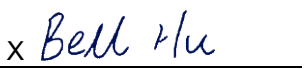


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Kunden-Referenz-Nr.: Client reference no.:	N/A	Auftragsdatum: Order date:	2026-03-05	
Auftraggeber: Client:	Domus Next Inc. 651 N. Broad St., Suite 308, Middletown, New Castle, 19709, USA			
Prüfgegenstand: Test item:	Nori Family Hub			
Bezeichnung / Typ-Nr.: Identification / Type no.:	F15-FW-A1			
Auftrags-Inhalt: Order content:	Test Report			
Prüfgrundlage: Test specification:	CFR Title 47 FCC Part 15: Subpart E Section 15.407			
Wareneingangsdatum: Date of sample receipt:	2026-03-15	Please refer to Photo Document		
Prüfmuster-Nr.: Test sample no.:	A004228324-001			
Prüfzeitraum: Testing period:	2026-03-18 - 2026-04-10			
Ort der Prüfung: Place of testing:	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüflaboratorium: Testing laboratory:	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: Test result*:	Pass			
geprüft von: tested by:			genehmigt von: authorized by:	
Datum: Date: 2026-04-23	Signed by: Jonathan Li		Ausstellungsdatum: Issue date: 2026-04-23	Signed by: Bell Hu
Stellung / Position:	Sachverständige(r)/Expert		Stellung / Position:	Sachverständige(r)/Expert
Sonstiges / Other:	FCC ID: 2BVLIF15-FW-A1, This report is for 5GHz Wi-Fi.			
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:	Prüfmuster vollständig und unbeschädigt Test item complete and undamaged			
* Legende: P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet * Legend: P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested				
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

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Test report no.:

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Anmerkungen
Remarks

1	Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben. Detaillierte Informationen bezüglich Prüfbedingungen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden. <i>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i>
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3	Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt. <i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.</i> <i>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i>
4	Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2023, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019. <i>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2023, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i>

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Test Summary

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 MAXIMUM CONDUCTED OUTPUT POWER

RESULT: Pass

5.1.3 RADIATED SPURIOUS EMISSION

RESULT: Pass

5.1.4 CONDUCTED EMISSION ON AC MAINS

RESULT: Pass

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1 General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix A: Test Results of 5GHz Wi-Fi;

Appendix B: Photographs of Test Set-up.

2 Test Sites

2.1 Test Facilities

TÜV Rheinland (Shenzhen) Co., Ltd.

2-3F, 101 & 102, No.2, Nuclear Power Industrial Park, Fuming Community, Fucheng Street, Longhua District, Shenzhen 518000, People's Republic of China

FCC Accreditation Designation No.: CN1260

A2LA Cert. No.: 5162.01

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Radio Spectrum Testing (SRD-Tonscend)					
Equipment	Manufacturer	Model	Serial No.	Cal. Date	Cal. until
EXA Signal Analyzer, Multi-touch	Keysight	N9010B	MY60241175	23.09.2025	22.09.2026
MXG X-Series RF Vector Signal Generator	Keysight	N5182B	MY61250137	23.09.2025	22.09.2026
EXG X-Series Microwave Analog Signal Generator	Keysight	N5173B	MY61250141	23.09.2025	22.09.2026
DC Power Supply	Keysight	E3642A	MY61276100	23.09.2025	22.09.2026
Wireless Connectivity Tester	R&S	CMW270	102505	23.09.2025	22.09.2026
Power Control Unit	Tonscend	JS0806-4ADC	N/A	23.09.2025	22.09.2026
Automation Control Unit	Tonscend	JS0806-2	21C8060396	23.09.2025	22.09.2026
Test Software	Tonscend	JS1120-3	N/A	N/A	N/A
Control PC	Lenovo	TianYi510S-071MB	YLX23JMF	N/A	N/A
Unwanted Emission Testing (TS9975)					
Equipment	Manufacturer	Model	Serial No.	Cal. Date	Cal. until
EMI Test Receiver	R&S	ESR 7	102021	22.09.2025	21.09.2026
Signal Analyzer	R&S	FSV 40	101439	22.09.2025	21.09.2026
System Controller Interface	R&S	SCI-100	S10010038	N/A	N/A
Filterbank	R&S	Wlan	100759	22.09.2025	21.09.2026
OSP	R&S	OSP 120	102040	N/A	N/A
Pre-amplifier	R&S	SCU08F1	08320031	22.09.2025	21.09.2026
Amplifier	R&S	SCU-18F	180070	22.09.2025	21.09.2026
Amplifier	R&S	SCU40A	100475	22.09.2025	21.09.2026
Trilog Broadband Antenna (30 MHz - 7 GHz)	Schwarzbeck	VULB 9162	193	28.09.2024	27.09.2026
Double-Ridged	ETS-LINDGREN	3117	00218717	28.09.2024	27.09.2026

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Antenna (1 -18 GHz)					
Wideband Ridged Horn Antenna (18-40 GHz)	Steatite	QMS-00880	19067	28.09.2024	27.09.2026
Active Loop Antenna	Schwarzbeck	FMZB 1513	302	28.09.2024	27.09.2026
Test software	R&S	EMC32 (V10.60.10)	N/A	N/A	N/A
Control PC	Dell	OptiPlex 7050	36NV9P2	N/A	N/A
3m Semi-Anechoic Chamber	Albatross	SAC-3m	APC17151-SAC	14.09.2024	13.09.2027

Conducted Emission				
Equipment	Manufacturer	Model No.	Serial No.	Cal. Until
EMI Test Receiver	R&S	ESR3	102680	2026-02-09
Artificial Mains Network	R&S	ENV216	102333	2026-07-18
EMC32 test software	R&S	EMC32(Ver.10.50.00)	N/A	N/A

2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements as below table.

Table 2: Measurement Uncertainty

Parameter	Uncertainty (k=2)
RF output power, conducted	± 0.99 dB
Occupied Channel Bandwidth	± 2.08 %
RF power density, conducted	± 0.99 dB
Unwanted Emissions, conducted	± 0.89 dB
All emissions, radiated	± 4.17 dB
Conducted Emission, (9kHz to 150kHz)/(150kHz to 30MHz)	± 3.70 dB / ± 3.30 dB

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2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix A & B of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) Co., Ltd. file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

The TÜV Rheinland (Shenzhen) Co., Ltd. Test facility located at 2-3F, 101 & 102, No.2, Nuclear Power Industrial Park, Fuming Community, Fucheng Street, Longhua District, Shenzhen 518000, People's Republic of China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3 General Product Information

3.1 Product Function and Intended Use

The product is a Nori Family Hub which supports 2.4GHz/5GHz Wi-Fi functions.

This product contains a Wi-Fi Module "DCT85N2001" (FCC ID: 2AC23-DCT85). According to KDB 996369 D02 (b), the test data for conducted antenna port in original reports can be re-used as justification below.

Items	Wireless Module	FCC ID: 2AC23-DCT85
RF output power	Refer to wireless module test report 4790014851.2-4 as issued by UL Verification Services (Guangzhou) Co.,Ltd, Song Shan Lake Brance	
Power Spectral density		
Frequency Stability		
26dB Bandwidth		
6dB bandwidth		
Dynamic Frequency Selection (DFS)		

The antenna changed to accommodate the module into the product, details as below

Items	Antenna information	Remark
Wi-Fi Module (DCT85N2001)	Antenna: (Refer to the module reports) 5150 MHz ~ 5850 MHz: Ant1:3.0 dBi, Ant2:3.0 dBi	1. It verified that, except for the antennas, there is no other change made on the module when it installed into Nori Family Hub. There are no evident variations on RF conducted signals, the conducted power kept in matching with original module. 2. To guarantee the compliance, the Peak Conducted Output Power and RSE were re-tested, as for other test items, please refer the module reports. 3. The Bluetooth BR&EDR, BLE was blocked and not open to public when integrated into the host.
Nori Family Hub (F15-FW-A1)	Antenna: (provided by the client) 5150 MHz ~ 5850 MHz: Ant1:4.75dBi, Ant2: 4.92dBi	

For details refer to the User Manual, Technical Description and Circuit Diagram.

3.2 Ratings and System Details

Table 3: Technical Specification of EUT

General Information of EUT	Value
Kind of Equipment	Nori Family Hub
Type Designation	F15-FW-A1
FCC ID	2BVLIF15-FW-A1
Operating Voltage	DC 15V, 2.4A
Testing Voltage	DC 15V from AC 120V adapter
Technical Specification of 5GHz Wi-Fi	
Operating Frequency	5180-5240MHz, 5260-5320MHz, 5500-5720MHz, 5745-5825MHz
Radio	IEEE802.11a20 IEEE802.11n HT20/n HT40 IEEE802.11ac VHT20/VHT40/VHT80
	IEEE 802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT40: OFDM (64QAM, 16QAM, QPSK, BPSK)

	IEEE 802.11ac VHT20: OFDM (256QAM, 64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ac VHT40: OFDM (256QAM, 64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ac VHT80: OFDM (256QAM, 64QAM, 16QAM, QPSK, BPSK)
Channel Bandwidth	20MHz, 40MHz, 80MHz
Antenna Type	Integral Antenna
Antenna Number	2Tx2Rx
Antenna Gain	Ant1:4.75dBi, Ant2: 4.92dBi (Provided by the Client)
The type of wideband data transmission equipment:	NII

Note: The correctness of all data provided by customer in the test report is ensured and responsible of the customer. Any misjudgment of the test results caused by the use of incorrect data provided by customer shall be borne by the customer.

Table 4: RF Channel and Frequency of 5GHz Wi-Fi 802.11 a/n/ac

U-NII-1					
20MHz Bandwidth		40MHz Bandwidth		80MHz Bandwidth	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230		
44	5220				
48	5240				

U-NII-2A					
20MHz Bandwidth		40MHz Bandwidth		80MHz Bandwidth	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	54	5270	58	5290
56	5280	62	5310		
60	5300				
64	5320				

U-NII-2C					
20MHz Bandwidth		40MHz Bandwidth		80MHz Bandwidth	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	102	5510	106	5530
104	5520	110	5550	122	5610
108	5540	134	5670		
112	5560				
116	5580				
132	5660				
136	5680				
140	5700				

U-NII-3					
20MHz Bandwidth		40MHz Bandwidth		80MHz Bandwidth	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	151	5755	155	5775
153	5765	159	5795		
157	5785				

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161	5805				
165	5825				

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, 5GHz Wi-Fi wireless transmitting mode
 - 1) Low Channel
 - 2) Middle Channel
 - 3) High Channel
- B. On, 5GHz Wi-Fi Connecting

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

- Application Form
- Operation Description
- PCB Layout
- User Manual
- Block Diagram
- ID Label and Location Info

4 Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

Radio Spectrum: The equipment under test (EUT) was configured at its highest power output in order to measure its highest possible radiation and conducted level. The test modes were adapted accordingly in reference to the instructions for use.

