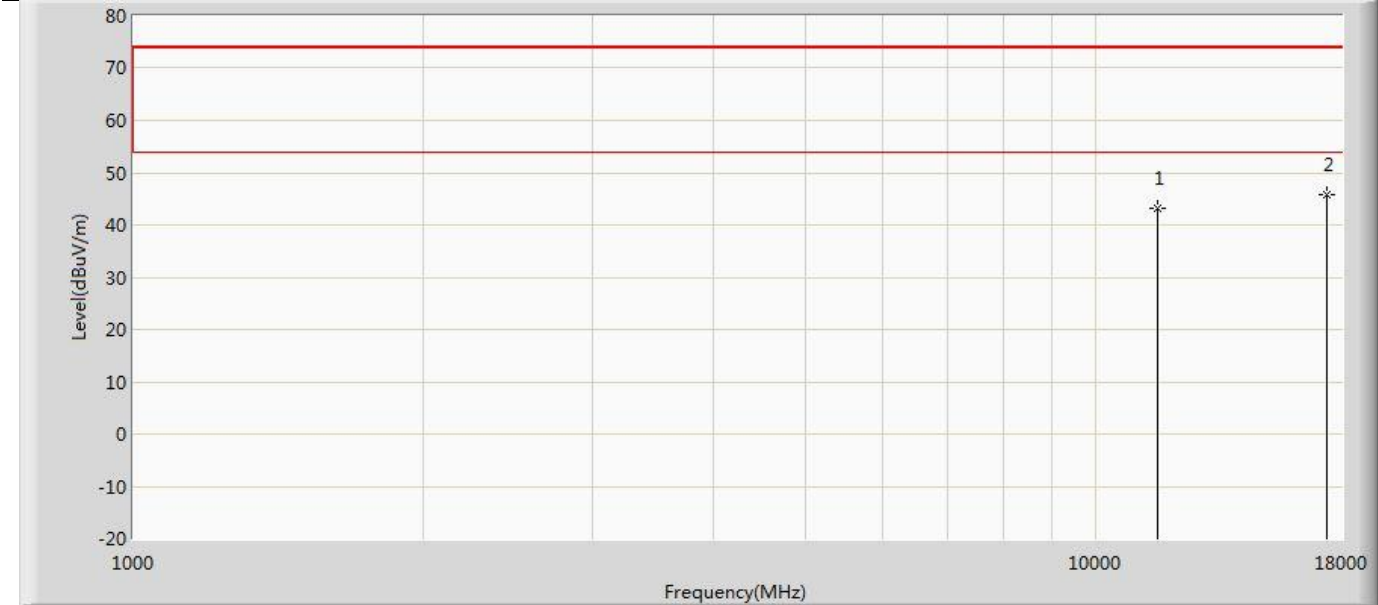
Profile: 22A0153R	Page No.: 77
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5785MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	43.712	43.132	-30.288	74.000	0.580	PK
2	*	17355.000	47.011	41.821	-26.989	74.000	5.190	PK



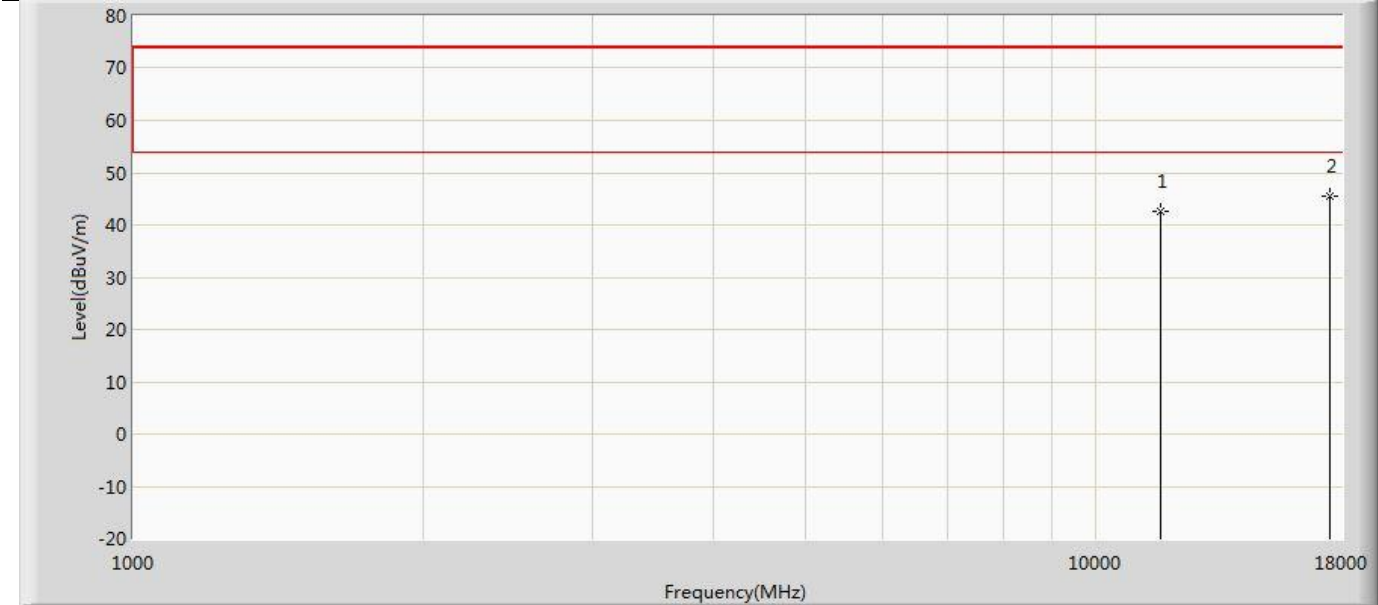
Profile: 22A0153R	Page No.: 78
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5785MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	43.203	42.623	-30.797	74.000	0.580	PK
2	*	17355.000	45.908	40.718	-28.092	74.000	5.190	PK



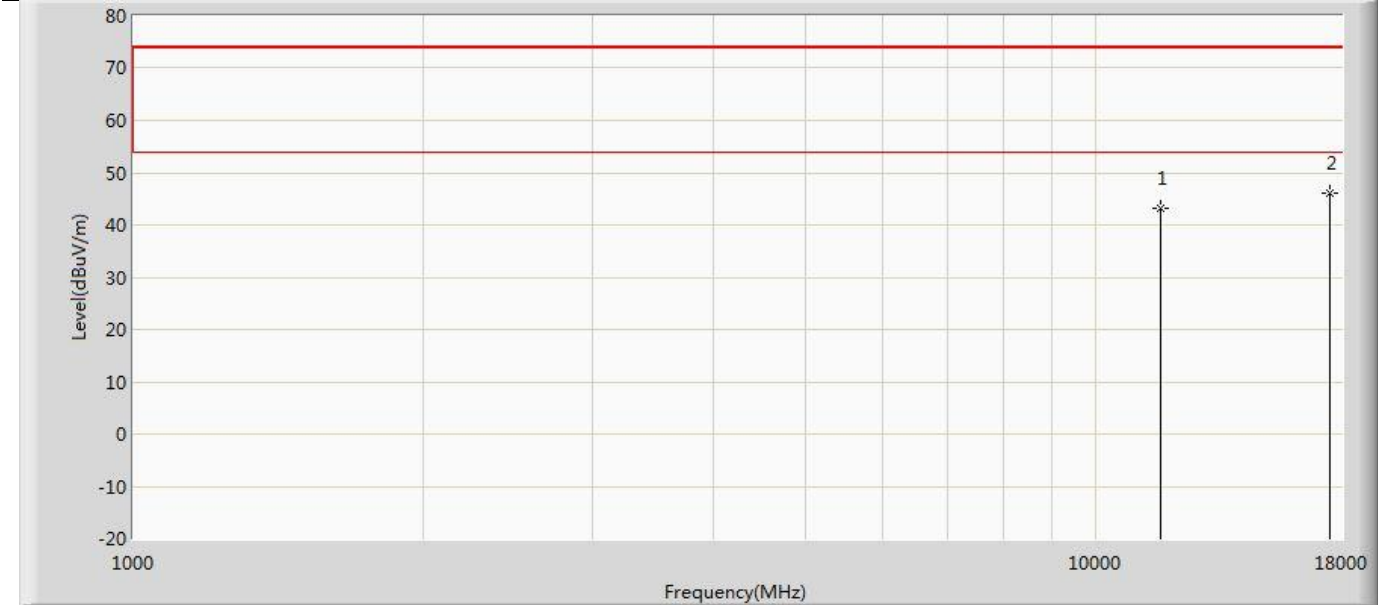
Profile: 22A0153R	Page No.: 79
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5825MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	42.650	42.117	-31.350	74.000	0.533	PK
2	*	17475.000	45.424	40.315	-28.576	74.000	5.109	PK



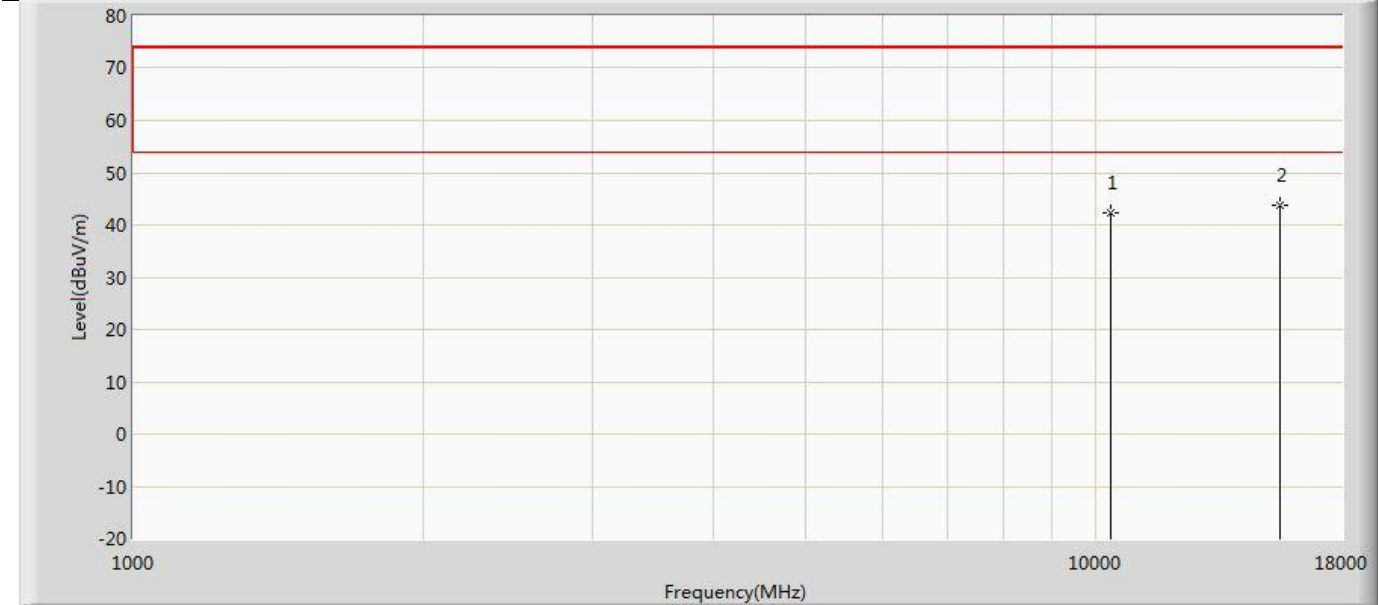
Profile: 22A0153R	Page No.: 80
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5825MHz by 802.11n(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	43.187	42.654	-30.813	74.000	0.533	PK
2	*	17475.000	46.019	40.910	-27.981	74.000	5.109	PK



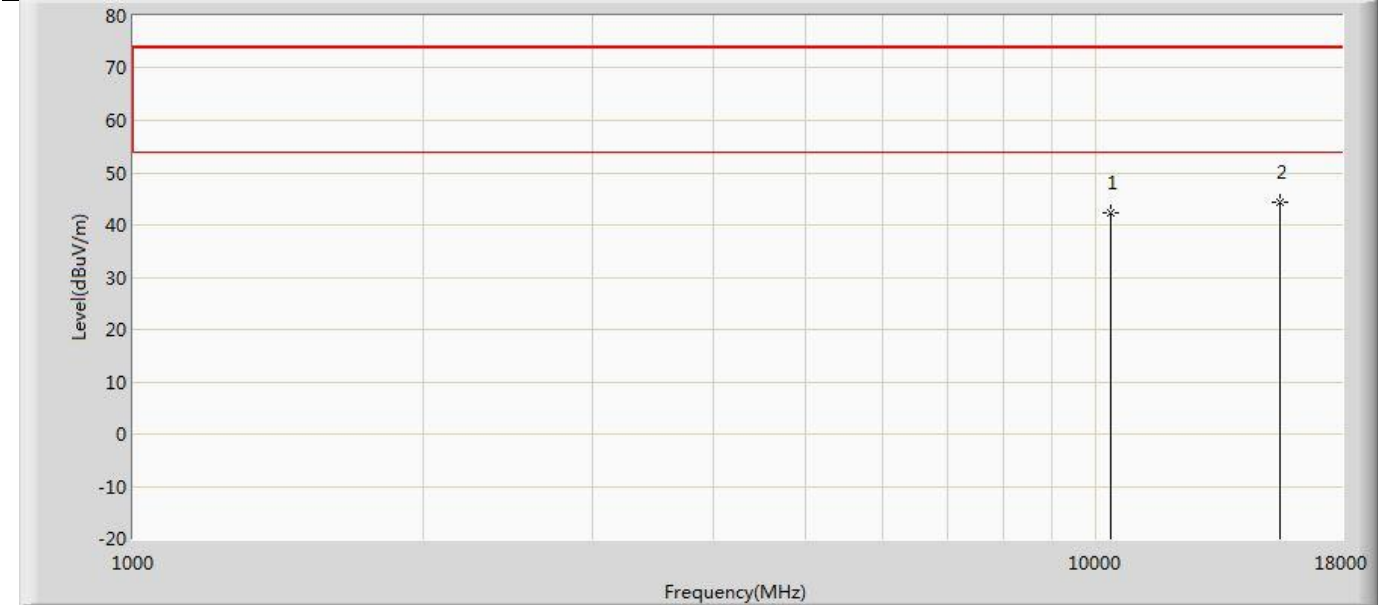
Profile: 22A0153R	Page No.: 81
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5180MHz by 802.11ac(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	42.276	42.941	-31.724	74.000	-0.665	PK
2	*	15540.000	43.837	42.266	-30.163	74.000	1.571	PK



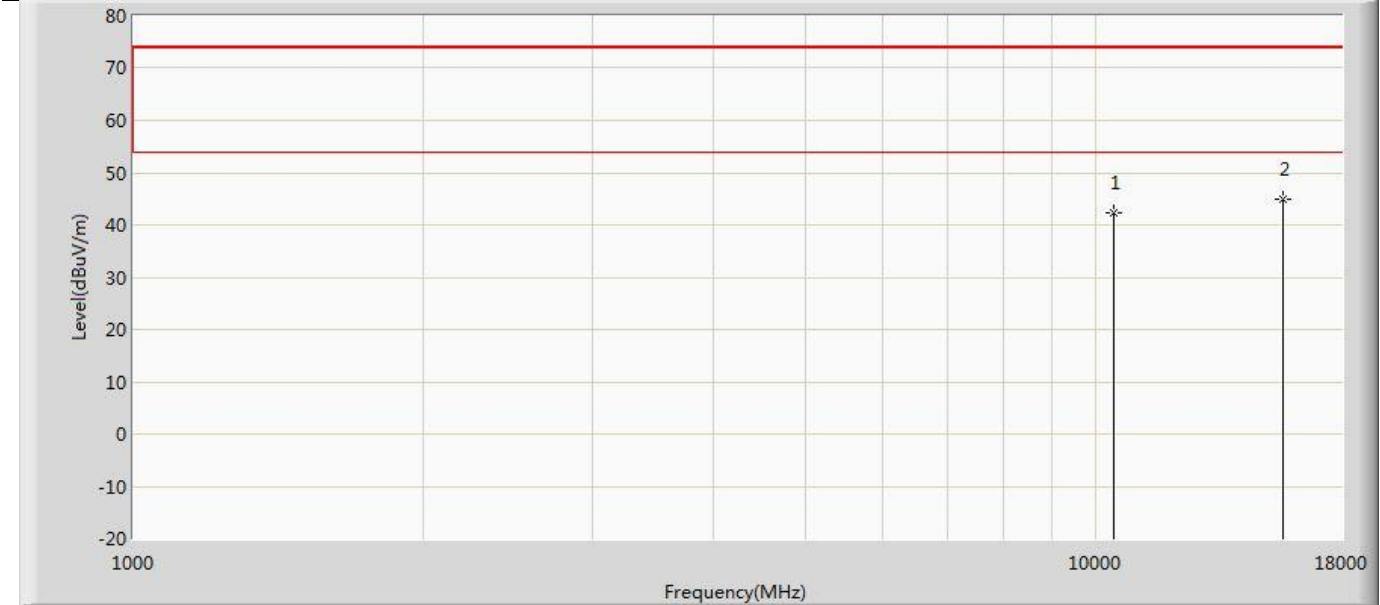
Profile: 22A0153R	Page No.: 82
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5180MHz by 802.11ac(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	42.179	42.844	-31.821	74.000	-0.665	PK
2	*	15540.000	44.339	42.768	-29.661	74.000	1.571	PK



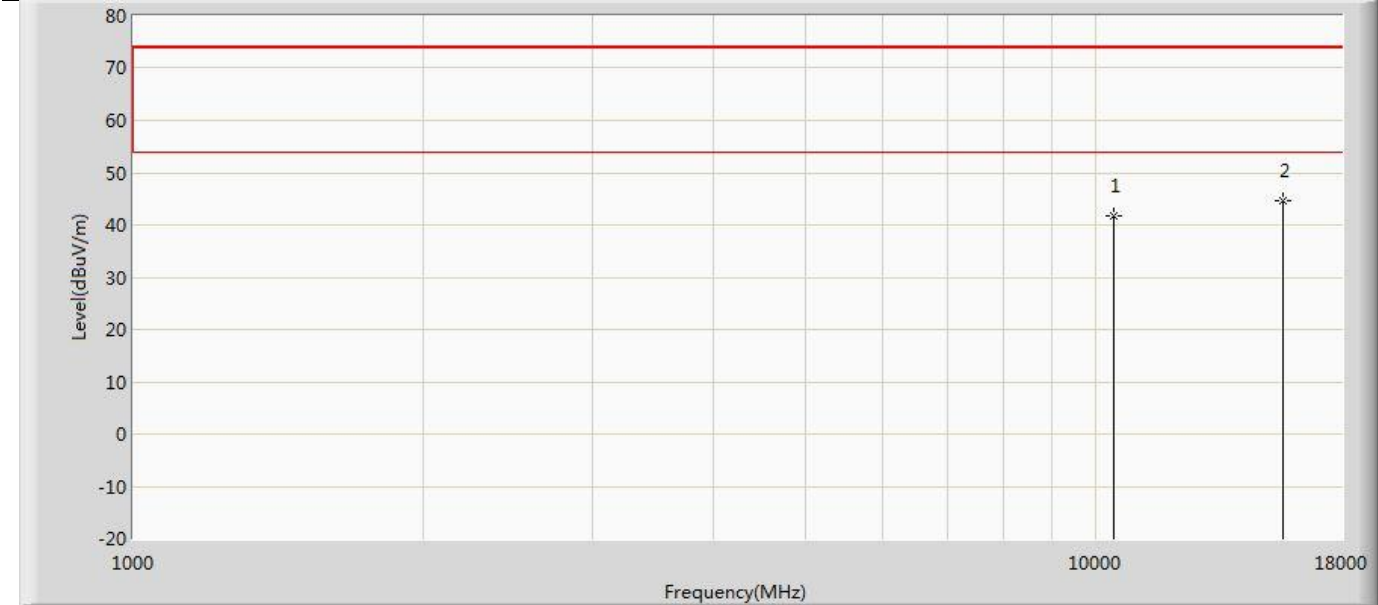
Profile: 22A0153R	Page No.: 83
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5220MHz by 802.11ac(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	42.338	43.114	-31.662	74.000	-0.776	PK
2	*	15660.000	44.810	42.982	-29.190	74.000	1.828	PK



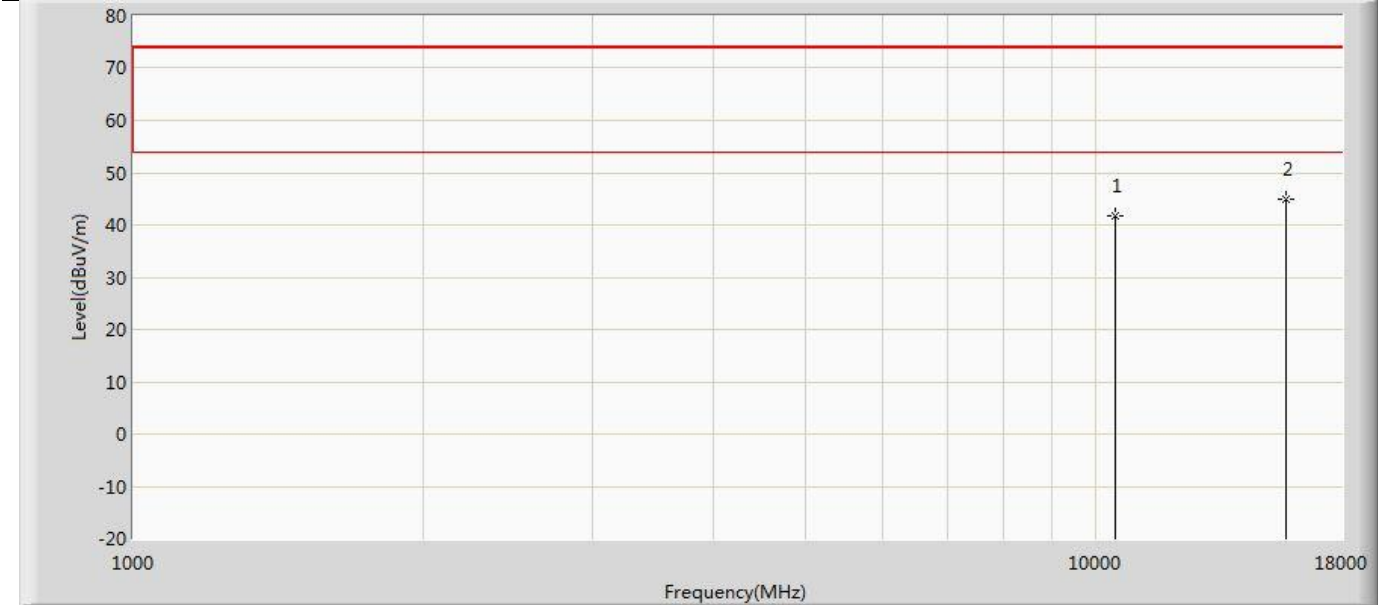
Profile: 22A0153R	Page No.: 84
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5220MHz by 802.11ac(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	41.606	42.382	-32.394	74.000	-0.776	PK
2	*	15660.000	44.495	42.667	-29.505	74.000	1.828	PK



