



FCC PART 15.247 TEST REPORT

For

Fujian Newland Auto-ID Tech Co., Ltd.

Newland Science & Technology Park No.1 Rujiang West Rd., Mawei district, Fuzhou, Fujian, China

FCC ID: SL9NLS-NQUIRE

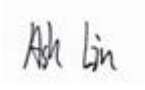
Report Type: Original Report	Product Name: Information Terminal
Report Number:	<u>2407V20721E-RF-01</u>
Report Date:	<u>2025-01-06</u>
Reviewed By:	<u>Ash Lin</u> 
Approved By:	<u>Miles Chen</u>
Prepared By:	Bay Area Compliance Laboratories Corp. (Xiamen) Unit 102, No. 902 Meifeng South Road, Binhai West Avenue, Science and Technology Innovation Park, Torch High tech Zone XiaMen Tel: +86-592-3200111 www.baclcorp.com.cn

TABLE OF CONTENTS

REPORT REVISION HISTORY.....	4
GENERAL INFORMATION.....	5
PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT)	5
OBJECTIVE	5
TEST METHODOLOGY	5
TEST FACILITY	6
MEASUREMENT UNCERTAINTY	6
SYSTEM TEST CONFIGURATION.....	7
TEST MODE AND VOLTAGE.....	7
DESCRIPTION OF TEST CONFIGURATION	7
★EUT EXERCISE SOFTWARE	7
SPECIAL ACCESSORIES.....	7
EQUIPMENT MODIFICATIONS	7
SUPPORT EQUIPMENT LIST AND DETAILS	8
EXTERNAL I/O CABLE.....	8
BLOCK DIAGRAM OF TEST SETUP	8
SUMMARY OF TEST RESULTS	10
TEST EQUIPMENT LIST	11
FCC §15.203 – ANTENNA REQUIREMENT	12
APPLICABLE STANDARD	12
ANTENNA CONNECTOR CONSTRUCTION	12
FCC §15.207 (a) – AC LINE CONDUCTED EMISSIONS	13
APPLICABLE STANDARD	13
TEST SYSTEM SETUP.....	13
EMI TEST RECEIVER SETUP.....	13
TEST PROCEDURE	13
RESULT & MARGIN CALCULATION.....	14
TEST DATA	14
FCC §15.205, §15.209 & §15.247(d) – RADIATED EMISSIONS.....	23
APPLICABLE STANDARD	23
TEST SYSTEM SETUP.....	23
TEST PROCEDURE	25
RESULT & MARGIN CALCULATION.....	25
TEST DATA	26
FCC §15.247(a) (1)-CHANNEL SEPARATION TEST	242
APPLICABLE STANDARD	242
EUT SETUP	242
TEST PROCEDURE	242
TEST DATA	243
FCC §15.247(a) (1) – 20 dB EMISSION BANDWIDTH.....	245
APPLICABLE STANDARD	245
EUT SETUP	245
TEST PROCEDURE	245
TEST DATA	246
FCC §15.247(a) (1) (iii)-QUANTITY OF HOPPING CHANNEL TEST	251
APPLICABLE STANDARD	251
EUT SETUP	251

TEST PROCEDURE	251
TEST DATA	252
FCC §15.247(a) (1) (iii) - TIME OF OCCUPANCY (DWELL TIME).....	254
APPLICABLE STANDARD	254
EUT SETUP	254
TEST PROCEDURE	254
TEST DATA	255
FCC §15.247(b) (1) - PEAK OUTPUT POWER MEASUREMENT	260
APPLICABLE STANDARD	260
EUT SETUP	260
TEST PROCEDURE	260
TEST DATA	261
FCC §15.247(d) - BAND EDGES TESTING	266
APPLICABLE STANDARD	266
EUT SETUP	266
TEST PROCEDURE	266
TEST DATA	267
EUT PHOTOGRAPHS	274
TEST SETUP PHOTOGRAPHS	275

REPORT REVISION HISTORY

Number of Revisions	Report No.	Version	Issue Date	Description
0	2407V20721E-RF-01	R1V1	2025-01-06	Initial Release

GENERAL INFORMATION**Product Description for Equipment under Test (EUT)**

Applicant:		Fujian Newland Auto-ID Tech. Co.,Ltd.
Trade Mark:		Newland
Product Name:		Information Terminal
Tested Model:		NLS-NQuire1500, NLS-NQuire500, NLS-NQuire700, NLS-NQuire1000
NLS-NQuire1500 Series Model(s):		NLS-NQuire
Adapter Information	Model:	R361-1203000I
	Input:	AC 100-240V, 50/60Hz, 1.5A
	Output:	DC 12.0V, 3.0A
Power Supply:		DC 12V from adapter
Maximum Output Power (Conducted):		13.09 dBm
RF Function:		Classic BT
Operating Band/Frequency:		2402-2480 MHz
Channel Number:		79
Channel Separation:		1 MHz
Modulation Type:		GFSK, $\pi/4$ -DQPSK, 8DPSK
Antenna Type:		FPC Antenna
★Maximum Antenna Gain:		NLS-NQuire1500: 1.29 dBi NLS-NQuire500: 3.8 dBi NLS-NQuire700: 0.46 dBi NLS-NQuire1000: 5.48 dBi
EUT Received Status:		Good
<i>Note:</i> 1. The Maximum Antenna Gain was declared by manufacturer. 2. All models have the same motherboard except for screen size, USB interface and antenna. NLS-NQuire is identify with NLS-NQuire1500 except for the model name, please refer to declaration for more details. 3. All measurement and test data in this report was gathered from production sample serial number: 2ORR-1(NLS-NQuire1500), 2PL7-1(NLS-NQuire500), 2PL8-1(NLS-NQuire700), 2PL5-1 (NLS-NQuire1000) (Assigned by the BACL (Xiamen). The EUT supplied by the applicant was received on 2024-08-02) 4. All models have the same RF circuit design. Therefore, except for the NLS-NQuire1500 model, other models are only tested for AC line conducted emissions and radiated spurious emissions.		

Objective

This test report is prepared for *Fujian Newland Auto-ID Tech. Co., Ltd.* in accordance with Part 2-Subpart J, Part 15-Subparts A and C of the Federal Communication Commissions rules.

The tests were performed in order to determine Compliance with FCC Part 15, Subpart C, section 15.203, 15.205, 15.207, 15.209 and 15.247 rules.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2013, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices and 558074 D01 15.247 Meas Guidance v05r02.

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Xiamen) to collect test data is located on the Unit 102, No. 902 Meifeng South Road, Binhai West Avenue, Science and Technology Innovation Park, Torch High tech Zone Xiamen.

Bay Area Compliance Laboratories Corp. (Xiamen) Lab is accredited to ISO/IEC 17025 by A2LA (Certificate Number: 7134.01) and the lab has been recognized as the FCC accredited lab under the KDB 974614 D01, the FCC Designation No. : CN1384.

Measurement Uncertainty

Item		U_{lab}
AC Power Lines Conducted Emissions	150kHz-30MHz	2.33 dB
Radiated emission	9kHz-30MHz	2.59 dB
	30MHz~200MHz	4.38 dB
	200MHz~1GHz	4.50 dB
	1GHz~6GHz	4.6 dB
	6GHz~18GHz	5.42 dB
	18GHz~26.5GHz	5.37 dB
Occupied Bandwidth		0.053 kHz
Transmitter Conducted Power		0.624 dB
Conducted Spurious Emission		2.52 dB
Temperature		1 °C
Humidity		5%

Note: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.

SYSTEM TEST CONFIGURATION

Test Mode and Voltage

The system was configured for testing in a typical mode (as normally used by a typical user).	
Test mode:	Test mode 1: Transmitting
Test voltage:	AC 120V/60Hz

Description of Test Configuration

Channel list:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	40	2442
1	2403	...	...
...	...	...	...
...	...	78	2480
39	2441	/	/

EUT was tested with Channel 0, 39 and 78.

★EUT Exercise Software

The system was configured for testing in Engineering Mode, which was provided by the manufacturer.

Test Modes	Power Level Setting		
	Lowest Channel	Middle Channel	Highest Channel
GFSK	8	8	8
$\pi/4$ -DQPSK	8	8	8
8DPSK	8	8	8

Note: The power level was declared by the applicant.

Special Accessories

No special accessory.

Equipment Modifications

No modification was made to the EUT tested.

Support Equipment List and Details

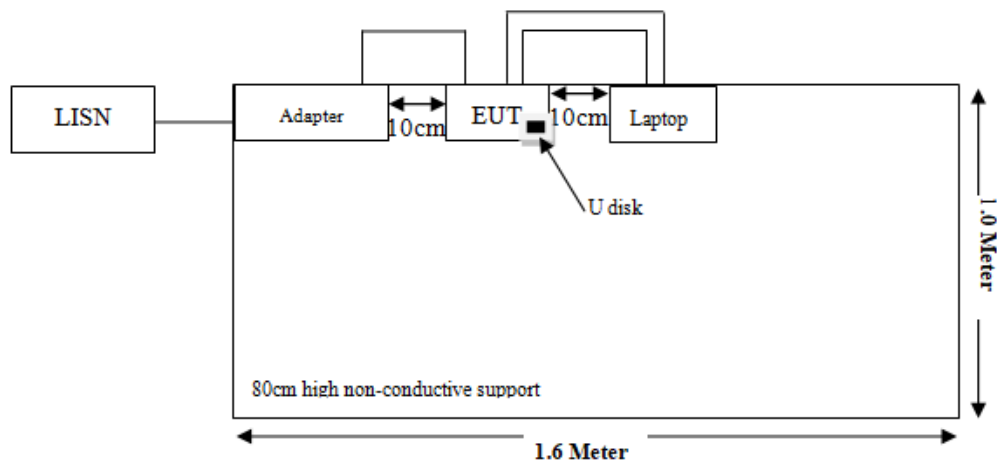
Manufacturer	Description	Model	Serial Number
Lenovo	Laptop	T480	PF1P5K4F
Kingston	U disk	DTSE9G3	Unknown

External I/O Cable

Cable Description	Length (m)	From Port	To
Network cable	1	EUT	Laptop
USB cable	1	EUT	Laptop

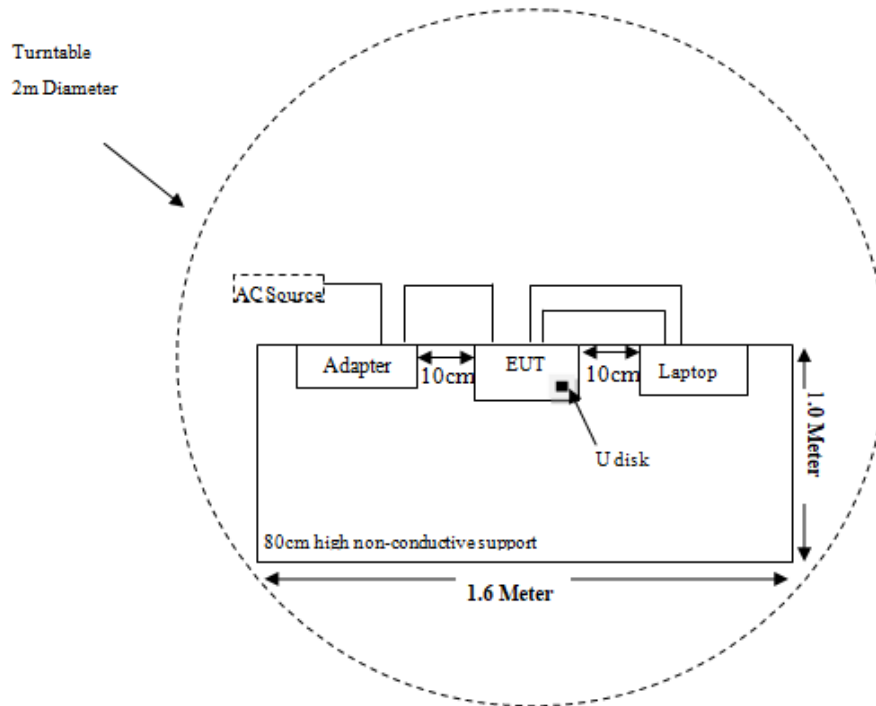
Block Diagram of Test Setup

Conducted Emission:

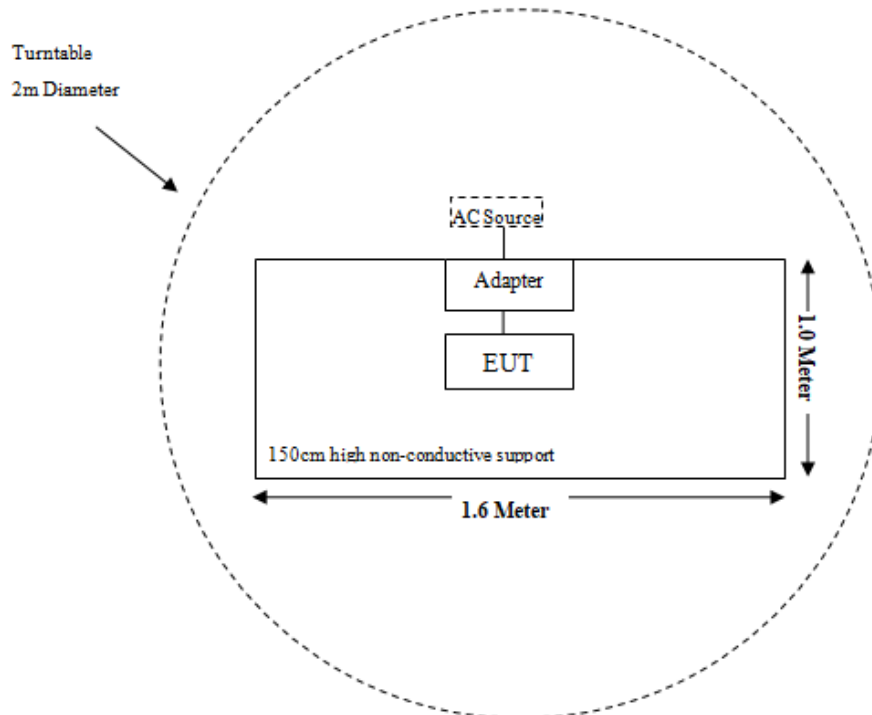


Radiated Emission:

Below 1GHz



Above 1GHz



SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
§15.203	Antenna Requirement	Compliant
§15.207(a)	AC Line Conducted Emissions	Compliant
§15.205, §15.209 & §15.247(d)	Radiated Emissions & Restricted Bands Emissions	Compliant
§15.247(a)(1)	20 dB Emission Bandwidth	Compliant
§15.247(a)(1)	Channel Separation Test	Compliant
§15.247(a)(1)(iii)	Time of Occupancy (Dwell Time)	Compliant
§15.247(a)(1)(iii)	Quantity of hopping channel Test	Compliant
§15.247(b)(1)	Peak Output Power Measurement	Compliant
§15.247(d)	Band edges	Compliant

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Conducted Emission Test					
EMI Test Receiver	Rohde & Schwarz	ESR	103105	2024/03/29	2025/03/28
LISN	Rohde & Schwarz	ENV216	100129	2024/03/29	2025/03/28
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	0357.8810.54	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH400T-N-4M	CC001	2024/03/29	2025/03/28
Test Software	Audix	E3	18621a	N/A	N/A
Radiated Emissions Below 1GHz					
EMI Test Receiver	Rohde & Schwarz	ESR	103103	2024/03/29	2025/03/28
Loop Antenna	Rohde & Schwarz	HFH2-Z2	830749/001	2023/07/27	2026/07/26
Antenna	Sunol Sciences	JB6	A122022-5	2023/07/27	2026/07/26
Amplifier	Sonoma	310B	120903	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH400T-N-4M	CC002	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH460B-N-2M	CC006	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH460B-N-12M	CC007	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	HFH2-CC	335.3609	2024/03/29	2025/03/28
Test Software	Audix	E3	18621a	N/A	N/A
Radiated Emission Above 1 GHz					
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102051	2024/03/29	2025/03/28
Double Ridge Guide Horn Antenna	A.H.Systems	SAS-571	1980	2023/07/28	2026/07/27
Horn Antenna	EMCO	3115	9002-3355	2024/11/19	2027/11/18
Horn Antenna	EMCO	3116	9407-2232	2023/07/31	2026/07/30
Preamplifier	A.H.Systems	PAM-0118P	489	2024/03/29	2025/03/28
Preamplifier	A.H.Systems	PAM-1840	200	2024/03/29	2025/03/28
Filter Switch Unit	Decentest	DT7220FSU	DS79904	2024/02/23	2025/02/22
Multiplex Switch Test Control Set	Decentest	DT7220SCU	DS79901	2024/02/23	2025/02/22
Coaxial Cable	XINHANGWEIBO	XH800A-N-6M	CC003	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH800A-N-1M	CC005	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH360A-2.92-3M	CC008	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH360A-2.92-1M	CC009	2024/03/29	2025/03/28
Test Software	Audix	E3	18621a	N/A	N/A
RF Conducted Test					
Spectrum Analyzer	Rohde & Schwarz	FSU	100405	2024/03/29	2025/03/28
Coaxial Cable	Lianxun	RF113	N/A	2024/03/29	2025/03/28

Statement of Traceability: Bay Area Compliance Laboratories Corp. (Xiamen) attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

FCC §15.203 – ANTENNA REQUIREMENT

Applicable Standard

According to FCC § 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. The structure and application of the EUT were analyzed to determine compliance with section §15.203 of the rules. §15.203 state that the subject device must meet the following criteria:

- a. Antenna must be permanently attached to the unit.
- b. Antenna must use a unique type of connector to attach to the EUT.
- c. Unit must be professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

And according to FCC 47 CFR section 15.247 (b), if the transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Antenna Connector Construction

The EUT has one FPC antenna for Bluetooth, which was permanently attached and the antenna gain is below, fulfill the requirement of this section. Please refer to the EUT photos.

Model	NLS-NQuire1500	NLS-NQuire500	NLS-NQuire700	NLS-NQuire1000
Antenna Gain	1.29 dBi	3.8 dBi	0.46 dBi	5.48 dBi

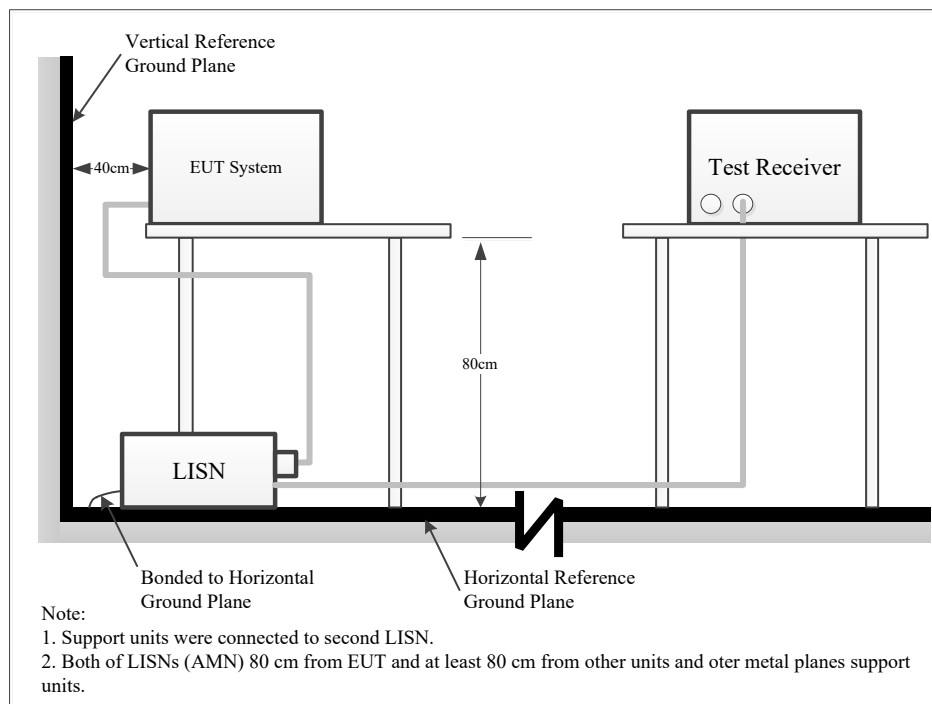
Result: Compliance

FCC §15.207 (a) – AC LINE CONDUCTED EMISSIONS

Applicable Standard

FCC §15.207(a)

Test System Setup



The measurement procedure of EUT setup is according with ANSI C63.10-2013. The related limit was specified in FCC Part 15.207.

EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	IF B/W
150 kHz – 30 MHz	9 kHz

Test Procedure

ANSI C63.10-2013 clause 6.2

During the conducted emission test, the adapter was connected to the outlet of the LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

If the maximum peak value of the emissions is below the average limit, the QP value and average value measurement will not need to be performed and only record the maximum peak measured value to meet the requirements.

Result & Margin Calculation

The Result is calculated by adding LISN VDF (Voltage Division Factor), Cable Loss and Transient Limiter Attenuation from the Meter Reading. The basic equation is as follows:

$$\begin{aligned}\text{Factor (dB)} &= \text{LISN VDF (dB)} + \text{Cable Loss (dB)} + \text{Transient Limiter Attenuation (dB)} \\ \text{Result (dB}\mu\text{V)} &= \text{Reading (dB}\mu\text{V)} + \text{Factor (dB)}\end{aligned}$$

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

$$\text{Margin (dB)} = \text{Limit (dB}\mu\text{V)} - \text{Result (dB}\mu\text{V)}$$

Test Data

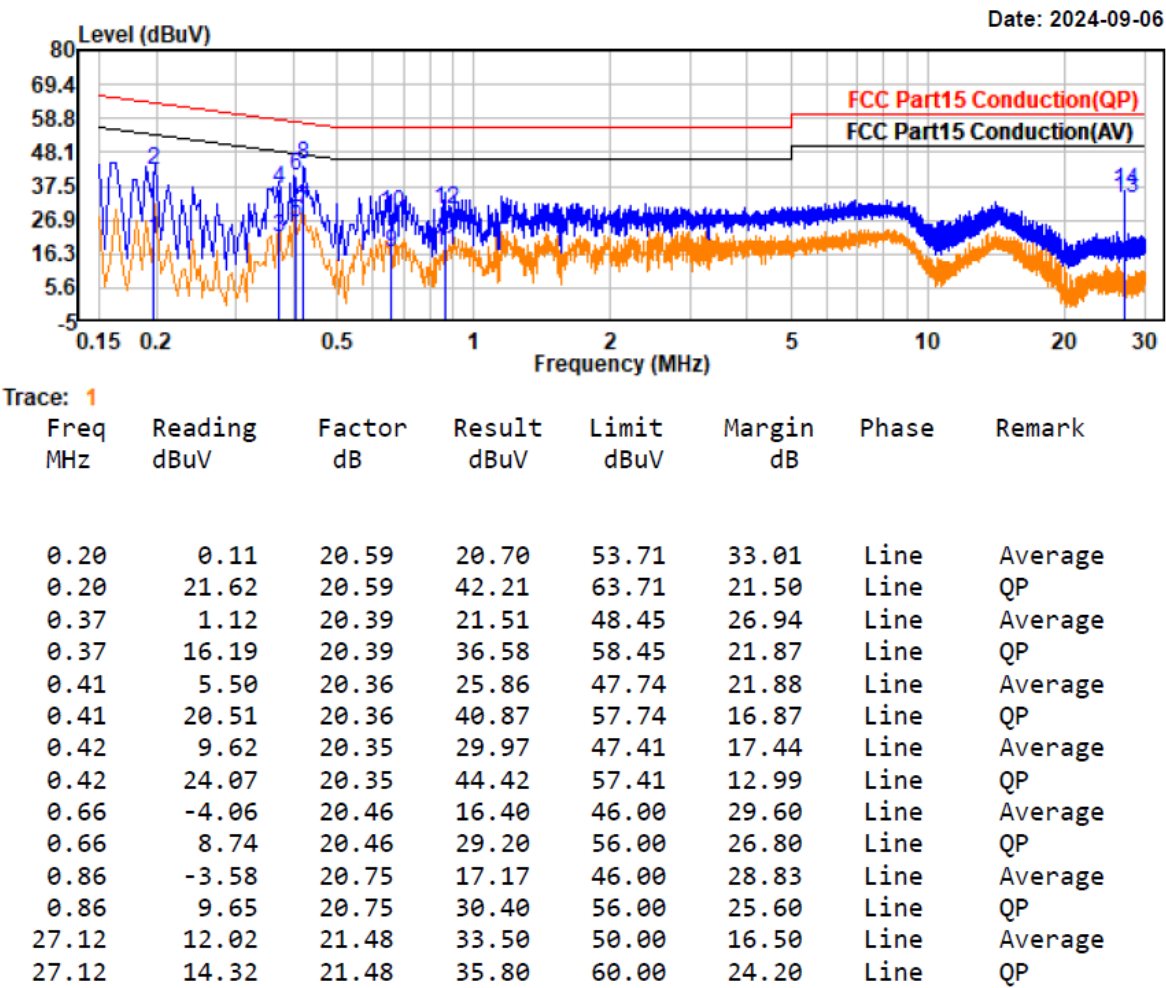
Temperature:	22.9°C
Relative Humidity:	53%
ATM Pressure:	100.1kPa
Test Date:	2024-09-06
Test Engineer:	Spike Gao

Note: The maximum output power mode: EDR($\pi/4$ -DQPSK) high channel was tested.