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All tests were performed according to the procedures in ANSI C63.10:2020, ANSI C63.10:2020+Cor. 1:2023+ C63.10a:2024.

According to clause 3.1, all tests were performed on model *F15-FW-A1* in this report.

4.3 Special Accessories and Auxiliary Equipment

Table 5: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N	Remark
Laptop	Lenovo	T480	PF-16A6N8	n/a
Power adapter	DONGGUAN GANGQI ELECTRONIC CO LTD	GQ36-150240-BU	n/a	Input: 100-240Vac, 50/60Hz, 1.2A max., Output: 15.0Vdc 2.4A

4.4 Countermeasures to Achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF).

No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

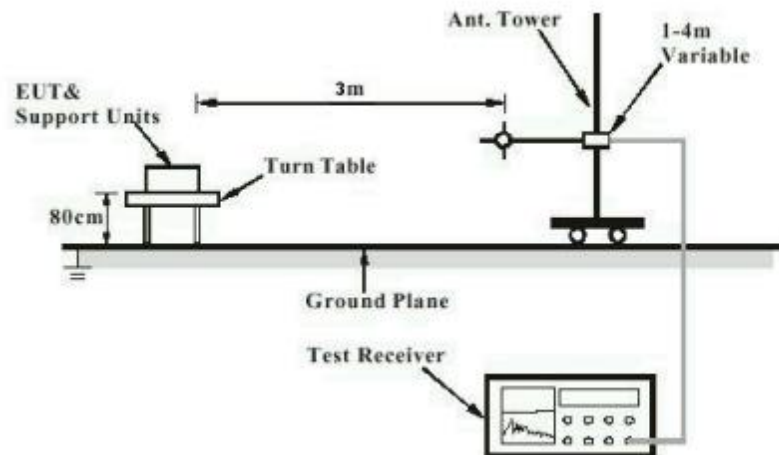


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)

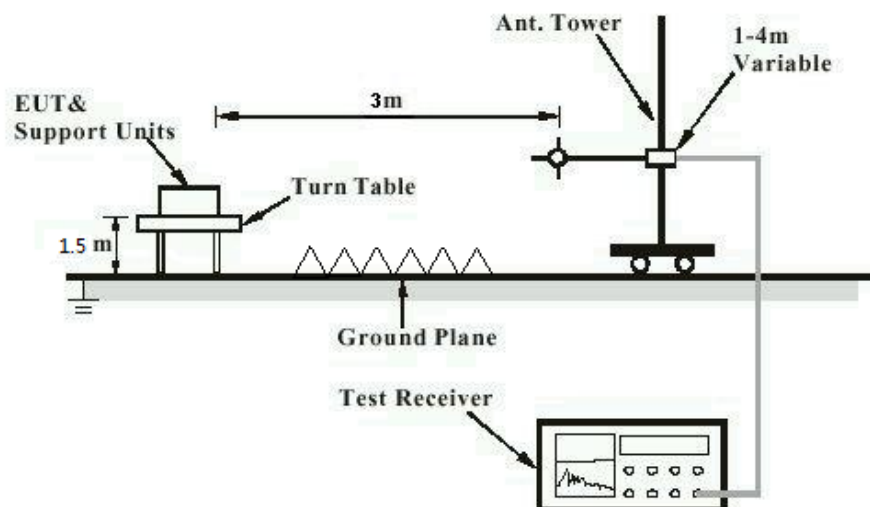


Diagram of Measurement Configuration for Mains Conduction Measurement

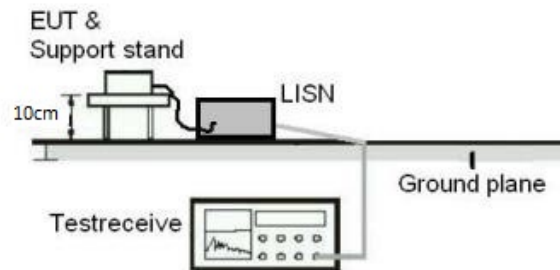
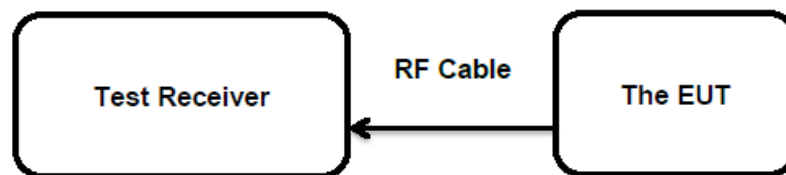


Diagram of Measurement Configuration for Conducted Transmitter Measurement



5 Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:

Pass

Test Specification

Test standard : FCC Part 15.203

According to the manufacturer declared, the EUT have Integral antenna, permanent attachment and no consideration of replacement, refer to section 3.2 for details.

Therefore the EUT is considered sufficient to comply with the provision.

Refer to EUT Photo for further details.

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5.1.2 Maxium Conducted Output Power

RESULT:

Pass

Test Specification

Test standard	: FCC Part 15.407(a)(1)&(2)&(4)
Basic standard	: ANSI C63.10:2020, ANSI C63.10:2020+Cor. 1:2023+ C63.10a:2024
Limits	: <250mW (23.98dBm) (5150-5250MHz) * <250mW (23.98dBm) (5250-5350MHz, 5470-5725MHz) * 250 mW (24dBm) or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz, where is lesser. <1W (30dBm) (5725-5850MHz)
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2026-03-18 - 2026-04-10
Input voltage	: DC 15V
Operation mode	: A
Test channel	: Low / Middle / High
Ambient temperature	: 25 °C
Relative humidity	: 45 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A.

Table 6: Test Result of Maximum Conducted Output Power

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11A20	Ant1	5180	16.04	≤23.98	PASS
	Ant2	5180	14.54		
	Ant1	5200	15.67		
	Ant2	5200	14.89		
	Ant1	5240	15.89		
	Ant2	5240	15.44		
	Ant1	5260	16.00		
	Ant2	5260	15.59		
	Ant1	5280	15.68		
	Ant2	5280	15.22		
	Ant1	5320	15.65		
	Ant2	5320	15.48		
	Ant1	5500	11.54		
	Ant2	5500	14.45		
	Ant1	5580	12.33		
	Ant2	5580	15.09		
	Ant1	5700	10.78	≤30.00	PASS
	Ant2	5700	14.89		
	Ant1	5745	15.24		
	Ant2	5745	14.42		
	Ant1	5785	15.23		
	Ant2	5785	14.32		
11N20MIMO	Ant1	5825	15.26	≤23.98	PASS
	Ant2	5825	14.00		
	Ant1	5180	11.91		
	Ant2	5180	10.56		
	Total	5180	14.30		
	Ant1	5200	12.07		
	Ant2	5200	10.78		
	Total	5200	14.48		
	Ant1	5240	11.22		
	Ant2	5240	10.23		
	Total	5240	13.76		
	Ant1	5260	14.26		
	Ant2	5260	13.78		
	Total	5260	17.04		
	Ant1	5280	14.42		
	Ant2	5280	13.94		
	Total	5280	17.20		
	Ant1	5320	14.48		
	Ant2	5320	14.03		
	Total	5320	17.27		
	Ant1	5500	11.72		
	Ant2	5500	12.04		
	Total	5500	14.89		
	Ant1	5580	12.29		
	Ant2	5580	12.47		
	Total	5580	15.39		
	Ant1	5700	10.06		
	Ant2	5700	11.00		
	Total	5700	13.57		
	Ant1	5745	14.33		

	Ant2	5745	13.09		
	Total	5745	16.76		
	Ant1	5785	14.34		
	Ant2	5785	12.88		
	Total	5785	16.68		
	Ant1	5825	14.36		
	Ant2	5825	12.17		
	Total	5825	16.41		
11N40MIMO	Ant1	5190	14.09	≤23.98	PASs
	Ant2	5190	13.08		
	Total	5190	16.62		
	Ant1	5230	14.52		
	Ant2	5230	13.56		
	Total	5230	17.08		
	Ant1	5270	12.67		
	Ant2	5270	11.74		
	Total	5270	15.24		
	Ant1	5310	12.48		
	Ant2	5310	11.75		
	Total	5310	15.14		
	Ant1	5510	9.98		
	Ant2	5510	10.32		
	Total	5510	13.16		
	Ant1	5550	10.28		
	Ant2	5550	10.65		
	Total	5550	13.48		
	Ant1	5670	10.35		
	Ant2	5670	11.47		
	Total	5670	13.96		
	Ant1	5755	15.12	≤30.0	PASS
	Ant2	5755	14.09		
	Total	5755	17.65		
	Ant1	5795	15.03		
	Ant2	5795	13.82		
	Total	5795	17.48		

11AC20MIMO	Ant1	5180	11.65	≤23.98	PASS
	Ant2	5180	9.87		
	Total	5180	13.86		
	Ant1	5200	12.01		
	Ant2	5200	10.32		
	Total	5200	14.26		
	Ant1	5240	11.89		
	Ant2	5240	10.3		
	Total	5240	14.18		
	Ant1	5260	14.08		
	Ant2	5260	12.81		
	Total	5260	16.50		
	Ant1	5280	13.87		
	Ant2	5280	12.79		
	Total	5280	16.37		
	Ant1	5320	13.88		
	Ant2	5320	12.92		
	Total	5320	16.44		
	Ant1	5500	13.29		
	Ant2	5500	12.19		

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	Total	5500	15.79		
	Ant1	5580	14.28		
	Ant2	5580	13.12		
	Total	5580	16.75		
	Ant1	5700	13.43		
	Ant2	5700	12.6		
	Total	5700	16.05		
	Ant1	5745	13.62		
11AC40MIMO	Ant2	5745	13.32	≤30.00	PASS
	Total	5745	16.48		
	Ant1	5785	13.59		
	Ant2	5785	12.79		
	Total	5785	16.22		
	Ant1	5825	13.89		
	Ant2	5825	12.67		
	Total	5825	16.33		
	Ant1	5190	14.58	≤23.98	PASSs
	Ant2	5190	13.87		
	Total	5190	17.25		
	Ant1	5230	14.94		
	Ant2	5230	14.34		
	Total	5230	17.66		
	Ant1	5270	14.45		
	Ant2	5270	14.35		
	Total	5270	17.41		
	Ant1	5310	14.43		
	Ant2	5310	14.34		
	Total	5310	17.40		
	Ant1	5510	13.03		
	Ant2	5510	12.67		
	Total	5510	15.86		
	Ant1	5550	13.43	≤30.0	PASS
	Ant2	5550	13.24		
	Total	5550	16.35		
	Ant1	5670	14.03		
	Ant2	5670	14.02		
	Total	5670	17.04		
	Ant1	5755	14.52		
	Ant2	5755	13.65		
	Total	5755	17.12		
	Ant1	5795	14.53		
	Ant2	5795	13.45		
	Total	5795	17.03		