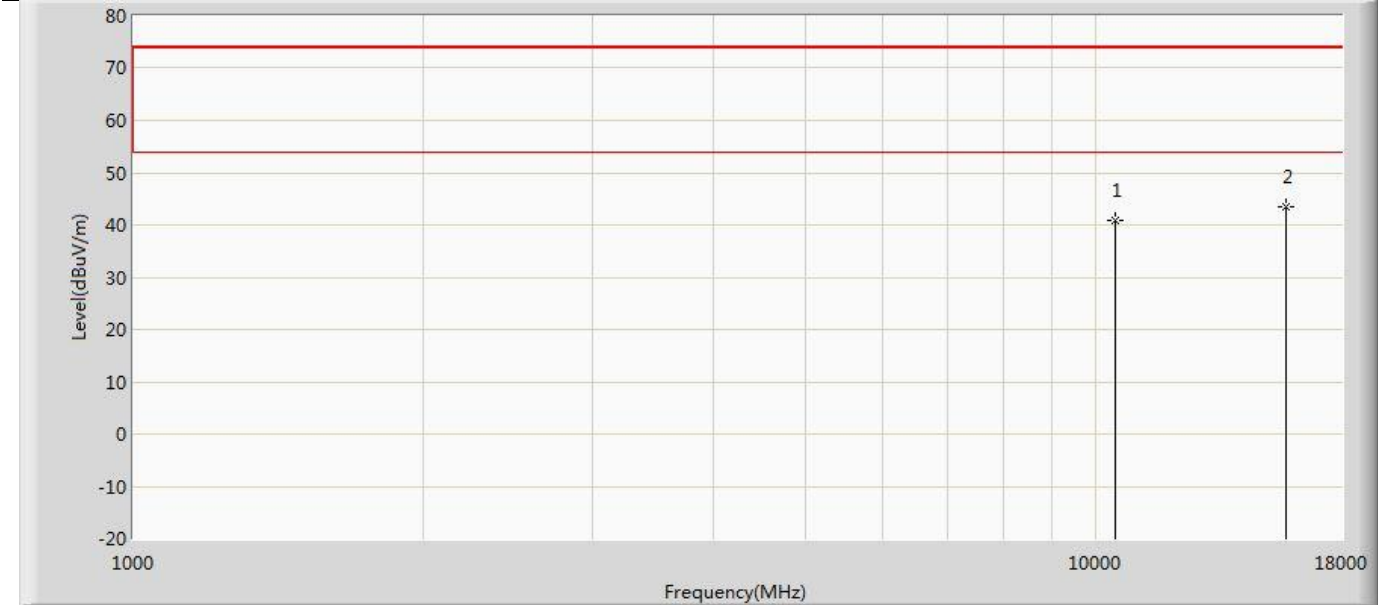
Profile: 22A0153R	Page No.: 85
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5240MHz by 802.11ac(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	41.825	42.581	-32.175	74.000	-0.757	PK
2	*	15720.000	44.984	42.861	-29.016	74.000	2.122	PK



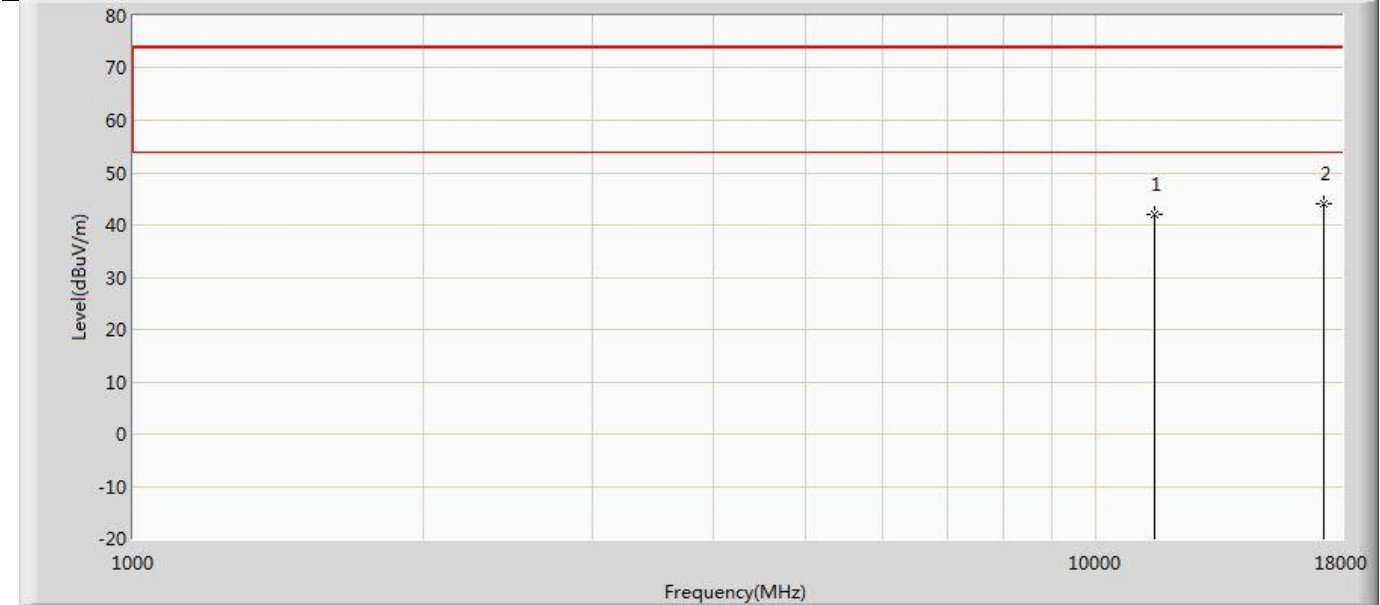
Profile: 22A0153R	Page No.: 86
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5240MHz by 802.11ac(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	40.766	41.522	-33.234	74.000	-0.757	PK
2	*	15720.000	43.384	41.261	-30.616	74.000	2.122	PK



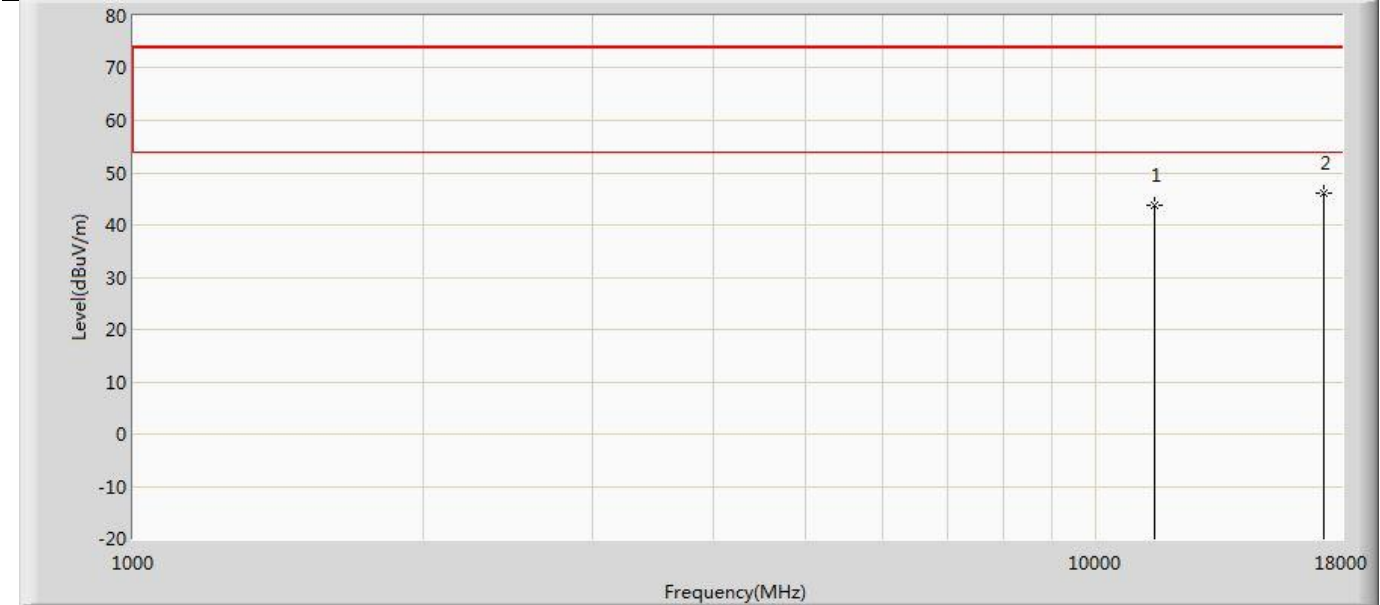
Profile: 22A0153R	Page No.: 87
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5745MHz by 802.11ac(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	42.047	41.936	-31.953	74.000	0.111	PK
2	*	17235.000	44.020	39.396	-29.980	74.000	4.624	PK



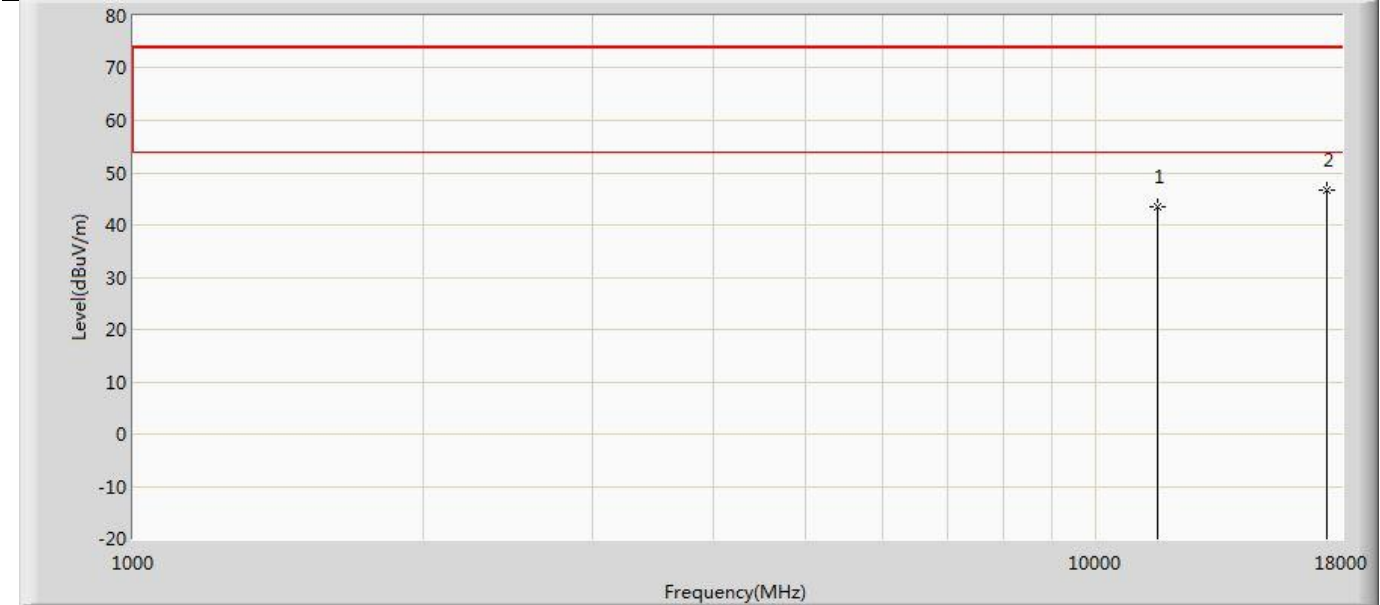
Profile: 22A0153R	Page No.: 88
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5745MHz by 802.11ac(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	43.750	43.639	-30.250	74.000	0.111	PK
2	*	17235.000	46.159	41.535	-27.841	74.000	4.624	PK



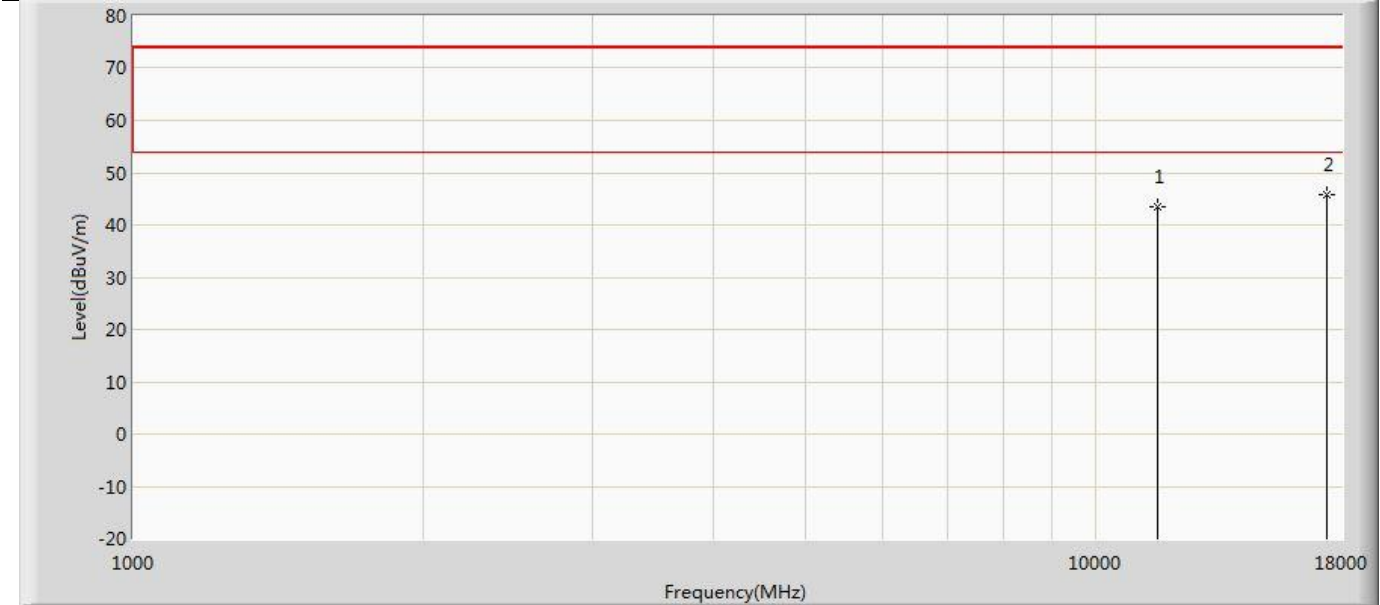
Profile: 22A0153R	Page No.: 89
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5785MHz by 802.11ac(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	43.446	42.866	-30.554	74.000	0.580	PK
2	*	17355.000	46.694	41.504	-27.306	74.000	5.190	PK



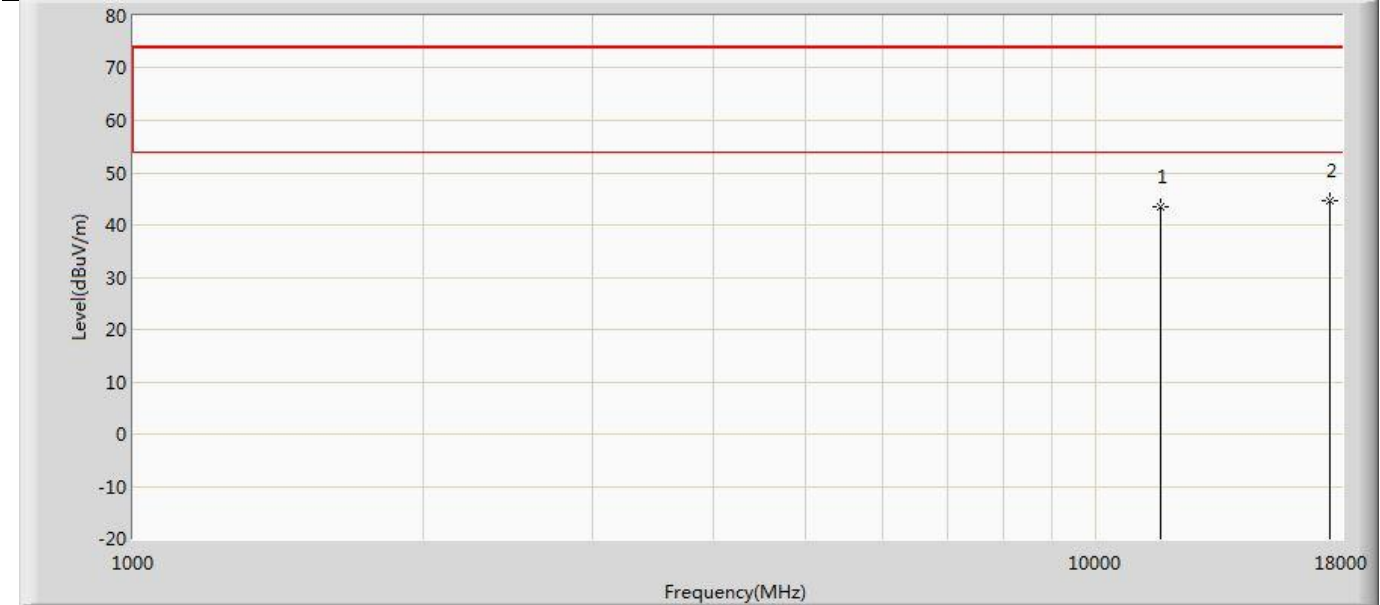
Profile: 22A0153R	Page No.: 90
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5785MHz by 802.11ac(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	43.592	43.012	-30.408	74.000	0.580	PK
2	*	17355.000	45.852	40.662	-28.148	74.000	5.190	PK



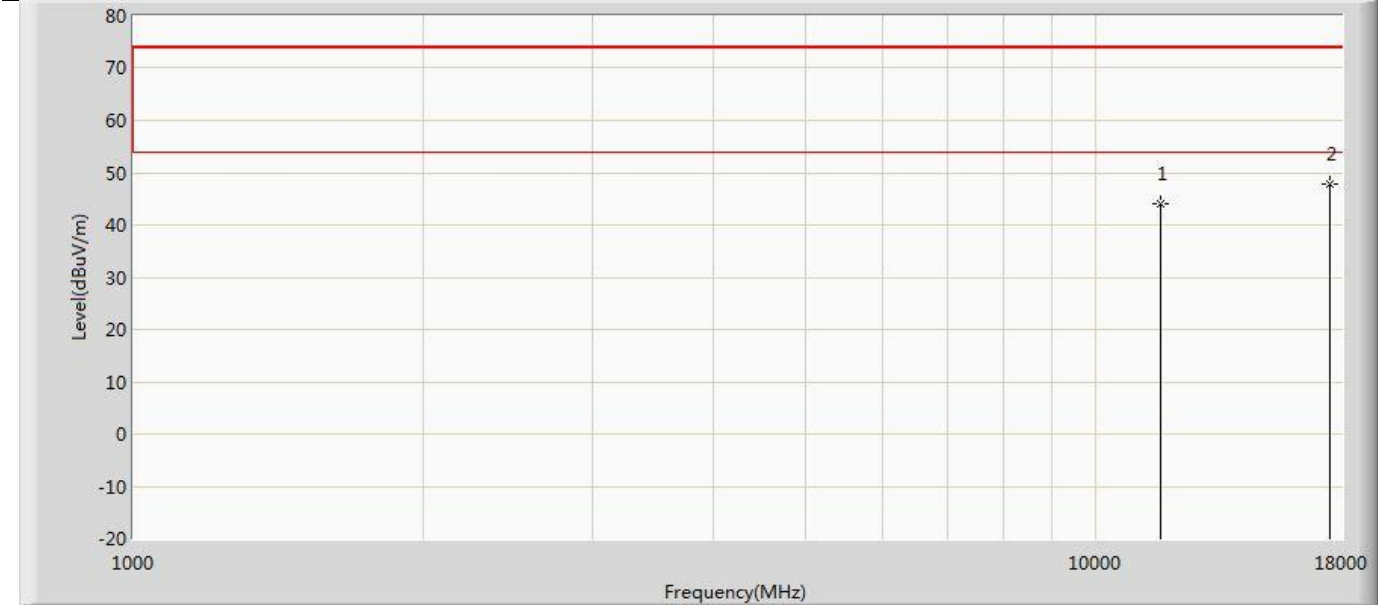
Profile: 22A0153R	Page No.: 91
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5825MHz by 802.11ac(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	43.615	43.082	-30.385	74.000	0.533	PK
2	*	17475.000	44.669	39.560	-29.331	74.000	5.109	PK