EUT Model: NLS-NQuire1500

Project No.: 2407V20721E-RF
Test Mode: BT 2DH1 2480
EUT Model: NLS-NQuire1500

Temp/Humi/ATM: 22.9°C/53%/100.1kPa
Tested by: Spike Gao
Power Source: AC 120V/60Hz



Project No.: 2407V20721E-RF

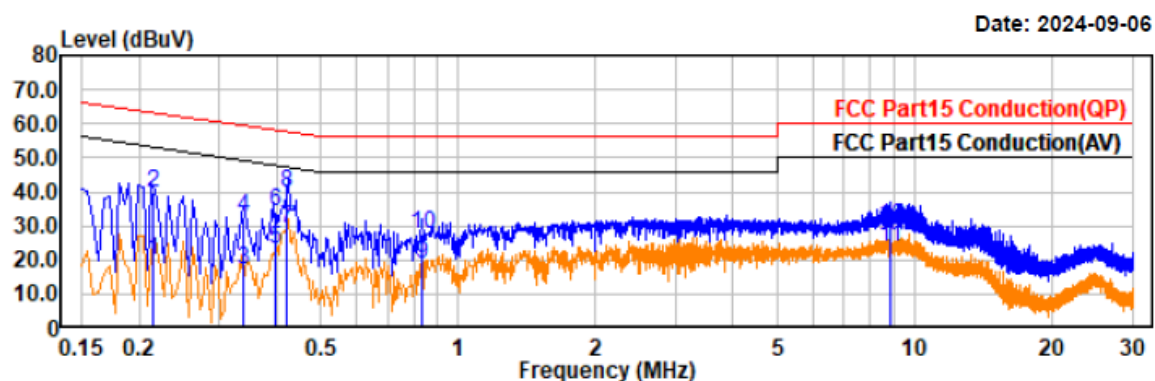
Test Mode: BT 2DH1 2480

EUT Model: NLS-NQuire1500

Temp/Humi/ATM: 22.9°C/53%/100.1kPa

Tested by: Spike Gao

Power Source: AC 120V/60Hz



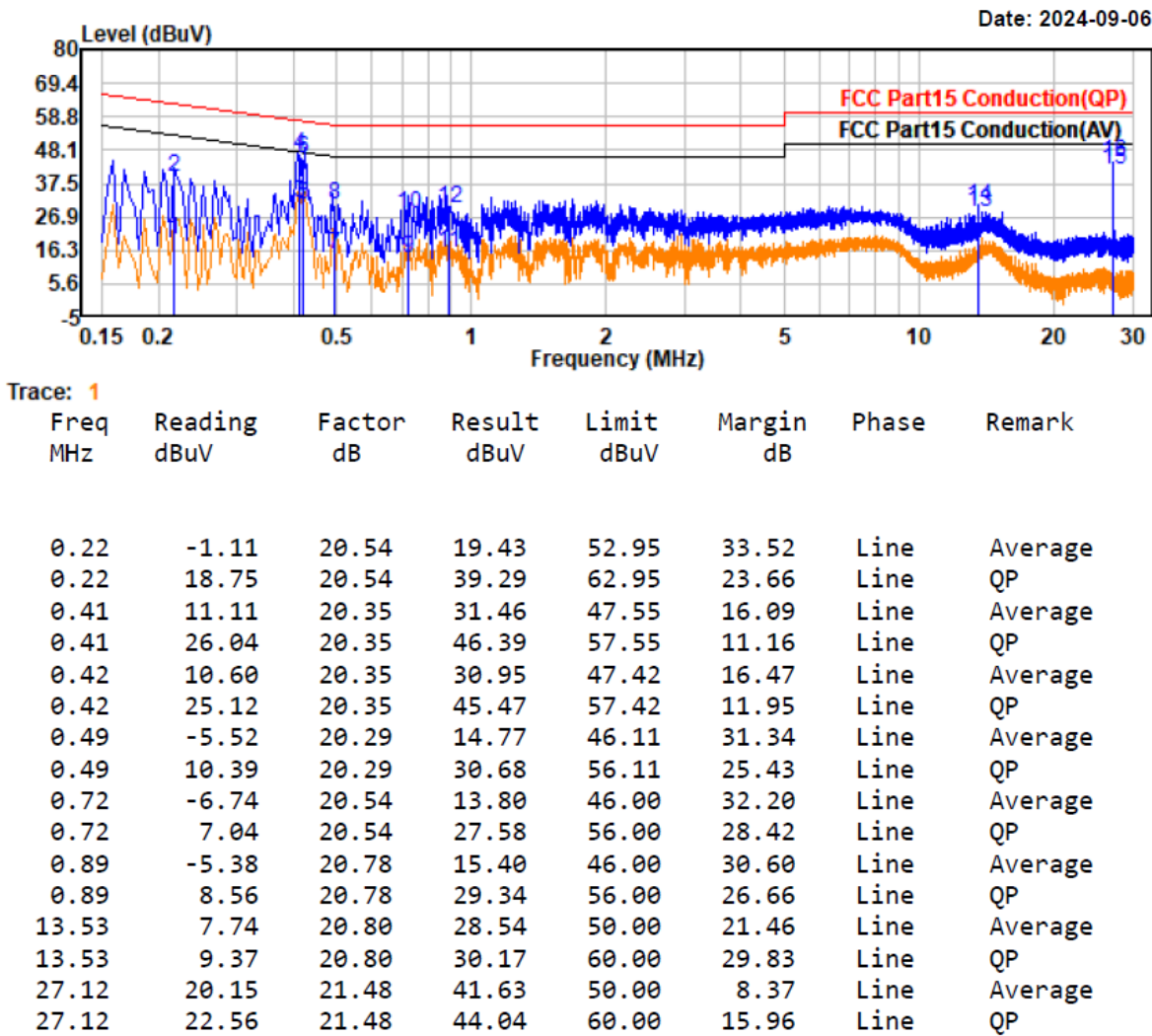
Trace: 1

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.21	-0.58	20.65	20.07	53.03	32.96	Neutral	Average
0.21	19.27	20.65	39.92	63.03	23.11	Neutral	QP
0.34	-3.14	20.51	17.37	49.27	31.90	Neutral	Average
0.34	12.00	20.51	32.51	59.27	26.76	Neutral	QP
0.40	2.64	20.47	23.11	47.93	24.82	Neutral	Average
0.40	13.82	20.47	34.29	57.93	23.64	Neutral	QP
0.42	8.78	20.45	29.23	47.44	18.21	Neutral	Average
0.42	19.35	20.45	39.80	57.44	17.64	Neutral	QP
0.83	-1.91	20.60	18.69	46.00	27.31	Neutral	Average
0.83	6.94	20.60	27.54	56.00	28.46	Neutral	QP
8.81	3.04	20.83	23.87	50.00	26.13	Neutral	Average
8.81	8.99	20.83	29.82	60.00	30.18	Neutral	QP

EUT Model: NLS-NQuire500

Project No.: 2407V20721E-RF
Test Mode: BT 2DH1 2480
EUT Model: NLS-NQuire500

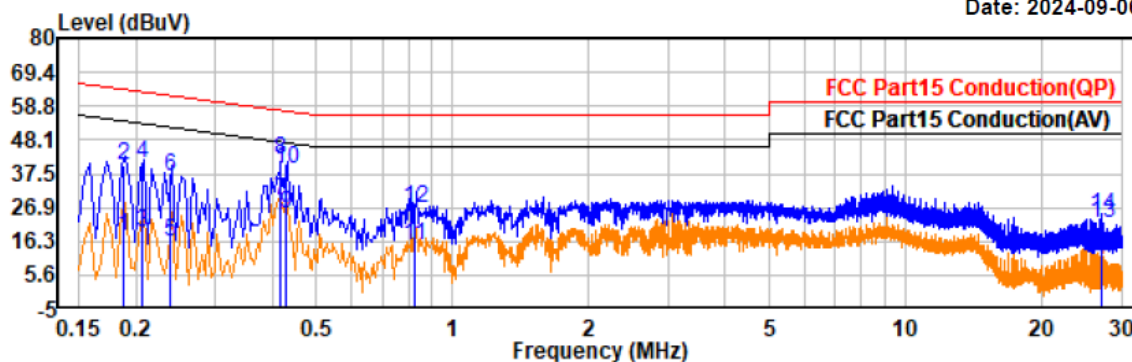
Temp/Humi/ATM: 22.9°C/53%/100.1kPa
Tested by: Spike Gao
Power Source: AC 120V/60Hz



Project No.: 2407V20721E-RF
Test Mode: BT 2DH1 2480
EUT Model: NLS-NQuire500

Temp/Humi/ATM: 22.9°C/53%/100.1kPa
Tested by: Spike Gao
Power Source: AC 120V/60Hz

Date: 2024-09-06



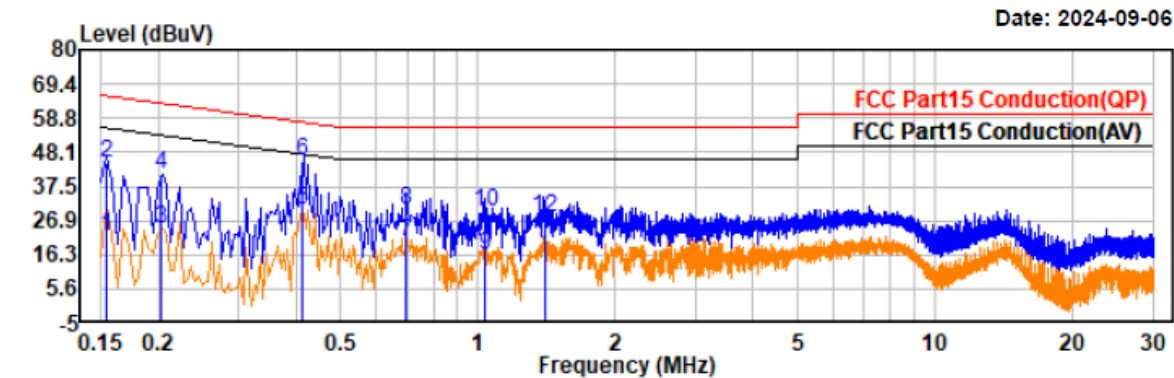
Trace: 1

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.19	-2.53	20.67	18.14	54.09	35.95	Neutral	Average
0.19	19.42	20.67	40.09	64.09	24.00	Neutral	QP
0.21	-1.50	20.66	19.16	53.32	34.16	Neutral	Average
0.21	20.05	20.66	40.71	63.32	22.61	Neutral	QP
0.24	-4.50	20.61	16.11	52.17	36.06	Neutral	Average
0.24	15.84	20.61	36.45	62.17	25.72	Neutral	QP
0.42	8.40	20.45	28.85	47.54	18.69	Neutral	Average
0.42	21.56	20.45	42.01	57.54	15.53	Neutral	QP
0.43	4.57	20.44	25.01	47.26	22.25	Neutral	Average
0.43	18.24	20.44	38.68	57.26	18.58	Neutral	QP
0.83	-5.64	20.59	14.95	46.00	31.05	Neutral	Average
0.83	6.19	20.59	26.78	56.00	29.22	Neutral	QP
27.19	0.71	21.45	22.16	50.00	27.84	Neutral	Average
27.19	2.67	21.45	24.12	60.00	35.88	Neutral	QP

EUT Model: NLS-NQuire700

Project No.: 2407V20721E-RF
Test Mode: BT 2DH1 2480
EUT Model: NLS-NQuire700

Temp/Humi/ATM: 22.9°C/53%/100.1kPa
Tested by: Spike Gao
Power Source: AC 120V/60Hz

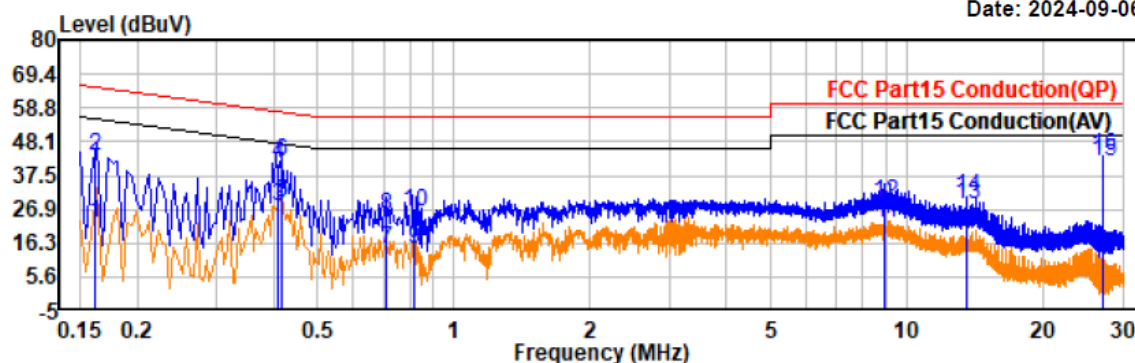


Trace: 1							
Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.15	1.18	20.90	22.08	55.76	33.68	Line	Average
0.15	23.86	20.90	44.76	65.76	21.00	Line	QP
0.20	3.89	20.57	24.46	53.52	29.06	Line	Average
0.20	20.57	20.57	41.14	63.52	22.38	Line	QP
0.41	9.60	20.35	29.95	47.57	17.62	Line	Average
0.41	25.03	20.35	45.38	57.57	12.19	Line	QP
0.69	-0.08	20.50	20.42	46.00	25.58	Line	Average
0.69	9.72	20.50	30.22	56.00	25.78	Line	QP
1.03	-4.86	20.93	16.07	46.00	29.93	Line	Average
1.03	8.46	20.93	29.39	56.00	26.61	Line	QP
1.40	-1.65	21.02	19.37	46.00	26.63	Line	Average
1.40	7.07	21.02	28.09	56.00	27.91	Line	QP

Project No.: 2407V20721E-RF
Test Mode: BT 2DH1 2480
EUT Model: NLS-NQuire700

Temp/Humi/ATM: 22.9°C/53%/100.1kPa
Tested by: Spike Gao
Power Source: AC 120V/60Hz

Date: 2024-09-06



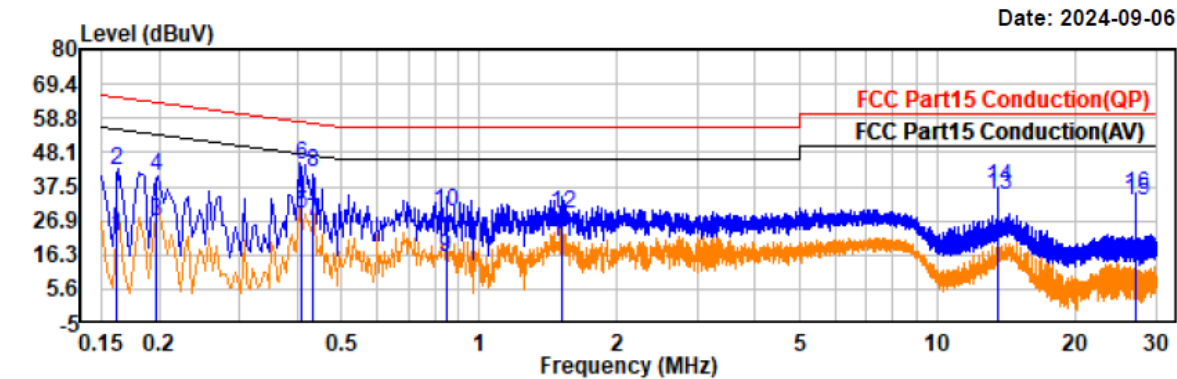
Trace: 1

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.16	1.98	20.72	22.70	55.35	32.65	Neutral	Average
0.16	22.98	20.72	43.70	65.35	21.65	Neutral	QP
0.41	7.15	20.45	27.60	47.64	20.04	Neutral	Average
0.41	20.82	20.45	41.27	57.64	16.37	Neutral	QP
0.42	8.47	20.45	28.92	47.54	18.62	Neutral	Average
0.42	21.60	20.45	42.05	57.54	15.49	Neutral	QP
0.71	-6.19	20.33	14.14	46.00	31.86	Neutral	Average
0.71	4.71	20.33	25.04	56.00	30.96	Neutral	QP
0.82	-6.49	20.57	14.08	46.00	31.92	Neutral	Average
0.82	5.61	20.57	26.18	56.00	29.82	Neutral	QP
8.95	2.00	20.81	22.81	50.00	27.19	Neutral	Average
8.95	8.00	20.81	28.81	60.00	31.19	Neutral	QP
13.57	7.42	21.01	28.43	50.00	21.57	Neutral	Average
13.57	9.89	21.01	30.90	60.00	29.10	Neutral	QP
27.12	20.33	21.46	41.79	50.00	8.21	Neutral	Average
27.12	21.98	21.46	43.44	60.00	16.56	Neutral	QP

EUT Model: NLS-NQuire1000

Project No.: 2407V20721E-RF
Test Mode: BT 2DH1 2480
EUT Model: NLS-NQuire1000

Temp/Humi/ATM: 22.9°C/53%/100.1kPa
Tested by: Spike Gao
Power Source: AC 120V/60Hz



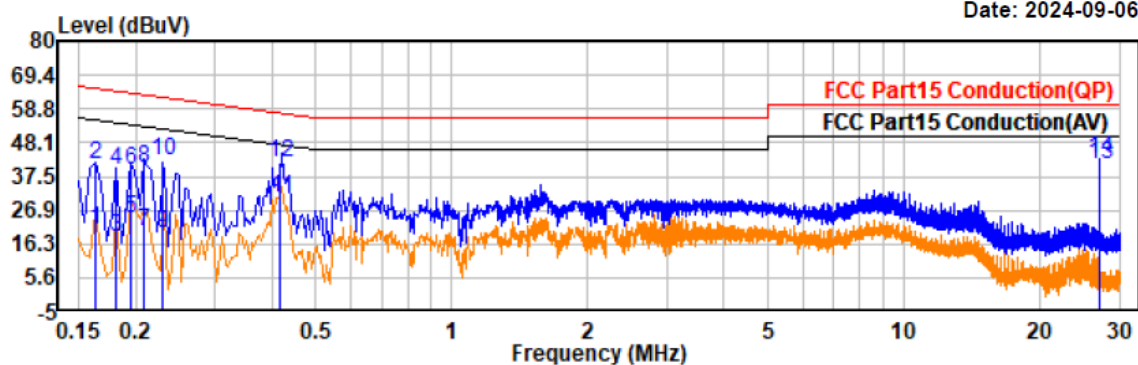
Trace: 1

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.16	1.36	20.84	22.20	55.36	33.16	Line	Average
0.16	21.89	20.84	42.73	65.36	22.63	Line	QP
0.20	5.99	20.59	26.58	53.70	27.12	Line	Average
0.20	19.96	20.59	40.55	63.70	23.15	Line	QP
0.41	8.57	20.36	28.93	47.66	18.73	Line	Average
0.41	24.07	20.36	44.43	57.66	13.23	Line	QP
0.43	6.43	20.34	26.77	47.18	20.41	Line	Average
0.43	21.51	20.34	41.85	57.18	15.33	Line	QP
0.85	-5.29	20.72	15.43	46.00	30.57	Line	Average
0.85	9.10	20.72	29.82	56.00	26.18	Line	QP
1.51	-0.80	21.05	20.25	46.00	25.75	Line	Average
1.51	7.74	21.05	28.79	56.00	27.21	Line	QP
13.55	14.24	20.80	35.04	50.00	14.96	Line	Average
13.55	16.12	20.81	36.93	60.00	23.07	Line	QP
27.13	11.39	21.48	32.87	50.00	17.13	Line	Average
27.13	13.45	21.48	34.93	60.00	25.07	Line	QP

Project No.: 2407V20721E-RF
Test Mode: BT 2DH1 2480
EUT Model: NLS-NQuire1000

Temp/Humi/ATM: 22.9°C/53%/100.1kPa
Tested by: Spike Gao
Power Source: AC 120V/60Hz

Date: 2024-09-06



Trace: 1

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.16	0.21	20.72	20.93	55.30	34.37	Neutral	Average
0.16	20.64	20.72	41.36	65.30	23.94	Neutral	QP
0.18	-2.03	20.68	18.65	54.42	35.77	Neutral	Average
0.18	18.65	20.68	39.33	64.42	25.09	Neutral	QP
0.20	3.66	20.67	24.33	53.79	29.46	Neutral	Average
0.20	18.86	20.67	39.53	63.79	24.26	Neutral	QP
0.21	-0.64	20.66	20.02	53.26	33.24	Neutral	Average
0.21	19.52	20.66	40.18	63.26	23.08	Neutral	QP
0.23	-1.02	20.63	19.61	52.49	32.88	Neutral	Average
0.23	21.80	20.63	42.43	62.49	20.06	Neutral	QP
0.42	10.34	20.45	30.79	47.48	16.69	Neutral	Average
0.42	21.59	20.45	42.04	57.48	15.44	Neutral	QP
27.12	19.73	21.46	41.19	50.00	8.81	Neutral	Average
27.12	21.40	21.46	42.86	60.00	17.14	Neutral	QP

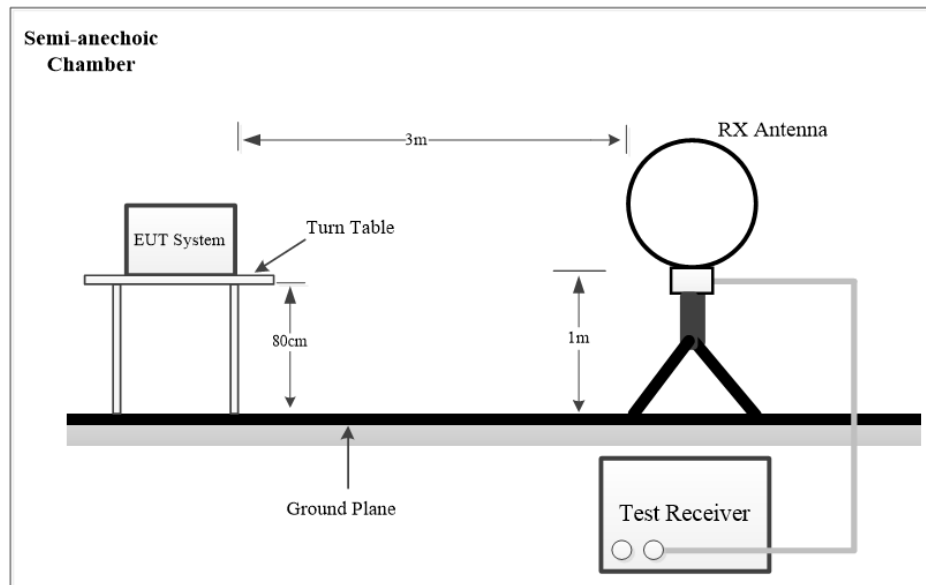
FCC §15.205, §15.209 & §15.247(d) – RADIATED EMISSIONS