11AC80MIMO	Ant1	5210	10.89	≤23.98	PASs
	Ant2	5210	9.92		
	Total	5210	13.44		
	Ant1	5290	10.76		
	Ant2	5290	10.09		
	Total	5290	13.45		
	Ant1	5530	7.45		
	Ant2	5530	7.89		
	Total	5530	10.69		
	Ant1	5610	7.53	≤30.0	PASS
	Ant2	5610	7.46		
	Total	5610	10.51		
	Ant1	5775	10.32		
	Ant2	5775	10.09		
	Total	5775	13.22		

Note:

- 1) The cable loss is taken into account in results

5.1.3 Radiated Spurious Emission

RESULT:**Pass****Test Specification**

Test standard : FCC Part 15.407(b) & FCC Part 15.205 & FCC Part 15.209
ANSI C63.10:2020 and ANSI C63.10:2020+Cor. 1:2023+
Basic standard : C63.10a:2024

Limits

- For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
Emissions outside the band 5470-5600 MHz and 5650-5725 MHz shall not exceed -27 dBm/MHz e.i.r.p.
- For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
Restricted Bands meet the requirement of 15.209 limit

Kind of test site : 3m Semi-anechoic Chamber

Test Setup

Date of testing : 2026-03-18 - 2026-04-10
Input voltage : DC 15V
Operation mode : A
Test channel : Low / Middle / High
Ambient temperature : Refer to test result
Relative humidity : Refer to test result
Atmospheric pressure : 101 kPa

Remark:

Testing was carried out within frequency range 9kHz to the tenth harmonics. Only the worst case spurious emissions configuration of each mode were reported.

For the measurement records, refer to the appendix A.

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5.1.4 Conducted Emission on AC Mains

RESULT:

Pass

Test Specification

Test standard : FCC Part 15.207(a)
Basic standard : ANSI C63.4:2014
Frequency range : 0.15 – 30MHz
Classification : Class B
Limits : FCC Part 15.207(a)

Kind of test site : Shielded Room

Test Setup

Date of testing : 2026-03-18 - 2026-04-10
Input voltage : DC 15V from AC 120V adapter
Operation mode : B
Ambient temperature : Refer to test result
Relative humidity : Refer to test result
Atmospheric pressure : 101 kPa

6 Photographs of the Test Set-Up

For photographs of the test set-up, refer to the appendix B.

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Appendix A.1: Test Results of Radiated Spurious Emissions

Note:

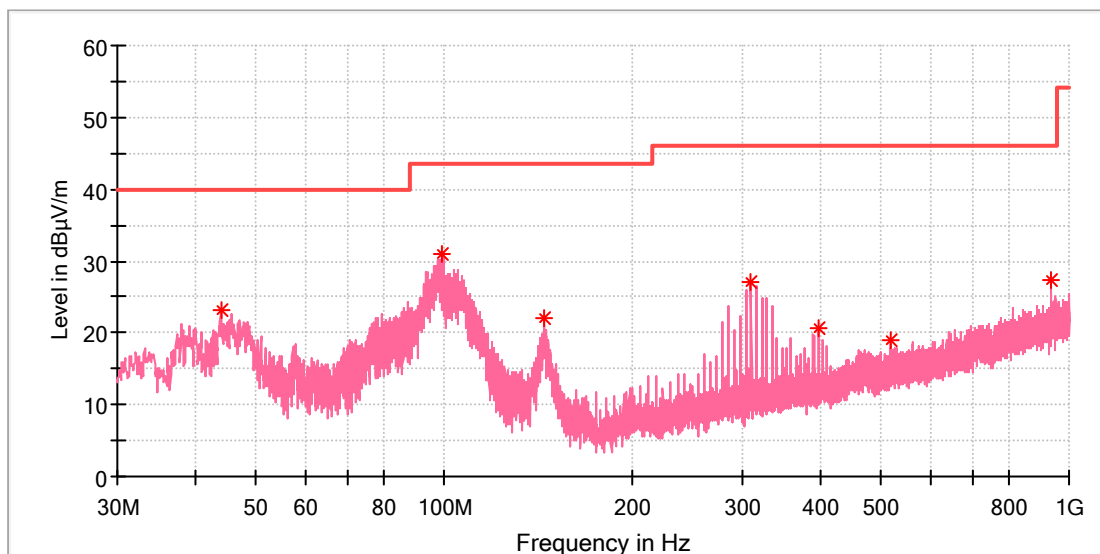
- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30MHz - 1GHz(worst case)

Test Report

EUT Information

EUT Name:	Nori Family Hub
Model:	F15-FW-A1
Test Mode:	WIFI 5G_11a_Ch40
Order No/Sample No:	27220425/A004228324-001
Test Voltage::	Adaptor
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
43.903333	23.30	40.00	16.70	100.0	V	12.0	-19.2
99.139444	31.08	43.50	12.42	100.0	V	137.0	-19.2
144.352222	22.11	43.50	21.39	100.0	V	74.0	-22.4
310.276111	27.07	46.00	18.93	100.0	V	83.0	-16.0
396.282778	20.63	46.00	25.37	100.0	V	83.0	-13.9
519.203333	19.05	46.00	26.95	100.0	V	5.0	-11.5
938.458889	27.26	46.00	18.74	100.0	V	178.0	-4.4

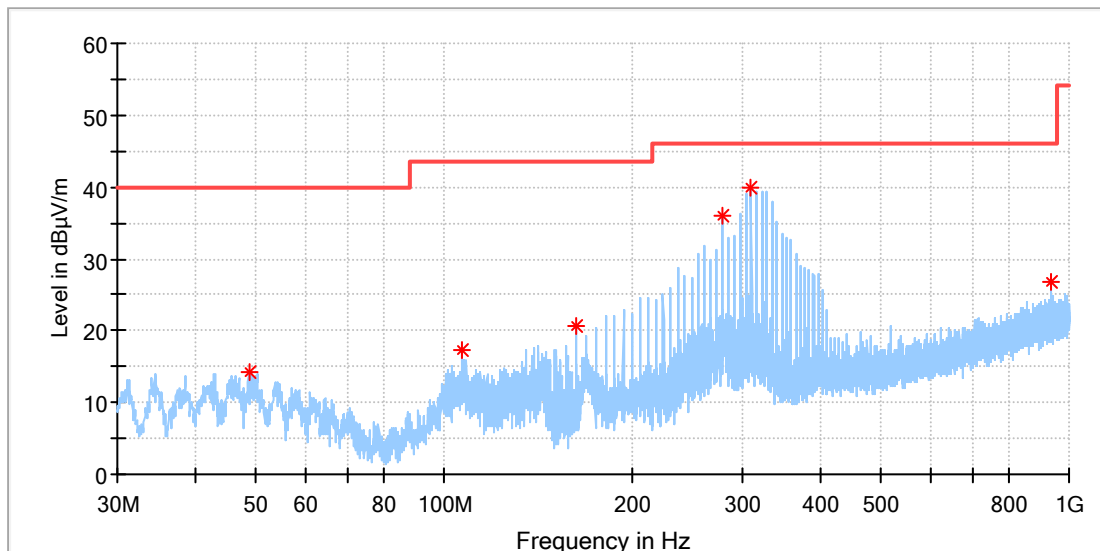
Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

Test Report

EUT Information

EUT Name: Nori Family Hub
Model: F15-FW-A1
Test Mode: WIFI 5G_11a_Ch40
Order No/Sample No: 27220425/A004228324-001
Test Voltage:: Adaptor
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
48.699444	14.34	40.00	25.66	100.0	H	183.0	-18.5
106.737778	17.42	43.50	26.08	100.0	H	124.0	-19.0
162.836111	20.77	43.50	22.73	100.0	H	207.0	-21.7
279.559444	36.01	46.00	9.99	100.0	H	332.0	-16.7
310.276111	39.80	46.00	6.20	100.0	H	18.0	-16.0
938.458889	26.87	46.00	19.13	100.0	H	311.0	-4.4

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

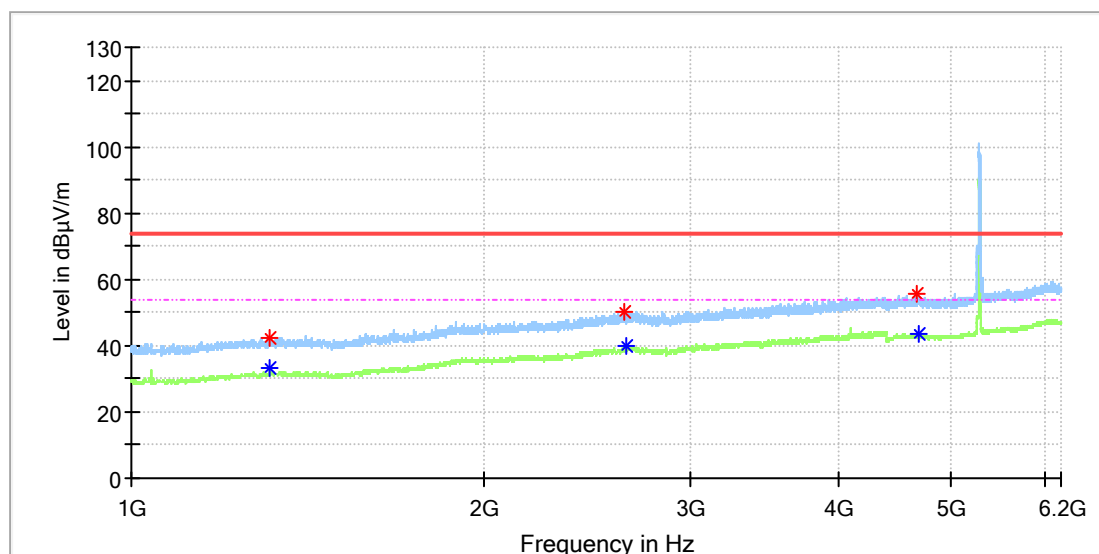
Note: The highest waveform in the figure is Wi-Fi Fundamental.

Test were performed on High/Middle/Low channels of 802.11a20, 802.11n HT20/n HT40, 802.11ac VHT20/VHT40/VHT80, here the worse case 802.11a20 test results were recorded.