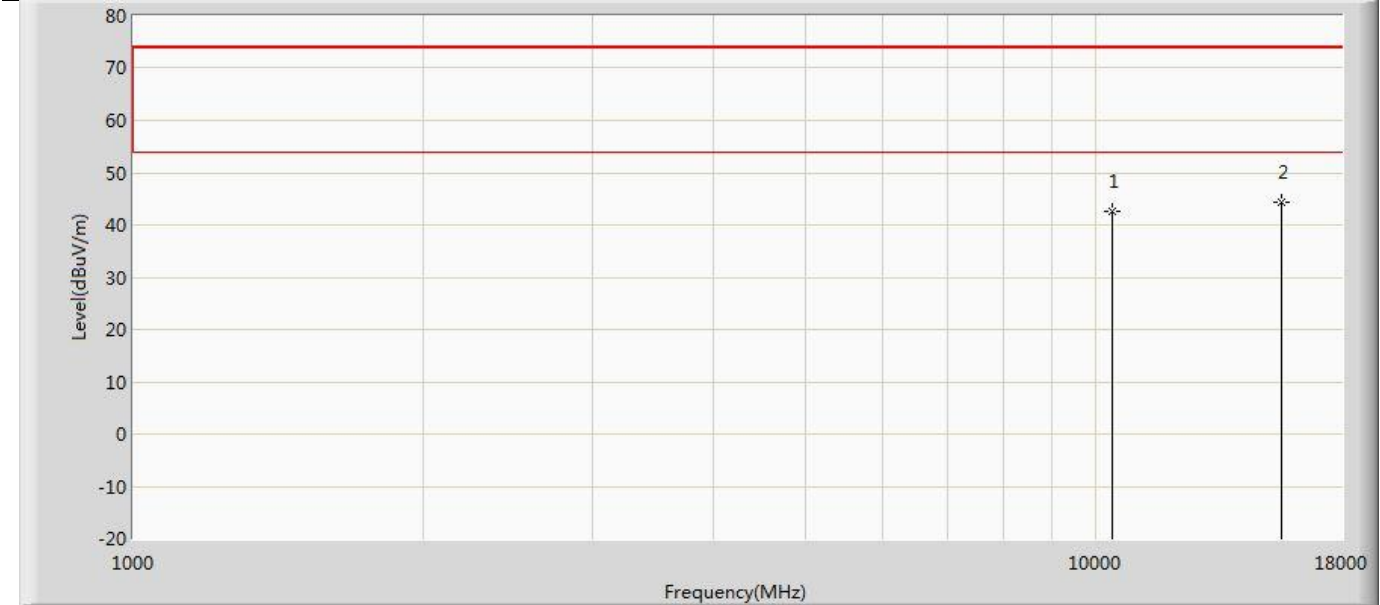
Profile: 22A0153R	Page No.: 92
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5825MHz by 802.11ac(20MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	44.051	43.518	-29.949	74.000	0.533	PK
2	*	17475.000	47.733	42.624	-26.267	74.000	5.109	PK



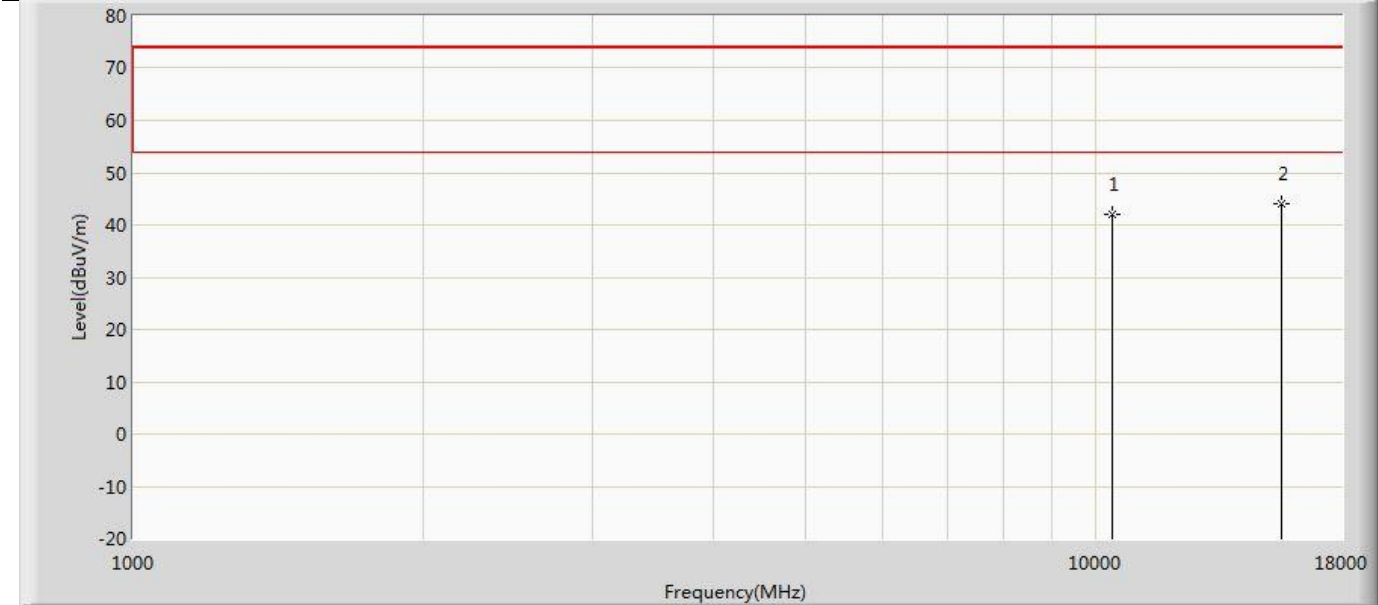
Profile: 22A0153R	Page No.: 93
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5190MHz by 802.11n(40MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	42.734	43.474	-31.266	74.000	-0.740	PK
2	*	15570.000	44.472	42.603	-29.528	74.000	1.869	PK



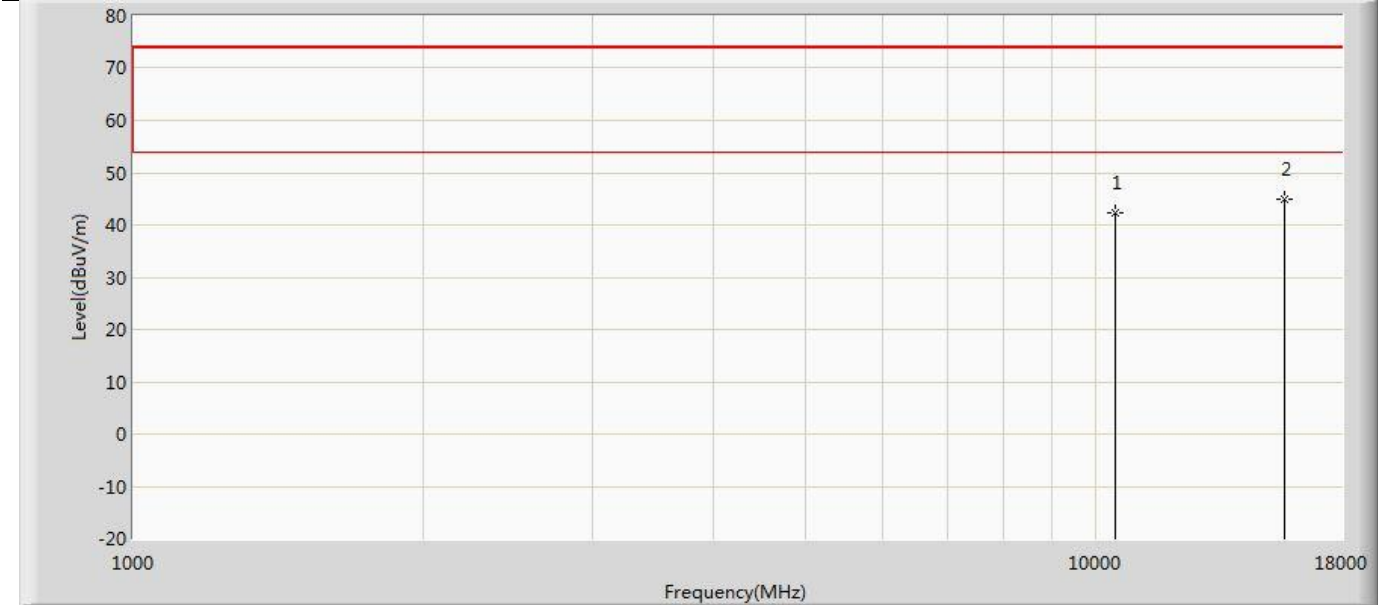
Profile: 22A0153R	Page No.: 94
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5190MHz by 802.11n(40MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	41.951	42.691	-32.049	74.000	-0.740	PK
2	*	15570.000	44.087	42.218	-29.913	74.000	1.869	PK



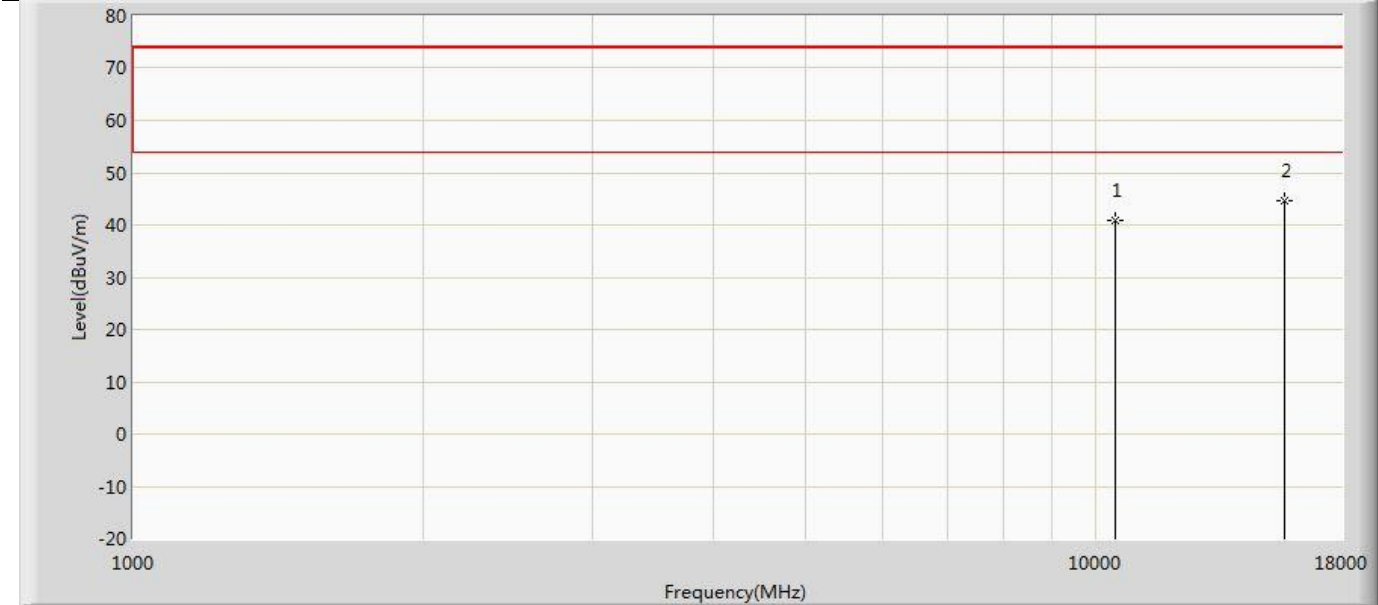
Profile: 22A0153R	Page No.: 95
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5230MHz by 802.11n(40MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	42.375	43.053	-31.625	74.000	-0.678	PK
2	*	15690.000	45.047	42.747	-28.953	74.000	2.300	PK



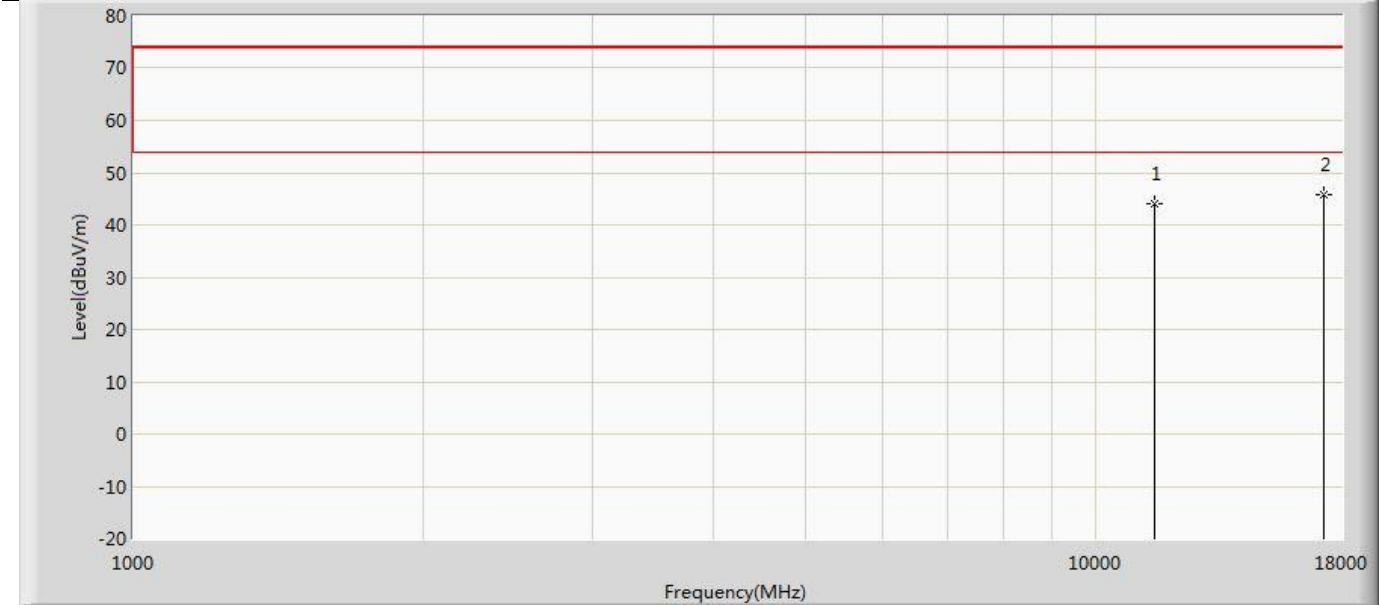
Profile: 22A0153R	Page No.: 96
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5230MHz by 802.11n(40MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	40.861	41.539	-33.139	74.000	-0.678	PK
2	*	15690.000	44.669	42.369	-29.331	74.000	2.300	PK



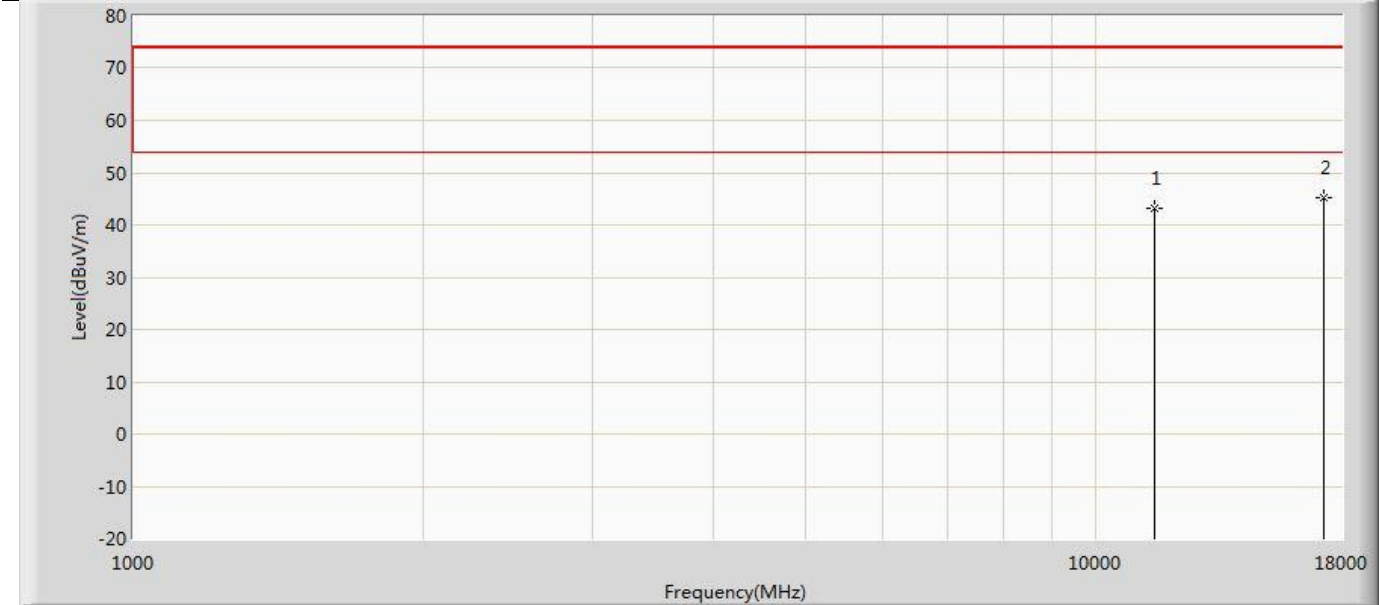
Profile: 22A0153R	Page No.: 97
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5755MHz by 802.11n(40MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	43.994	43.645	-30.006	74.000	0.349	PK
2	*	17265.000	45.741	40.754	-28.259	74.000	4.987	PK



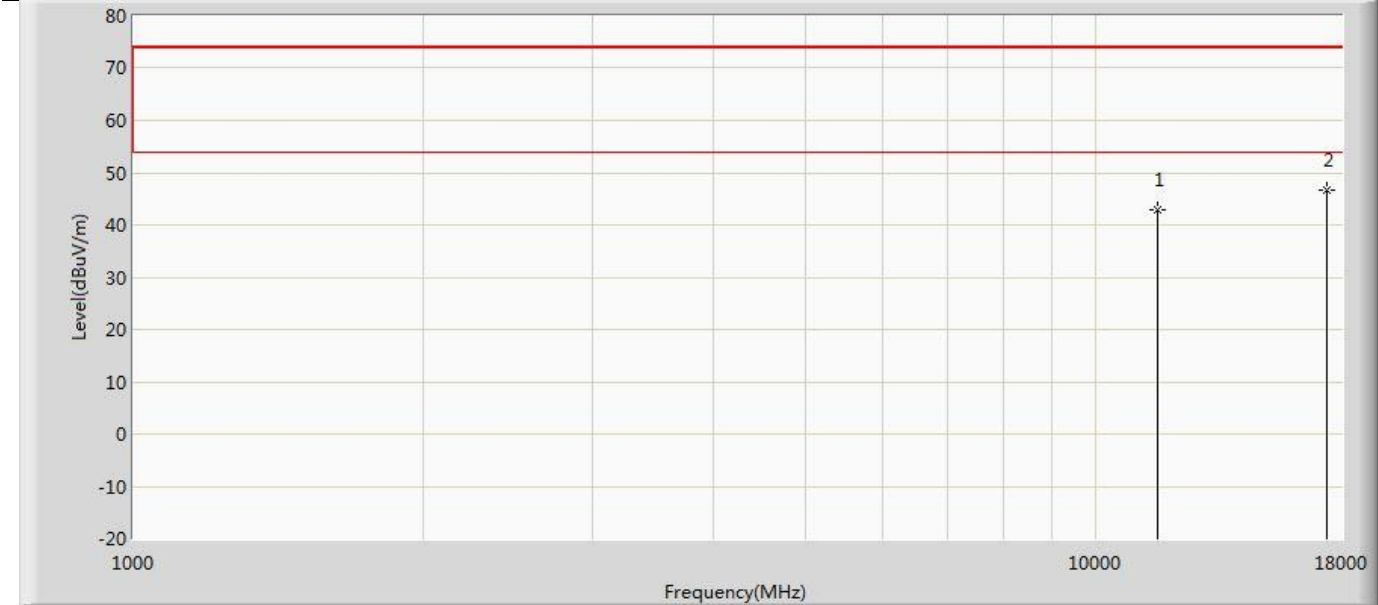
Profile: 22A0153R	Page No.: 98
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5755MHz by 802.11n(40MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	43.167	42.818	-30.833	74.000	0.349	PK
2	*	17265.000	45.229	40.242	-28.771	74.000	4.987	PK



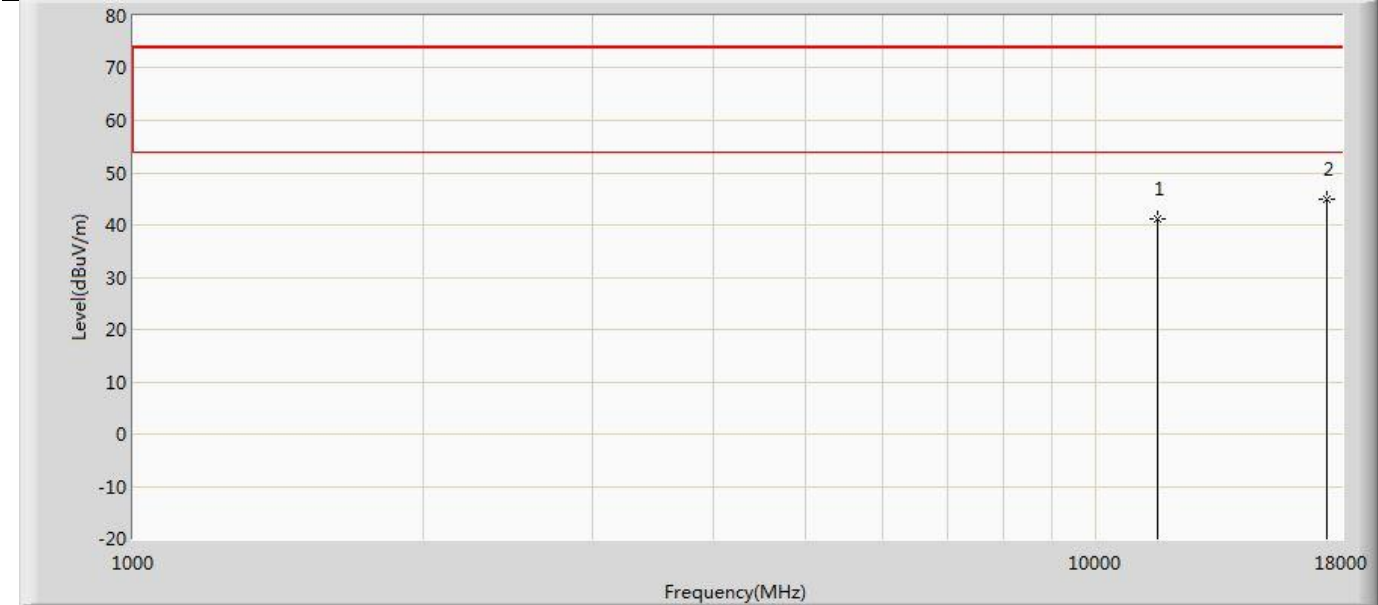
Profile: 22A0153R	Page No.: 99
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5795MHz by 802.11n(40MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	42.842	42.713	-31.158	74.000	0.128	PK
2	*	17385.000	46.640	41.777	-27.360	74.000	4.863	PK