Applicable Standard

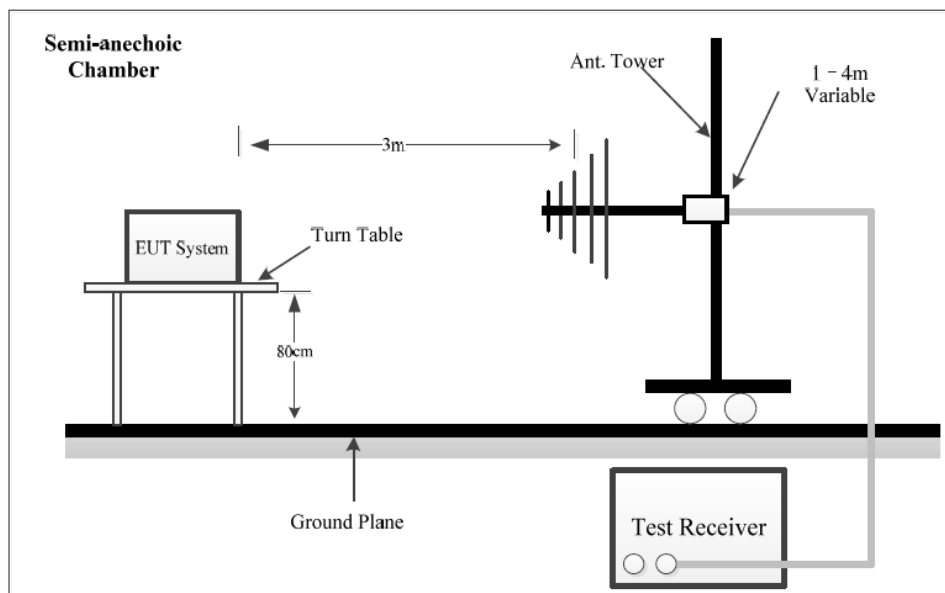
FCC §15.205; §15.209; §15.247(d)

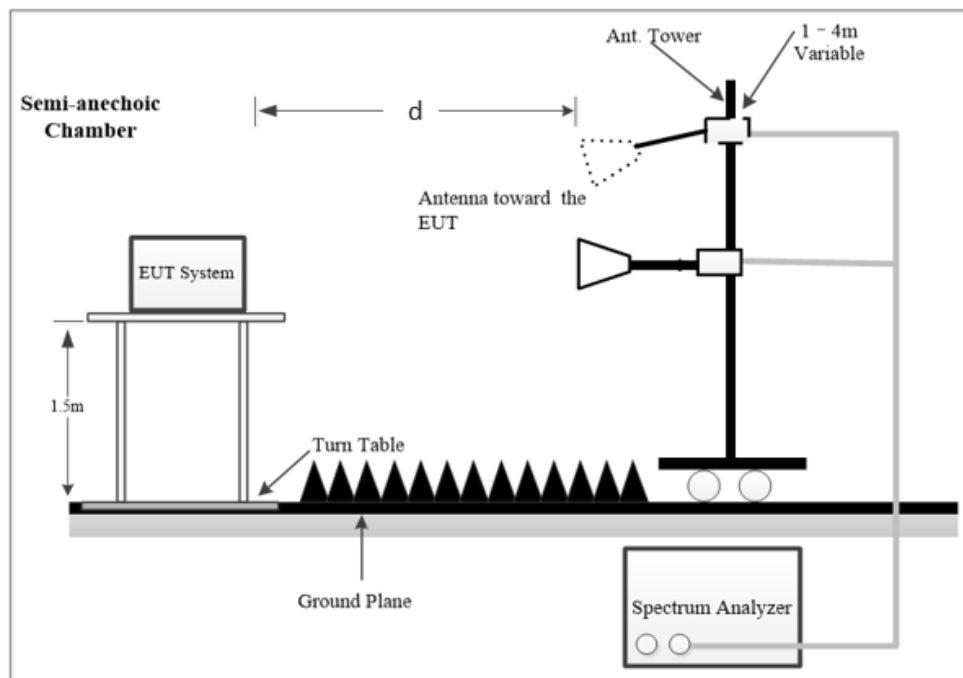
Test System Setup

9 kHz-30MHz



Below 1 GHz:



Above 1GHz:

The radiated emission tests using the setup accordance with the ANSI C63.10-2013. The specification used was the FCC 15.209, and FCC 15.247 limits.

NOTE: d is testing distance;

For Radiated Emission test (1GHz-18GHz) and Bandedge Emission test, which was performed at 3 m distance.

For Radiated Emission test (18GHz-25GHz), which was performed at 1.5 m distance, according to ANSI C63.10-2013, the test result shall be extrapolated to the specified distance using an extrapolation Factor of 20dB/decade from 3m to 1.5m.

Distance extrapolation Factor = $20 \log (\text{specific distance [3m]}/\text{test distance [1.5m]})$ dB = 6 dB

EMI Test Receiver & Spectrum Analyzer Setup

The system was investigated from 9 kHz to 25 GHz.

During the radiated emission test, the EMI Test Receiver & Spectrum Analyzer Setup was set with the following configurations:

Frequency Range	RBW	VBW	Measurement
9 kHz – 150 kHz	300Hz	1 kHz	PK
	200Hz	/	QP
150 kHz – 30 MHz	10 kHz	30 kHz	PK
	9kHz	/	QP
30 MHz – 1000 MHz	100 kHz	300 kHz	PK
	120kHz	/	QP

1GHz~25GHz:

Pre-scan:

Measurement	RBW	Video B/W	Detector
PK	1MHz	3MHz	PK
Ave.	1MHz	5kHz	PK

Final measurement for emission identified during the pre-scan:

Measurement	RBW	Video B/W	Detector
PK	1MHz	3MHz	PK
Ave.	1MHz	10Hz	PK

Test Procedure

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

For each measurement antenna alignment, the EUT shall be rotated through 0° to 360° on a turntable. The report shall list the six emissions with the smallest margin relative to the limit, for each of the three antenna orientations (parallel, perpendicular, and ground parallel) unless the margin is greater than 20 dB, then the following statement shall be made: "all emissions were greater than 20 dB below the limit."

Below 1GHz, if the measured peak level of the emissions that the measuring receiver reading level plus corrected factor is at least 6 dB below the QP emission limit, there's no need to record the measured QP level of the emissions in the report.

Above 1GHz, if the measured peak level of the emissions that the measuring receiver reading level plus corrected factor is below the AV emission limit, there's no need to record the measured AV level of the emissions in the report.

Result & Margin Calculation

The Result is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain from the Meter Reading. The basic equation is as follows:

For 9 kHz to 18GHz Radiated emission test

Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - Amplifier Gain (dB)

For 18GHz to 25GHz Radiated emission test and Bandedge emissions test

Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - Amplifier Gain (dB) - Extrapolation factor (dB)

Extrapolation factor = 6dB (distance = 1.5m)

Result (dBμV/m) = Reading (dBμV) + Factor (dB/m)

The "Margin" column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

Margin (dB) = Limit (dBμV/m) - Result (dBμV/m)

Test Data

Please refer to the below table and plots.

Pre-scan in the X, Y and Z axes of orientation, the worst case Y-axis of orientation was recorded.

Frequency Range:	Below 1 GHz	Above 1 GHz
Temperature:	22.5°C~24.1°C	21.5°C~24.7°C
Relative Humidity:	50%~56%	46%~53%
ATM Pressure:	100.1kPa~100.2kPa	100.1kPa
Test Date:	2024-08-31~2024-09-23	2024-09-02~2025-01-06
Test Engineer:	Wlif Wu	Wlif Wu

1) 9 kHz ~150 kHz

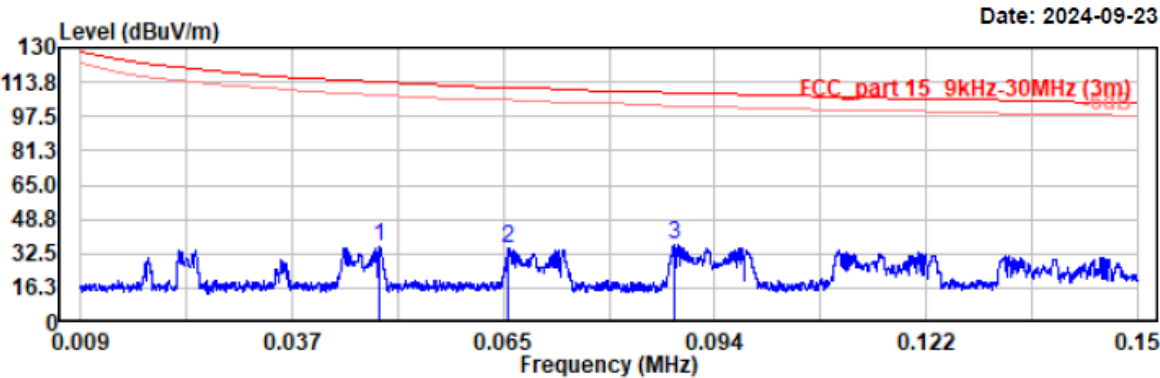
Pre-scan in parallel, ground-parallel and perpendicular of orientation of loop antenna, parallel is worst case.

Note: The maximum output power mode: EDR($\pi/4$ -DQPSK) high channel was tested.

EUT Model: NLS-NQuire1500

Project No.: 2407V20721E-RF
Test Mode: 2DH1-2480
EUT Model: NLS-NQuire1500
Test distance: 3m

Temp/Humi/ATM: 23.6°C/56%/100.2kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

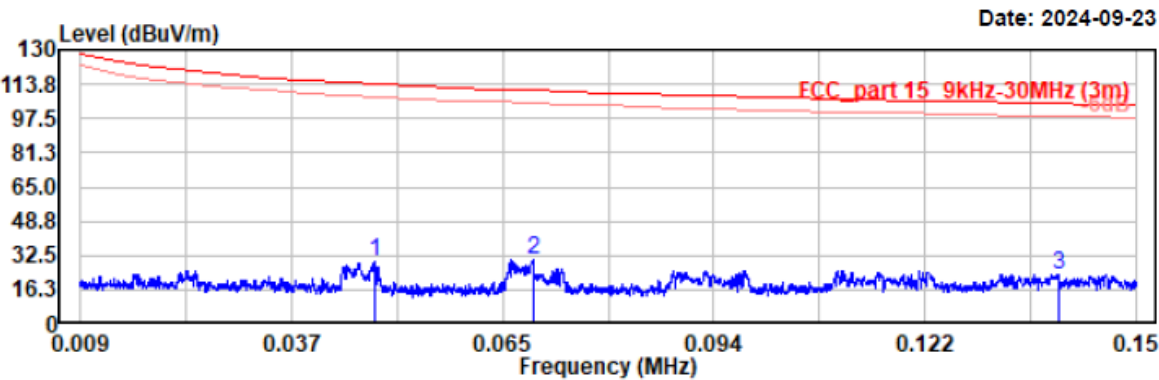


Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.049	16.25	19.91	36.16	113.82	77.66	Peak
0.066	14.85	19.85	34.70	111.21	76.51	Peak
0.088	17.09	19.79	36.88	108.70	71.82	Peak

EUT Model: NLS-NQuire500

Project No.: 2407V20721E-RF
Test Mode: 2DH1-2480
EUT Model: NLS-NQuire500
Test distance: 3m

Temp/Humi/ATM: 23.6℃/56%/100.2kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.048	9.58	19.91	29.49	113.94	84.45	Peak
0.069	10.38	19.82	30.20	110.77	80.57	Peak
0.140	3.81	19.73	23.54	104.71	81.17	Peak

EUT Model: NLS-NQuire700

Project No.: 2407V20721E-RF

Test Mode: 2DH1-2480

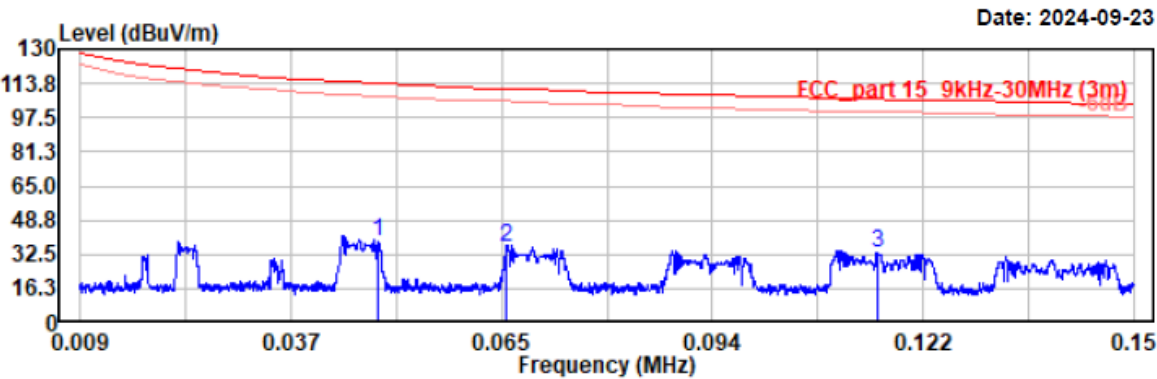
EUT Model: NLS-NQuire700

Test distance: 3m

Temp/Humi/ATM: 23.6℃/56%/100.2kPa

Tested by: Wlif Wu

Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.049	18.89	19.91	38.80	113.83	75.03	Peak
0.066	16.19	19.85	36.04	111.21	75.17	Peak
0.116	13.60	19.73	33.33	106.34	73.01	Peak

EUT Model: NLS-NQuire1000

Project No.: 2407V20721E-RF

Test Mode: 2DH1-2480

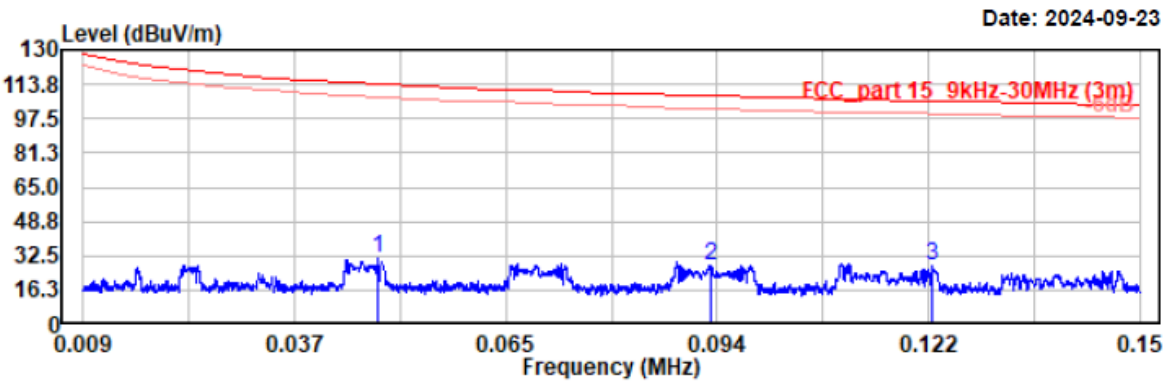
EUT Model: NLS-NQuire1000

Test distance: 3m

Temp/Humi/ATM: 23.6℃/56%/100.2kPa

Tested by: Wlif Wu

Power Source: AC120V/60Hz



2) 150 kHz ~ 30 MHz

EUT Model: NLS-NQuire1500

Project No.: 2407V20721E-RF

Test Mode: 2DH1-2480

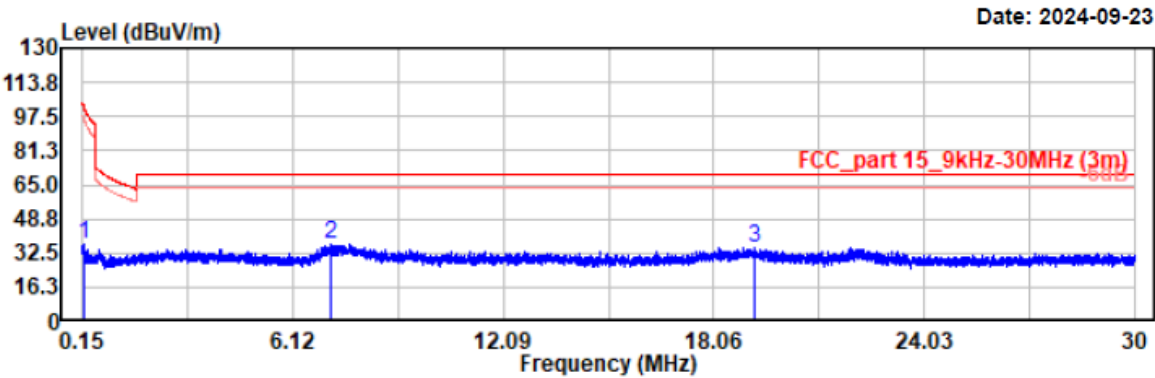
EUT Model: NLS-NQuire1500

Test distance: 3m

Temp/Humi/ATM: 23.6°C/56%/100.2kPa

Tested by: Wlif Wu

Power Source: AC120V/60Hz

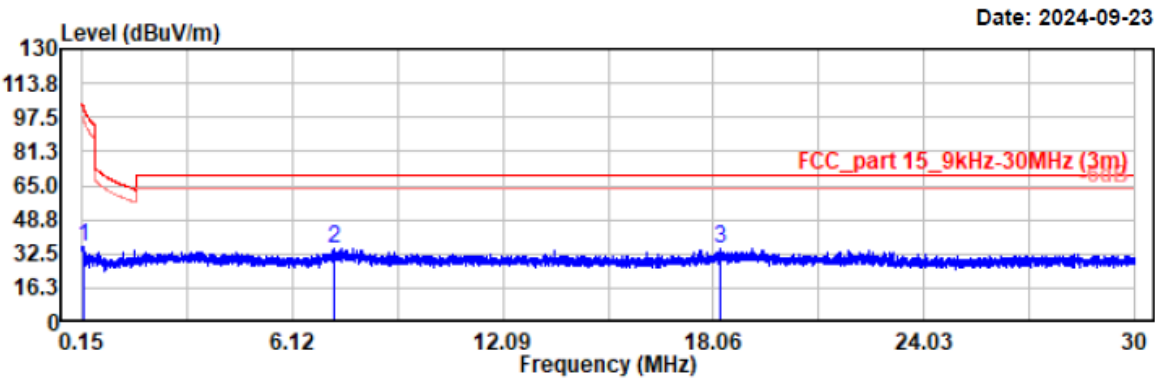


Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.192	16.63	19.72	36.35	101.95	65.60	Peak
7.174	16.96	19.68	36.64	69.54	32.90	Peak
19.218	14.95	20.04	34.99	69.54	34.55	Peak

EUT Model: NLS-NQuire500

Project No.: 2407V20721E-RF
Test Mode: 2DH1-2480
EUT Model: NLS-NQuire500
Test distance: 3m

Temp/Humi/ATM: 23.6°C/56%/100.2kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz

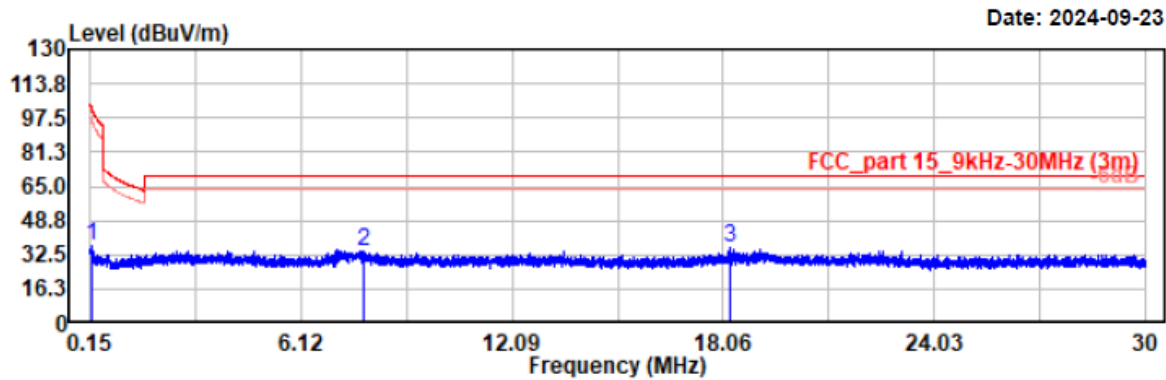


Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.192	16.46	19.72	36.18	101.95	65.77	Peak
7.284	15.56	19.68	35.24	69.54	34.30	Peak
18.242	14.89	19.97	34.86	69.54	34.68	Peak

EUT Model: NLS-NQuire700

Project No.: 2407V20721E-RF
Test Mode: 2DH1-2480
EUT Model: NLS-NQuire700
Test distance: 3m

Temp/Humi/ATM: 23.6°C/56%/100.2kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.192	16.80	19.72	36.52	101.95	65.43	Peak
7.914	14.64	19.68	34.32	69.54	35.22	Peak
18.242	15.66	19.97	35.63	69.54	33.91	Peak

EUT Model: NLS-NQuire1000

Project No.: 2407V20721E-RF

Test Mode: 2DH1-2480

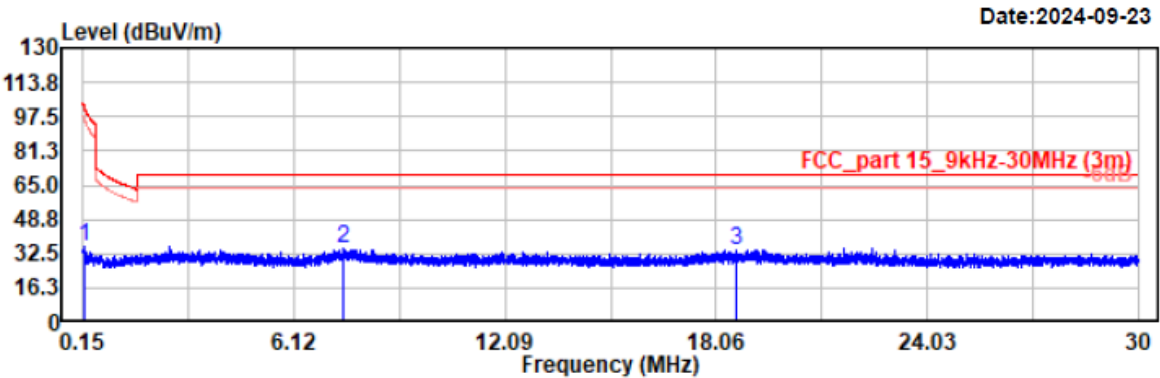
EUT Model: NLS-NQuire1000

Test distance: 3m

Temp/Humi/ATM: 23.6°C/56%/100.2kPa

Tested by: Wlif Wu

Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
0.192	16.46	19.72	36.18	101.95	65.77	Peak
7.538	15.09	19.68	34.77	69.54	34.77	Peak
18.615	13.82	20.00	33.82	69.54	35.72	Peak

3) 30MHz-1GHz

Note: The maximum output power mode: $\pi/4$ -DQPSK high channel was tested.