Test Report

EUT Information

EUT Name:	Nori Family Hub
Model:	F15-FW-A1
Test Mode:	WIFI 5G_11a_Ch56
Order No/Sample No:	27220425/A004228324-001
Test Voltage::	Adaptor
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1312.000000	---	33.35	54.00	20.65	150.0	H	294.0	2.8
1313.000000	42.37	---	74.00	31.63	150.0	H	294.0	2.8
2636.000000	50.48	---	74.00	23.52	150.0	H	147.0	10.0
2638.500000	---	39.77	54.00	14.23	150.0	H	68.0	10.0
4666.000000	55.36	---	74.00	18.64	150.0	H	204.0	13.5
4685.500000	---	43.49	54.00	10.51	150.0	H	23.0	13.5

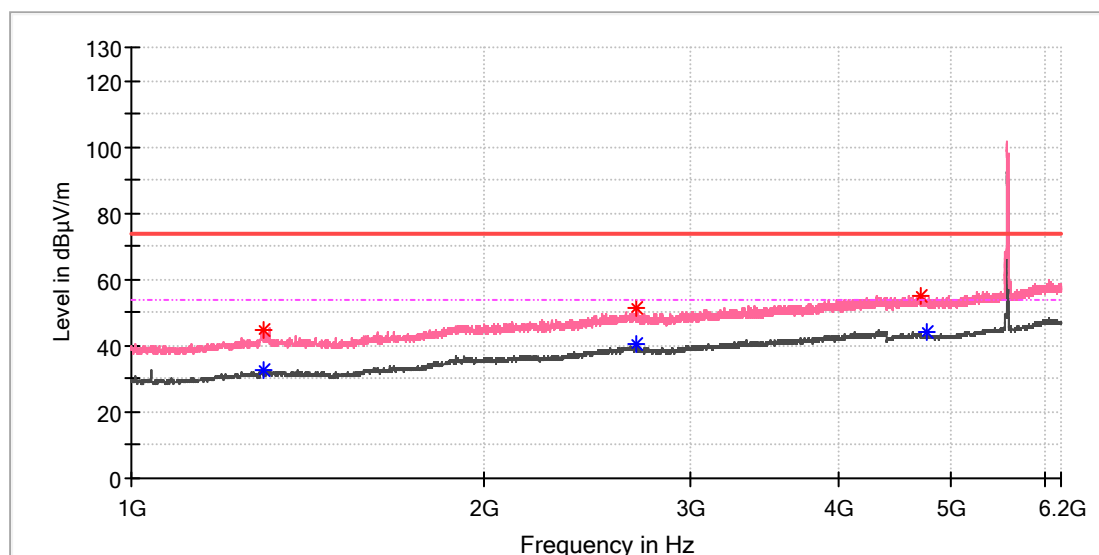
Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Test Report

EUT Information

EUT Name:	Nori Family Hub
Model:	F15-FW-A1
Test Mode:	WIFI 5G_11a_Ch116
Order No/Sample No:	27220425/A004228324-001
Test Voltage::	Adaptor
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	PoI	Azimuth (deg)	Corr. (dB/m)
1294.500000	---	32.45	54.00	21.55	150.0	V	269.0	2.7
1298.000000	44.82	---	74.00	29.18	150.0	V	314.0	2.7
2694.500000	---	40.32	54.00	13.68	150.0	V	53.0	10.0
2696.500000	51.50	---	74.00	22.50	150.0	V	187.0	10.0
4711.000000	55.23	---	74.00	18.77	150.0	V	203.0	13.5
4759.000000	---	44.12	54.00	9.88	150.0	V	229.0	13.3

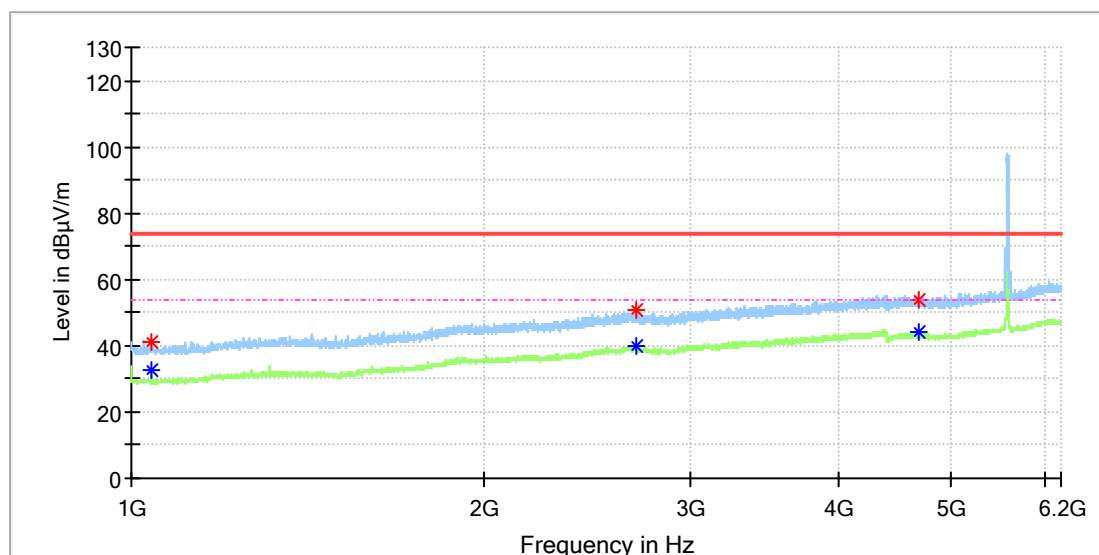
Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Test Report

EUT Information

EUT Name:	Nori Family Hub
Model:	F15-FW-A1
Test Mode:	WIFI 5G_11a_Ch116
Order No/Sample No:	27220425/A004228324-001
Test Voltage::	Adaptor
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1039.000000	40.94	---	74.00	33.06	150.0	H	0.0	0.5
1039.500000	---	32.71	54.00	21.29	150.0	H	35.0	0.5
2694.000000	---	39.86	54.00	14.14	150.0	H	198.0	10.0
2694.500000	50.89	---	74.00	23.11	150.0	H	305.0	10.0
4684.000000	54.07	---	74.00	19.93	150.0	H	214.0	13.5
4690.500000	---	43.84	54.00	10.16	150.0	H	112.0	13.5

Final Result

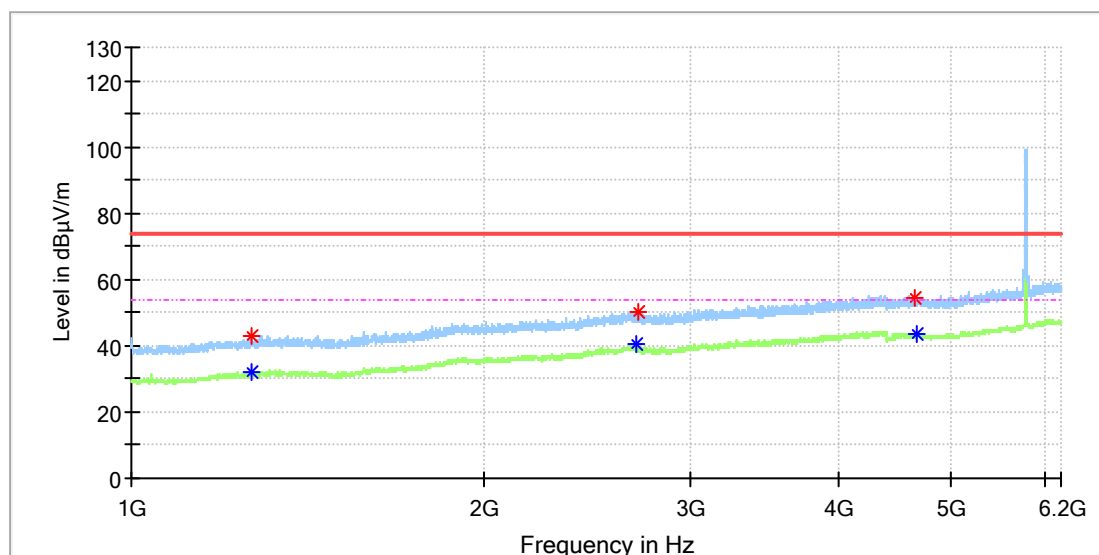
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Test Report

EUT Information

EUT Name:	Nori Family Hub
Model:	F15-FW-A1
Test Mode:	WIFI 5G_11a_Ch157
Order No/Sample No:	27220425/A004228324-001
Test Voltage::	Adaptor
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1266.500000	42.67	---	74.00	31.33	150.0	H	125.0	2.7
1268.000000	---	31.75	54.00	22.25	150.0	H	355.0	2.7
2693.500000	---	40.31	54.00	13.69	150.0	H	350.0	10.0
2700.000000	50.17	---	74.00	23.83	150.0	H	163.0	9.9
4647.500000	54.61	---	74.00	19.39	150.0	H	247.0	13.5
4678.500000	---	43.76	54.00	10.24	150.0	H	29.0	13.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

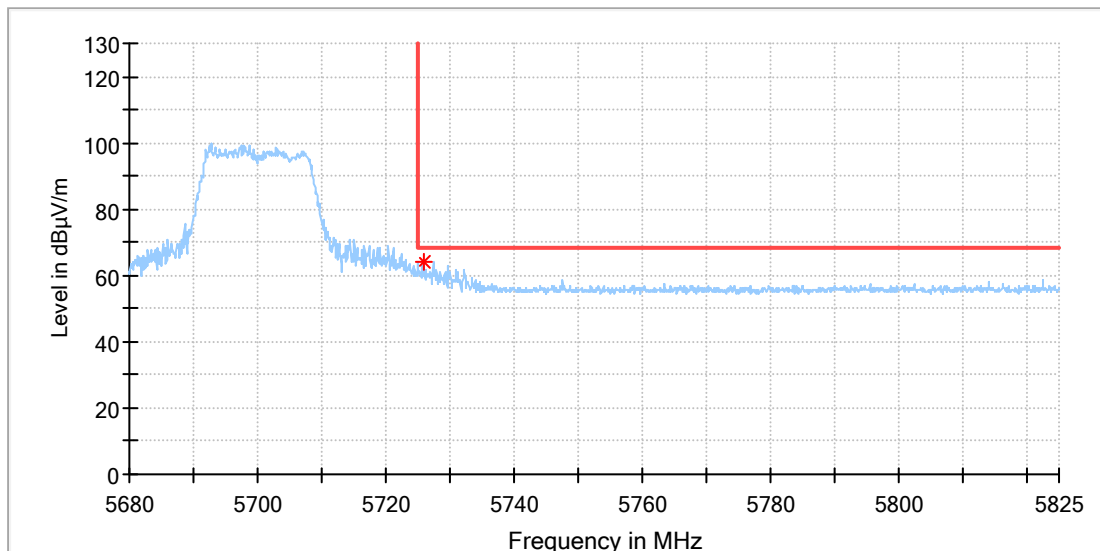
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Test Report