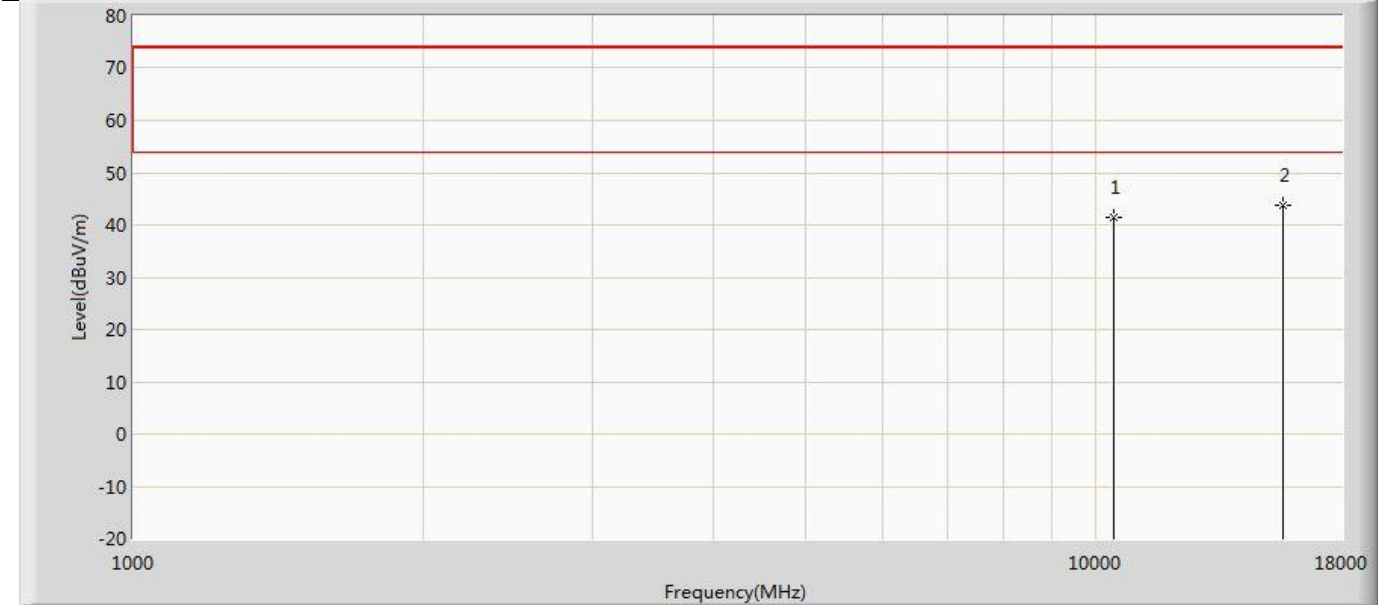
Profile: 22A0153R	Page No.: 100
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5795MHz by 802.11n(40MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	41.170	41.041	-32.830	74.000	0.128	PK
2	*	17385.000	45.055	40.192	-28.945	74.000	4.863	PK



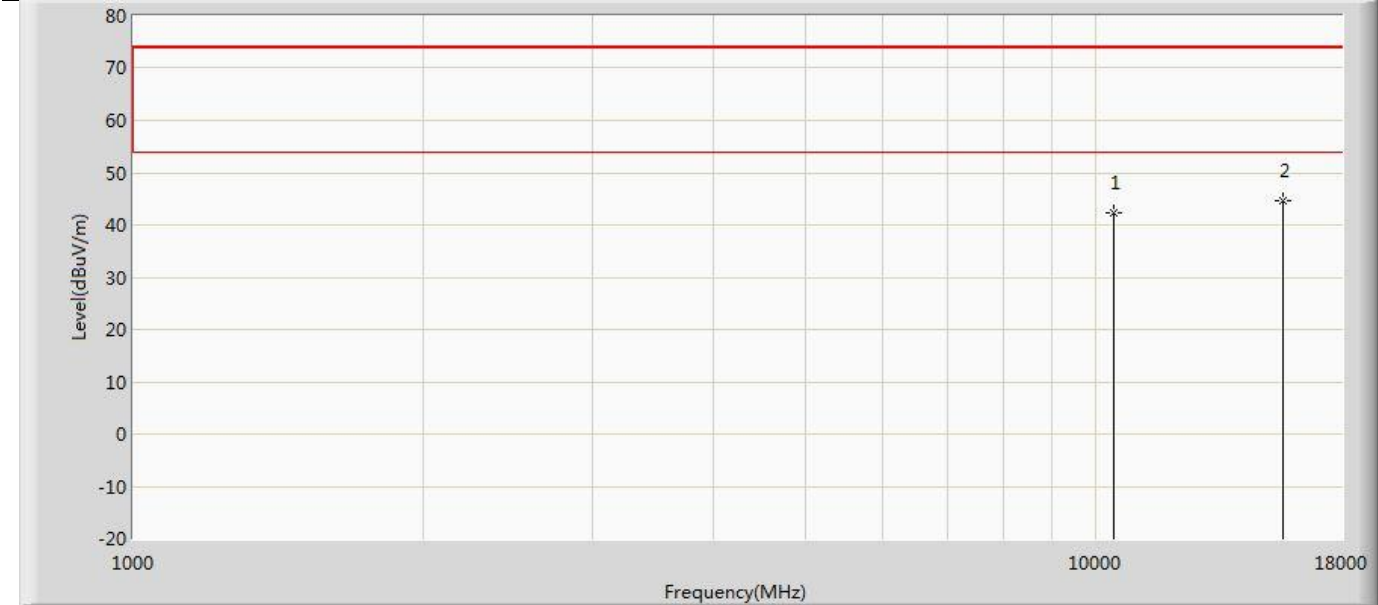
Profile: 22A0153R	Page No.: 109
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5210MHz by 802.11ac(80MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10420.000	41.403	42.067	-32.597	74.000	-0.665	PK
2	*	15630.000	43.699	41.377	-30.301	74.000	2.323	PK



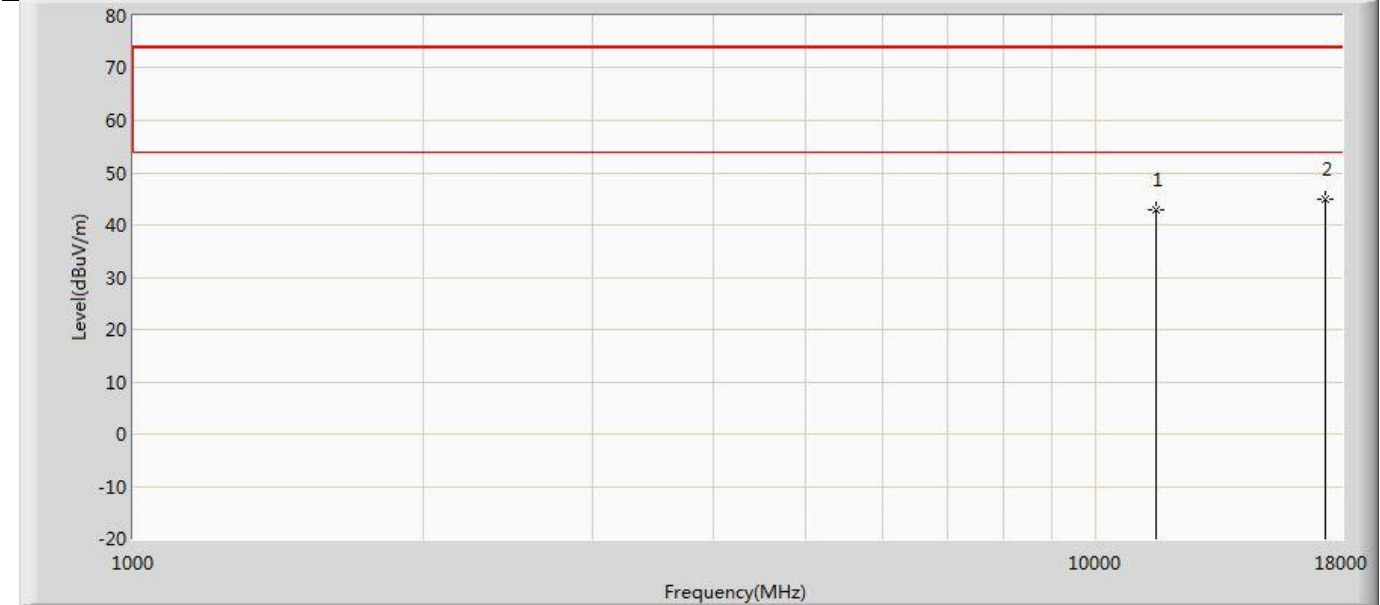
Profile: 22A0153R	Page No.: 110
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5210MHz by 802.11ac(80MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10420.000	42.347	43.011	-31.653	74.000	-0.665	PK
2	*	15630.000	44.765	42.443	-29.235	74.000	2.323	PK



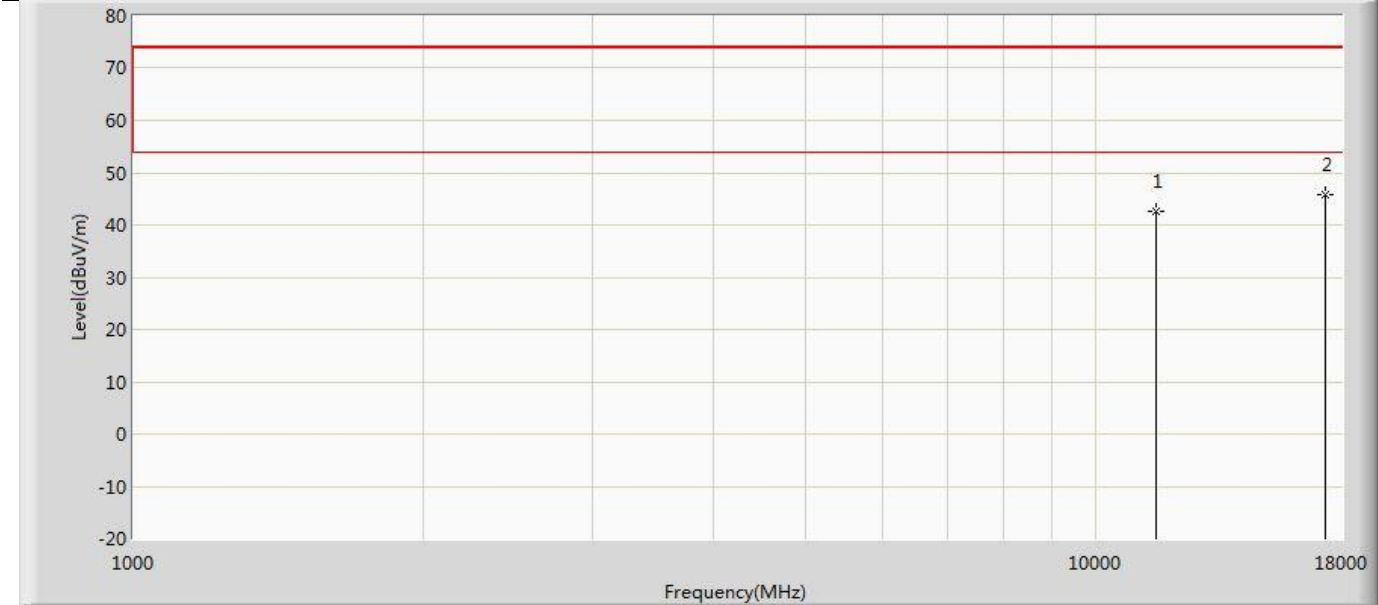
Profile: 22A0153R	Page No.: 111
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5775MHz by 802.11ac(80MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11550.000	42.772	42.348	-31.228	74.000	0.424	PK
2	*	17325.000	45.064	40.646	-28.936	74.000	4.418	PK



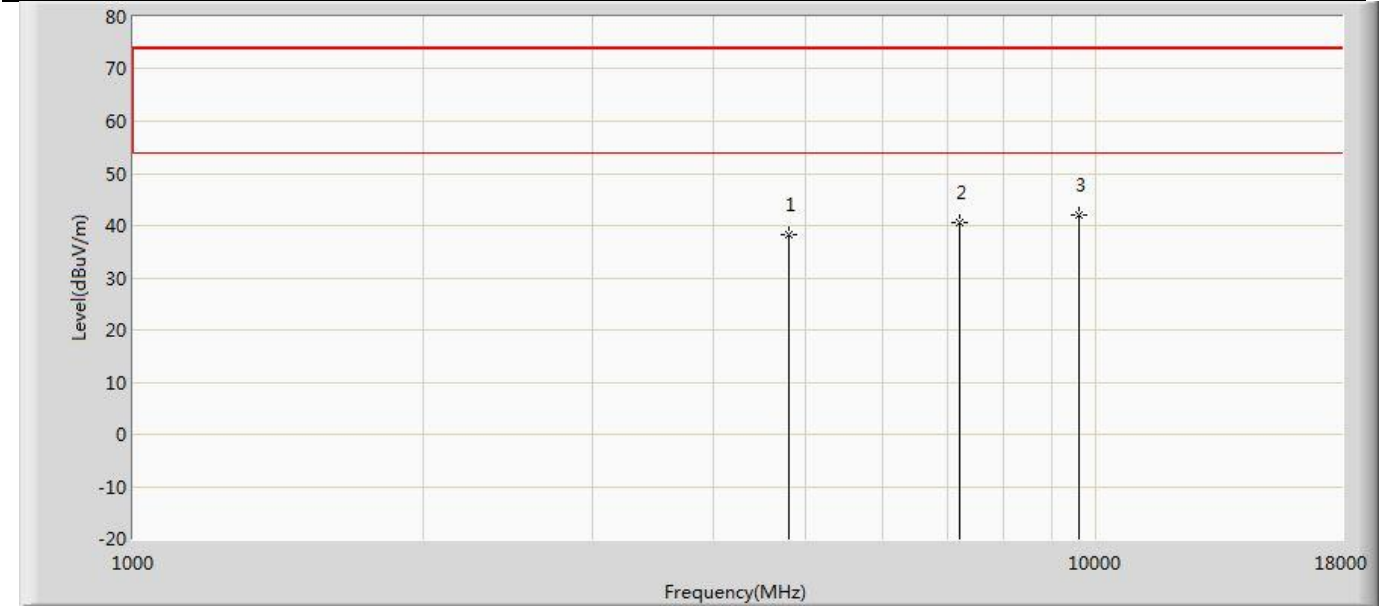
Profile: 22A0153R	Page No.: 112
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 5775MHz by 802.11ac(80MHz)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11550.000	42.707	42.283	-31.293	74.000	0.424	PK
2	*	17325.000	45.803	41.385	-28.197	74.000	4.418	PK



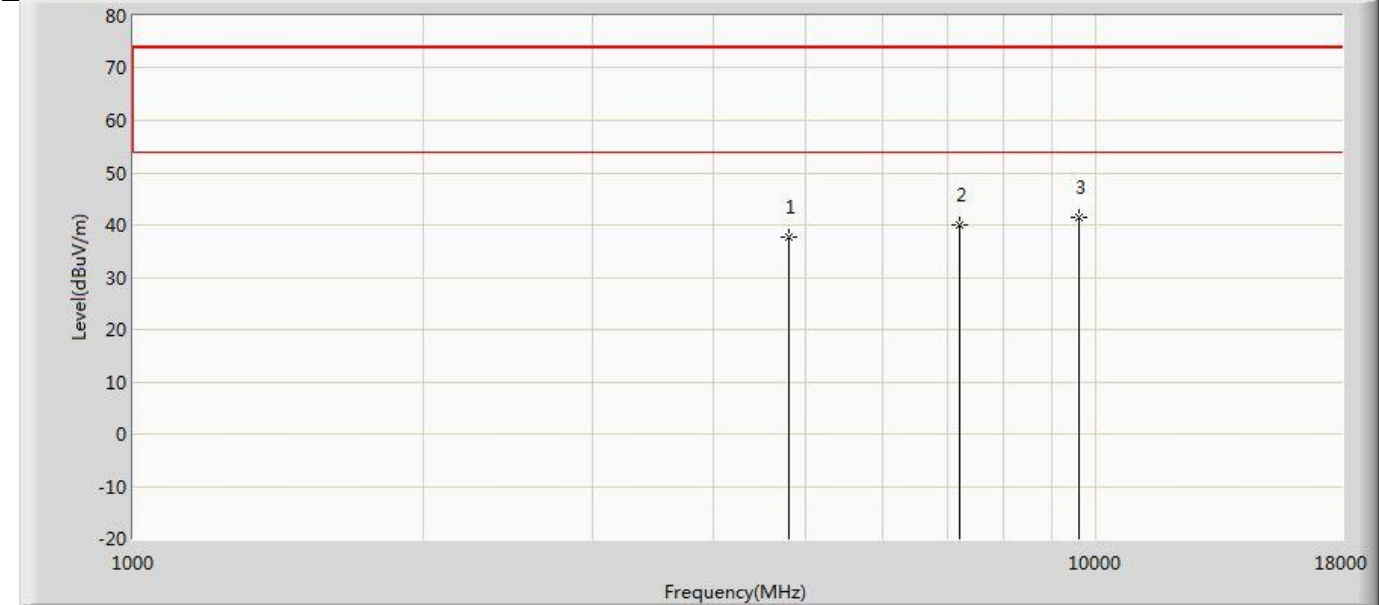
Profile: 22A0153R	Page No.: 19
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2402MHz by 1Mbps(GFSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	38.279	44.074	-35.721	74.000	-5.795	PK
2		7206.000	40.661	43.687	-33.339	74.000	-3.026	PK
3	*	9608.000	42.159	44.413	-31.841	74.000	-2.254	PK



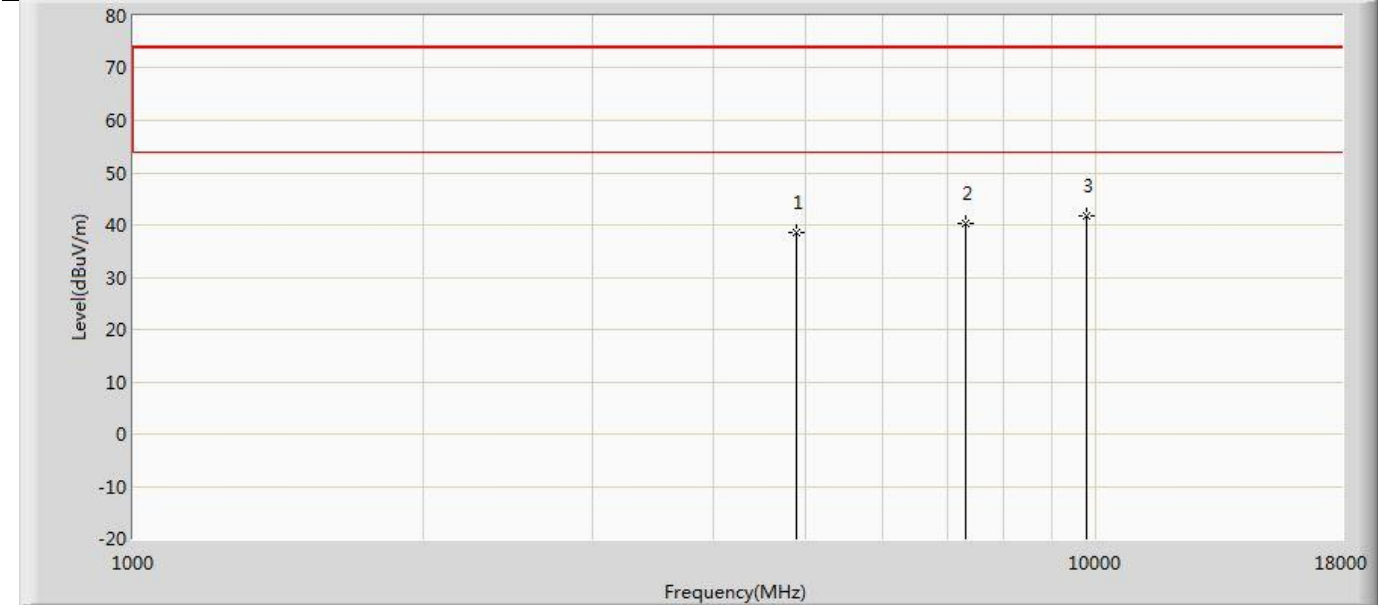
Profile: 22A0153R	Page No.: 20
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2402MHz by 1Mbps(GFSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	37.649	43.444	-36.351	74.000	-5.795	PK
2		7206.000	39.982	43.008	-34.018	74.000	-3.026	PK
3	*	9608.000	41.344	43.598	-32.656	74.000	-2.254	PK