EUT Model: NLS-NQuire1500

Project No.: 2407V20721E-RF

Temp/Humi/ATM: 23.2℃/50%/100.1kPa

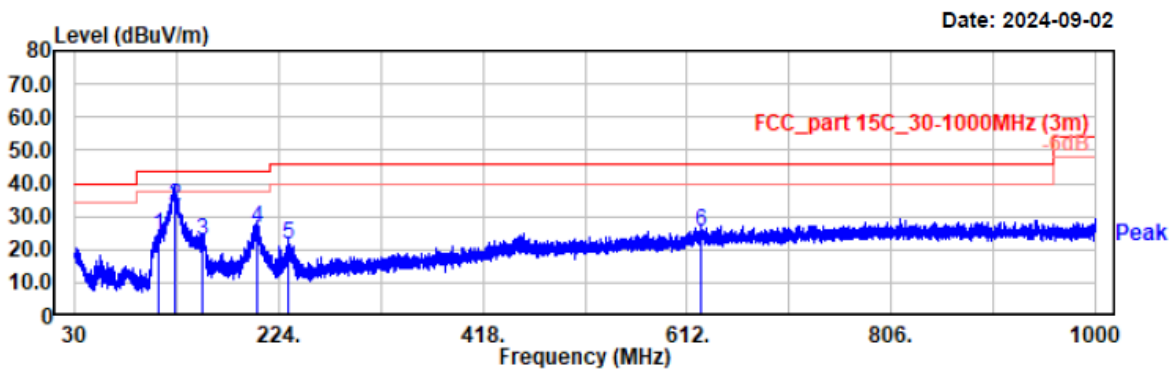
Test Mode: 2DH1-2480

Tested by: Wlif Wu

EUT Model: NLS-NQuire1500

Power Source: AC120V/60Hz

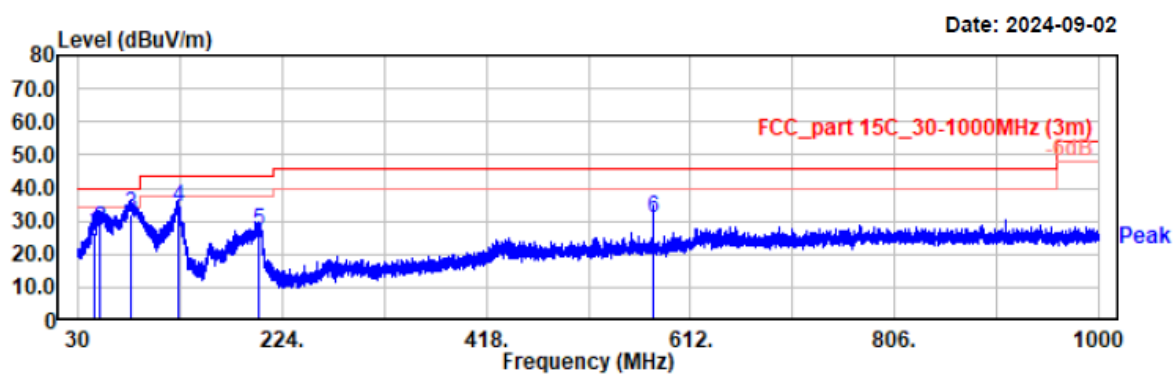
Test distance: 3m



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
109.83	36.18	-11.94	24.24	43.50	19.26	Horizontal	QP
124.67	42.99	-9.94	33.05	43.50	10.45	Horizontal	QP
151.25	33.71	-11.15	22.56	43.50	20.94	Horizontal	QP
203.73	38.46	-11.98	26.48	43.50	17.02	Horizontal	QP
232.83	33.38	-12.08	21.30	46.00	24.70	Horizontal	QP
624.90	26.71	-1.40	25.31	46.00	20.69	Horizontal	QP

Project No.: 2407V20721E-RF
Test Mode: 2DH1-2480
EUT Model: NLS-NQuire1500
Test distance: 3m

Temp/Humi/ATM: 23.2°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
45.33	42.02	-15.38	26.64	40.00	13.36	Vertical	QP
51.34	45.27	-17.59	27.68	40.00	12.32	Vertical	QP
79.37	48.85	-17.02	31.83	40.00	8.17	Vertical	QP
124.67	44.01	-9.94	34.07	43.50	9.43	Vertical	QP
201.11	38.60	-11.79	26.81	43.50	16.69	Vertical	QP
576.01	33.25	-2.54	30.71	46.00	15.29	Vertical	QP

EUT Model: NLS-NQuire500

Project No.: 2407V20721E-RF

Test Mode: 2DH1-2480

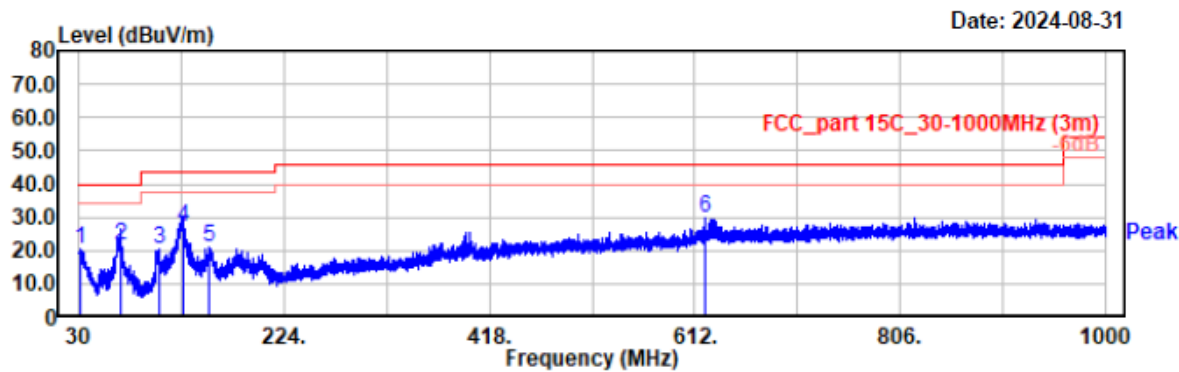
EUT Model: NLS-NQuire500

Test distance: 3m

Temp/Humi/ATM: 22.5°C/50%/100.1kPa

Tested by: Wlif Wu

Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
31.26	26.30	-6.00	20.30	40.00	19.70	Horizontal	QP
69.09	38.48	-17.17	21.31	40.00	18.69	Horizontal	QP
105.76	33.40	-13.12	20.28	43.50	23.22	Horizontal	QP
128.16	36.79	-9.94	26.85	43.50	16.65	Horizontal	QP
153.58	32.15	-11.26	20.89	43.50	22.61	Horizontal	QP
621.41	31.23	-1.55	29.68	46.00	16.32	Horizontal	QP

Project No.: 2407V20721E-RF

Test Mode: 2DH1-2480

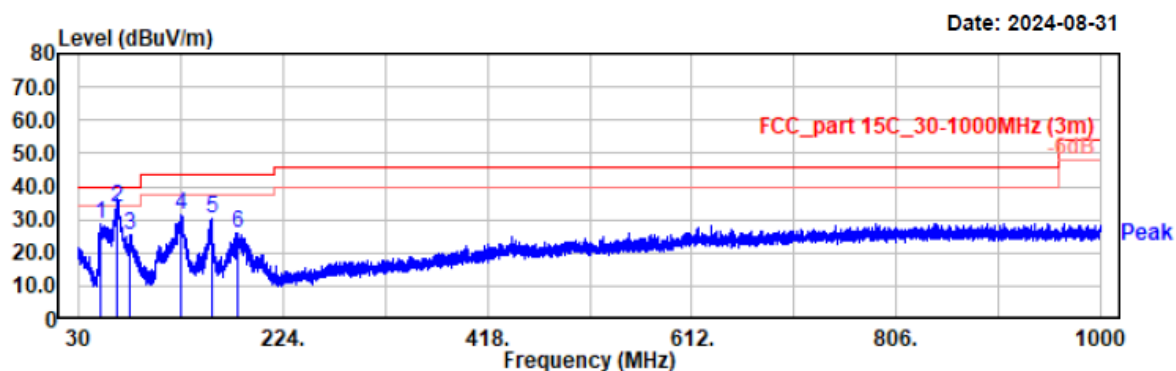
EUT Model: NLS-NQuire500

Test distance: 3m

Temp/Humi/ATM: 22.5°C/50%/100.1kPa

Tested by: Wlif Wu

Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
50.56	46.10	-17.44	28.66	40.00	11.34	Vertical	Peak
66.76	50.86	-17.17	33.69	40.00	6.31	Vertical	QP
78.31	42.37	-17.08	25.29	40.00	14.71	Vertical	Peak
127.39	41.61	-9.99	31.62	43.50	11.88	Vertical	Peak
155.91	41.51	-11.31	30.20	43.50	13.30	Vertical	Peak
180.45	38.53	-12.36	26.17	43.50	17.33	Vertical	Peak

EUT Model: NLS-NQuire700

Project No.: 2407V20721E-RF

Test Mode: 2DH1-2480

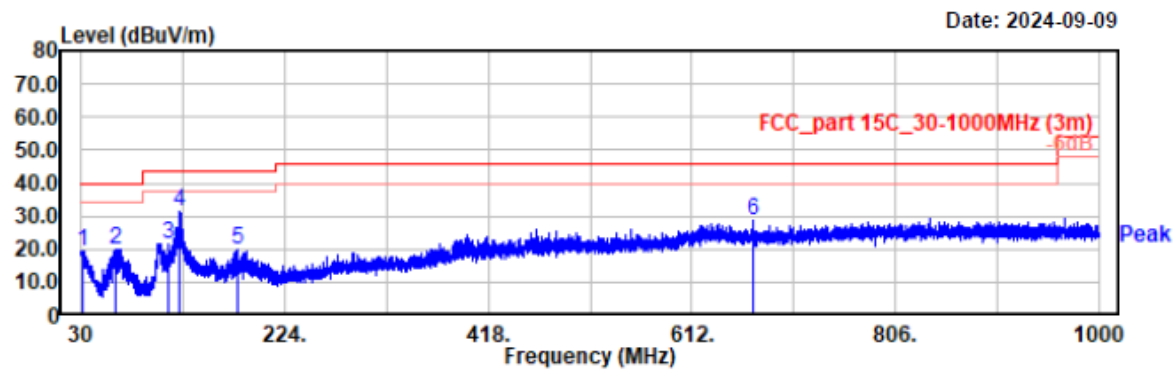
EUT Model: NLS-NQuire700

Test distance: 3m

Temp/Humi/ATM: 24.1℃/55%/100.1kPa

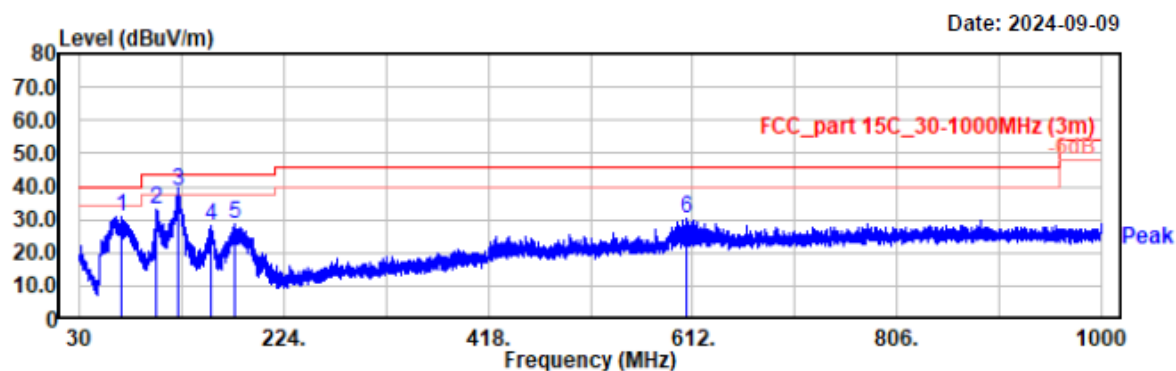
Tested by: Wlif Wu

Power Source: AC120V/60Hz



Project No.: 2407V20721E-RF
Test Mode: 2DH1-2480
EUT Model: NLS-NQuire700
Test distance: 3m

Temp/Humi/ATM: 24.1℃/55%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
70.06	47.79	-17.07	30.72	40.00	9.28	Vertical	QP
103.04	47.25	-13.96	33.29	43.50	10.21	Vertical	QP
123.80	48.79	-9.95	38.84	43.50	4.66	Vertical	QP
154.35	39.26	-11.28	27.98	43.50	15.52	Vertical	QP
177.63	40.98	-12.19	28.79	43.50	14.71	Vertical	QP
605.60	32.76	-2.25	30.51	46.00	15.49	Vertical	QP

EUT Model: NLS-NQuire1000

Project No.: 2407V20721E-RF

Test Mode: 2DH1-2480

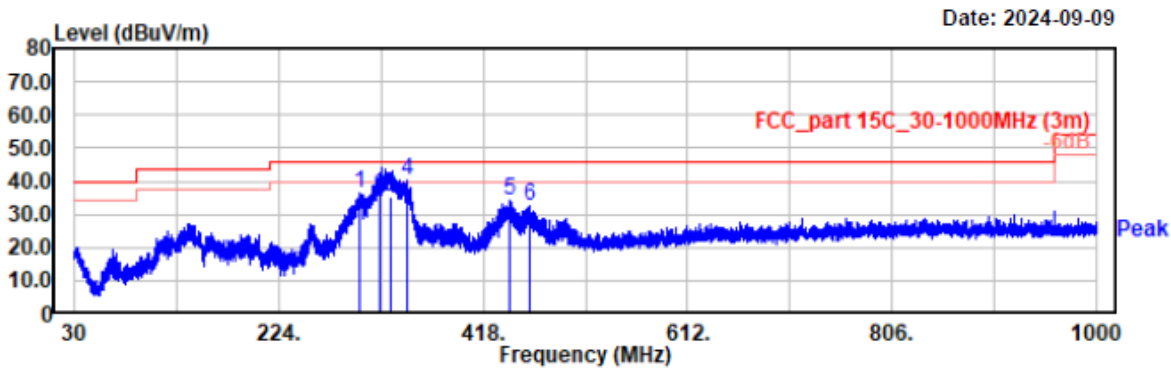
EUT Model: NLS-NQuire1000

Test distance: 3m

Temp/Humi/ATM: 24.1℃/55%/100.1kPa

Tested by: Wlif Wu

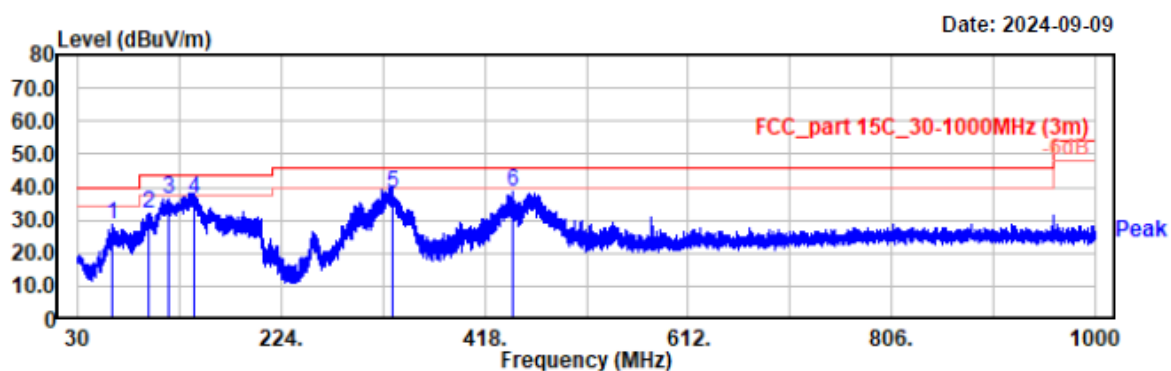
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
300.82	45.77	-9.17	36.60	46.00	9.40	Horizontal	QP
320.45	43.93	-8.75	35.18	46.00	10.82	Horizontal	QP
330.70	43.67	-8.58	35.09	46.00	10.91	Horizontal	QP
345.64	48.32	-8.20	40.12	46.00	5.88	Horizontal	QP
442.64	39.10	-5.00	34.10	46.00	11.90	Horizontal	QP
461.46	37.19	-4.56	32.63	46.00	13.37	Horizontal	QP

Project No.: 2407V20721E-RF
Test Mode: 2DH1-2480
EUT Model: NLS-NQuire1000
Test distance: 3m

Temp/Humi/ATM: 24.1°C/55%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



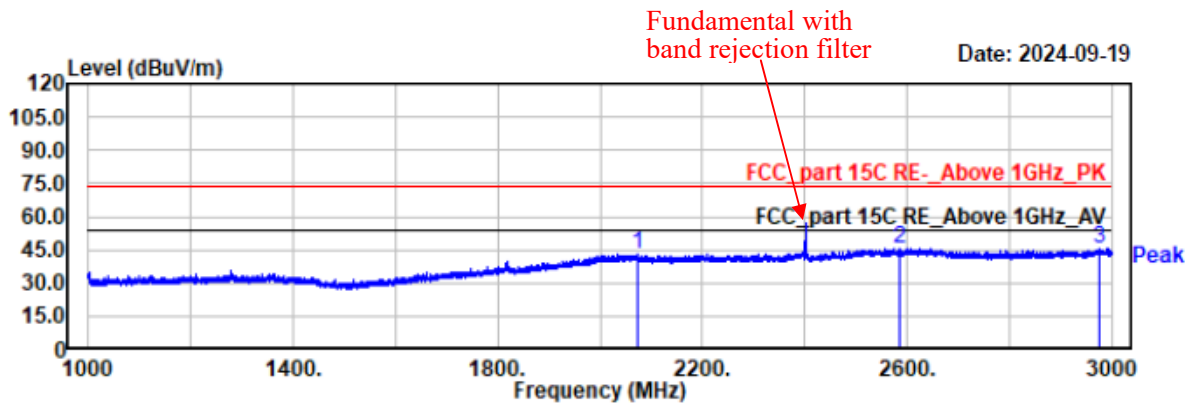
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
63.08	45.99	-17.36	28.63	40.00	11.37	Vertical	QP
97.42	47.65	-15.63	32.02	43.50	11.48	Vertical	QP
116.23	47.16	-10.78	36.38	43.50	7.12	Vertical	QP
141.36	47.18	-10.84	36.34	43.50	7.16	Vertical	QP
330.22	46.61	-8.60	38.01	46.00	7.99	Vertical	QP
445.16	43.54	-4.94	38.60	46.00	7.40	Vertical	QP

4) 1 GHz-3 GHz

EUT Model: NLS-NQuire1500

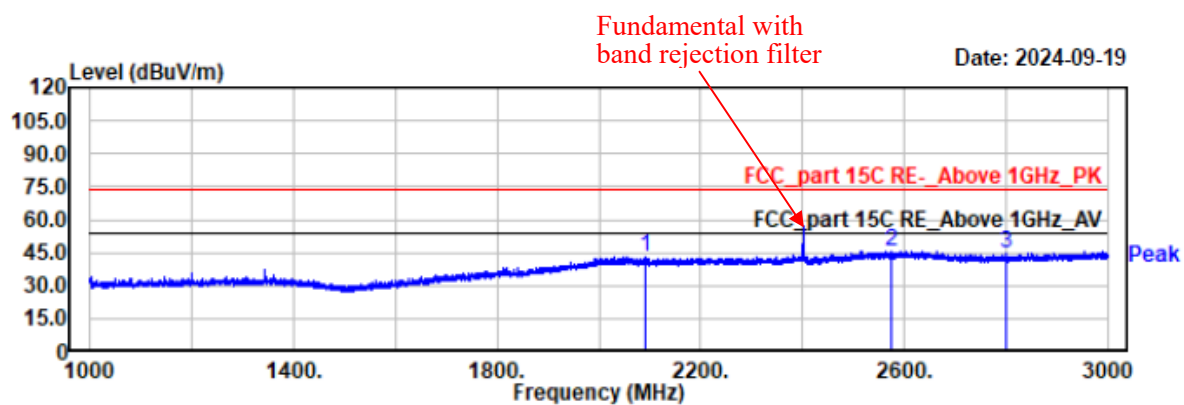
Project No.: 2407V20721E-RF
Test Mode: 1DH1-2402
EUT Model: NLS-NQuire1500
Test distance: 3m

Temp/Humi/ATM: 23.4°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Project No.: 2407V20721E-RF
Test Mode: 1DH1-2402
EUT Model: NLS-NQuire1500
Test distance: 3m

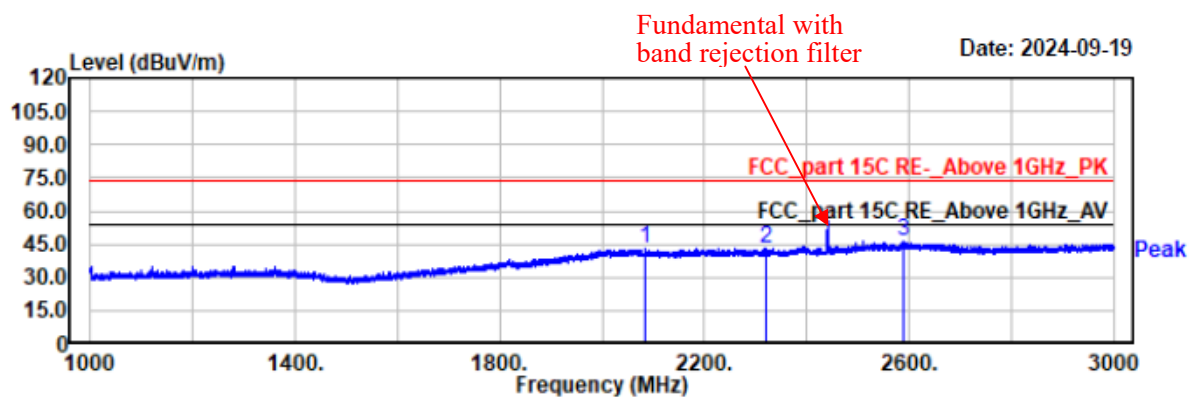
Temp/Humi/ATM: 23.4°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2091.00	49.74	-6.59	43.15	74.00	30.85	vertical	Peak
2574.00	49.29	-3.38	45.91	74.00	28.09	vertical	Peak
2800.40	49.63	-4.69	44.94	74.00	29.06	vertical	Peak

Project No.: 2407V20721E-RF
Test Mode: 1DH1-2441
EUT Model: NLS-NQuire1500
Test distance: 3m

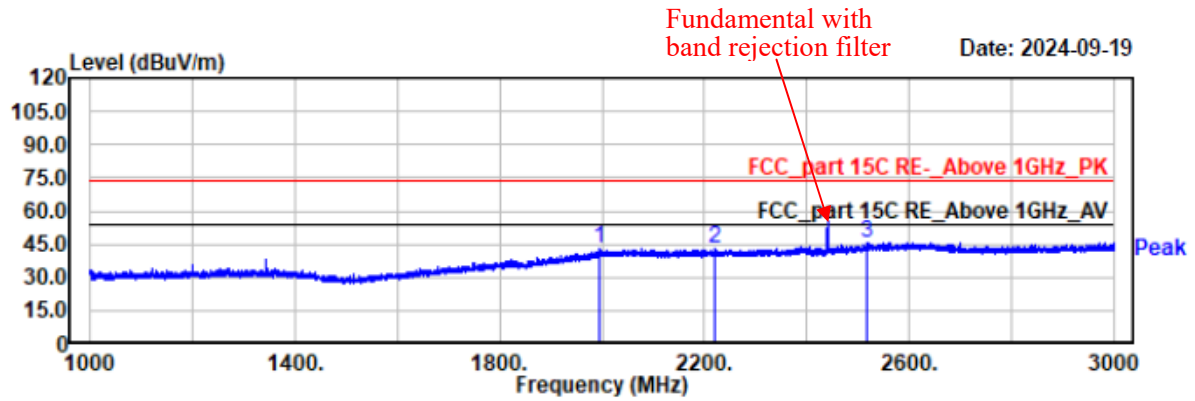
Temp/Humi/ATM: 23.4°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2084.80	49.48	-6.50	42.98	74.00	31.02	horizontal	Peak
2318.80	49.57	-6.15	43.42	74.00	30.58	horizontal	Peak
2589.20	49.30	-3.33	45.97	74.00	28.03	horizontal	Peak

Project No.: 2407V20721E-RF
Test Mode: 1DH1-2441
EUT Model: NLS-NQuire1500
Test distance: 3m