EUT Information

EUT Name:	Nori Family Hub
Model:	F15-FW-A1
Test Mode:	WIFI 5G_11a_Ch140
Order No/Sample No:	27220425/A004228324-001
Test Voltage::	Adaptor
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5725.908333	64.06	68.20	4.14	150.0	H	148.0	15.4

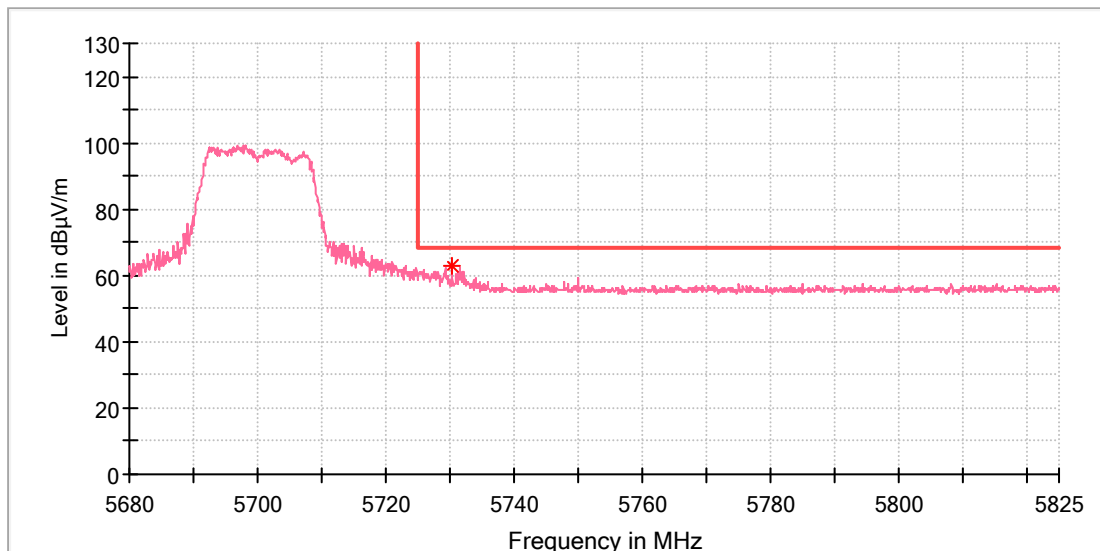
Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

Test Report

EUT Information

EUT Name:	Nori Family Hub
Model:	F15-FW-A1
Test Mode:	WIFI 5G_11a_Ch140
Order No/Sample No:	27220425/A004228324-001
Test Voltage::	Adaptor
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5730.316667	62.87	68.20	5.33	150.0	V	106.0	15.4

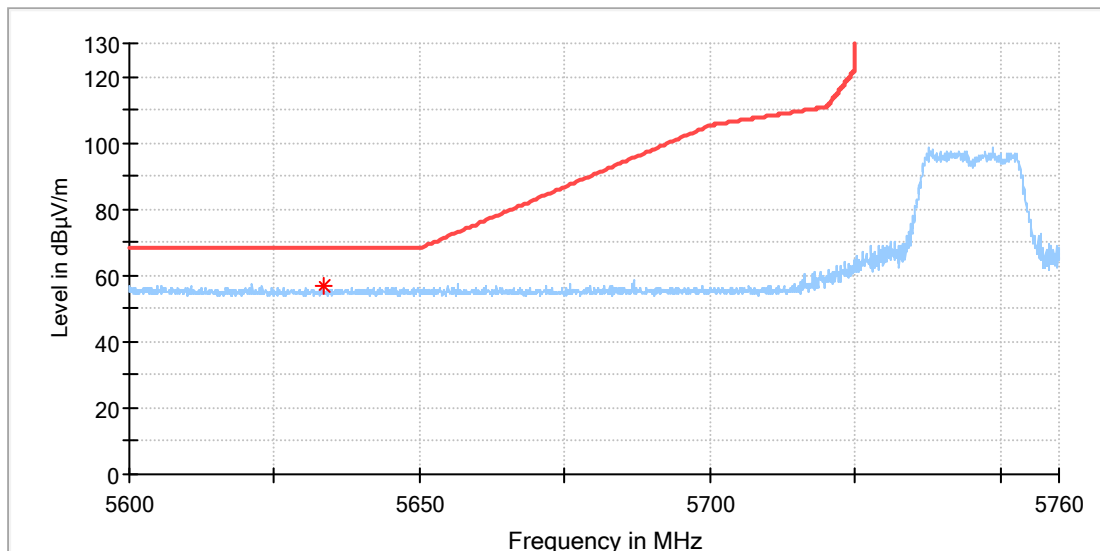
Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

Test Report

EUT Information

EUT Name:	Nori Family Hub
Model:	F15-FW-A1
Test Mode:	WIFI 5G_11a_Ch149
Order No/Sample No:	27220425/A004228324-001
Test Voltage::	Adaptor
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5633.550000	56.80	68.20	11.40	150.0	H	0.0	15.3

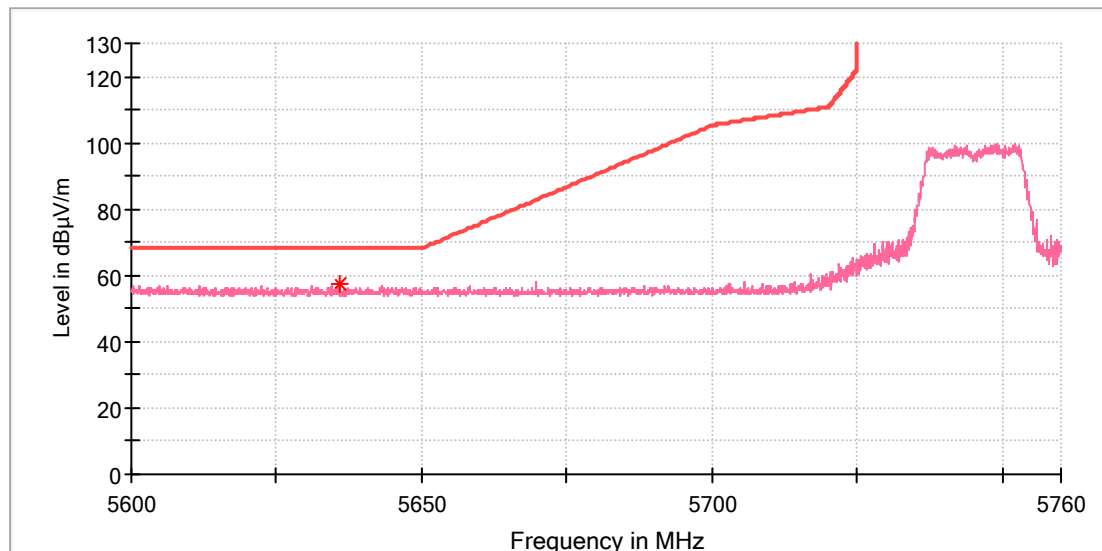
Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

Test Report

EUT Information

EUT Name: Nori Family Hub
Model: F15-FW-A1
Test Mode: WIFI 5G_11a_Ch149
Order No/Sample No: 27220425/A004228324-001
Test Voltage:: Adaptor
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5635.872222	57.45	68.20	10.75	150.0	V	183.0	15.3

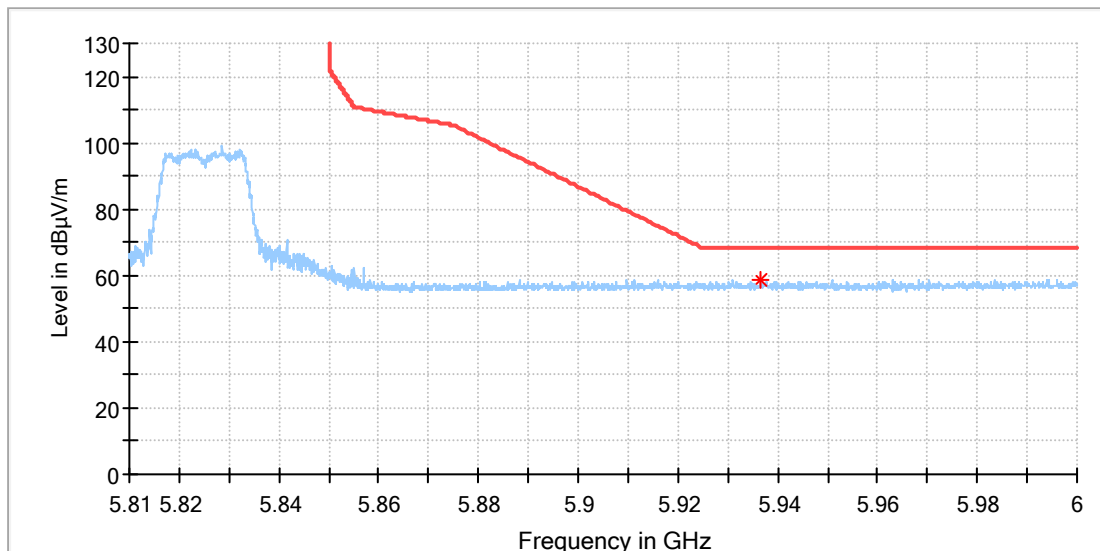
Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

Test Report

EUT Information

EUT Name: Nori Family Hub
Model: F15-FW-A1
Test Mode: WIFI 5G_11a_Ch165
Order No/Sample No: 27220425/A004228324-001
Test Voltage:: Adaptor
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5936.520833	58.87	68.20	9.33	150.0	H	0.0	16.2

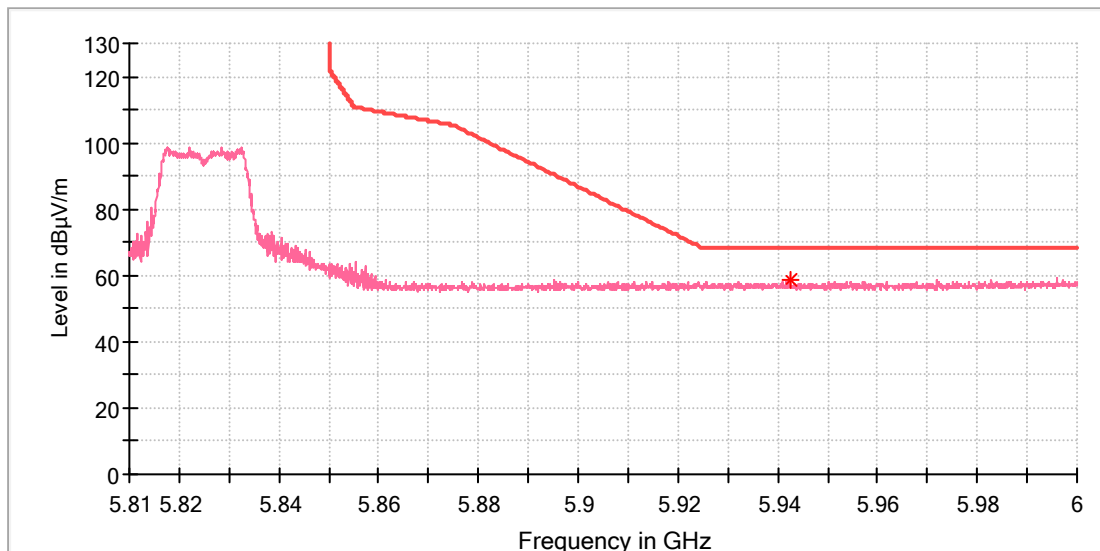
Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