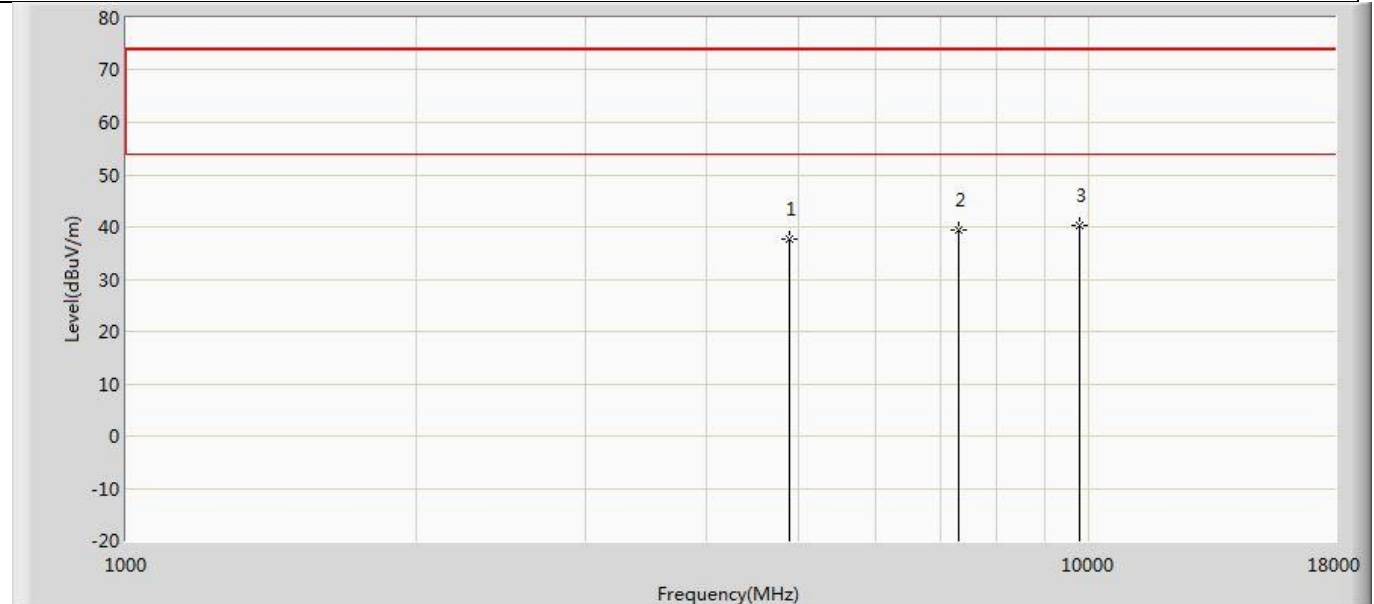


Profile: 22A0153R	Page No.: 21
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2441MHz by 1Mbps(GFSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4882.000	38.608	44.446	-35.392	74.000	-5.838	PK
2		7323.000	40.341	43.794	-33.659	74.000	-3.452	PK
3	*	9764.000	41.700	43.619	-32.300	74.000	-1.920	PK

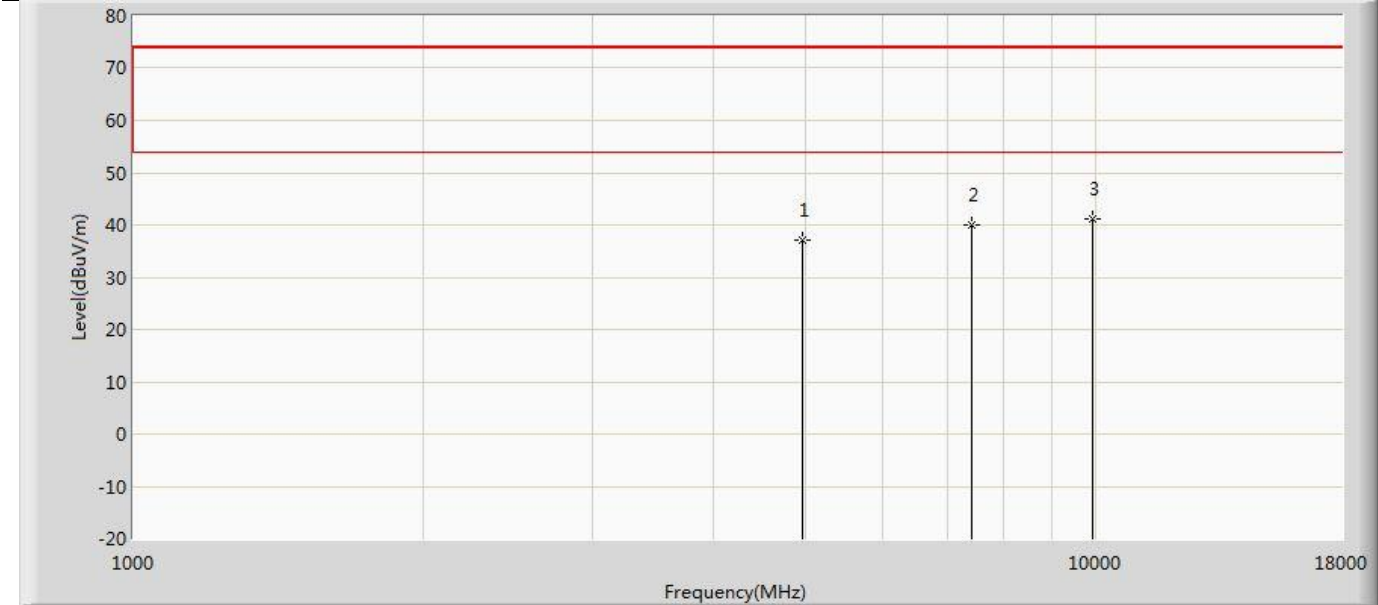
Profile: 22A0153R	Page No.: 22
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2441MHz by 1Mbps(GFSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4882.000	37.720	43.558	-36.280	74.000	-5.838	PK
2		7323.000	39.513	42.966	-34.487	74.000	-3.452	PK
3	*	9764.000	40.355	42.274	-33.645	74.000	-1.920	PK



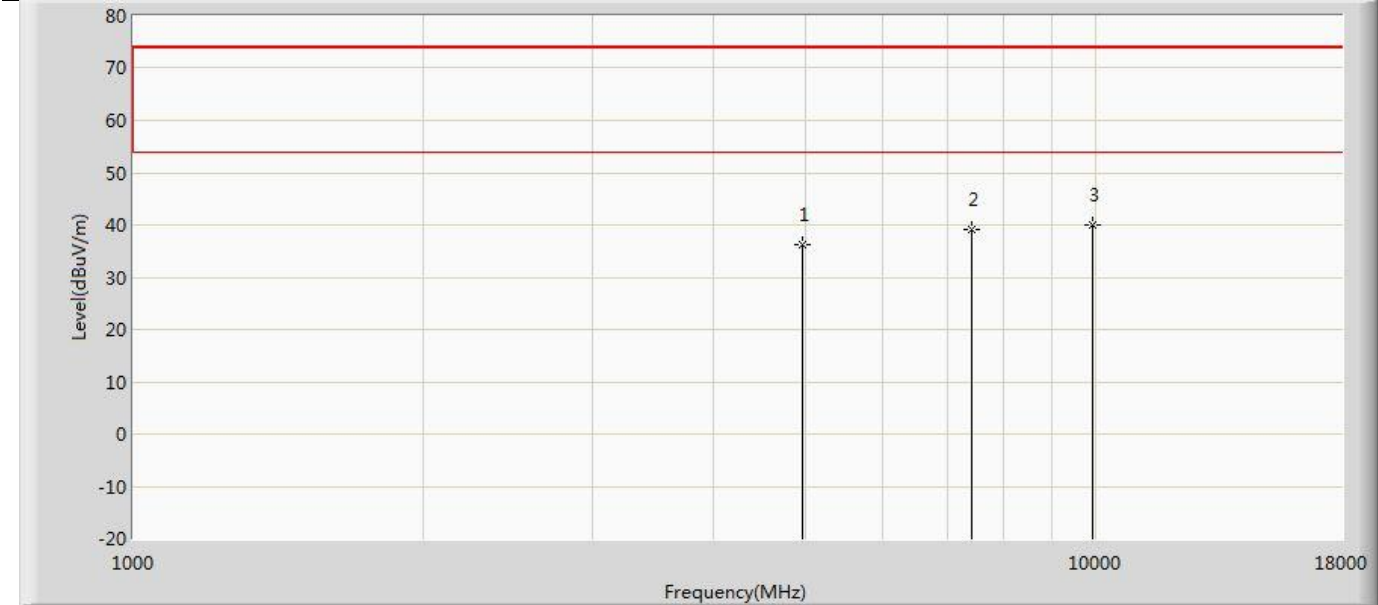
Profile: 22A0153R	Page No.: 23
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2480MHz by 1Mbps(GFSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	36.981	42.578	-37.019	74.000	-5.598	PK
2		7440.000	40.088	43.254	-33.912	74.000	-3.166	PK
3	*	9920.000	41.057	42.748	-32.943	74.000	-1.690	PK



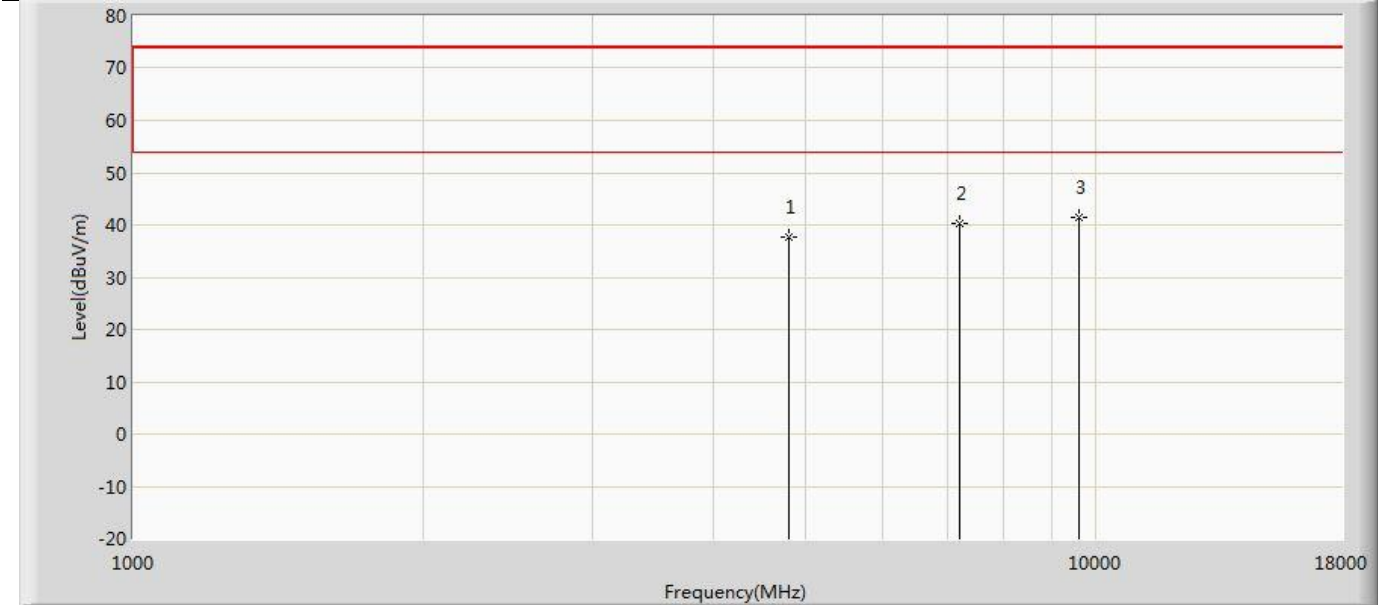
Profile: 22A0153R	Page No.: 24
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2480MHz by 1Mbps(GFSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	36.376	41.973	-37.624	74.000	-5.598	PK
2		7440.000	39.246	42.412	-34.754	74.000	-3.166	PK
3	*	9920.000	39.943	41.634	-34.057	74.000	-1.690	PK



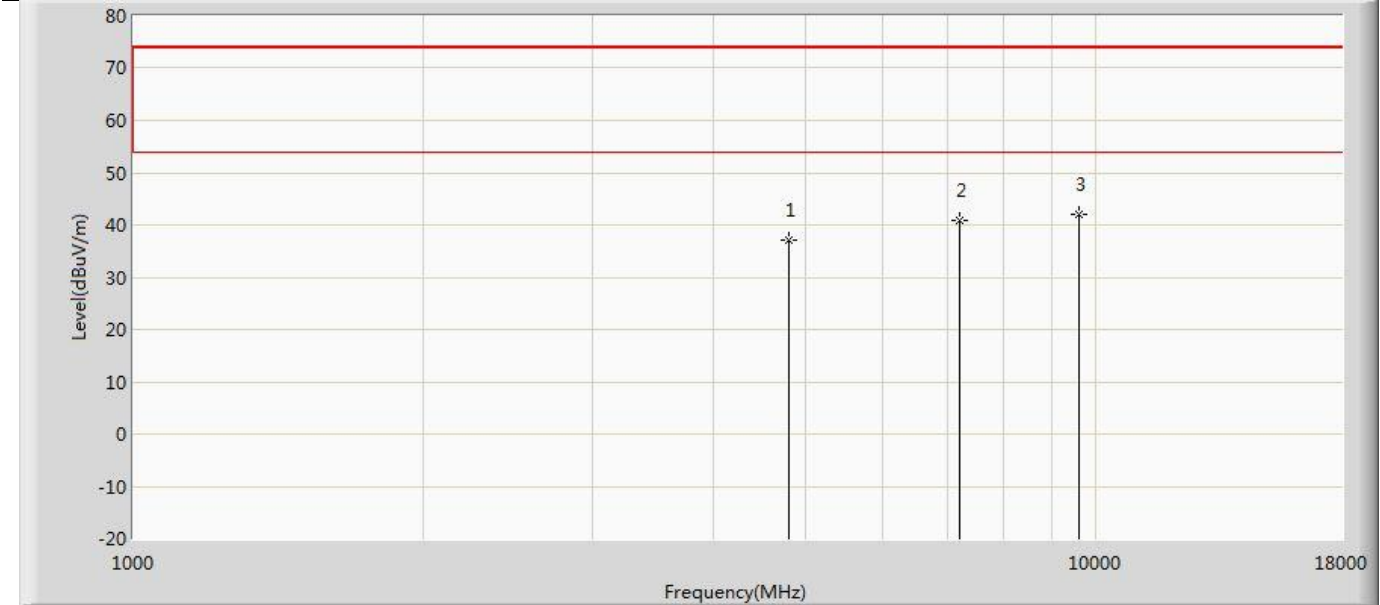
Profile: 22A0153R	Page No.: 25
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 20:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2402MHz by 2Mbps(Pi/4 DQPSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	37.708	43.503	-36.292	74.000	-5.795	PK
2		7206.000	40.260	43.286	-33.740	74.000	-3.026	PK
3	*	9608.000	41.519	43.773	-32.481	74.000	-2.254	PK



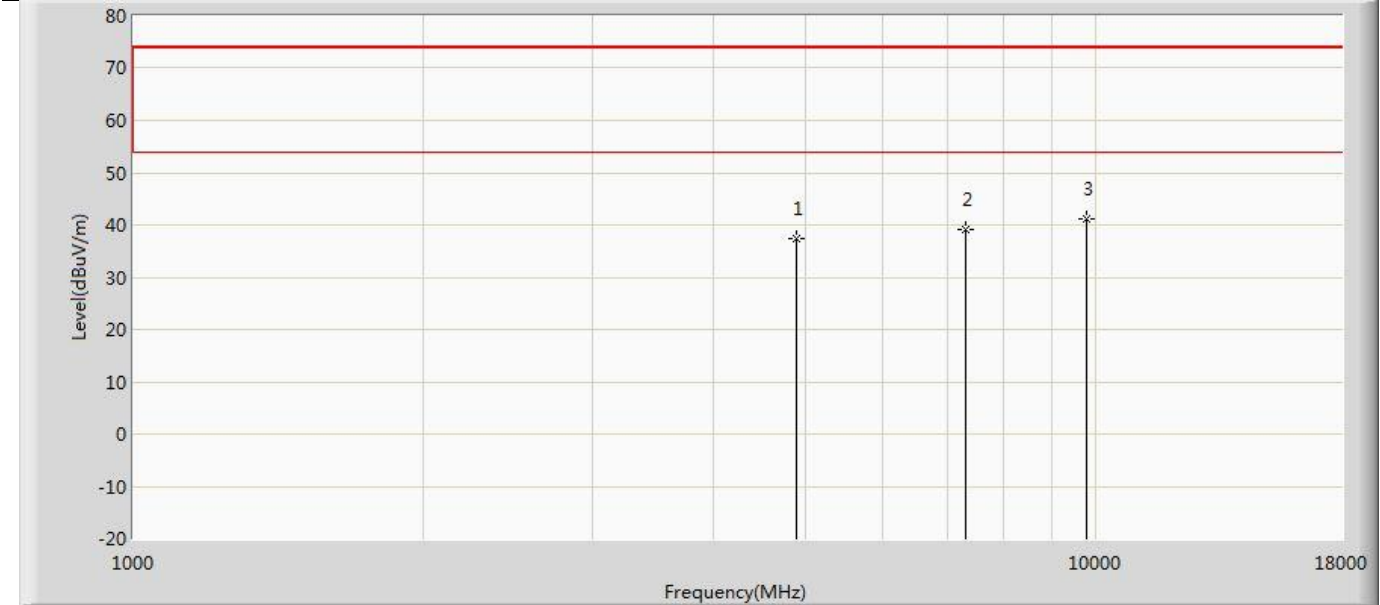
Profile: 22A0153R	Page No.: 26
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 21:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2402MHz by 2Mbps(Pi/4 DQPSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	37.140	42.935	-36.860	74.000	-5.795	PK
2		7206.000	40.726	43.752	-33.274	74.000	-3.026	PK
3	*	9608.000	42.054	44.308	-31.946	74.000	-2.254	PK



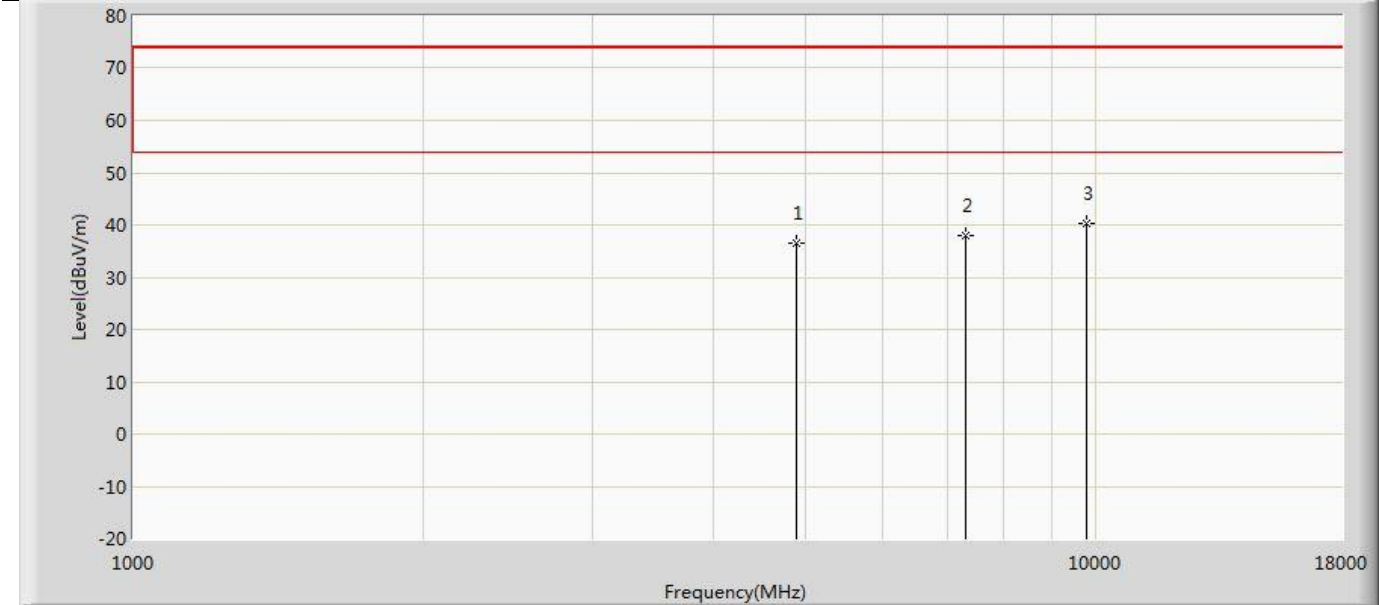
Profile: 22A0153R	Page No.: 27
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 21:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2441MHz by 2Mbps(Pi/4 DQPSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4882.000	37.398	43.236	-36.602	74.000	-5.838	PK
2		7323.000	39.162	42.615	-34.838	74.000	-3.452	PK
3	*	9764.000	41.158	43.077	-32.842	74.000	-1.920	PK



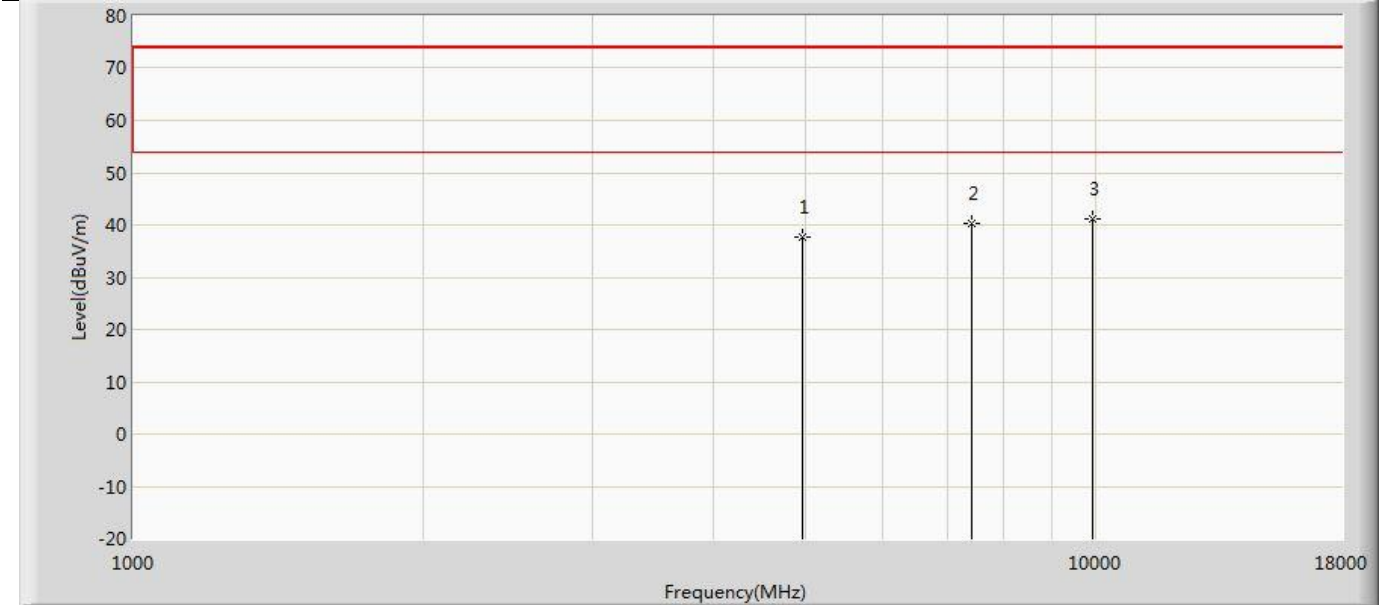
Profile: 22A0153R	Page No.: 28
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 21:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2441MHz by 2Mbps(Pi/4 DQPSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4882.000	36.454	42.292	-37.546	74.000	-5.838	PK
2		7323.000	37.966	41.419	-36.034	74.000	-3.452	PK
3	*	9764.000	40.269	42.188	-33.731	74.000	-1.920	PK