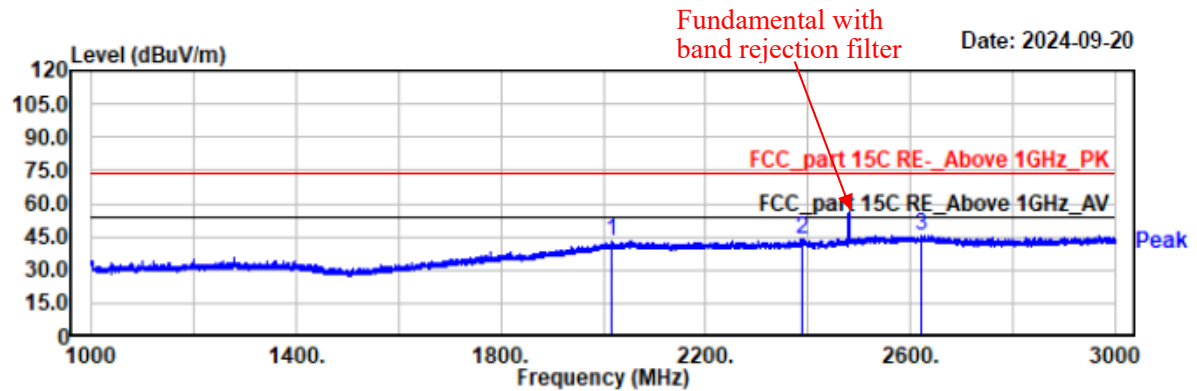
Temp/Humi/ATM: 23.4°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1996.40	49.74	-6.88	42.86	74.00	31.14	vertical	Peak
2220.80	49.22	-6.25	42.97	74.00	31.03	vertical	Peak
2515.80	49.59	-3.93	45.66	74.00	28.34	vertical	Peak

Project No.: 2407V20721E-RF
Test Mode: 1DH1-2480
EUT Model: NLS-NQuire1500
Test distance: 3m

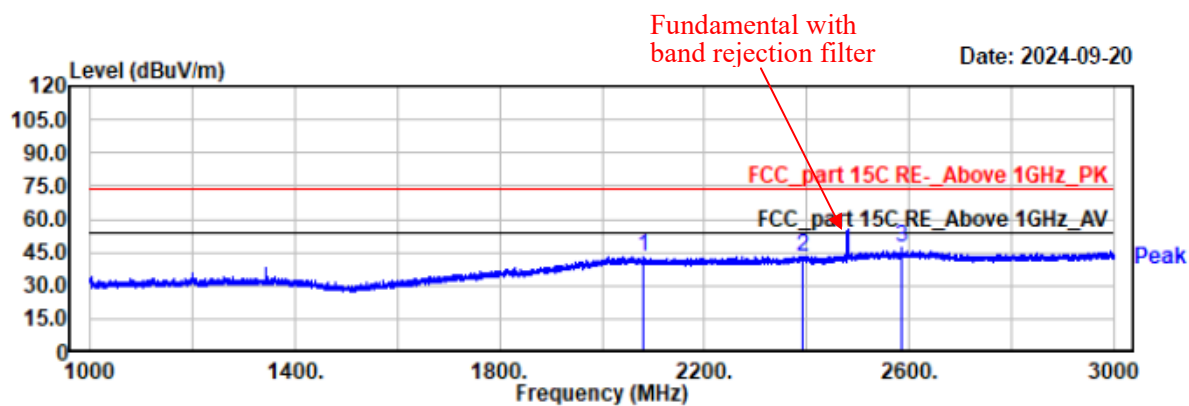
Temp/Humi/ATM: 23.3°C/55%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2014.80	49.75	-6.53	43.22	74.00	30.78	horizontal	Peak
2388.80	49.42	-5.34	44.08	74.00	29.92	horizontal	Peak
2622.40	49.03	-3.33	45.70	74.00	28.30	horizontal	Peak

Project No.: 2407V20721E-RF
Test Mode: 1DH1-2480
EUT Model: NLS-NQuire1500
Test distance: 3m

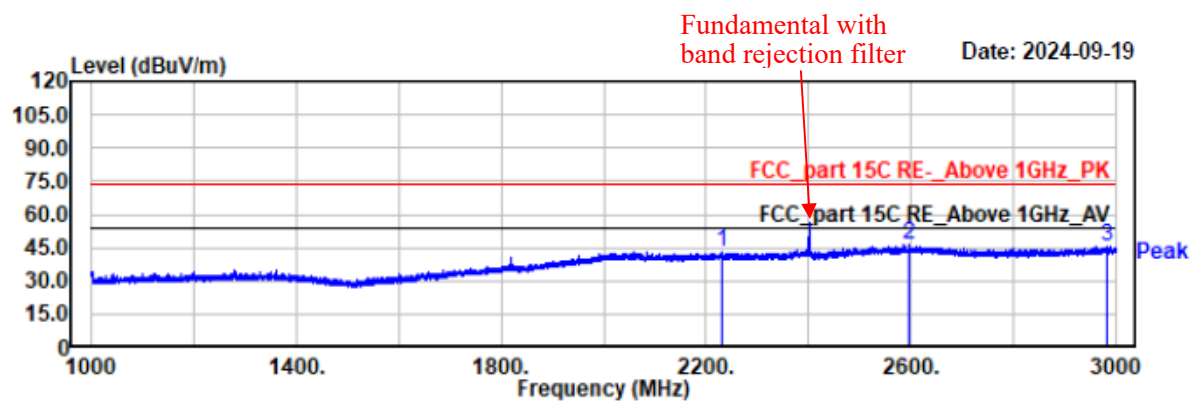
Temp/Humi/ATM: 23.3°C/55%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2081.60	49.40	-6.45	42.95	74.00	31.05	vertical	Peak
2391.00	48.70	-5.31	43.39	74.00	30.61	vertical	Peak
2587.00	50.17	-3.34	46.83	74.00	27.17	vertical	Peak

Project No.: 2407V20721E-RF
Test Mode: 2DH1-2402
EUT Model: NLS-NQuire1500
Test distance: 3m

Temp/Humi/ATM: 23.4°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBUV	Factor dB/m	Result dBUV/m	Limit dBUV/m	Margin dB	Polarity	Remark
2229.40	49.41	-6.24	43.17	74.00	30.83	horizontal	Peak
2597.00	49.32	-3.31	46.01	74.00	27.99	horizontal	Peak
2982.00	49.21	-4.09	45.12	74.00	28.88	horizontal	Peak

Project No.: 2407V20721E-RF

Test Mode: 2DH1-2402

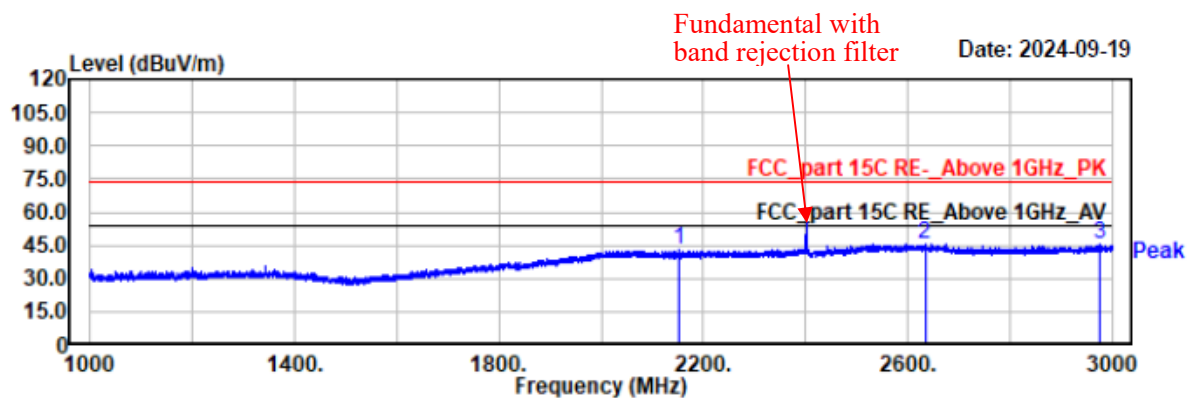
EUT Model: NLS-NQuire1500

Test distance: 3m

Temp/Humi/ATM: 23.4°C/50%/100.1kPa

Tested by: Wlif Wu

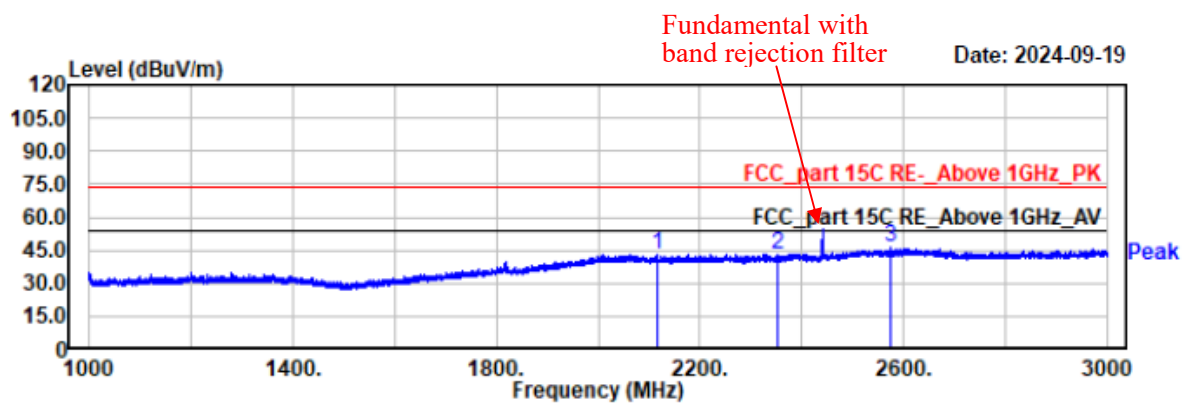
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2153.00	49.41	-6.71	42.70	74.00	31.30	vertical	Peak
2633.80	48.75	-3.35	45.40	74.00	28.60	vertical	Peak
2976.20	49.44	-4.11	45.33	74.00	28.67	vertical	Peak

Project No.: 2407V20721E-RF
Test Mode: 2DH1-2441
EUT Model: NLS-NQuire1500
Test distance: 3m

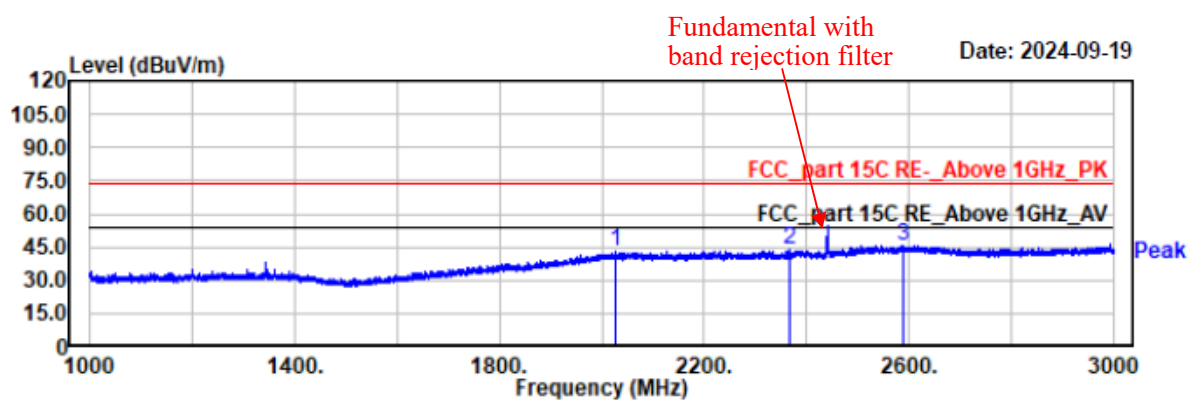
Temp/Humi/ATM: 23.4°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2117.00	49.86	-6.73	43.13	74.00	30.87	horizontal	Peak
2351.00	48.96	-5.85	43.11	74.00	30.89	horizontal	Peak
2574.00	49.32	-3.38	45.94	74.00	28.06	horizontal	Peak

Project No.: 2407V20721E-RF
Test Mode: 2DH1-2441
EUT Model: NLS-NQuire1500
Test distance: 3m

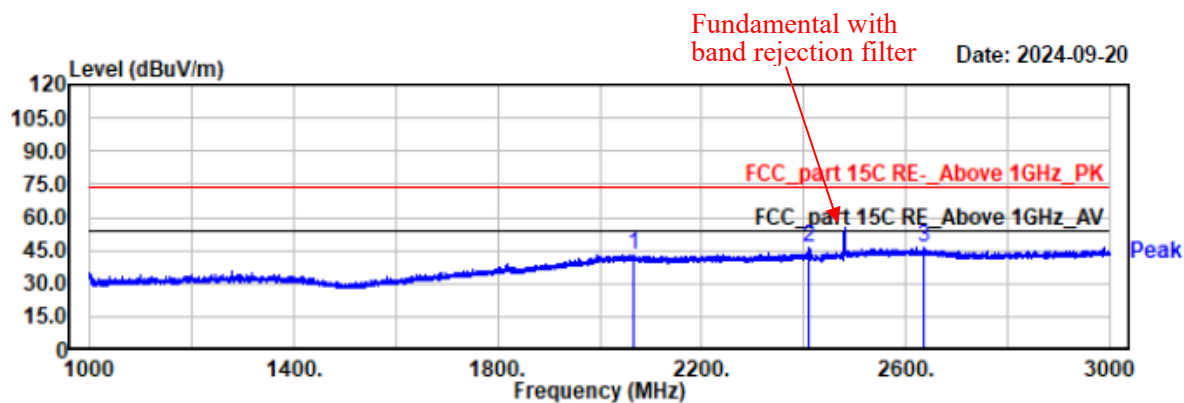
Temp/Humi/ATM: 23.4°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2028.60	49.13	-6.31	42.82	74.00	31.18	vertical	Peak
2367.80	49.32	-5.62	43.70	74.00	30.30	vertical	Peak
2588.40	49.25	-3.34	45.91	74.00	28.09	vertical	Peak

Project No.: 2407V20721E-RF
Test Mode: 2DH1-2480
EUT Model: NLS-NQuire1500
Test distance: 3m

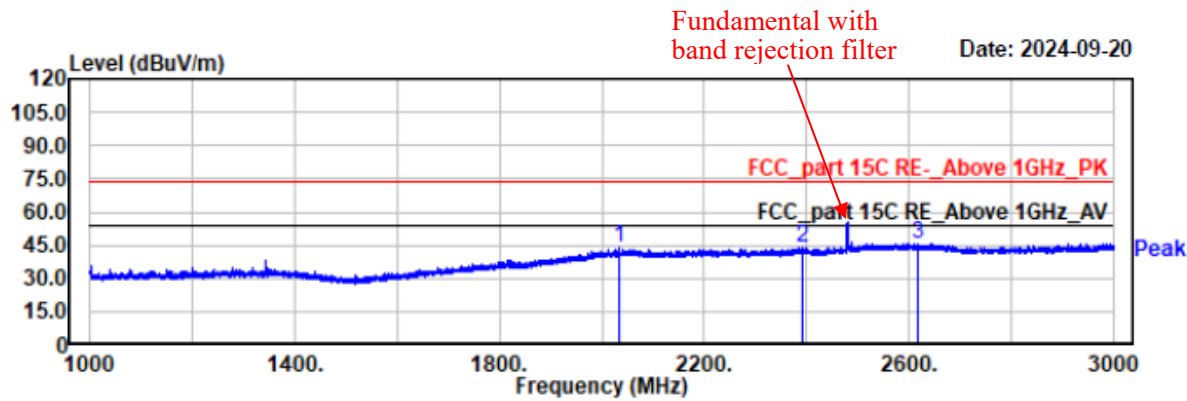
Temp/Humi/ATM: 23.3°C/55%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2066.40	49.11	-6.23	42.88	74.00	31.12	horizontal	Peak
2409.20	51.20	-5.18	46.02	74.00	27.98	horizontal	Peak
2636.00	49.41	-3.35	46.06	74.00	27.94	horizontal	Peak

Project No.: 2407V20721E-RF
Test Mode: 2DH1-2480
EUT Model: NLS-NQuire1500
Test distance: 3m

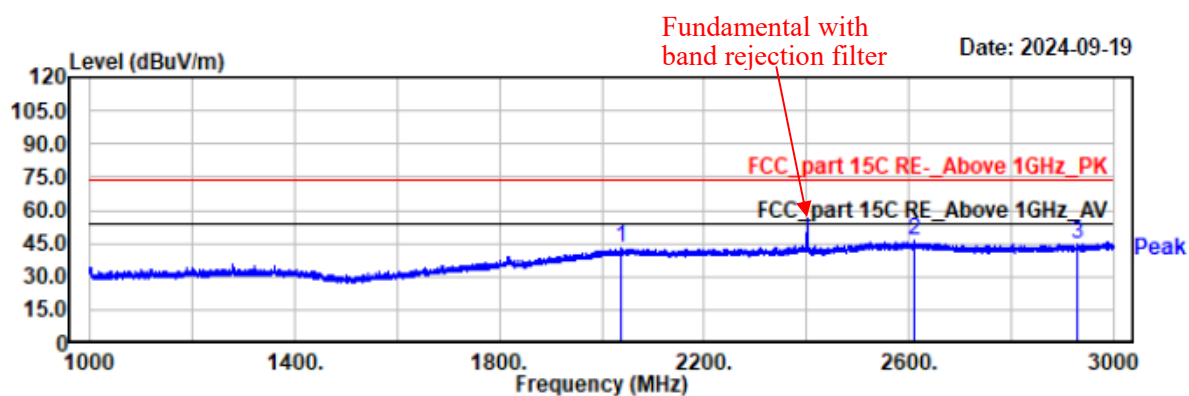
Temp/Humi/ATM: 23.3°C/55%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBUV	Factor dB/m	Result dBUV/m	Limit dBUV/m	Margin dB	Polarity	Remark
2033.80	49.90	-6.23	43.67	74.00	30.33	vertical	Peak
2392.00	48.89	-5.29	43.60	74.00	30.40	vertical	Peak
2617.20	49.14	-3.32	45.82	74.00	28.18	vertical	Peak

Project No.: 2407V20721E-RF
Test Mode: 3DH1-2402
EUT Model: NLS-NQuire1500
Test distance: 3m

Temp/Humi/ATM: 23.4°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2038.00	48.91	-6.17	42.74	74.00	31.26	horizontal	Peak
2610.80	49.95	-3.31	46.64	74.00	27.36	horizontal	Peak
2927.40	49.07	-4.29	44.78	74.00	29.22	horizontal	Peak

Project No.: 2407V20721E-RF

Test Mode: 3DH1-2402

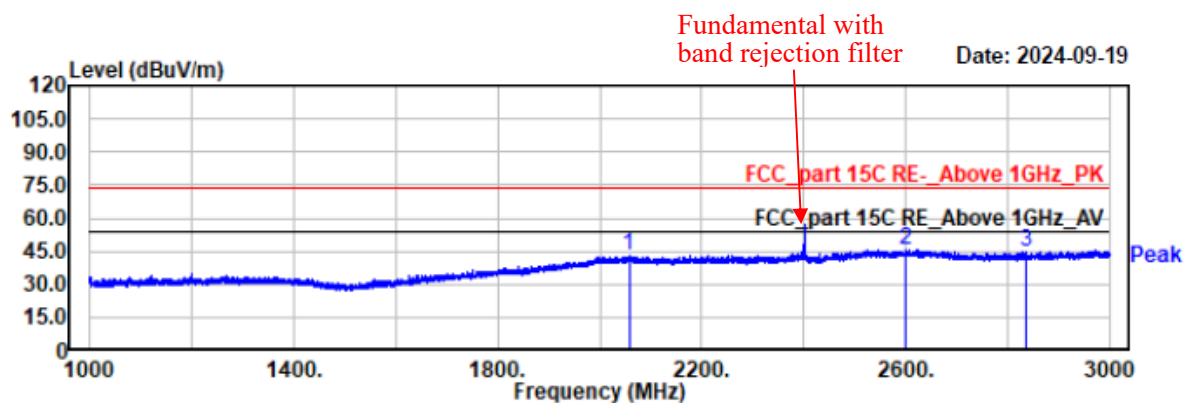
EUT Model: NLS-NQuire1500

Test distance: 3m

Temp/Humi/ATM: 23.4°C/50%/100.1kPa

Tested by: Wlif Wu

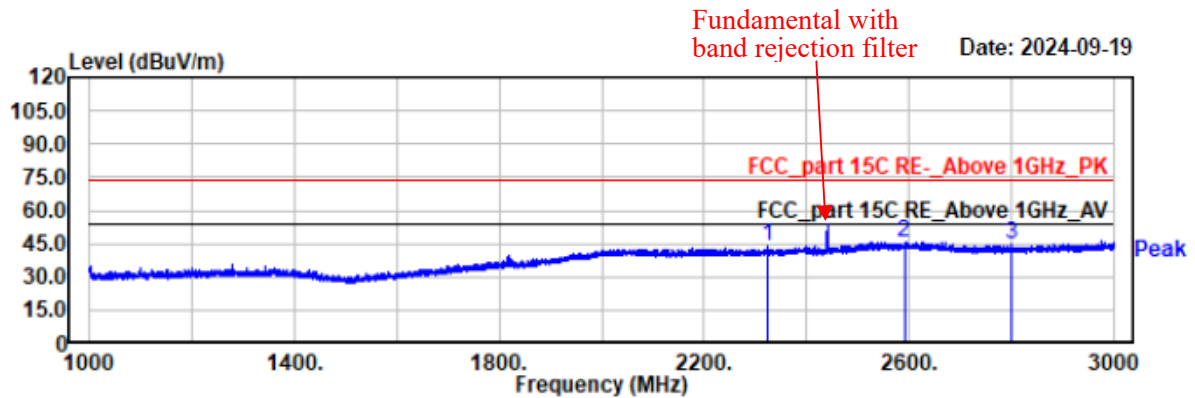
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2057.40	48.92	-6.10	42.82	74.00	31.18	vertical	Peak
2599.20	49.00	-3.30	45.70	74.00	28.30	vertical	Peak
2834.80	49.16	-4.59	44.57	74.00	29.43	vertical	Peak

Project No.: 2407V20721E-RF
Test Mode: 3DH1-2441
EUT Model: NLS-NQuire1500
Test distance: 3m

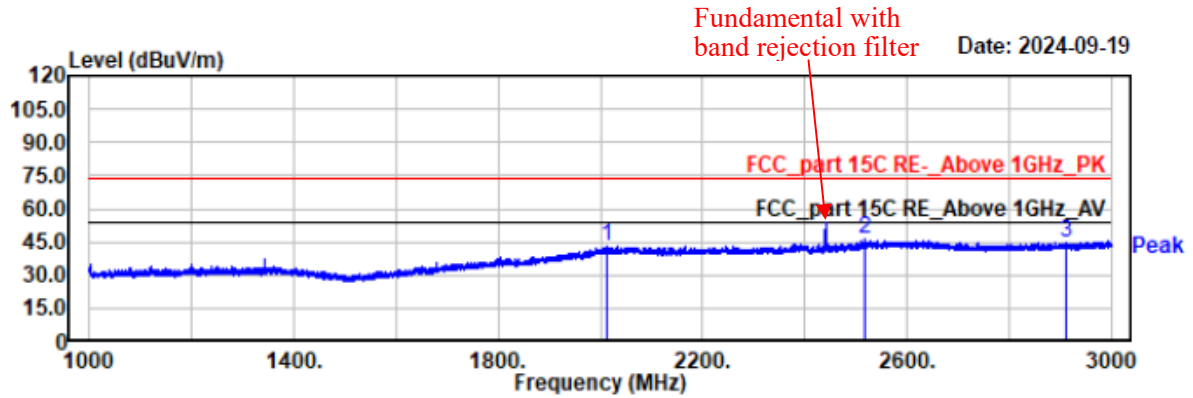
Temp/Humi/ATM: 23.4°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2324.60	49.63	-6.09	43.54	74.00	30.46	horizontal	Peak
2590.80	49.09	-3.33	45.76	74.00	28.24	horizontal	Peak
2800.60	49.53	-4.69	44.84	74.00	29.16	horizontal	Peak

Project No.: 2407V20721E-RF
 Test Mode: 3DH1-2441
 EUT Model: NLS-NQuire1500
 Test distance: 3m