Test Report

EUT Information

EUT Name:	Nori Family Hub
Model:	F15-FW-A1
Test Mode:	WIFI 5G_11a_Ch165
Order No/Sample No:	27220425/A004228324-001
Test Voltage::	Adaptor
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5942.402778	58.68	68.20	9.52	150.0	V	144.0	16.2

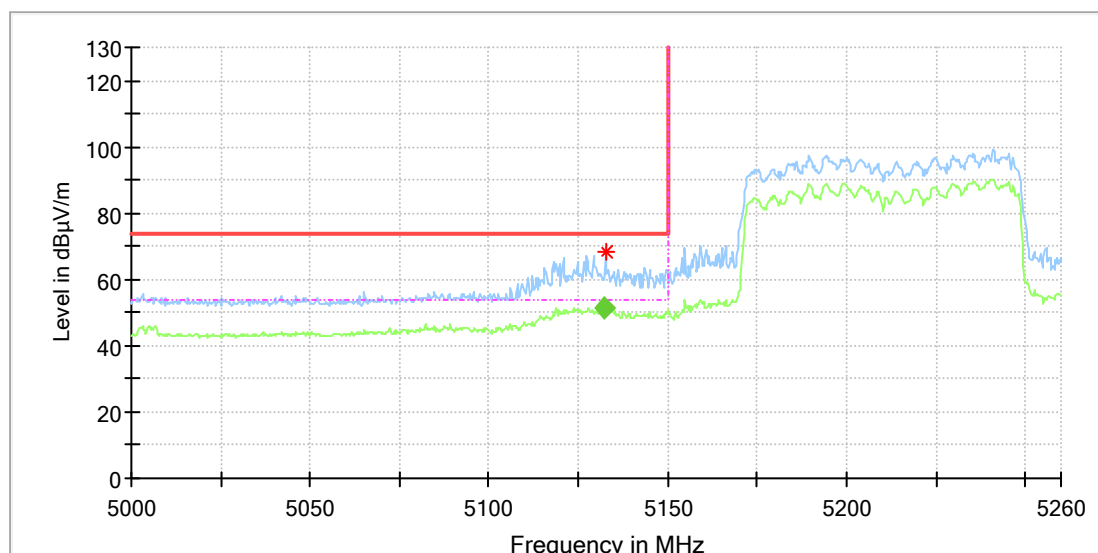
Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

Test Report

EUT Information

EUT Name: Nori Family Hub
Model: F15-FW-A1
Test Mode: WIFI 5G_11ac80_Ch42
Order No/Sample No: 27220425/A004228324-001
Test Voltage:: Adaptor
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5132.583333	68.15	---	74.00	5.85	150.0	H	120.0	13.9

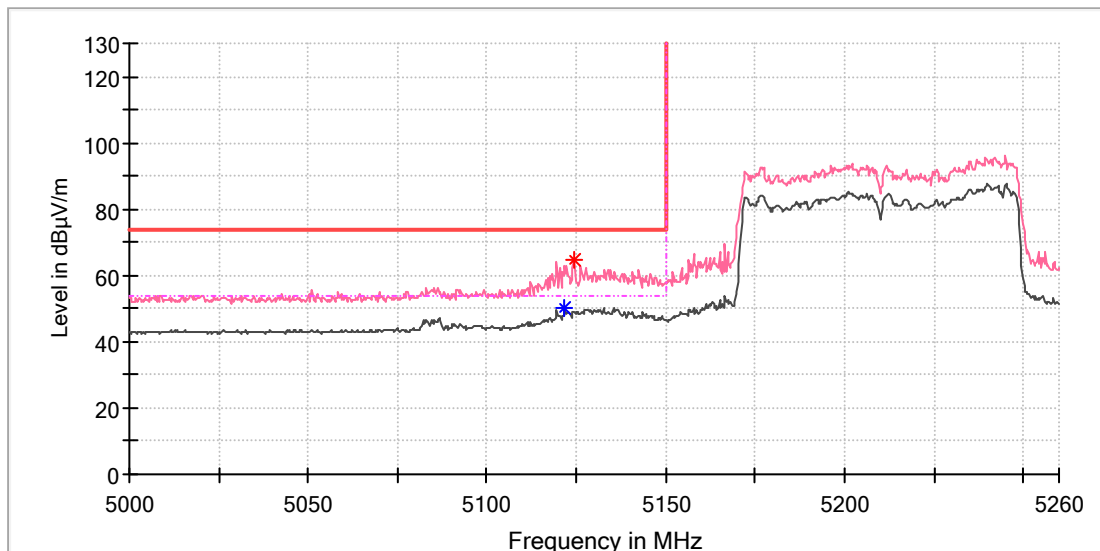
Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5132.158333	---	51.67	54.00	2.33	150.0	H	119.0	13.9

Test Report

EUT Information

EUT Name:	Nori Family Hub
Model:	F15-FW-A1
Test Mode:	WIFI 5G_11ac80_Ch42
Order No/Sample No:	27220425/A004228324-001
Test Voltage::	Adaptor
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5121.766667	---	50.29	54.00	3.71	150.0	V	118.0	13.8
5124.388889	64.57	---	74.00	9.43	150.0	V	123.0	13.8

Final Result

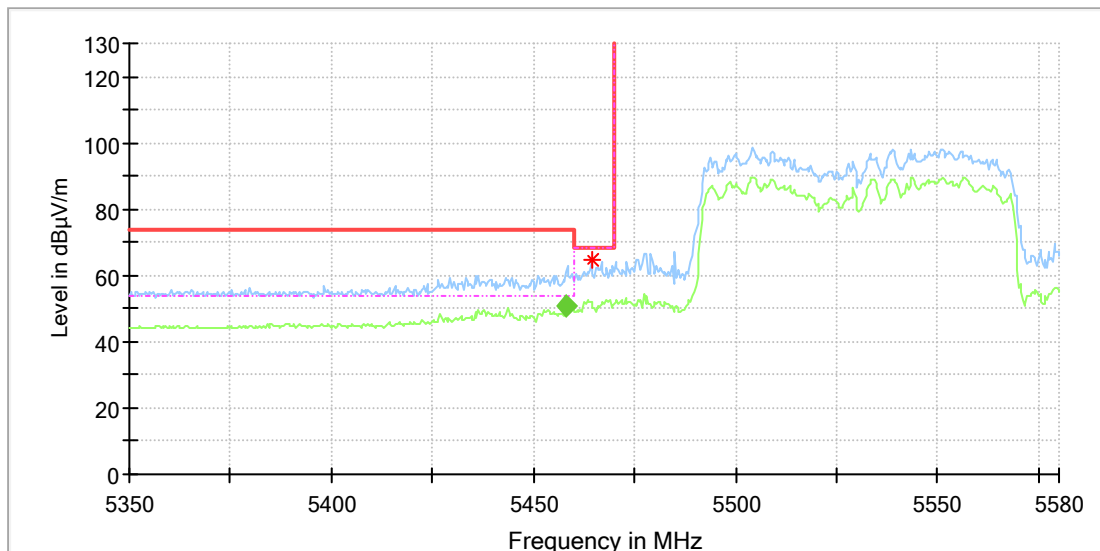
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Test Report

EUT Information

EUT Name:	Nori Family Hub
Model:	F15-FW-A1
Test Mode:	WIFI 5G_11ac80_Ch106
Order No/Sample No:	27220425/A004228324-001
Test Voltage::	Adaptor
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5464.350000	64.50	---	68.20	3.70	150.0	H	83.0	15.1

Final Result

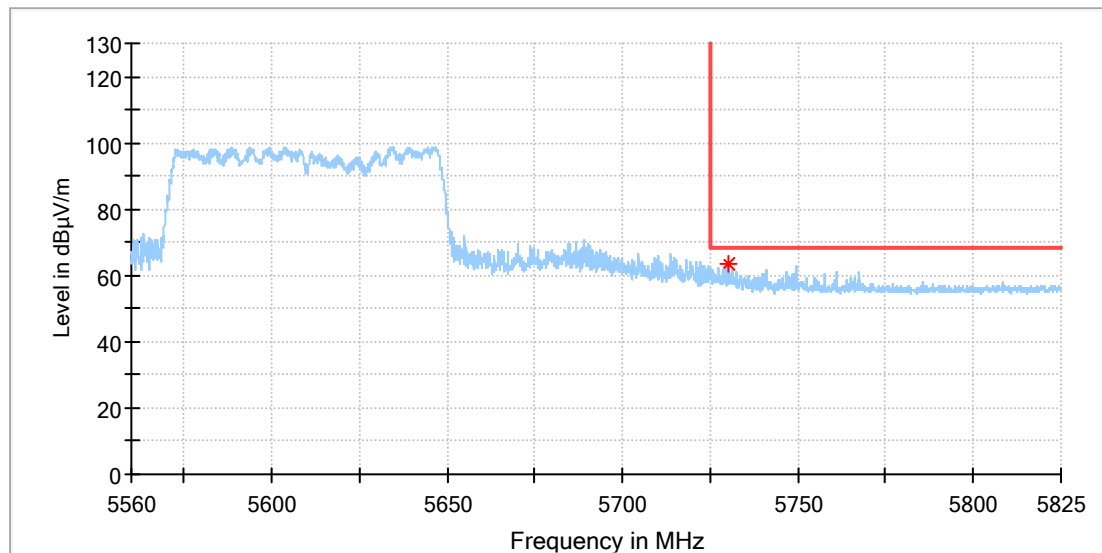
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5458.050000	---	50.83	54.00	3.17	150.0	H	76.0	15.0

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Test Report

EUT Information

EUT Name:	Nori Family Hub
Model:	F15-FW-A1
Test Mode:	WIFI 5G_11ac80_Ch122
Order No/Sample No:	27220425/A004228324-001
Test Voltage::	Adaptor
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5730.220833	63.27	68.20	4.93	150.0	H	296.0	15.4