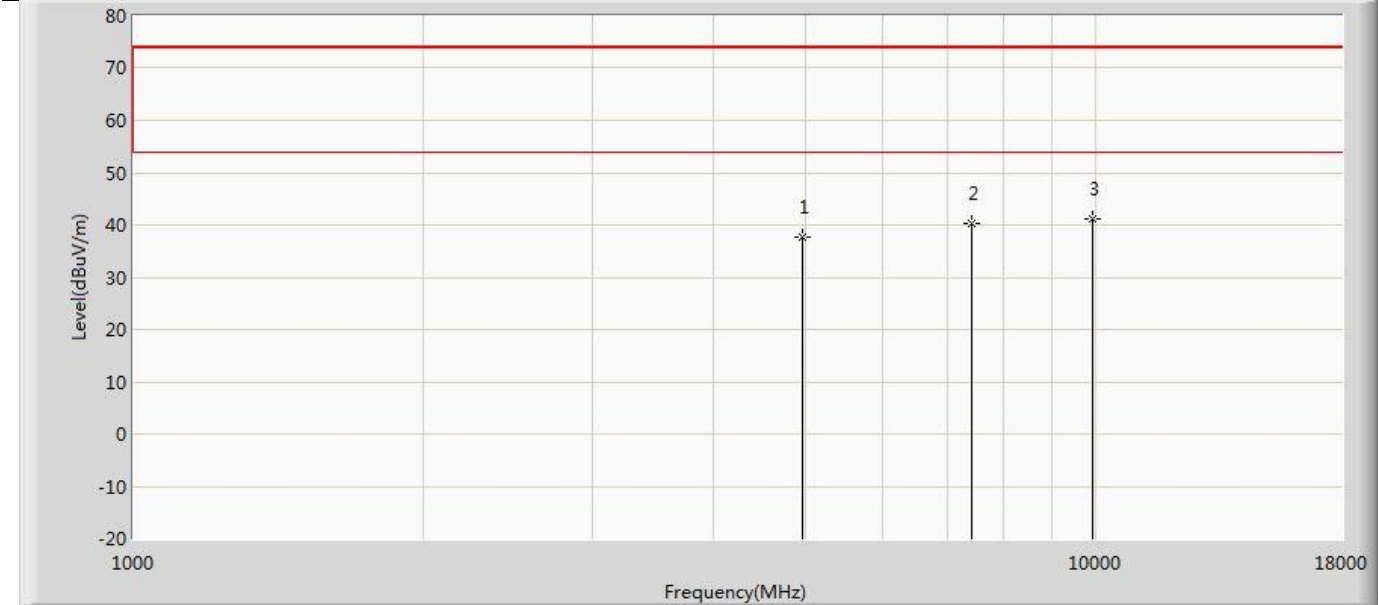
Profile: 22A0153R	Page No.: 29
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 21:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2480MHz by 2Mbps(Pi/4 DQPSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	37.627	43.224	-36.373	74.000	-5.598	PK
2		7440.000	40.303	43.469	-33.697	74.000	-3.166	PK
3	*	9920.000	41.140	42.831	-32.860	74.000	-1.690	PK



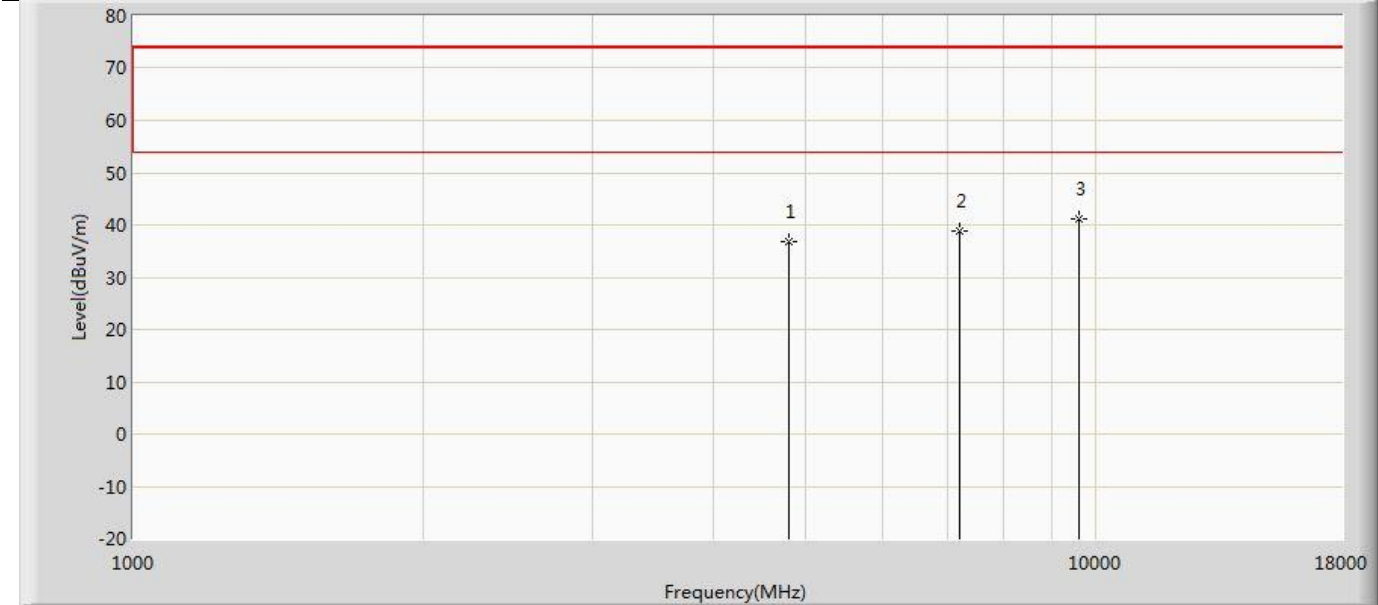
Profile: 22A0153R	Page No.: 30
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 21:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2480MHz by 2Mbps(Pi/4 DQPSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	37.561	43.158	-36.439	74.000	-5.598	PK
2		7440.000	40.422	43.588	-33.578	74.000	-3.166	PK
3	*	9920.000	41.227	42.918	-32.773	74.000	-1.690	PK



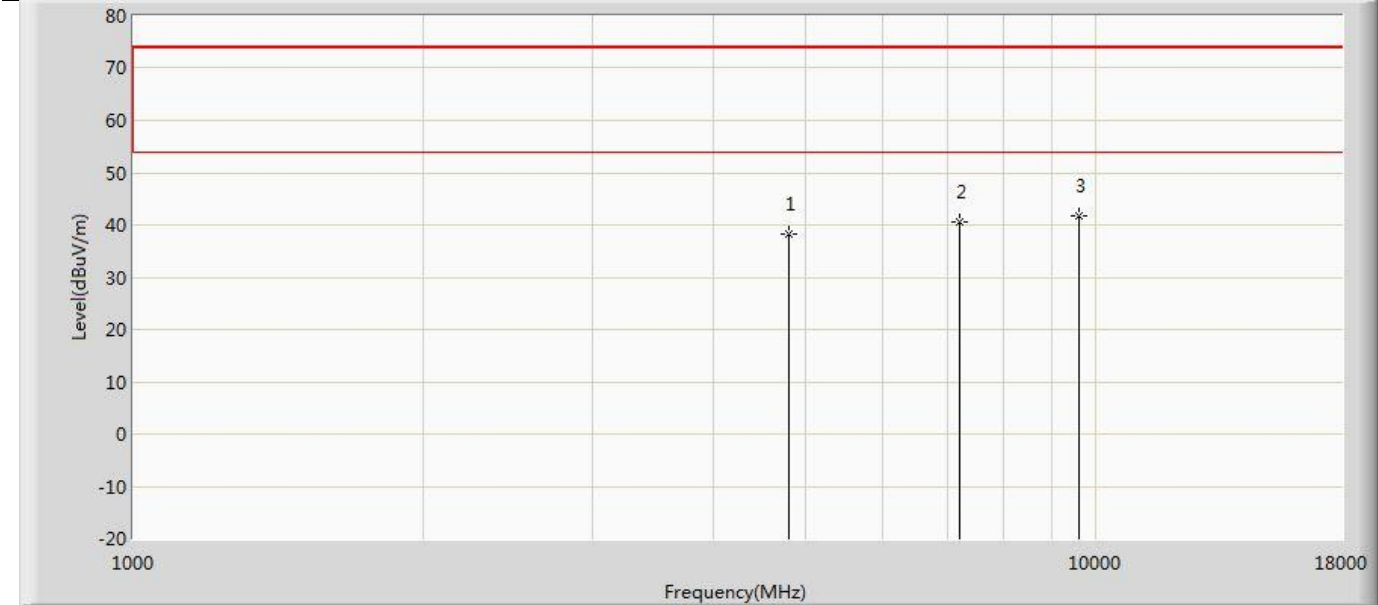
Profile: 22A0153R	Page No.: 31
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 21:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2402MHz by 3Mbps(8DPSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	36.866	42.661	-37.134	74.000	-5.795	PK
2		7206.000	38.885	41.911	-35.115	74.000	-3.026	PK
3	*	9608.000	41.283	43.537	-32.717	74.000	-2.254	PK



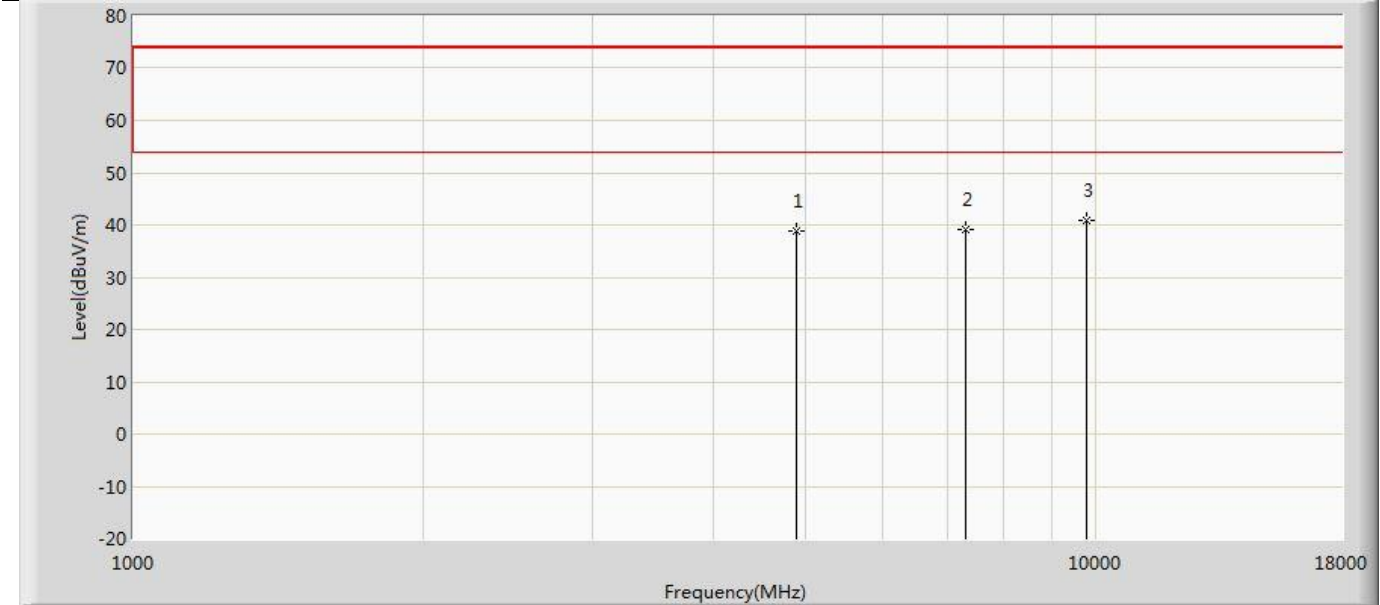
Profile: 22A0153R	Page No.: 32
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 21:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2402MHz by 3Mbps(8DPSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	38.263	44.058	-35.737	74.000	-5.795	PK
2		7206.000	40.555	43.581	-33.445	74.000	-3.026	PK
3	*	9608.000	41.644	43.898	-32.356	74.000	-2.254	PK



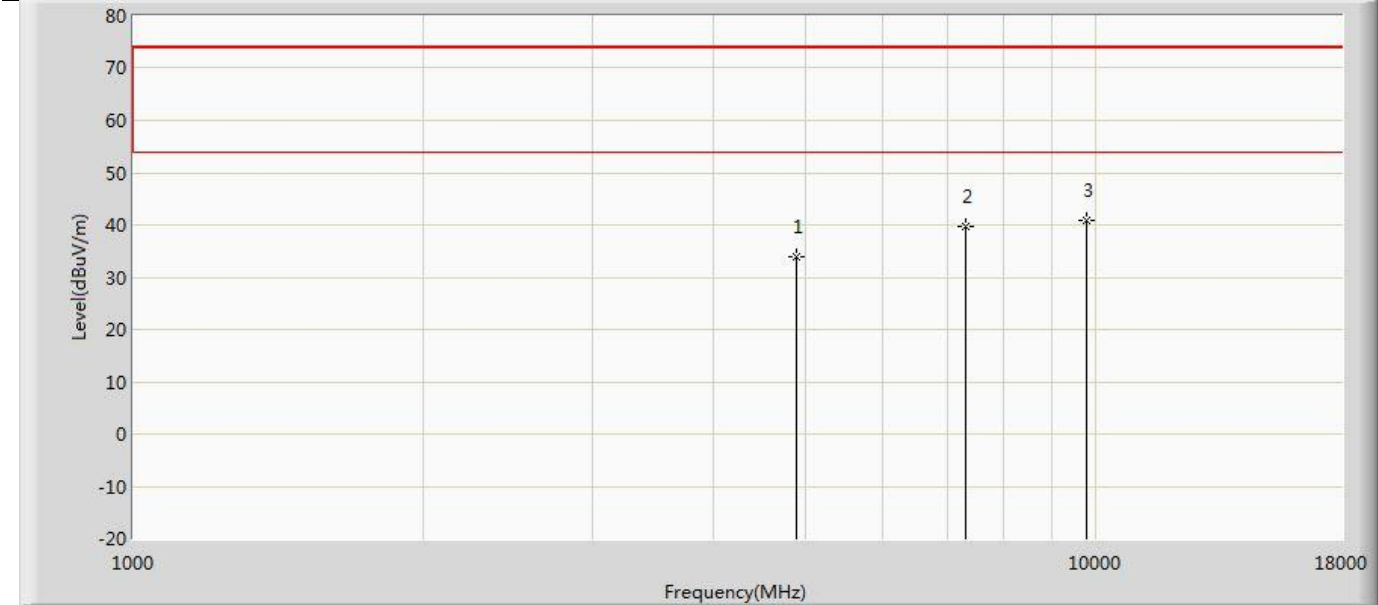
Profile: 22A0153R	Page No.: 33
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 21:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2441MHz by 3Mbps(8DPSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4882.000	38.703	44.541	-35.297	74.000	-5.838	PK
2		7323.000	39.260	42.713	-34.740	74.000	-3.452	PK
3	*	9764.000	40.994	42.913	-33.006	74.000	-1.920	PK



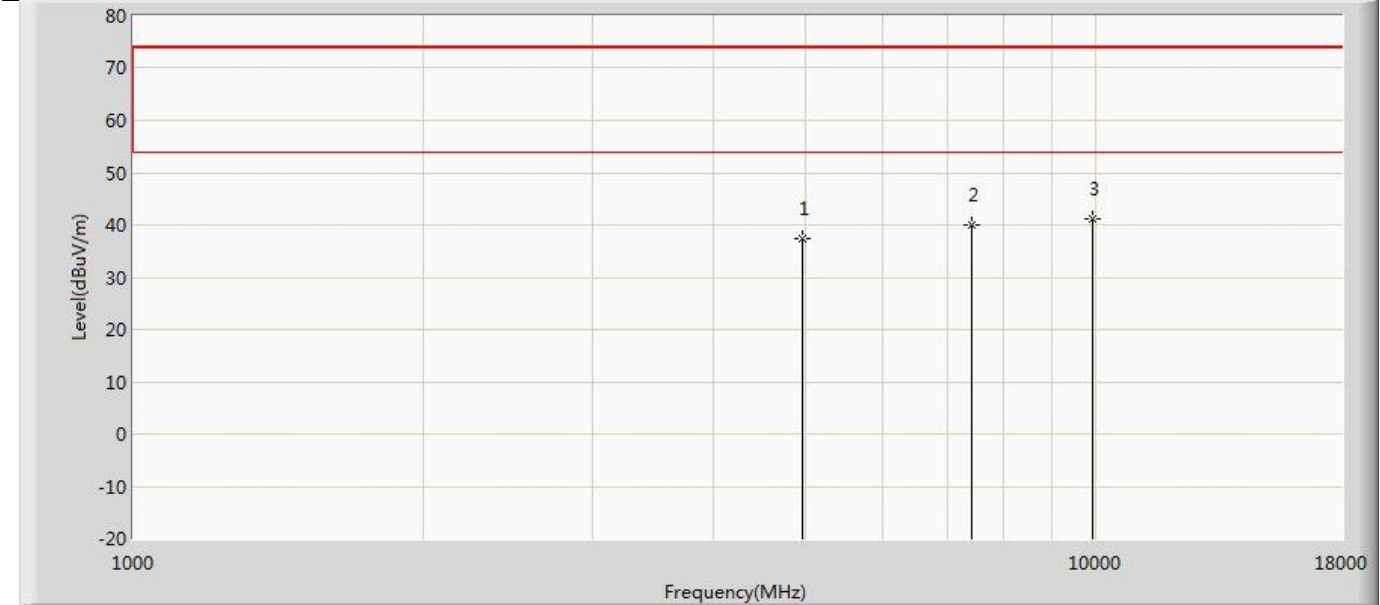
Profile: 22A0153R	Page No.: 34
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 21:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2441MHz by 3Mbps(8DPSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4882.000	34.038	39.876	-39.962	74.000	-5.838	PK
2		7323.000	39.618	43.071	-34.382	74.000	-3.452	PK
3	*	9764.000	40.858	42.777	-33.142	74.000	-1.920	PK

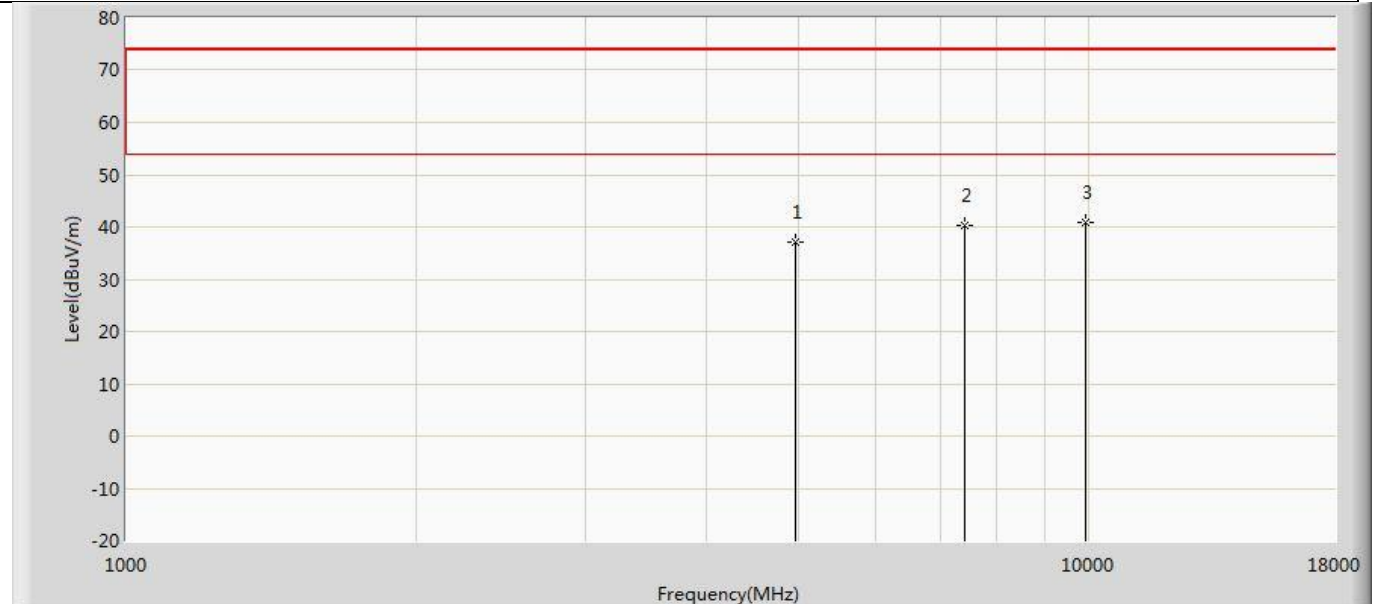


Profile: 22A0153R	Page No.: 35
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 21:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2480MHz by 3Mbps(8DPSK_DH5)	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	37.283	42.880	-36.717	74.000	-5.598	PK
2		7440.000	40.041	43.207	-33.959	74.000	-3.166	PK
3	*	9920.000	41.265	42.956	-32.735	74.000	-1.690	PK