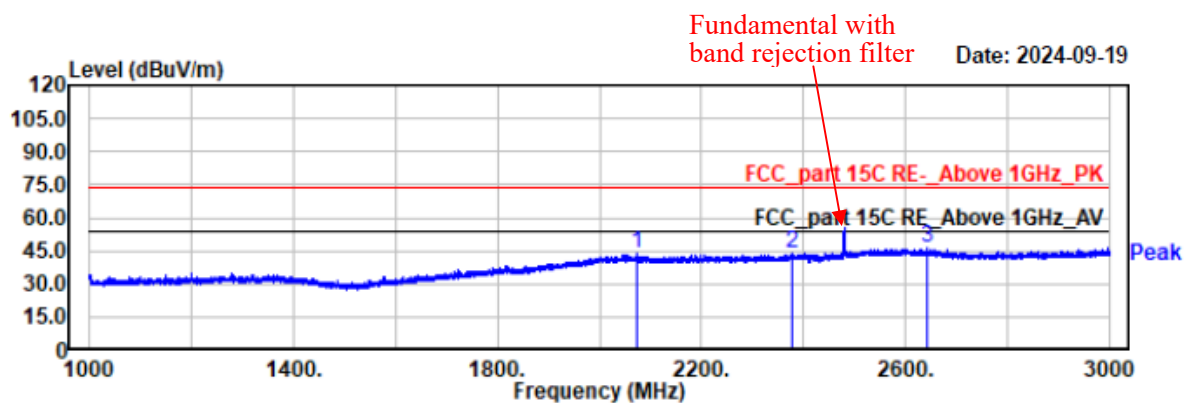
Temp/Humi/ATM: 23.4°C/50%/100.1kPa
 Tested by: Wlif Wu
 Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2013.20	49.30	-6.55	42.75	74.00	31.25	vertical	Peak
2516.20	49.96	-3.92	46.04	74.00	27.96	vertical	Peak
2909.60	48.92	-4.36	44.56	74.00	29.44	vertical	Peak

Project No.: 2407V20721E-RF
Test Mode: 3DH1-2480
EUT Model: NLS-NQuire1500
Test distance: 3m

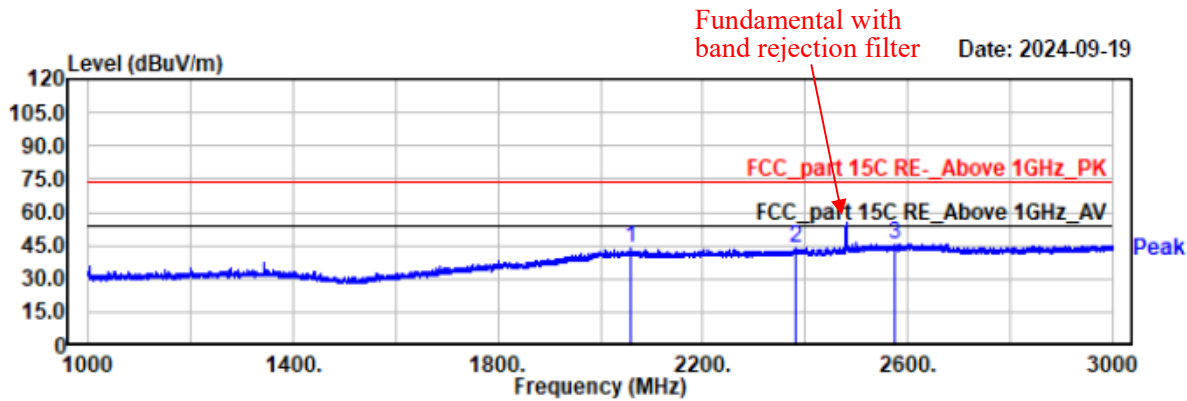
Temp/Humi/ATM: 23.4°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2074.00	50.33	-6.34	43.99	74.00	30.01	horizontal	Peak
2378.00	49.61	-5.49	44.12	74.00	29.88	horizontal	Peak
2644.40	49.37	-3.36	46.01	74.00	27.99	horizontal	Peak

Project No.: 2407V20721E-RF
Test Mode: 3DH1-2480
EUT Model: NLS-NQuire1500
Test distance: 3m

Temp/Humi/ATM: 23.4°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



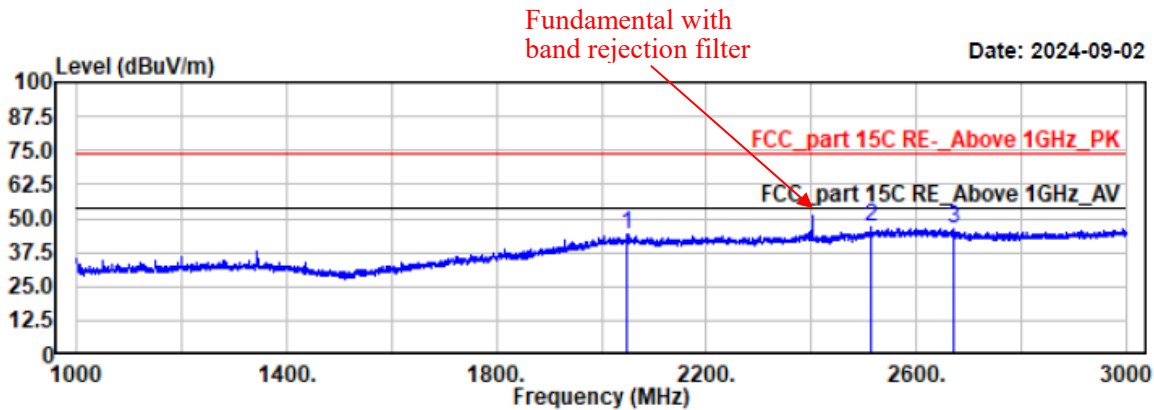
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2058.00	49.67	-6.11	43.56	74.00	30.44	vertical	Peak
2380.20	49.53	-5.46	44.07	74.00	29.93	vertical	Peak
2574.20	48.90	-3.38	45.52	74.00	28.48	vertical	Peak

1 GHz-3 GHz

EUT Model: NLS-NQuire500

Project No.: 2407V20721E-RF
Test Mode: 1DH1-2402
EUT Model: NLS-NQuire500
Test distance: 3m

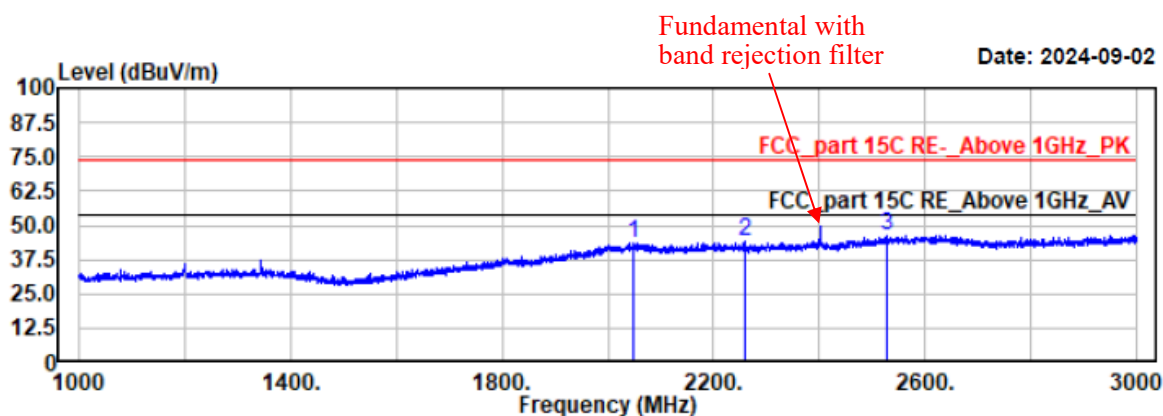
Temp/Humi/ATM: 23.2°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2049.00	49.19	-4.82	44.37	74.00	29.63	horizontal	Peak
2515.50	49.20	-2.61	46.59	74.00	27.41	horizontal	Peak
2670.00	48.96	-2.51	46.45	74.00	27.55	horizontal	Peak

Project No.: 2407V20721E-RF
Test Mode: 1DH1-2402
EUT Model: NLS-NQuire500
Test distance: 3m

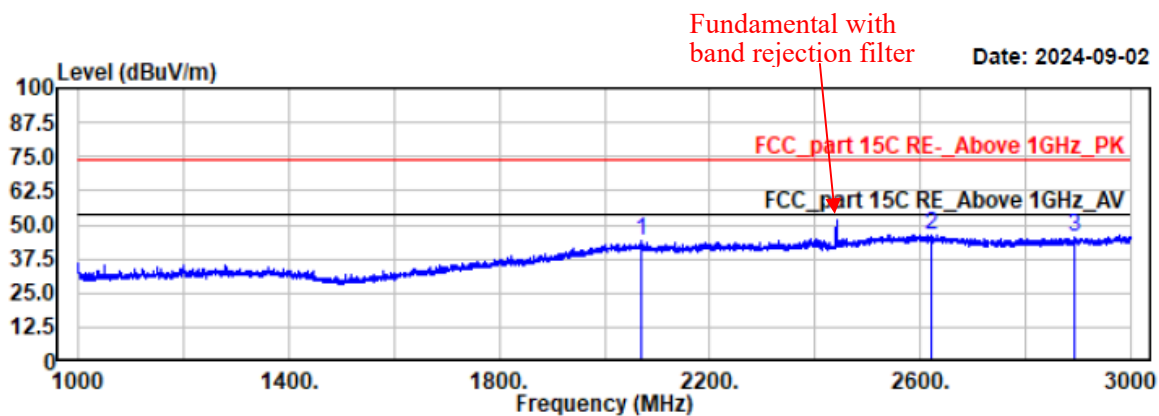
Temp/Humi/ATM: 23.2°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2048.50	48.52	-4.83	43.69	74.00	30.31	vertical	Peak
2258.00	48.98	-5.01	43.97	74.00	30.03	vertical	Peak
2527.00	48.67	-2.45	46.22	74.00	27.78	vertical	Peak

Project No.: 2407V20721E-RF
Test Mode: 1DH1-2441
EUT Model: NLS-NQuire500
Test distance: 3m

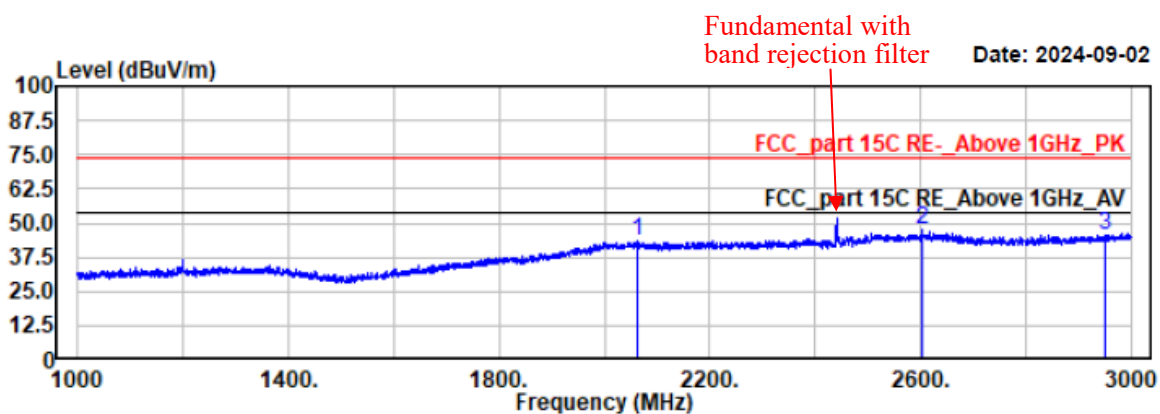
Temp/Humi/ATM: 23.2°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2068.50	49.05	-5.08	43.97	74.00	30.03	horizontal	Peak
2621.00	48.13	-1.98	46.15	74.00	27.85	horizontal	Peak
2894.00	48.49	-2.98	45.51	74.00	28.49	horizontal	Peak

Project No.: 2407V20721E-RF
Test Mode: 1DH1-2441
EUT Model: NLS-NQuire500
Test distance: 3m

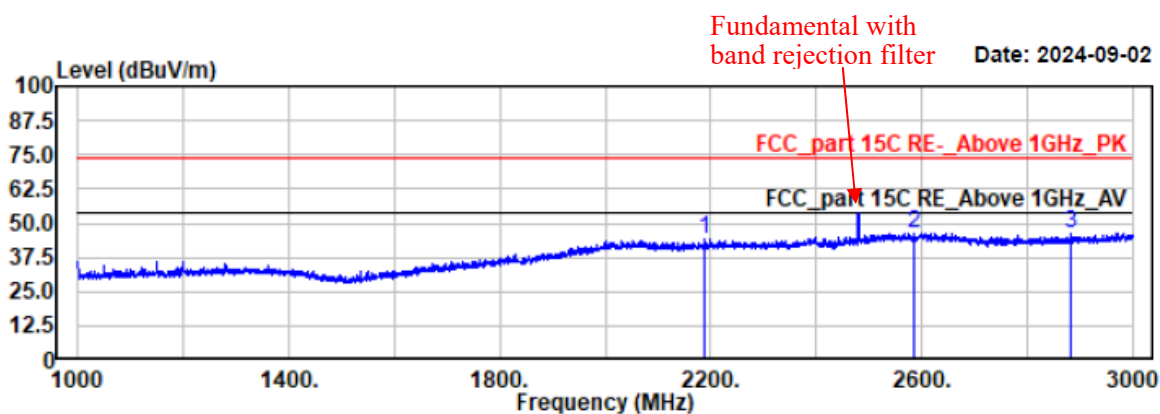
Temp/Humi/ATM: 23.2°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2063.50	48.42	-5.00	43.42	74.00	30.58	vertical	Peak
2604.50	49.26	-1.96	47.30	74.00	26.70	vertical	Peak
2950.50	48.41	-2.76	45.65	74.00	28.35	vertical	Peak

Project No.: 2407V20721E-RF
Test Mode: 1DH1-2480
EUT Model: NLS-NQuire500
Test distance: 3m

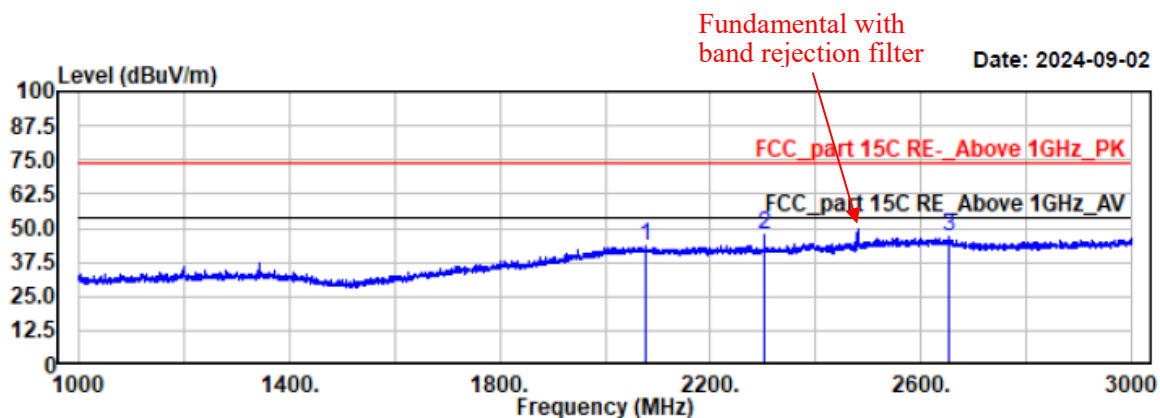
Temp/Humi/ATM: 23.2°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2188.00	49.44	-5.15	44.29	74.00	29.71	horizontal	Peak
2586.00	48.52	-2.01	46.51	74.00	27.49	horizontal	Peak
2881.50	49.36	-3.02	46.34	74.00	27.66	horizontal	Peak

Project No.: 2407V20721E-RF
Test Mode: 1DH1-2480
EUT Model: NLS-NQuire500
Test distance: 3m

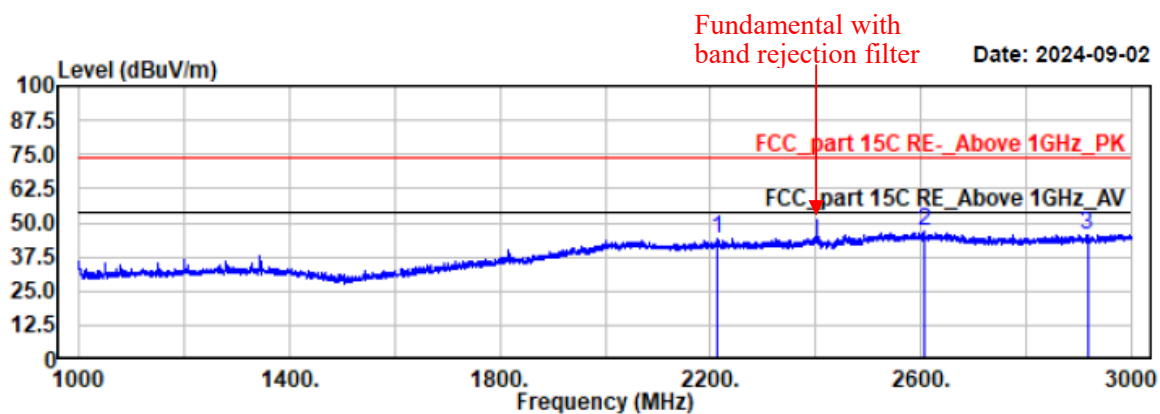
Temp/Humi/ATM: 23.2°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2076.00	48.37	-5.20	43.17	74.00	30.83	vertical	Peak
2302.50	52.64	-5.05	47.59	74.00	26.41	vertical	Peak
2655.00	48.95	-2.14	46.81	74.00	27.19	vertical	Peak

Project No.: 2407V20721E-RF
Test Mode: 2DH1-2402
EUT Model: NLS-NQuire500
Test distance: 3m

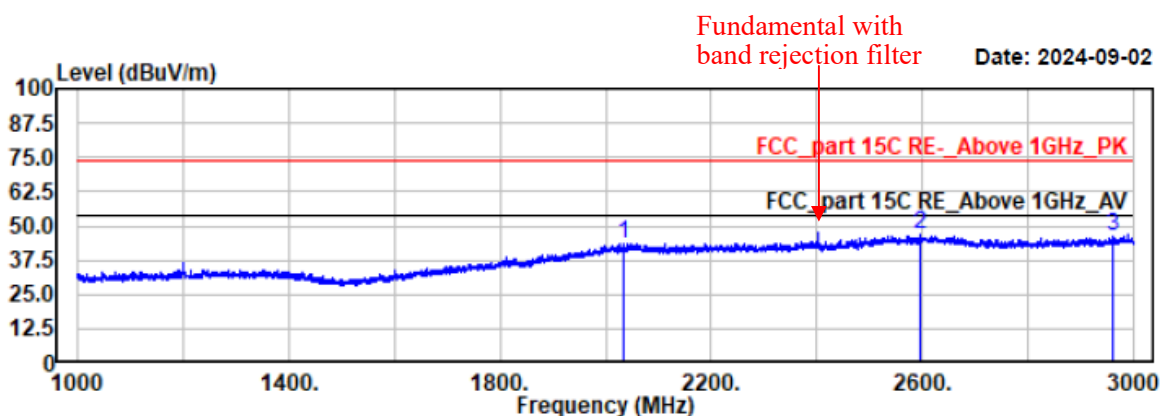
Temp/Humi/ATM: 23.2°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2212.50	48.86	-5.02	43.84	74.00	30.16	horizontal	Peak
2606.50	48.59	-1.95	46.64	74.00	27.36	horizontal	Peak
2916.50	48.60	-2.88	45.72	74.00	28.28	horizontal	Peak

Project No.: 2407V20721E-RF
Test Mode: 2DH1-2402
EUT Model: NLS-NQuire500
Test distance: 3m

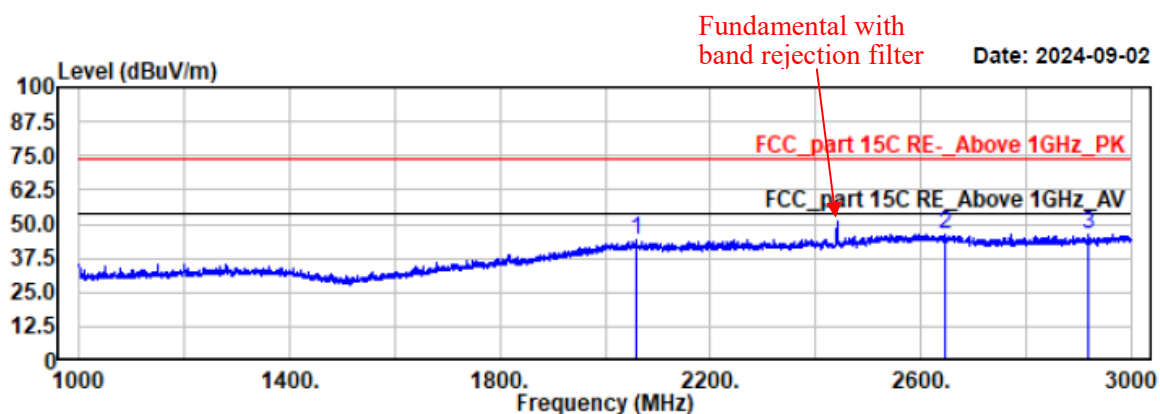
Temp/Humi/ATM: 23.2°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2033.50	48.33	-5.06	43.27	74.00	30.73	vertical	Peak
2596.00	48.87	-1.97	46.90	74.00	27.10	vertical	Peak
2961.00	48.76	-2.72	46.04	74.00	27.96	vertical	Peak

Project No.: 2407V20721E-RF
Test Mode: 2DH1-2441
EUT Model: NLS-NQuire500
Test distance: 3m

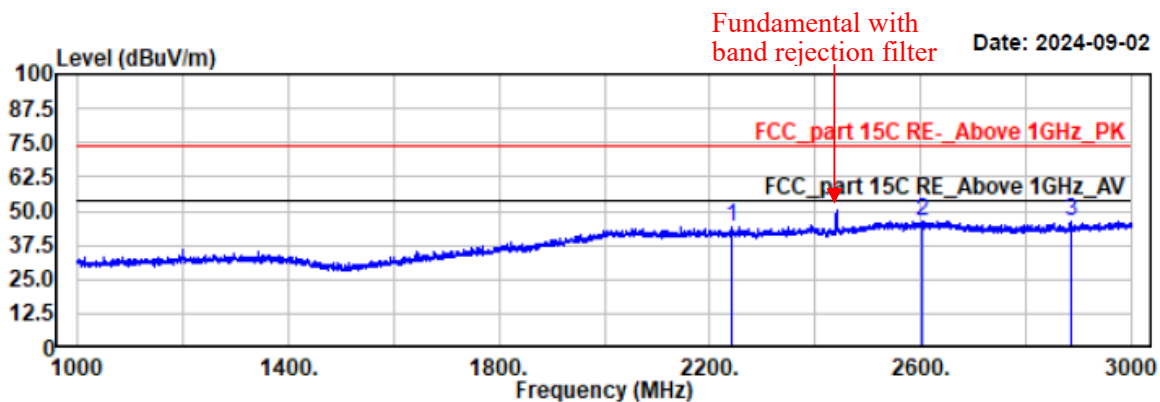
Temp/Humi/ATM: 23.2°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2057.50	49.29	-4.92	44.37	74.00	29.63	horizontal	Peak
2645.50	48.44	-2.00	46.44	74.00	27.56	horizontal	Peak
2918.50	48.96	-2.88	46.08	74.00	27.92	horizontal	Peak

Project No.: 2407V20721E-RF
Test Mode: 2DH1-2441
EUT Model: NLS-NQuire500
Test distance: 3m