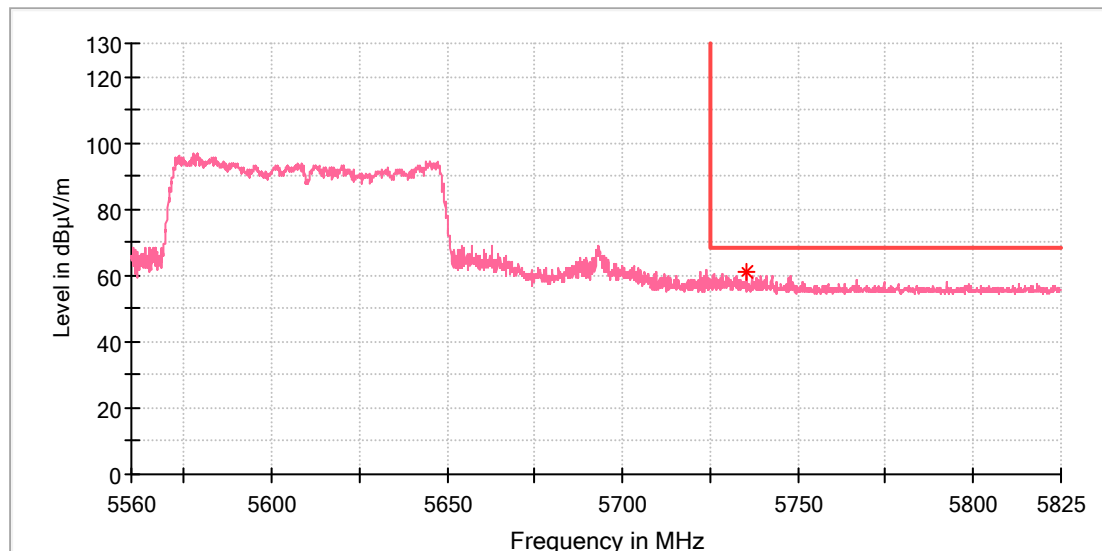
Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

Test Report

EUT Information

EUT Name:	Nori Family Hub
Model:	F15-FW-A1
Test Mode:	WIFI 5G_11ac80_Ch122
Order No/Sample No:	27220425/A004228324-001
Test Voltage::	Adaptor
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5735.204167	61.12	68.20	7.08	150.0	V	296.0	15.4

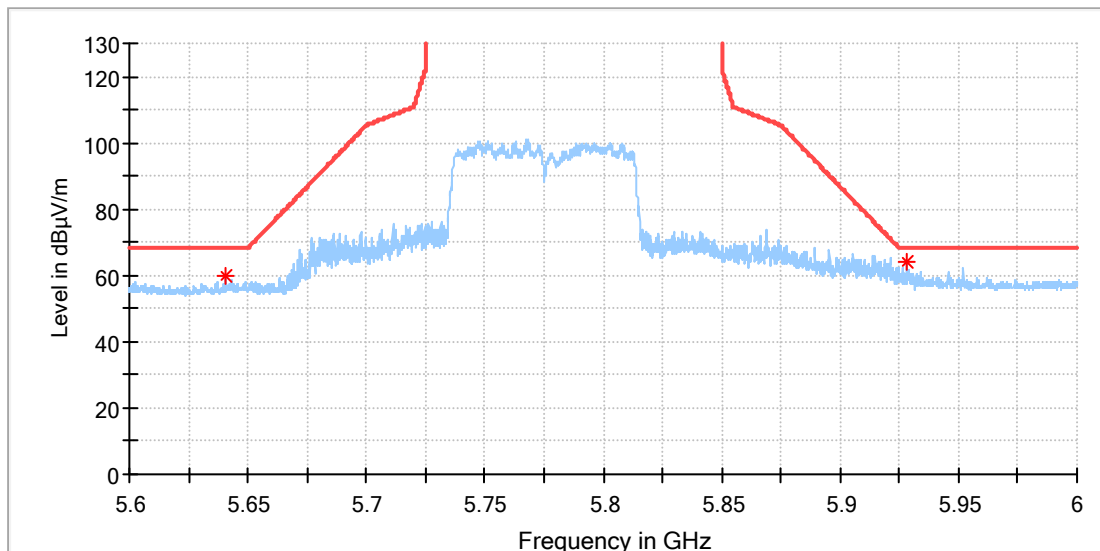
Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

Test Report

EUT Information

EUT Name: Nori Family Hub
Model: F15-FW-A1
Test Mode: WIFI 5G_11ac80_Ch155
Order No/Sample No: 27220425/A004228324-001
Test Voltage:: Adaptor
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5640.777778	59.78	68.20	8.42	150.0	H	248.0	15.3
5928.222222	64.09	68.20	4.11	150.0	H	305.0	16.2

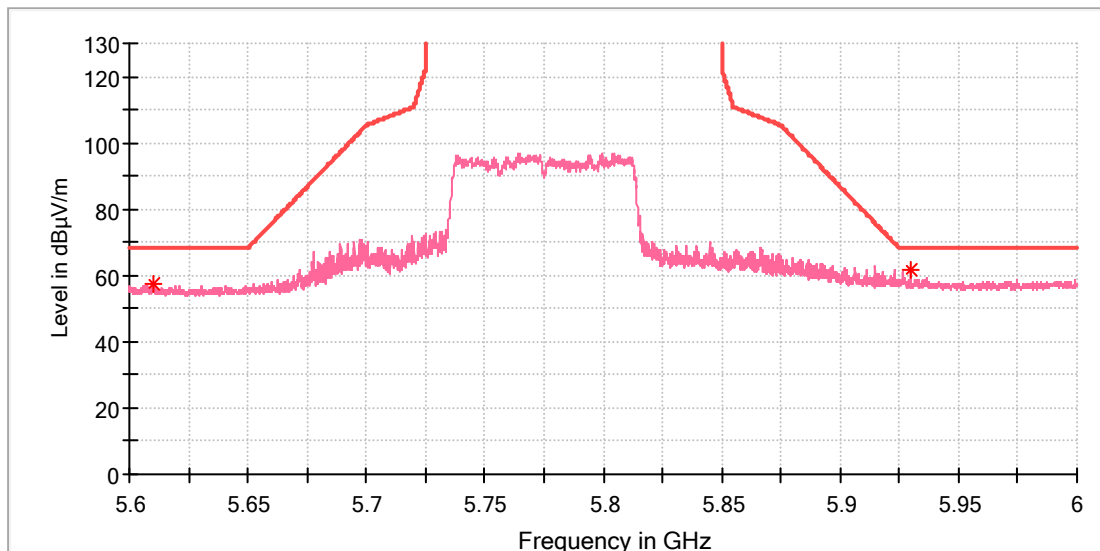
Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

Test Report

EUT Information

EUT Name: Nori Family Hub
Model: F15-FW-A1
Test Mode: WIFI 5G_11ac80_Ch155
Order No/Sample No: 27220425/A004228324-001
Test Voltage:: Adaptor
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5610.444445	57.16	68.20	11.04	150.0	V	0.0	15.3
5930.000000	61.41	68.20	6.79	150.0	V	251.0	16.2

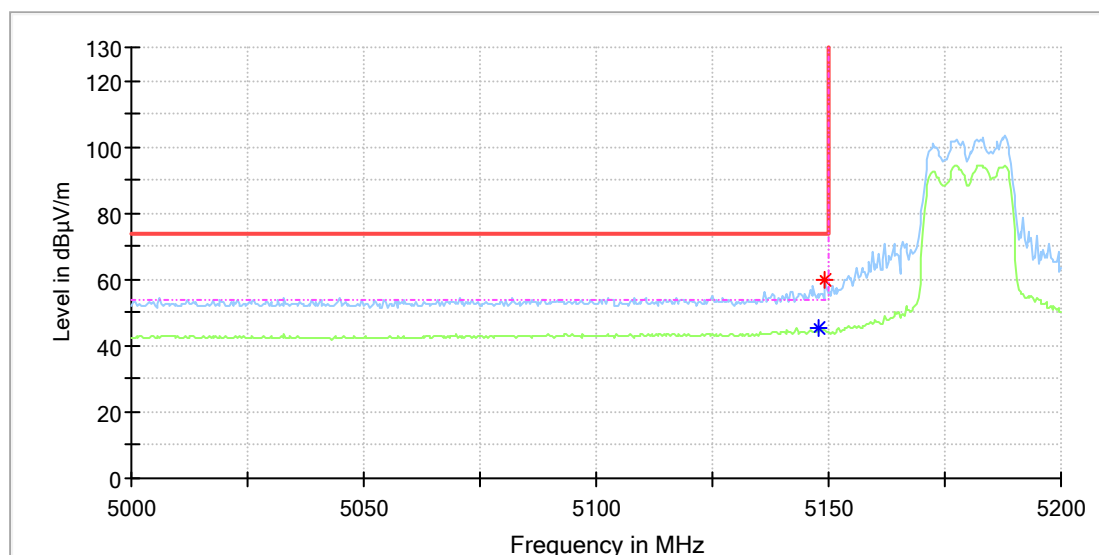
Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

Test Report

EUT Information

EUT Name:	Nori Family Hub
Model:	F15-FW-A1
Test Mode:	WIFI 5G_11n20_Ch36
Order No/Sample No:	27220425/A004228324-001
Test Voltage::	Adaptor
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5147.661111	---	45.61	54.00	8.39	150.0	H	267.0	13.9
5149.300000	59.76	---	74.00	14.24	150.0	H	146.0	13.9

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

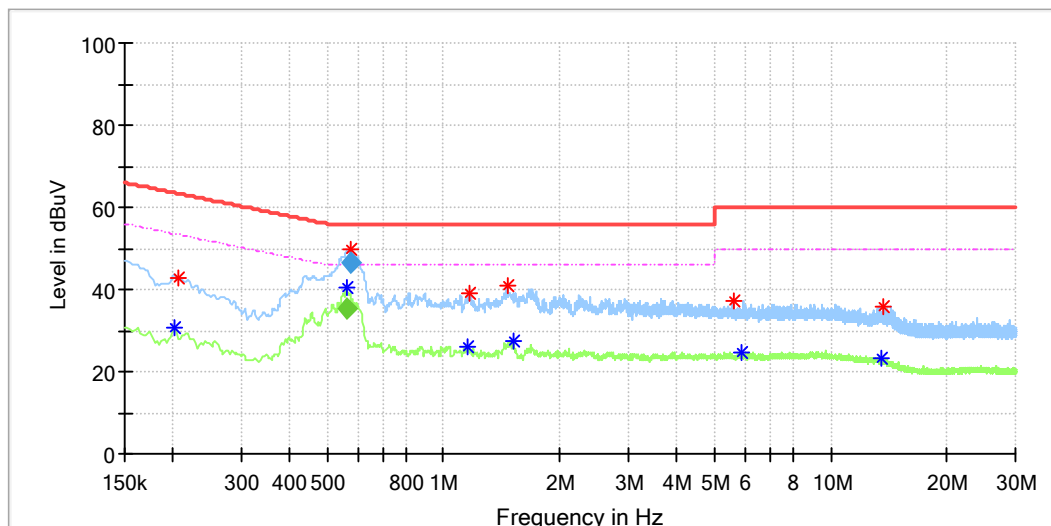
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Appendix A.3: Test Results of Conducted emissions of AC mains