Profile: 22A0153R	Page No.: 36
Engineer: RenZhang	
Site: AC5	Time: 2022/10/28 - 21:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power:DC 12V
Note: Mode: Transmit at 2480MHz by 3Mbps(8DPSK_DH5)	



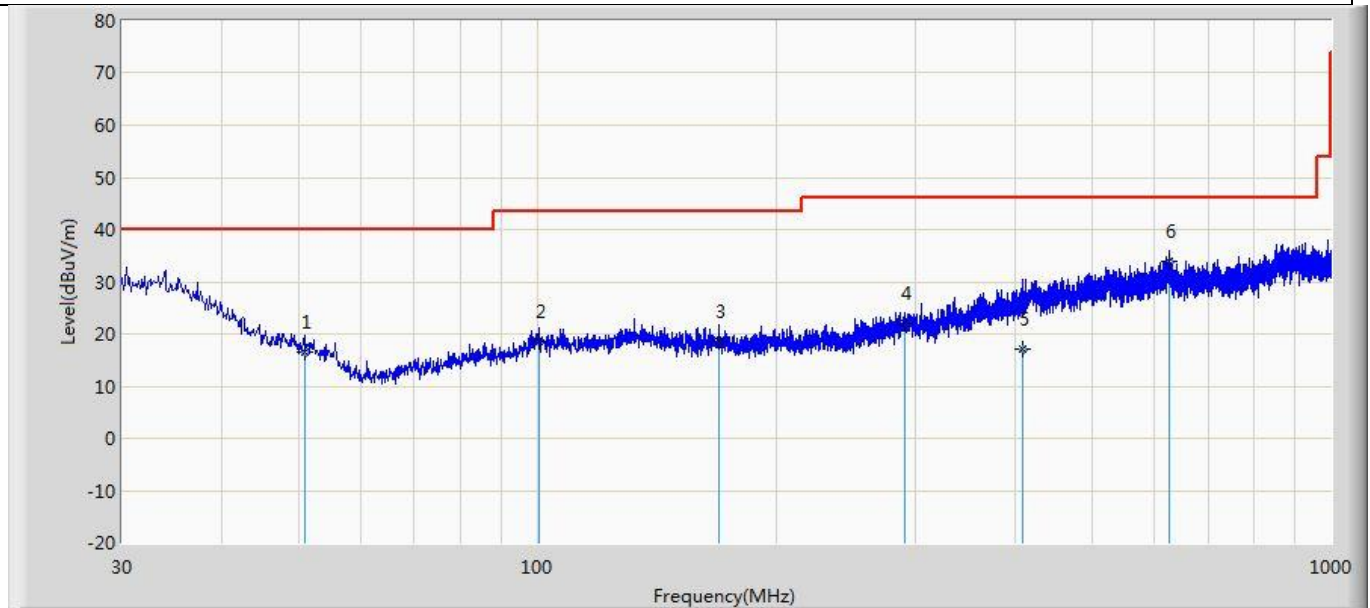
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	37.189	42.786	-36.811	74.000	-5.598	PK
2		7440.000	40.177	43.343	-33.823	74.000	-3.166	PK
3	*	9920.000	40.798	42.489	-33.202	74.000	-1.690	PK

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.

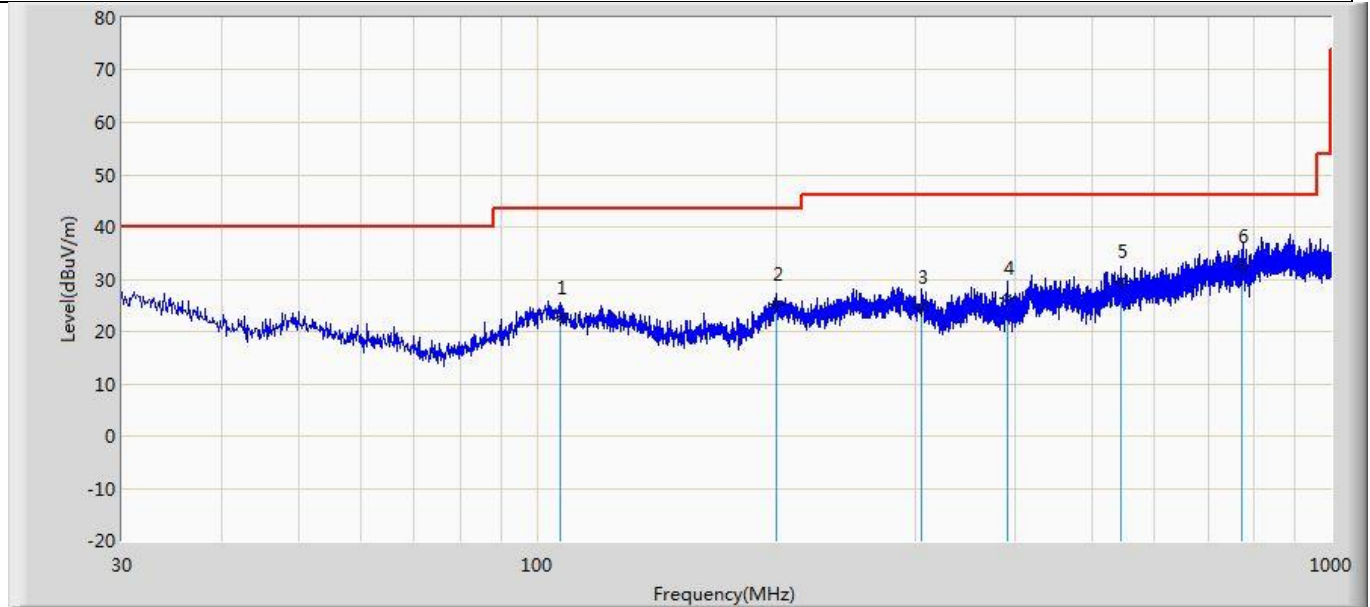
The worst case of Radiated Emission below 1GHz:

Profile: 22A0153R	Page No.: 115
Engineer: RenZhang	
Site: AC2	Time: 2022/10/22 - 03:25
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: AC2_3M(30-1000M)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power: DC 12V
Transmit at 2412MHz by 802.11b	



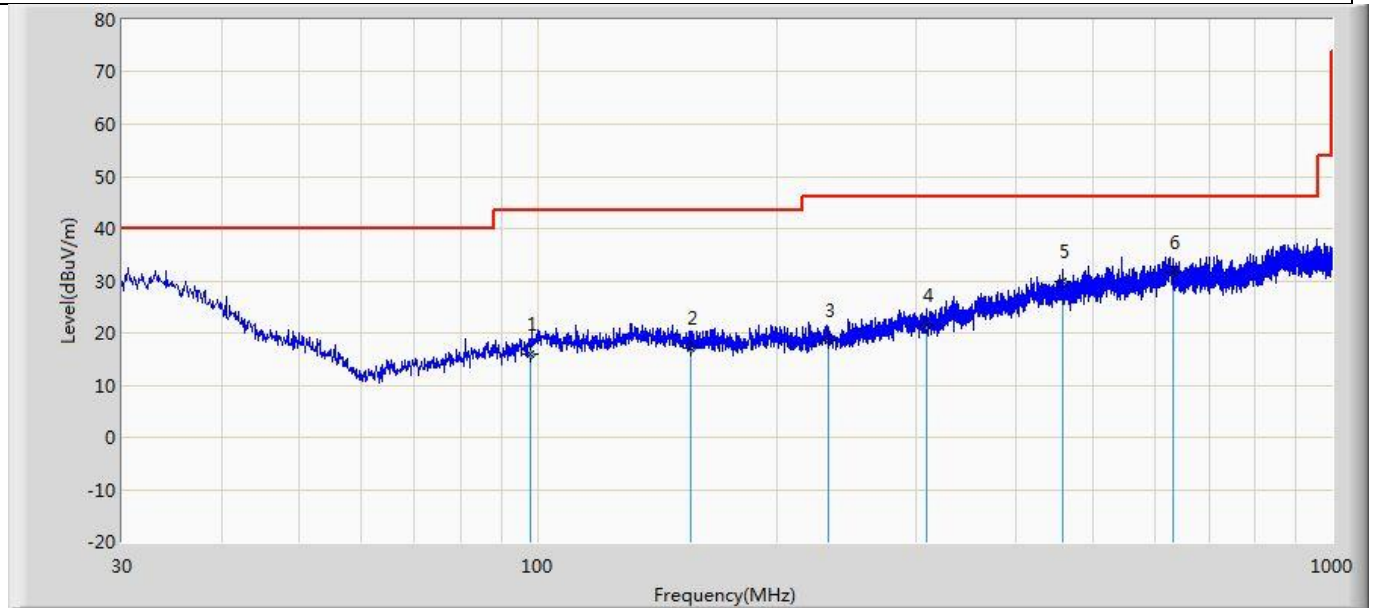
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		50.976	16.558	1.175	-23.442	40.000	15.383	QP
2		100.567	18.554	1.417	-24.946	43.500	17.137	QP
3		169.316	18.669	1.426	-24.831	43.500	17.243	QP
4		290.930	22.115	1.482	-23.885	46.000	20.633	QP
5		409.755	17.125	-8.548	-28.875	46.000	25.673	QP
6	*	625.216	33.885	3.248	-12.115	46.000	30.636	QP

Profile: 22A0153R	Page No.: 116
Engineer: RenZhang	
Site: AC2	Time: 2022/10/22 - 03:30
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: AC2_3M(30-1000M)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power: DC 12V
Transmit at 2412MHz by 802.11b	



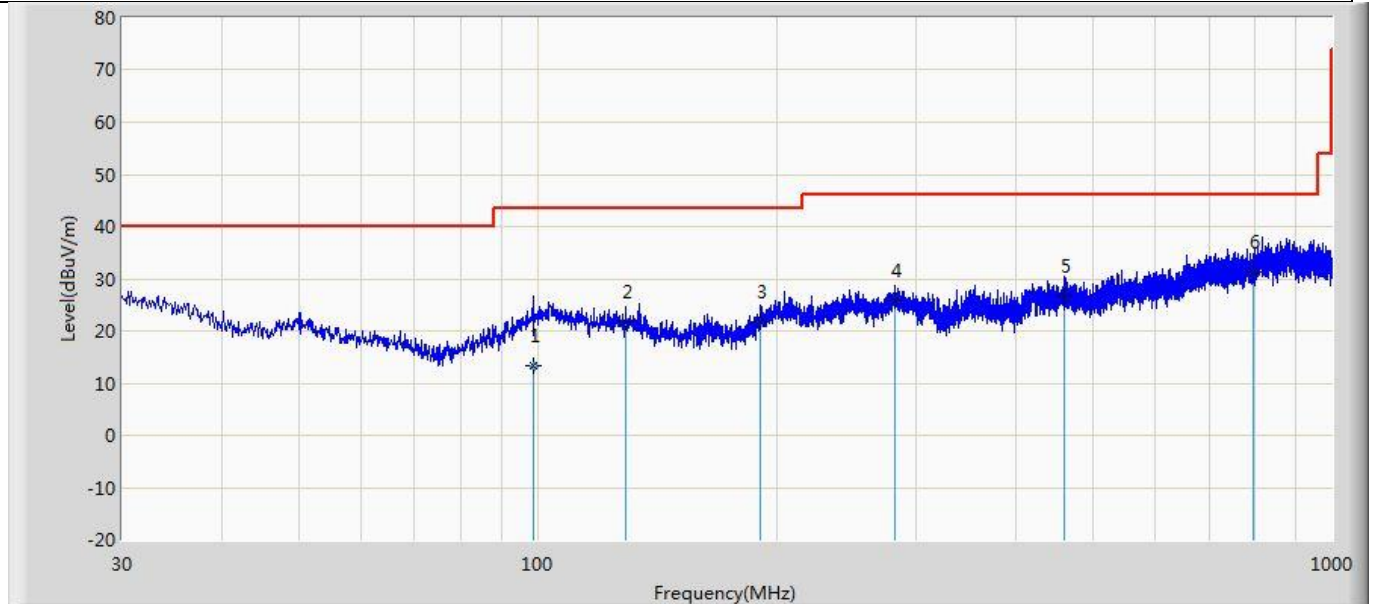
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		106.994	22.559	0.775	-20.941	43.500	21.784	QP
2		199.871	25.113	1.678	-18.387	43.500	23.435	QP
3		305.480	24.557	0.424	-21.443	46.000	24.133	QP
4		390.840	26.445	2.236	-19.555	46.000	24.209	QP
5		543.979	29.446	2.542	-16.554	46.000	26.904	QP
6	*	772.050	32.446	1.544	-13.554	46.000	30.902	QP

Profile: 22A0153R	Page No.: 117
Engineer: RenZhang	
Site: AC2	Time: 2022/10/22 - 03:32
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: AC2_3M(30-1000M)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power: DC 12V
Note: Transmit at 5180MHz by 802.11a	



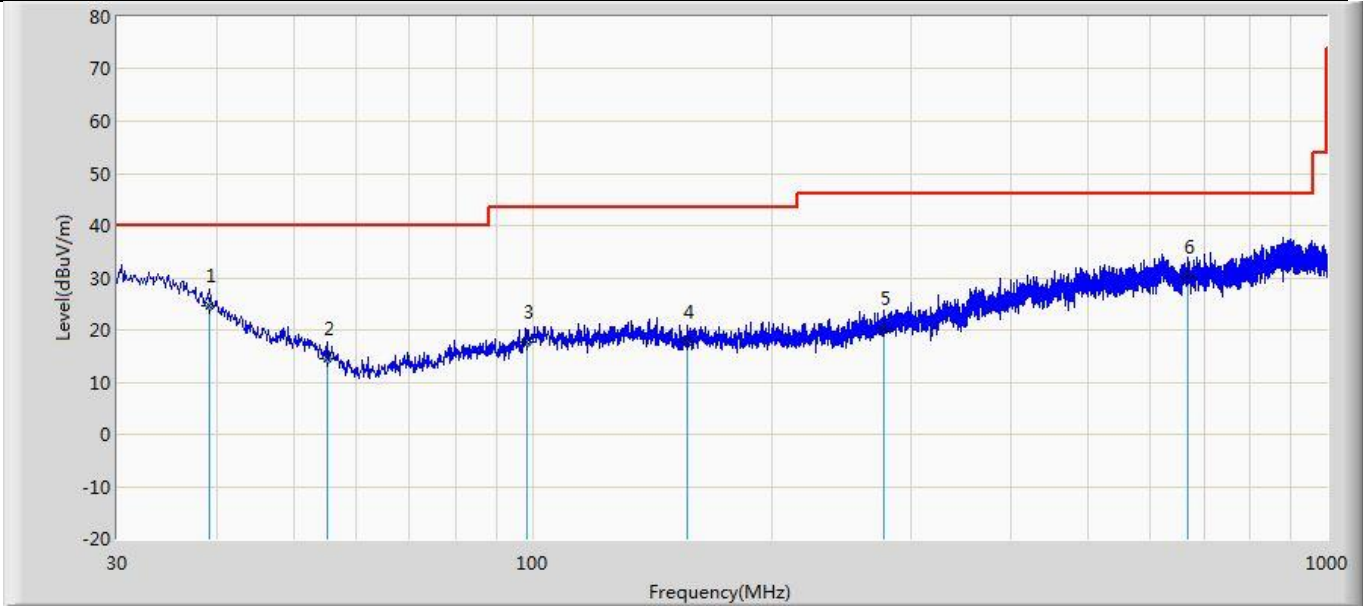
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		98.021	15.998	-0.282	-27.502	43.500	16.280	QP
2		156.221	17.225	0.258	-26.275	43.500	16.966	QP
3		232.366	18.554	0.586	-27.446	46.000	17.968	QP
4		308.633	21.553	0.427	-24.447	46.000	21.126	QP
5		458.134	29.775	2.751	-16.225	46.000	27.024	QP
6	*	630.187	31.556	1.328	-14.444	46.000	30.228	QP

Profile: 22A0153R	Page No.: 118
Engineer: RenZhang	
Site: AC2	Time: 2022/10/22 - 03:35
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: AC2_3M(30-1000M)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power: DC 12V
Note: Transmit at 5180MHz by 802.11a	



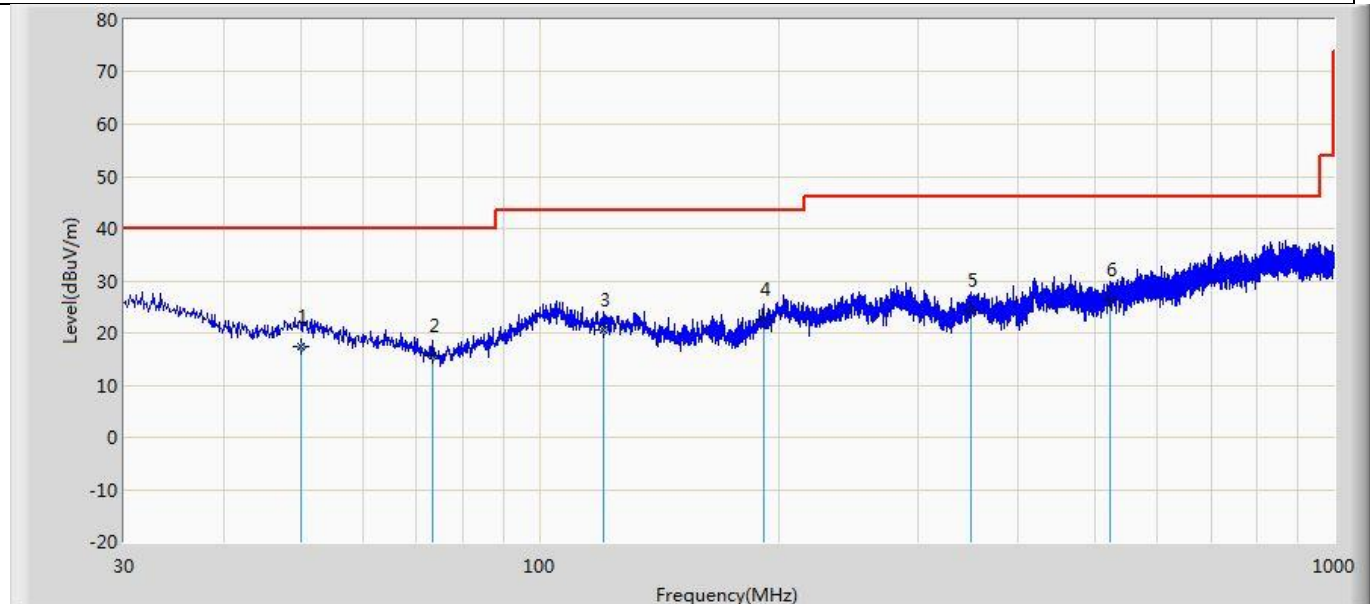
	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		98.628	13.228	-8.104	-30.272	43.500	21.332	QP
2		128.940	21.665	1.304	-21.835	43.500	20.361	QP
3		190.414	21.884	0.761	-21.616	43.500	21.123	QP
4		281.715	25.658	0.614	-20.342	46.000	25.044	QP
5		459.346	26.669	0.416	-19.331	46.000	26.254	QP
6	*	794.481	31.225	0.102	-14.775	46.000	31.123	QP

Profile: 22A0153R	Page No.: 119
Engineer: RenZhang	
Site: AC2	Time: 2022/10/22 - 03:37
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: AC2_3M(30-1000M)	Polarity: Horizontal
EUT: NTG7Q PREMIUM 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	*	39.215	24.654	1.673	-15.346	40.000	22.981	QP
2		55.099	14.546	1.136	-25.454	40.000	13.411	QP
3		98.296	17.556	1.149	-25.944	43.500	16.407	QP
4		156.342	17.585	0.615	-25.915	43.500	16.970	QP
5		276.501	20.335	0.898	-25.665	46.000	19.438	QP
6		669.351	30.225	1.397	-15.775	46.000	28.828	QP

Profile: 22A0153R	Page No.: 120
Engineer: RenZhang	
Site: AC2	Time: 2022/10/22 - 03:40
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: AC2_3M(30-1000M)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power: DC 12V
Note: Mode :Transmit at 2402MHz by 1Mbps(GFSK_DH5)	



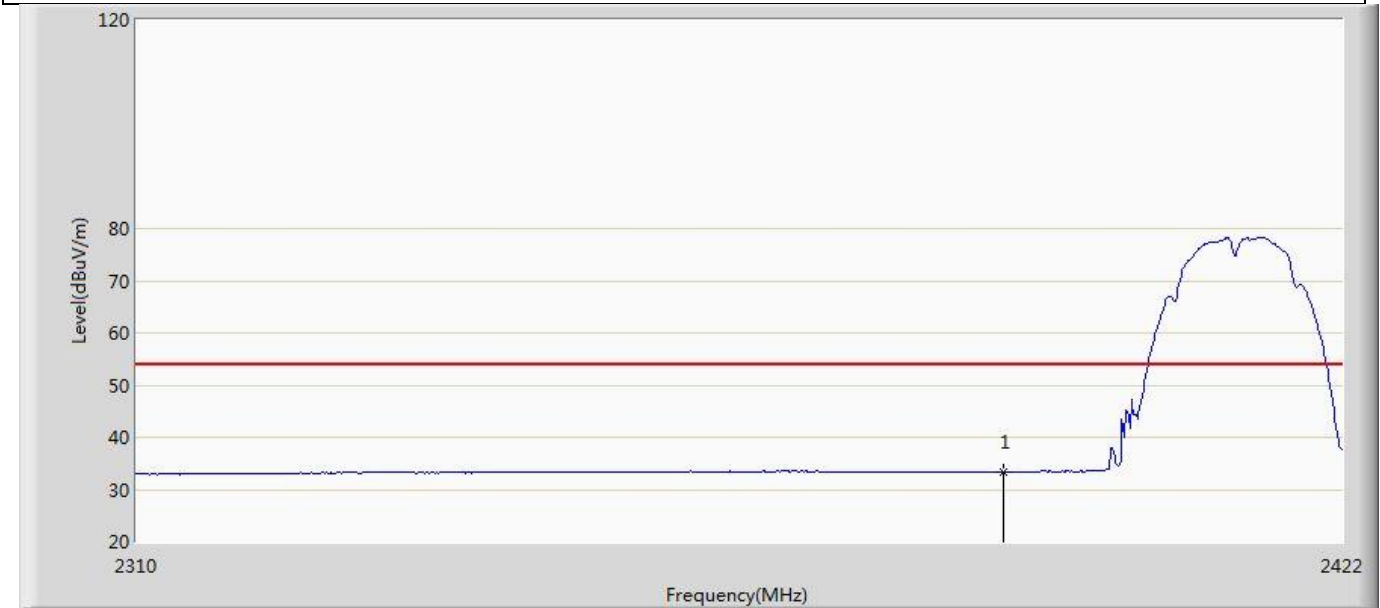
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		50.127	17.458	-1.990	-22.542	40.000	19.448	QP
2		73.286	15.568	1.340	-24.432	40.000	14.227	QP
3		120.331	20.552	-0.187	-22.948	43.500	20.739	QP
4		191.626	22.585	1.179	-20.915	43.500	21.406	QP
5		349.130	24.456	-0.304	-21.544	46.000	24.760	QP
6	*	522.639	26.448	-0.233	-19.552	46.000	26.682	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)