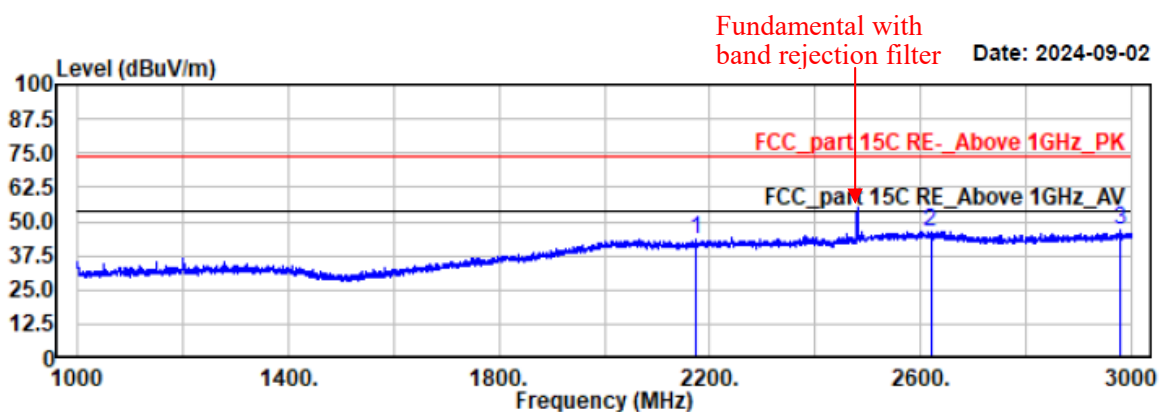
Temp/Humi/ATM: 23.2°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2240.50	49.04	-5.01	44.03	74.00	29.97	vertical	Peak
2604.00	48.04	-1.96	46.08	74.00	27.92	vertical	Peak
2885.50	49.04	-3.01	46.03	74.00	27.97	vertical	Peak

Project No.: 2407V20721E-RF
Test Mode: 2DH1-2480
EUT Model: NLS-NQuire500
Test distance: 3m

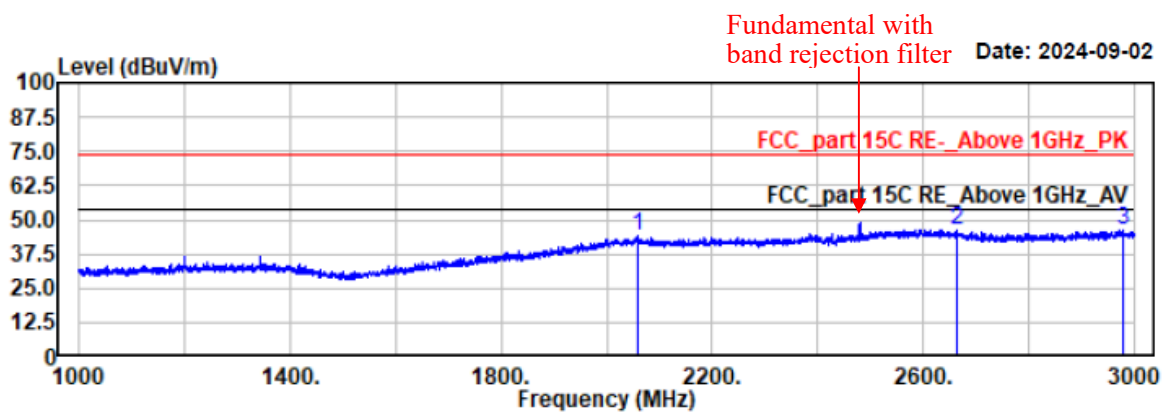
Temp/Humi/ATM: 23.2°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2172.50	48.92	-5.31	43.61	74.00	30.39	horizontal	Peak
2619.50	48.39	-1.98	46.41	74.00	27.59	horizontal	Peak
2980.00	49.47	-2.64	46.83	74.00	27.17	horizontal	Peak

Project No.: 2407V20721E-RF
Test Mode: 2DH1-2480
EUT Model: NLS-NQuire500
Test distance: 3m

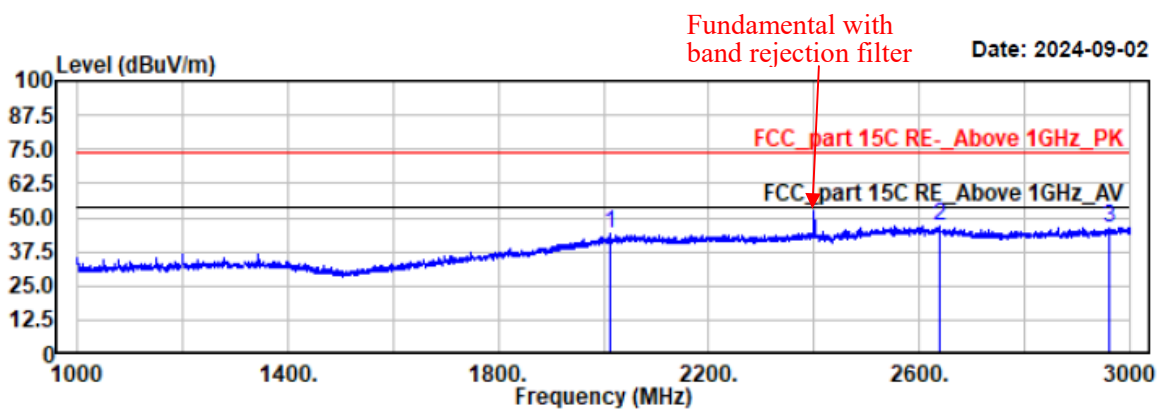
Temp/Humi/ATM: 23.2°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2058.50	48.80	-4.94	43.86	74.00	30.14	vertical	Peak
2664.50	48.75	-2.37	46.38	74.00	27.62	vertical	Peak
2980.00	48.95	-2.64	46.31	74.00	27.69	vertical	Peak

Project No.: 2407V20721E-RF
Test Mode: 3DH1-2402
EUT Model: NLS-NQuire500
Test distance: 3m

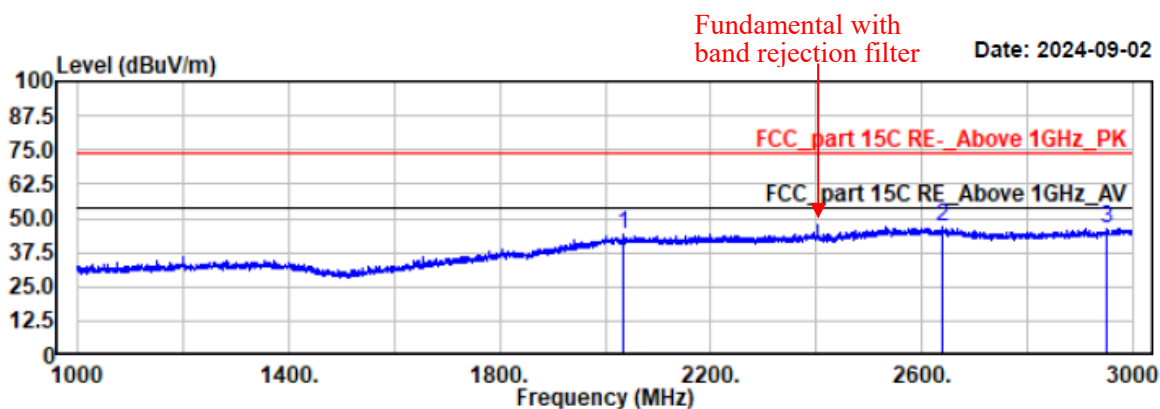
Temp/Humi/ATM: 23.2°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2013.00	49.47	-5.39	44.08	74.00	29.92	horizontal	Peak
2638.00	48.84	-2.00	46.84	74.00	27.16	horizontal	Peak
2961.00	49.10	-2.72	46.38	74.00	27.62	horizontal	Peak

Project No.: 2407V20721E-RF
Test Mode: 3DH1-2402
EUT Model: NLS-NQuire500
Test distance: 3m

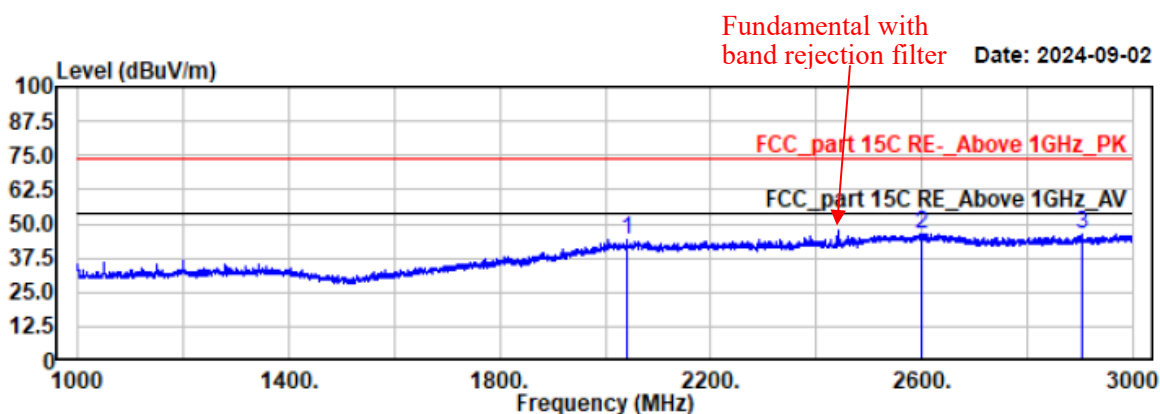
Temp/Humi/ATM: 23.2°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2034.50	49.07	-5.06	44.01	74.00	29.99	vertical	Peak
2639.50	48.79	-2.00	46.79	74.00	27.21	vertical	Peak
2952.00	48.96	-2.74	46.22	74.00	27.78	vertical	Peak

Project No.: 2407V20721E-RF
Test Mode: 3DH1-2441
EUT Model: NLS-NQuire500
Test distance: 3m

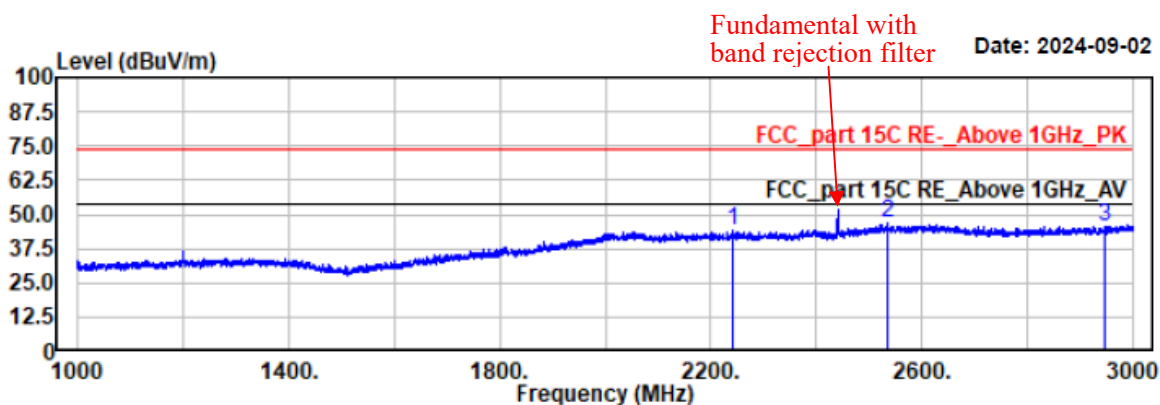
Temp/Humi/ATM: 23.2°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2042.00	48.98	-4.93	44.05	74.00	29.95	horizontal	Peak
2599.50	48.31	-1.95	46.36	74.00	27.64	horizontal	Peak
2905.00	49.26	-2.94	46.32	74.00	27.68	horizontal	Peak

Project No.: 2407V20721E-RF
Test Mode: 3DH1-2441
EUT Model: NLS-NQuire500
Test distance: 3m

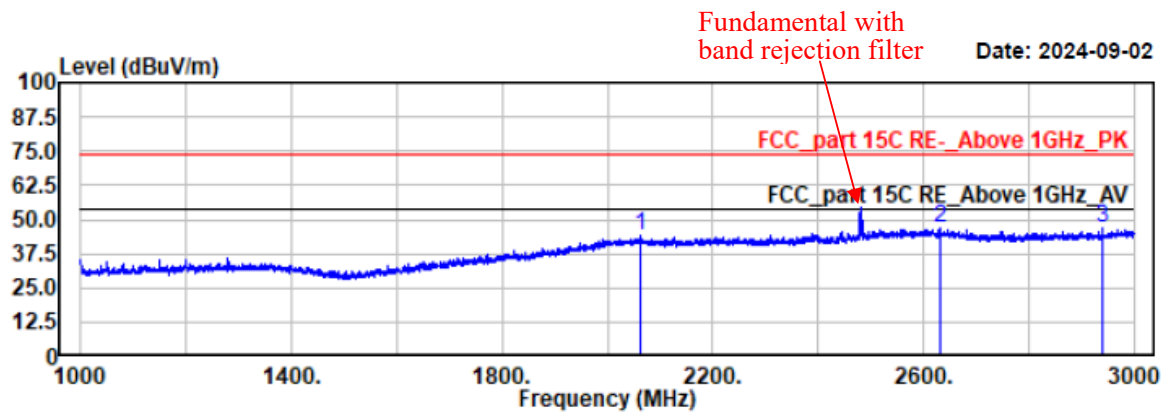
Temp/Humi/ATM: 23.2°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2241.00	48.88	-5.01	43.87	74.00	30.13	vertical	Peak
2534.50	48.92	-2.35	46.57	74.00	27.43	vertical	Peak
2946.00	48.49	-2.79	45.70	74.00	28.30	vertical	Peak

Project No.: 2407V20721E-RF
Test Mode: 3DH1-2480
EUT Model: NLS-NQuire500
Test distance: 3m

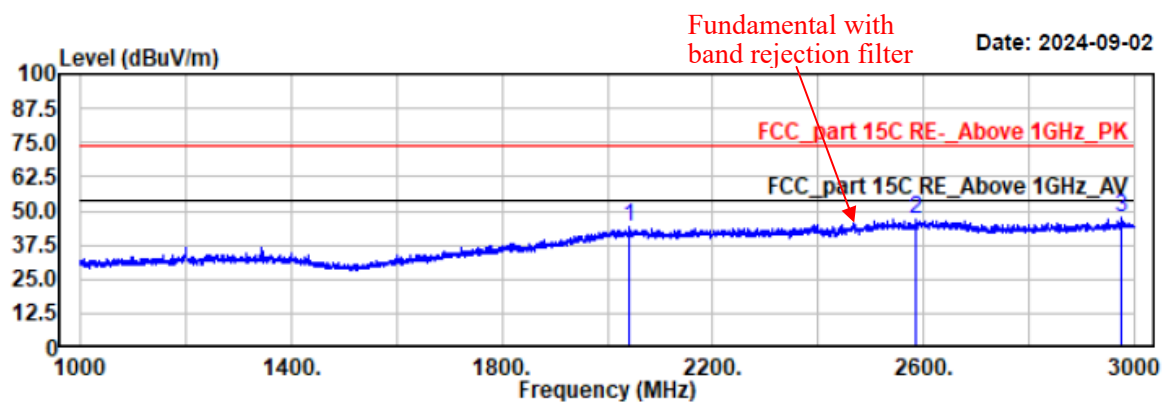
Temp/Humi/ATM: 23.2°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2064.00	49.09	-5.01	44.08	74.00	29.92	horizontal	Peak
2630.50	48.71	-1.98	46.73	74.00	27.27	horizontal	Peak
2938.50	49.40	-2.81	46.59	74.00	27.41	horizontal	Peak

Project No.: 2407V20721E-RF
Test Mode: 3DH1-2480
EUT Model: NLS-NQuire500
Test distance: 3m

Temp/Humi/ATM: 23.2°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



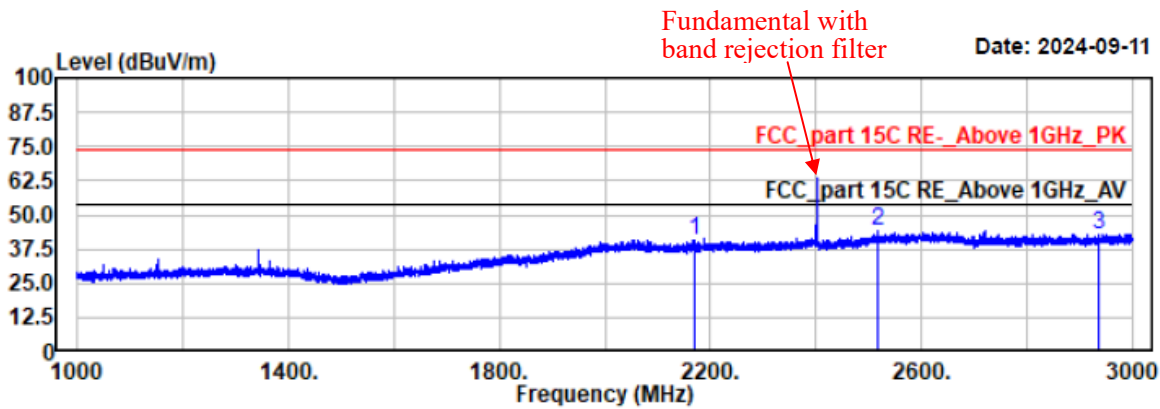
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2041.50	48.77	-4.94	43.83	74.00	30.17	vertical	Peak
2586.00	49.02	-2.01	47.01	74.00	26.99	vertical	Peak
2977.00	50.22	-2.65	47.57	74.00	26.43	vertical	Peak

1 GHz-3 GHz

EUT Model: NLS-NQuire700

Project No.: 2407V20721E-RF
Test Mode: 1DH1-2402
EUT Model: NLS-NQuire700
Test distance: 3m

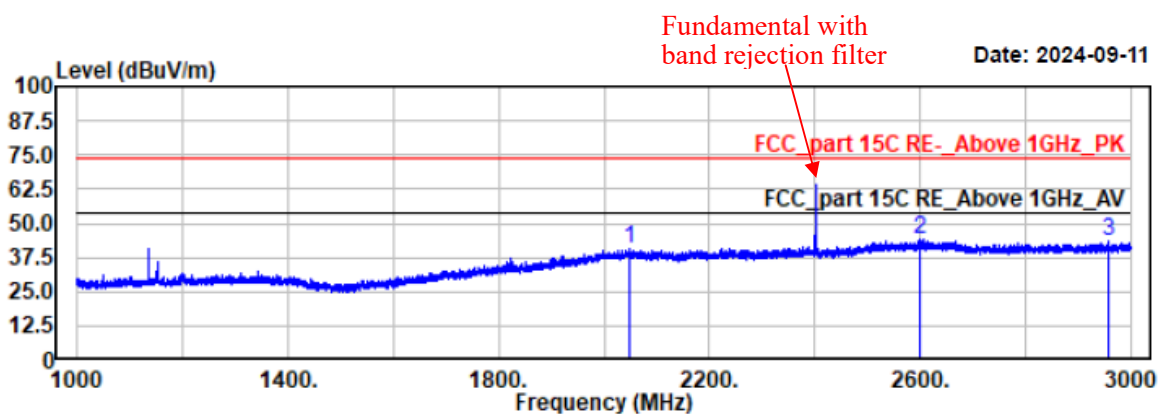
Temp/Humi/ATM: 23.7°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2169.40	47.58	-6.55	41.03	74.00	32.97	horizontal	Peak
2518.00	47.91	-3.90	44.01	74.00	29.99	horizontal	Peak
2935.80	47.34	-4.26	43.08	74.00	30.92	horizontal	Peak

Project No.: 2407V20721E-RF
Test Mode: 1DH1-2402
EUT Model: NLS-NQuire700
Test distance: 3m

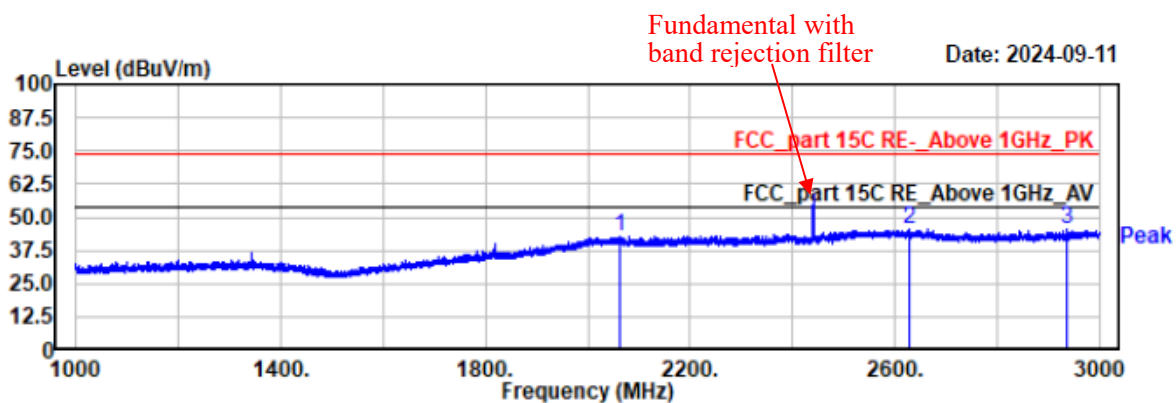
Temp/Humi/ATM: 23.7°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2050.00	46.75	-5.98	40.77	74.00	33.23	vertical	Peak
2598.40	47.53	-3.31	44.22	74.00	29.78	vertical	Peak
2958.40	47.37	-4.18	43.19	74.00	30.81	vertical	Peak

Project No.: 2407V20721E-RF
Test Mode: 1DH1-2441
EUT Model: NLS-NQuire700
Test distance: 3m

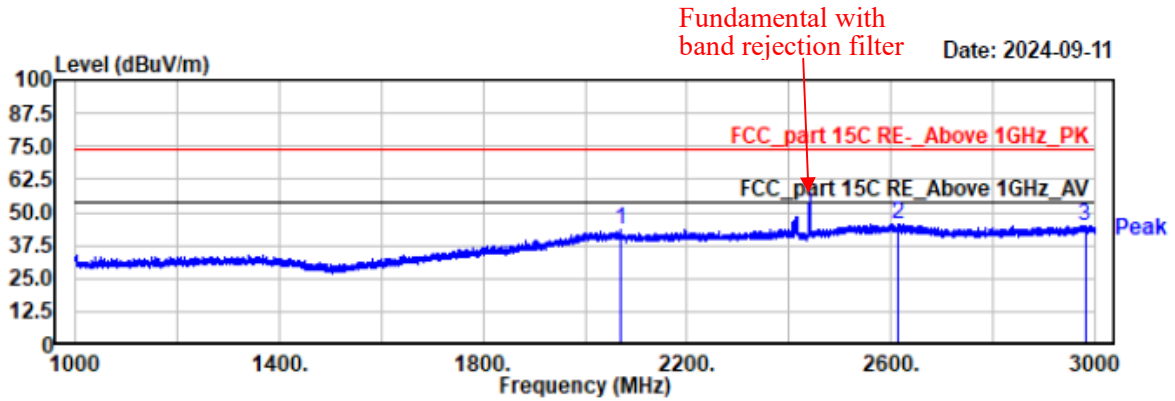
Temp/Humi/ATM: 23.7°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2063.00	48.98	-6.18	42.80	74.00	31.20	horizontal	Peak
2628.20	48.83	-3.34	45.49	74.00	28.51	horizontal	Peak
2936.40	49.52	-4.25	45.27	74.00	28.73	horizontal	Peak

Project No.: 2407V20721E-RF
Test Mode: 1DH1-2441
EUT Model: NLS-NQuire700
Test distance: 3m

Temp/Humi/ATM: 23.7°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2068.80	49.89	-6.26	43.63	74.00	30.37	vertical	Peak
2615.60	49.04	-3.32	45.72	74.00	28.28	vertical	Peak
2981.00	49.03	-4.09	44.94	74.00	29.06	vertical	Peak