Test Report

EUT Information

EUT Name:	Nori Family Hub
Order Number:	169856891
Model:	F15-FW-A1
Test Mode:	Powered by adapter+Displaying+Wifi connecting
Test Voltage:	AC 120V/ 60Hz
Test Standard:	FCC PART 15
Test By:/Review By:	Brain Zhang / Charlie Zha
Tem./Hum./Pressure:	24.0°C/51.1%/101kPa
Remark:	SR 3



Critical Freqs

Frequency (MHz)	MaxPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)
0.202	---	30.8	53.52	22.74	L1	9.7
0.207	42.8	---	63.32	20.48	L1	9.7
0.560	---	40.4	46.00	5.62	L1	9.6
0.575	49.7	---	56.00	6.33	L1	9.6
1.155	---	26.2	46.00	19.84	L1	9.6
1.165	39.1	---	56.00	16.89	L1	9.6
1.458	40.9	---	56.00	15.08	L1	9.6
1.516	---	27.4	46.00	18.60	L1	9.6
5.615	37.1	---	60.00	22.89	L1	9.8
5.881	---	24.8	50.00	25.24	L1	9.8
13.485	---	23.5	50.00	26.53	L1	9.6
13.660	35.8	---	60.00	24.18	L1	9.6

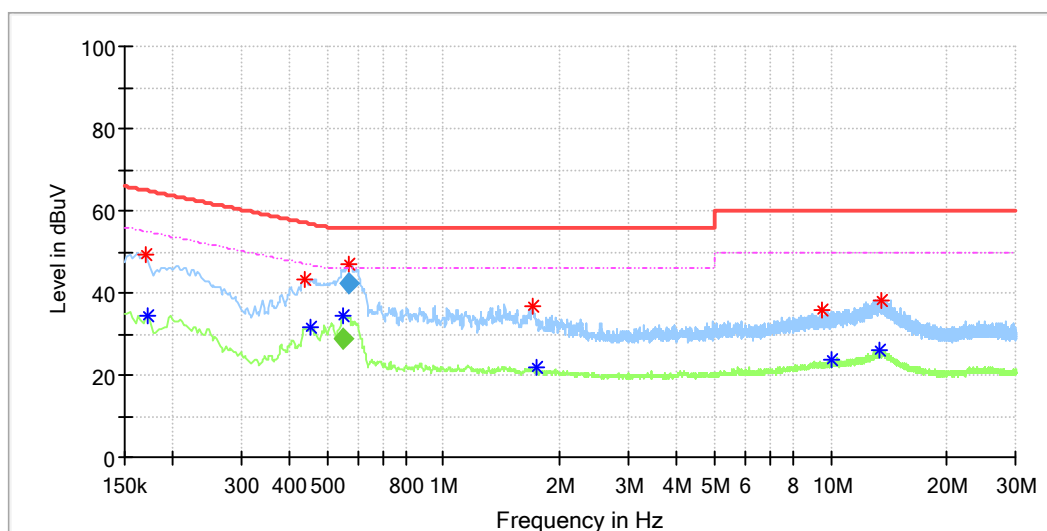
Final Result

Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.560	---	35.2	46.00	10.80	1000.0	9.0	L1	9.6
0.575	46.3	---	56.00	9.70	1000.0	9.0	L1	9.6

Test Report

EUT Information

EUT Name:	Nori Family Hub
Order Number:	169856891
Model:	F15-FW-A1
Test Mode:	Powered by adapter+Displaying+Wifi connecting
Test Voltage:	AC 120V/ 60Hz
Test Standard:	FCC PART 15
Test By:/Review By:	Brain Zhang / Charlie Zha
Tem./Hum./Pressure:	24.0°C/51.1%/101kPa
Remark:	SR 3



Critical Freqs

Frequency (MHz)	MaxPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)
0.170	49.3	---	64.97	15.69	N	9.8
0.172	---	34.6	54.85	20.22	N	9.8
0.439	43.4	---	57.09	13.69	N	9.9
0.451	---	31.6	46.86	15.27	N	9.9
0.548	---	34.3	46.00	11.67	N	9.9
0.568	47.2	---	56.00	8.81	N	9.9
1.692	36.9	---	56.00	19.13	N	9.9
1.742	---	21.7	46.00	24.26	N	9.9
9.438	35.6	---	60.00	24.36	N	9.7
10.095	---	23.9	50.00	26.14	N	9.7
13.388	---	25.8	50.00	24.16	N	9.6
13.468	38.3	---	60.00	21.67	N	9.6

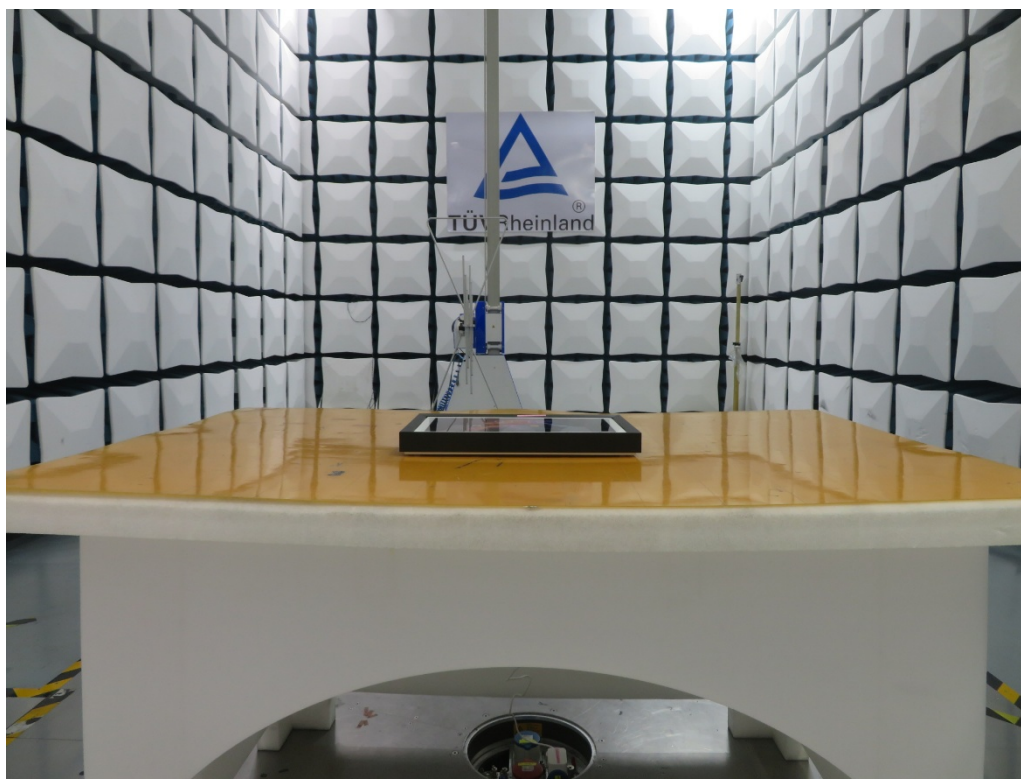
Final Result

Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.548	---	29.0	46.00	17.04	1000.0	9.0	N	9.9
0.568	42.4	---	56.00	13.63	1000.0	9.0	N	9.9

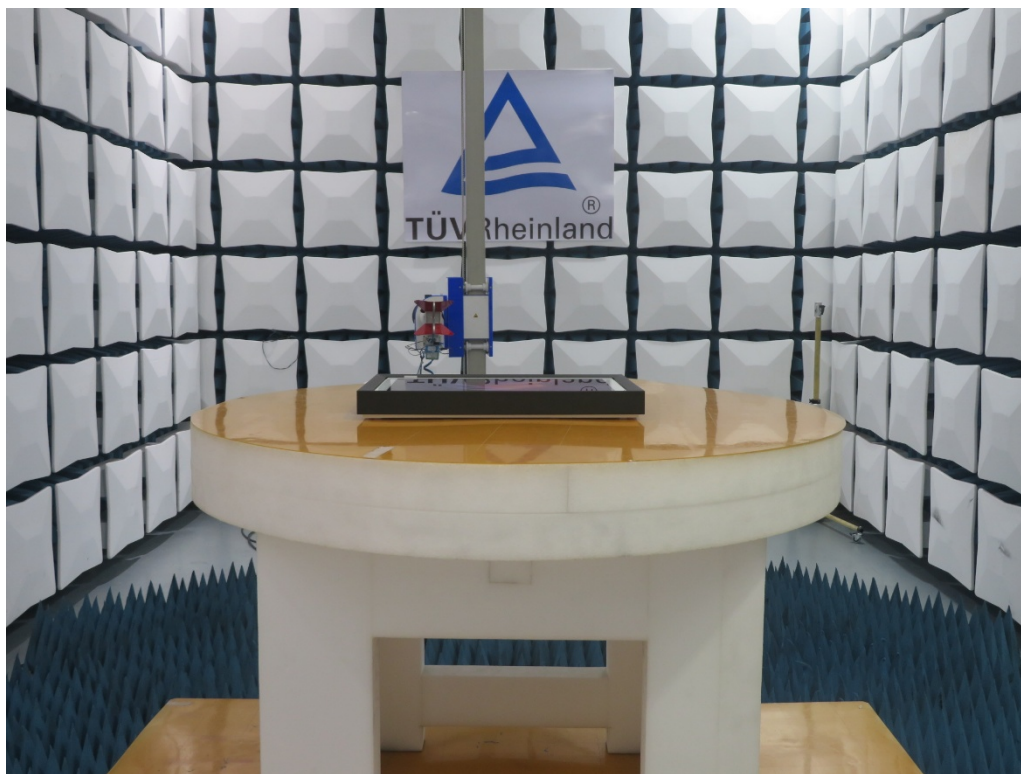
Appendix B: Photographs of the Test Set-Up

APPENDIX B: PHOTOGRAPHS OF THE TEST SET-UP	1
PHOTOGRAPH 1: SET-UP PHOTO FOR RADIATED SPURIOUS EMISSION, 30MHz - 1GHz	2
PHOTOGRAPH 2: SET-UP PHOTO FOR RADIATED SPURIOUS EMISSION, ABOVE 1GHz	2
PHOTOGRAPH 3: SET-UP PHOTO FOR AC CONDUCTED EMISSIONS	3

Photograph 1: Set-up photo for Radiated Spurious Emission, 30MHz - 1GHz



Photograph 2: Set-up photo for Radiated Spurious Emission, Above 1GHz



Photograph 3: Set-up photo for AC conducted emissions