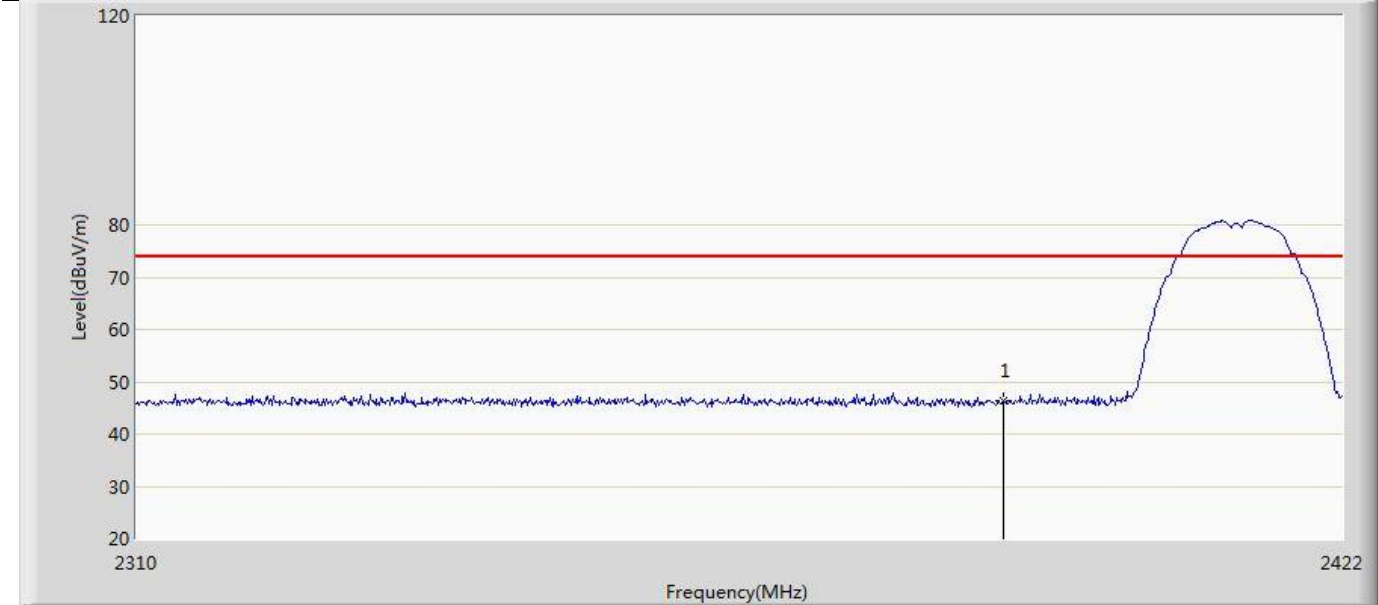
7 TEST RESULT-APPENDIX B: RADIATED EMISSION BAND EDGE

Profile: 22A0153R	Page No.: 1
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 21:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power: DC 12V
Note: Mode:Transmit at 2412MHz by 802.11b	



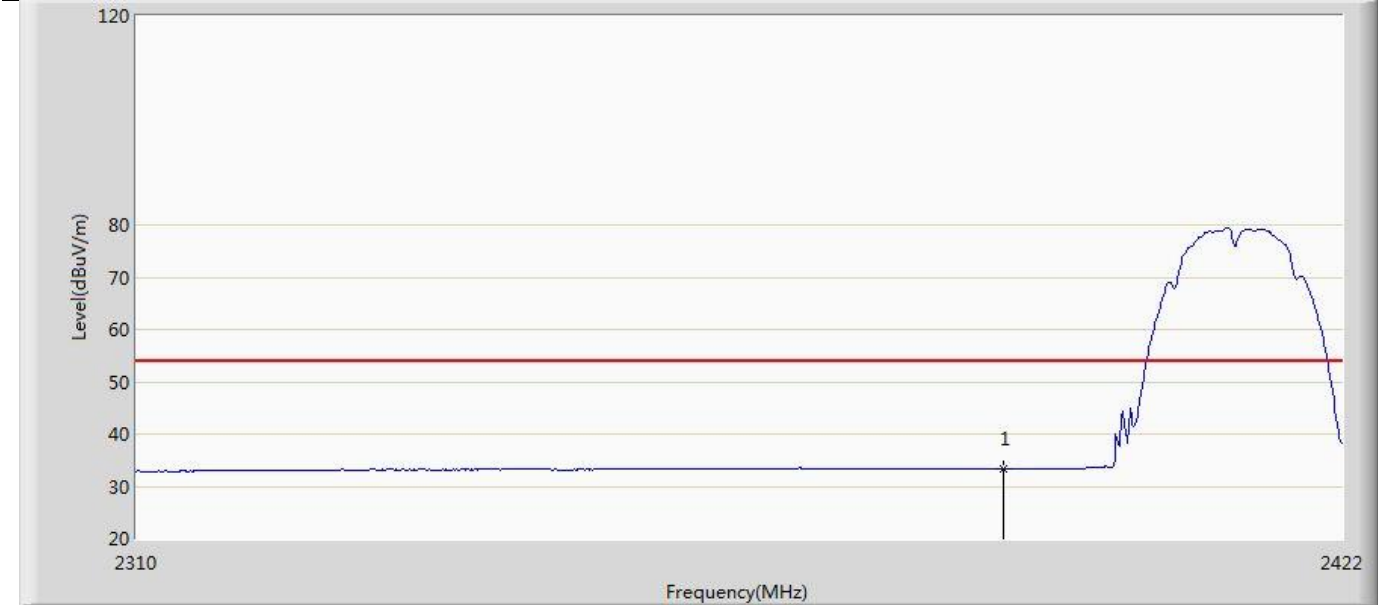
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2390.000	33.342	-0.663	-20.658	54.000	34.005	AV

Profile: 22A0153R	Page No.: 2
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 21:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power: DC 12V
Note: Mode:Transmit at 2412MHz by 802.11b	



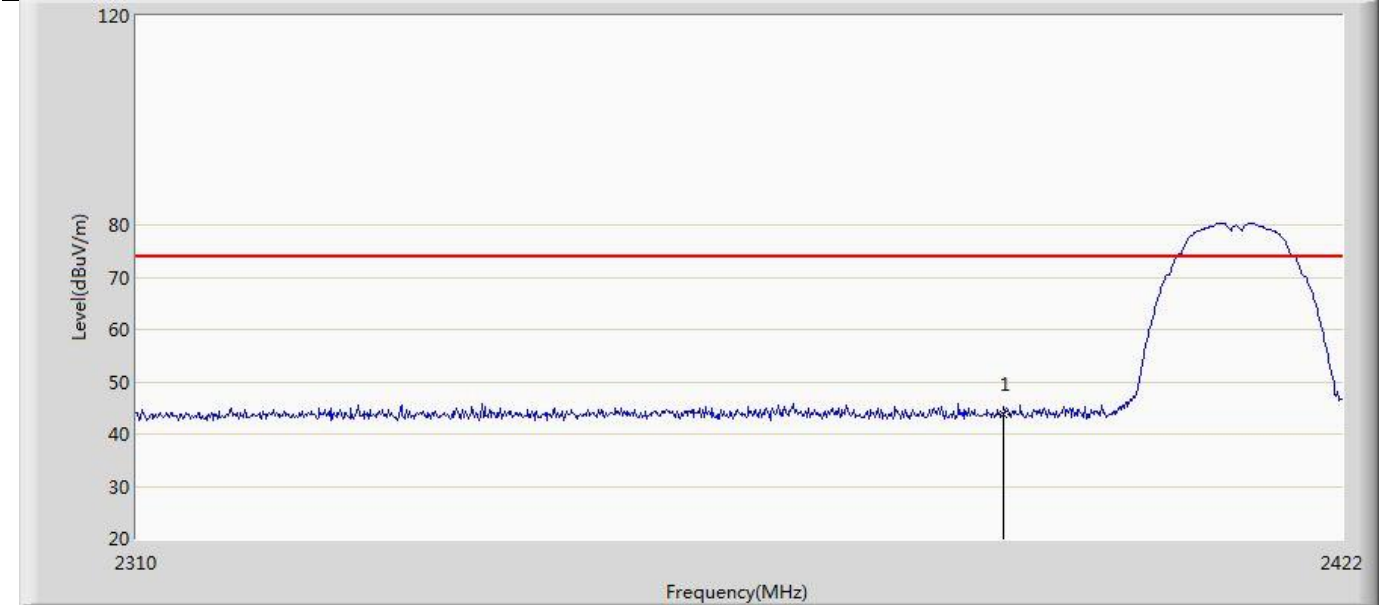
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2390.000	46.317	12.312	-27.683	74.000	34.005	PK

Profile: 22A0153R	Page No.: 3
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 21:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power: DC 12V
Note: Mode:Transmit at 2412MHz by 802.11b	



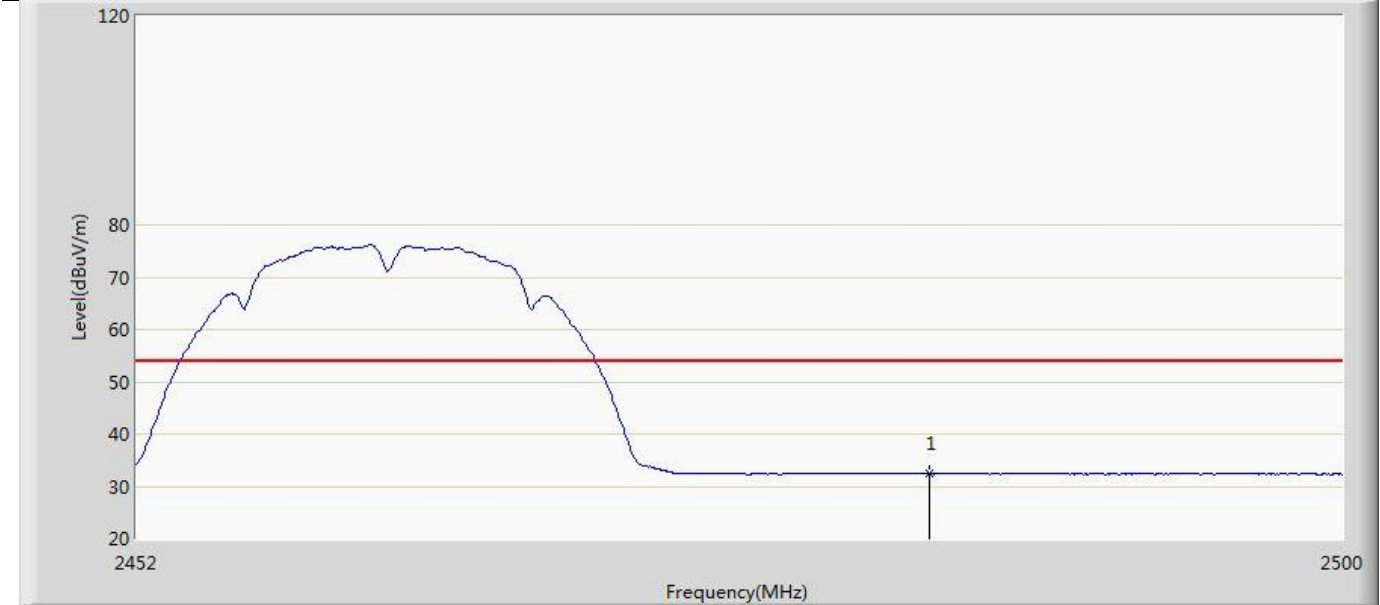
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2390.000	33.319	-0.686	-20.681	54.000	34.005	AV

Profile: 22A0153R	Page No.: 4
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 21:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM LF2	Power: DC 12V
Note: Mode:Transmit at 2412MHz by 802.11b	



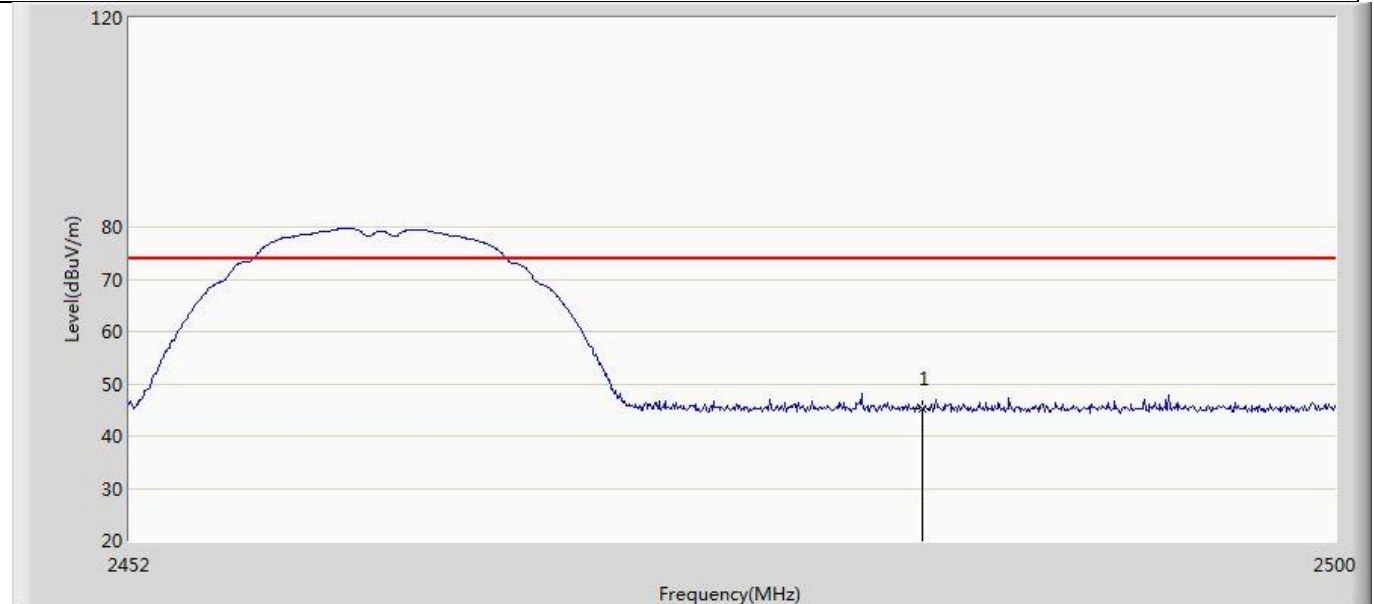
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2390.000	43.850	9.845	-30.150	74.000	34.005	PK

Profile: 22A0153R	Page No.: 5
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 21:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power: DC 12V
Note: Mode:Transmit at 2462MHz by 802.11b	



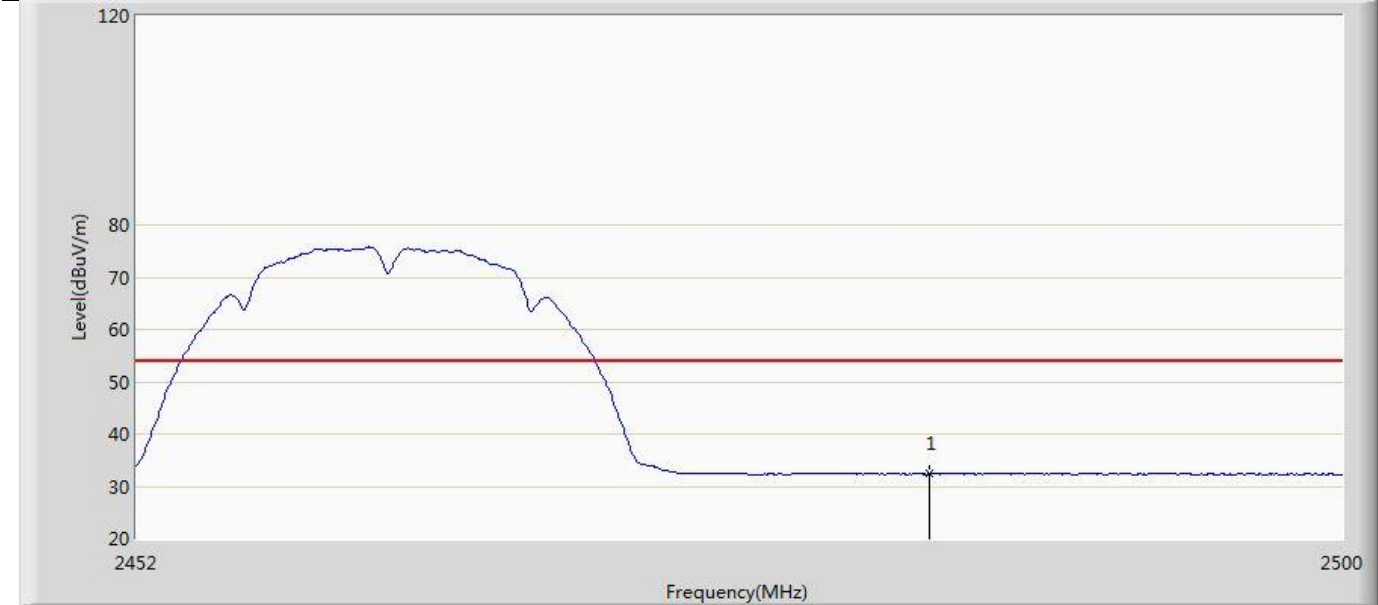
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2483.500	32.386	-1.835	-21.614	54.000	34.221	AV

Profile: 22A0153R	Page No.: 6
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 21:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: NTG7Q PREMIUM LF2	Power: DC 12V
Note: Mode:Transmit at 2462MHz by 802.11b	



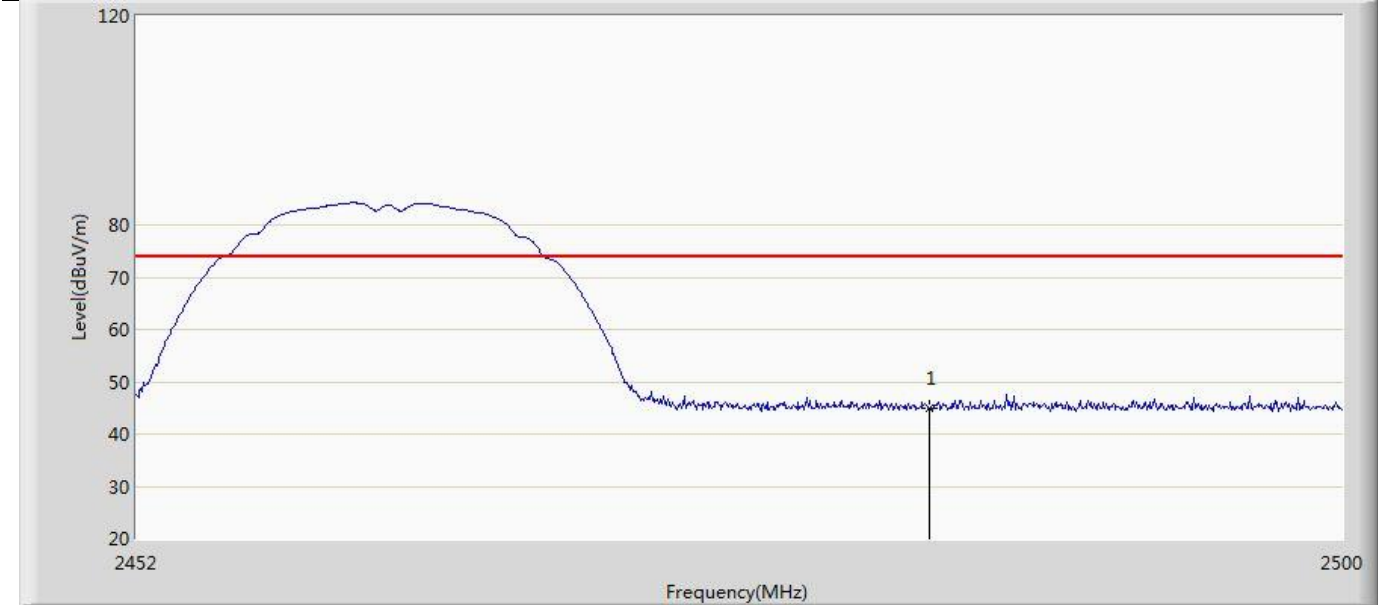
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2483.500	45.230	11.009	-28.770	74.000	34.221	PK

Profile: 22A0153R	Page No.: 7
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 21:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM 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	32.338	-1.883	-21.662	54.000	34.221	AV

Profile: 22A0153R	Page No.: 8
Engineer: RenZhang	
Site: AC5	Time: 2022/10/26 - 21:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: NTG7Q PREMIUM 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	44.902	10.681	-29.098	74.000	34.221	PK