Project No.: 2407V20721E-RF

Test Mode: 1DH1-2480

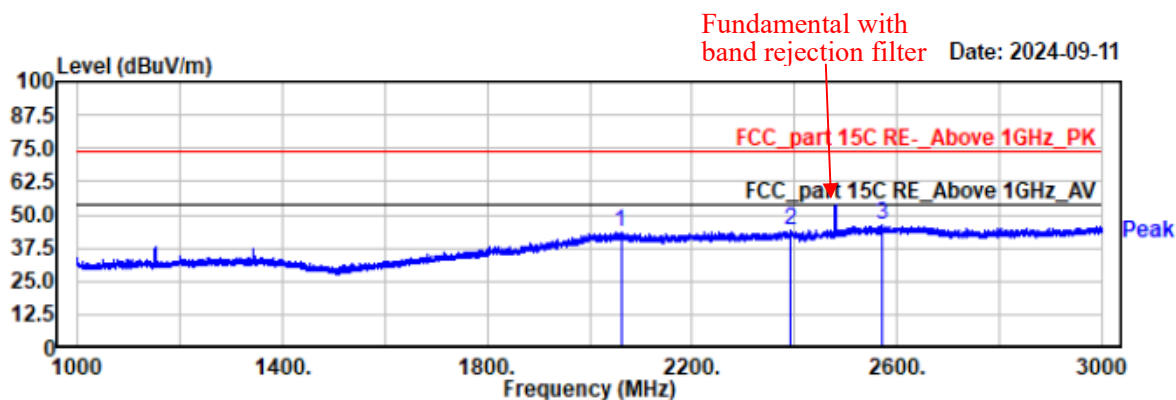
EUT Model: NLS-NQuire700

Test distance: 3m

Temp/Humi/ATM: 23.7°C/50%/100.1kPa

Tested by: Wlif Wu

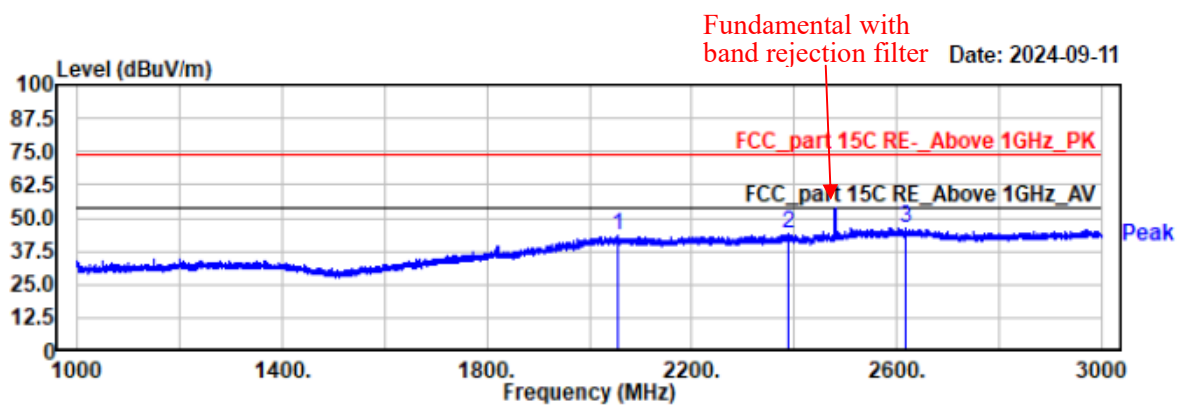
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2061.00	49.80	-6.15	43.65	74.00	30.35	horizontal	Peak
2391.60	49.56	-5.30	44.26	74.00	29.74	horizontal	Peak
2571.60	49.36	-3.39	45.97	74.00	28.03	horizontal	Peak

Project No.: 2407V20721E-RF
Test Mode: 1DH1-2480
EUT Model: NLS-NQuire700
Test distance: 3m

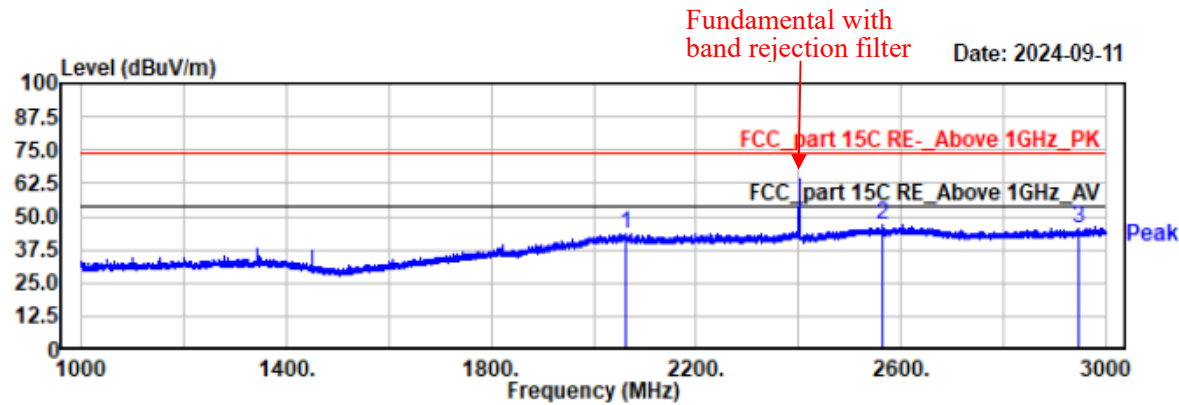
Temp/Humi/ATM: 23.7°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2056.00	49.22	-6.08	43.14	74.00	30.86	vertical	Peak
2387.20	49.22	-5.36	43.86	74.00	30.14	vertical	Peak
2616.60	49.61	-3.32	46.29	74.00	27.71	vertical	Peak

Project No.: 2407V20721E-RF
Test Mode: 2DH1-2402
EUT Model: NLS-NQuire700
Test distance: 3m

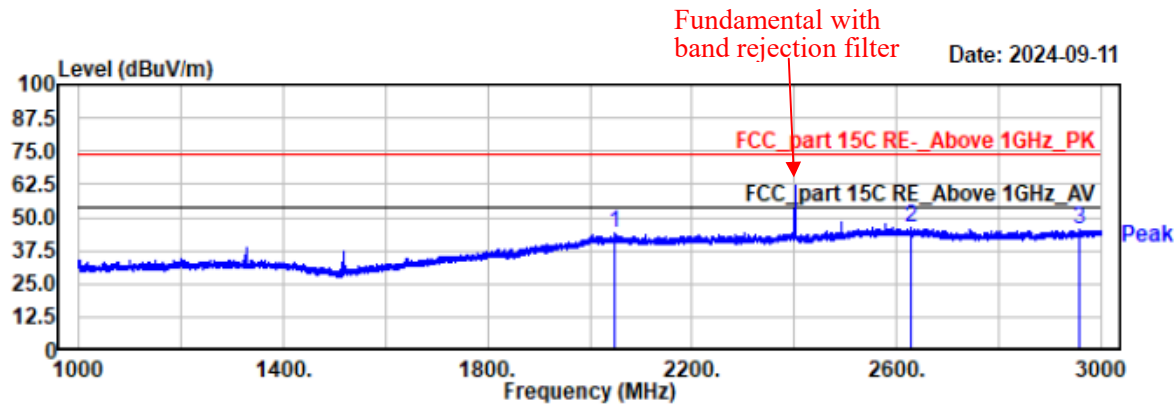
Temp/Humi/ATM: 23.7°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2061.40	49.53	-6.15	43.38	74.00	30.62	horizontal	Peak
2564.60	50.12	-3.42	46.70	74.00	27.30	horizontal	Peak
2947.60	49.57	-4.22	45.35	74.00	28.65	horizontal	Peak

Project No.: 2407V20721E-RF
Test Mode: 2DH1-2402
EUT Model: NLS-NQuire700
Test distance: 3m

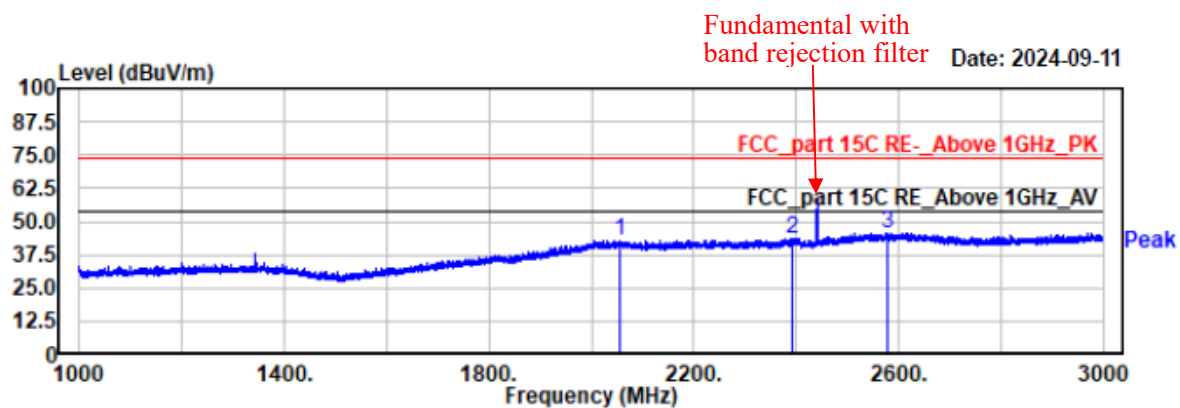
Temp/Humi/ATM: 23.7°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2050.00	49.97	-5.98	43.99	74.00	30.01	vertical	Peak
2626.80	49.29	-3.33	45.96	74.00	28.04	vertical	Peak
2959.00	49.68	-4.17	45.51	74.00	28.49	vertical	Peak

Project No.: 2407V20721E-RF
Test Mode: 2DH1-2441
EUT Model: NLS-NQuire700
Test distance: 3m

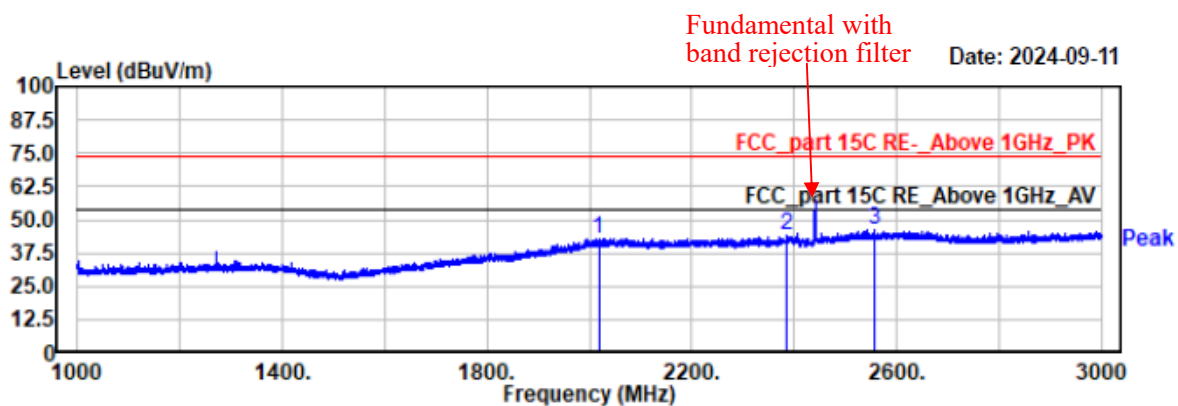
Temp/Humi/ATM: 23.7°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2054.00	48.95	-6.05	42.90	74.00	31.10	horizontal	Peak
2392.60	48.97	-5.28	43.69	74.00	30.31	horizontal	Peak
2576.80	49.05	-3.37	45.68	74.00	28.32	horizontal	Peak

Project No.: 2407V20721E-RF
Test Mode: 2DH1-2441
EUT Model: NLS-NQuire700
Test distance: 3m

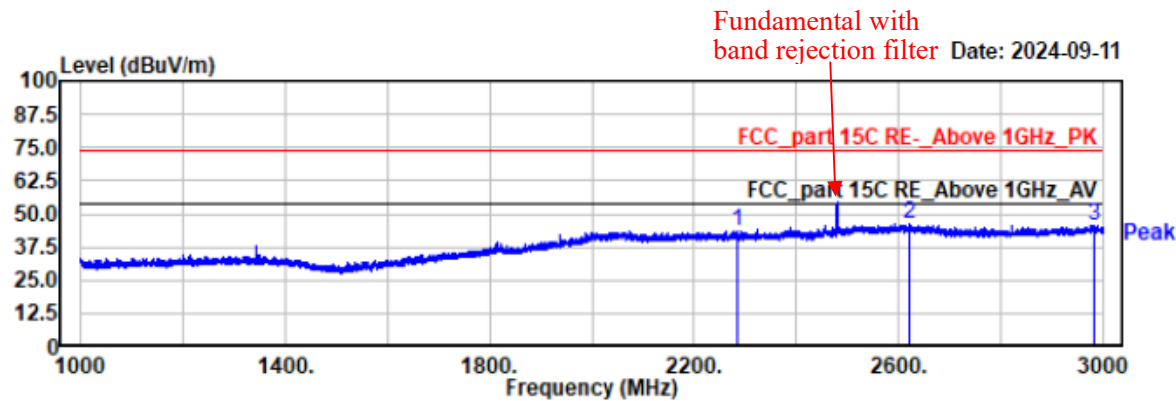
Temp/Humi/ATM: 23.7°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2018.00	49.53	-6.48	43.05	74.00	30.95	vertical	Peak
2385.60	49.37	-5.38	43.99	74.00	30.01	vertical	Peak
2557.40	49.41	-3.44	45.97	74.00	28.03	vertical	Peak

Project No.: 2407V20721E-RF
Test Mode: 2DH1-2480
EUT Model: NLS-NQuire700
Test distance: 3m

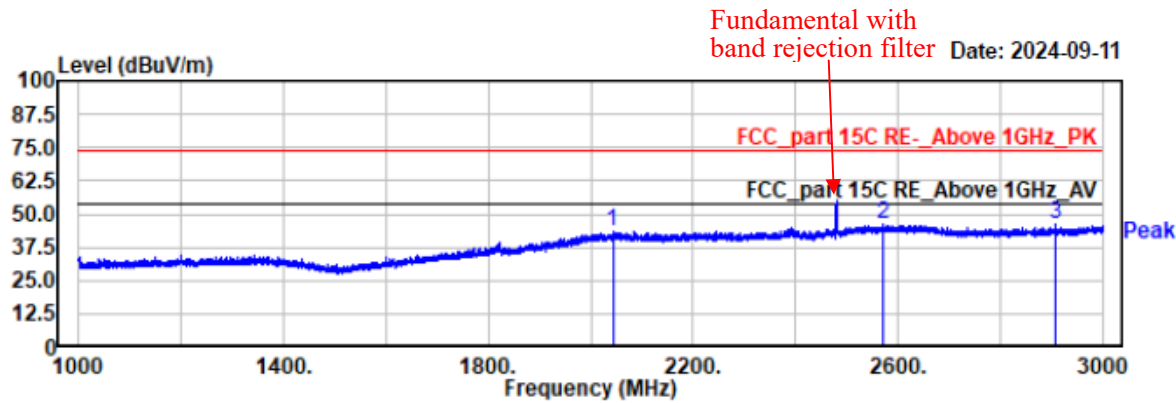
Temp/Humi/ATM: 23.7°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2283.00	50.09	-6.30	43.79	74.00	30.21	horizontal	Peak
2621.00	49.59	-3.33	46.26	74.00	27.74	horizontal	Peak
2982.60	49.61	-4.09	45.52	74.00	28.48	horizontal	Peak

Project No.: 2407V20721E-RF
Test Mode: 2DH1-2480
EUT Model: NLS-NQuire700
Test distance: 3m

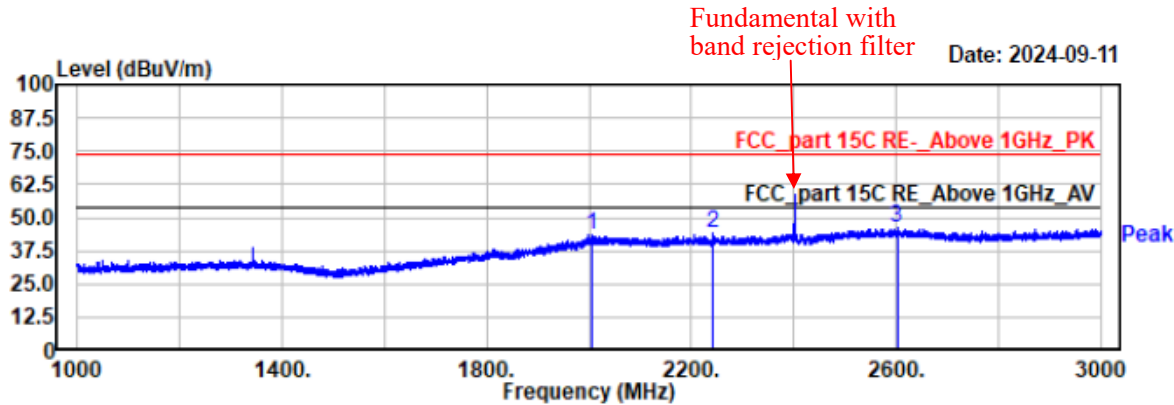
Temp/Humi/ATM: 23.7°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2043.00	49.53	-6.09	43.44	74.00	30.56	vertical	Peak
2572.60	49.77	-3.39	46.38	74.00	27.62	vertical	Peak
2908.20	50.25	-4.37	45.88	74.00	28.12	vertical	Peak

Project No.: 2407V20721E-RF
Test Mode: 3DH1-2402
EUT Model: NLS-NQuire700
Test distance: 3m

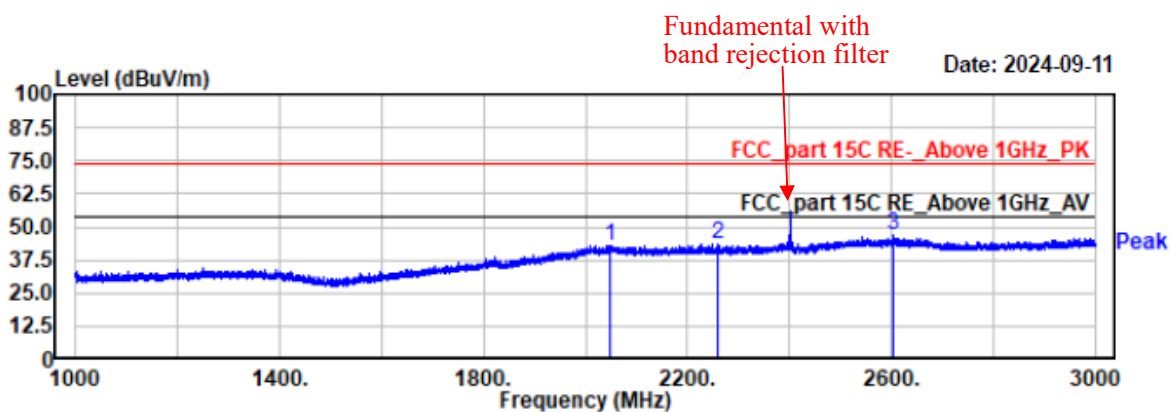
Temp/Humi/ATM: 23.7°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2005.60	50.45	-6.67	43.78	74.00	30.22	horizontal	Peak
2243.00	50.10	-6.24	43.86	74.00	30.14	horizontal	Peak
2601.60	49.36	-3.30	46.06	74.00	27.94	horizontal	Peak

Project No.: 2407V20721E-RF
Test Mode: 3DH1-2402
EUT Model: NLS-NQuire700
Test distance: 3m

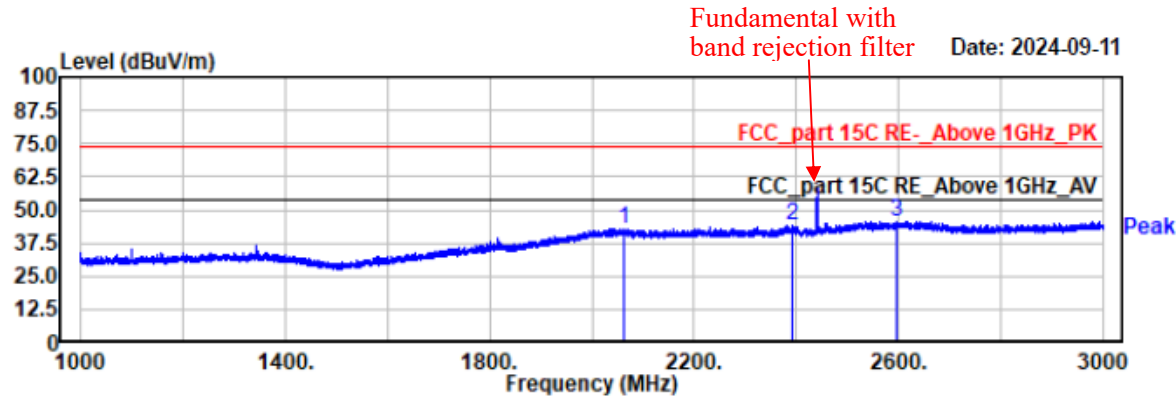
Temp/Humi/ATM: 23.7°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2049.40	48.87	-6.00	42.87	74.00	31.13	vertical	Peak
2260.60	49.60	-6.26	43.34	74.00	30.66	vertical	Peak
2604.80	49.91	-3.31	46.60	74.00	27.40	vertical	Peak

Project No.: 2407V20721E-RF
Test Mode: 3DH1-2441
EUT Model: NLS-NQuire700
Test distance: 3m

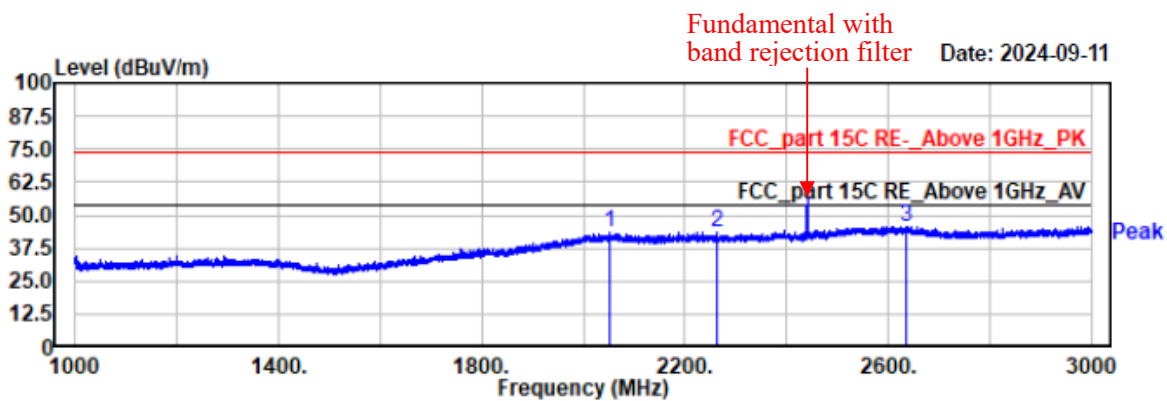
Temp/Humi/ATM: 23.7°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2062.00	49.16	-6.16	43.00	74.00	31.00	horizontal	Peak
2391.40	49.73	-5.30	44.43	74.00	29.57	horizontal	Peak
2595.20	49.14	-3.31	45.83	74.00	28.17	horizontal	Peak

Project No.: 2407V20721E-RF
Test Mode: 3DH1-2441
EUT Model: NLS-NQuire700
Test distance: 3m

Temp/Humi/ATM: 23.7°C/50%/100.1kPa
Tested by: Wlif Wu
Power Source: AC120V/60Hz



Freq MHz	Reading dBUV	Factor dB/m	Result dBUV/m	Limit dBUV/m	Margin dB	Polarity	Remark
2050.40	49.34	-5.99	43.35	74.00	30.65	vertical	Peak
2262.00	49.67	-6.26	43.41	74.00	30.59	vertical	Peak
2637.00	49.20	-3.35	45.85	74.00	28.15	vertical	Peak