

Prüfbericht-Nr.: Test report no.:	CN25JRLS 005	Auftrags-Nr.: Order no.:	168581279	Seite 1 von 17 Page 1 of 17
Kunden-Referenz-Nr.: Client reference no.:	N/A	Auftragsdatum: Order date:	2025-10-28	
Auftraggeber: Client:	Fujian Newland Payment Technology Co.,Ltd. No. B602, Building #1, Haixia Jingmao Plaza, Fuzhou Bonded Area 350015, Fujian, China			
Prüfgegenstand: Test item:	Unattended Terminal			
Bezeichnung / Typ-Nr.: Identification / Type no.:	U200			
Auftrags-Inhalt: Order content:	Test Report			
Prüfgrundlage: Test specification:	CFR Title 47 FCC Part 15: Subpart C Section 15.225 RSS-210 Issue 11 June 2025 RSS-Gen Issue 5 February 2021			
Wareneingangsdatum: Date of sample receipt:	2025-10-31	Please refer to Photo Document		
Prüfmuster-Nr.: Test sample no:	A004122957-005~012 A004122977-005~013			
Prüfzeitraum: Testing period:	2025-12-20 - 2025-12-31			
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:	<u>X Bell Hu</u>		genehmigt von: authorized by:	<u>X Jonathan Li</u>
Datum: Date: 2026-01-19	Signed by: Bell Hu		Ausstellungsdatum: Issue date: 2026-01-19	Signed by: Jonathan Li
Stellung / Position:	Sachverständige(r)/Expert		Stellung / Position:	Sachverständige(r)/Expert
Sonstiges / Other:	FCC ID: 2AM6U-NAU200C, IC: 25226-NAU200C, HVIN: U6C_33_01_00_00, U6C_33_03_00_00 PMN: Unattended Terminal			
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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Anmerkungen
Remarks

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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>

Test Summary

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 20dB AND 99% BANDWIDTH

RESULT: Pass

5.1.3 FREQUENCY STABILITY

RESULT: Pass

5.1.4 RADIATED SPURIOUS EMISSION (IN-BAND & OUT-BAND EMISSIONS)

RESULT: Pass

5.1.5 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 NFC.

Appendix B: Photographs of the 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, China

A2LA Certificate Number: 5162.01

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Unwanted Emission Testing (TS9975)				
Equipment	Manufacturer	Model	Serial No.	Cal. until
EMI Test Receiver	R&S	ESR 7	102021	21.09.2026
Signal Analyzer	R&S	FSV 40	101439	21.09.2026
System Controller Interface	R&S	SCI-100	S10010038	N/A
Filterbank	R&S	Wlan	100759	21.09.2026
OSP	R&S	OSP 120	102040	N/A
Pre-amplifier	R&S	SCU08F1	08320031	21.09.2026
Amplifier	R&S	SCU-18F	180070	21.09.2026
Amplifier	R&S	SCU40A	100475	21.09.2026
Trilog Broadband Antenna (30 MHz - 7 GHz)	Schwarzbeck	VULB 9162	193	27.09.2026
Double-Ridged Antenna (1 -18 GHz)	ETS-LINDGREN	3117	00218717	27.09.2026
Wideband Ridged Horn Antenna (18-40 GHz)	Steatite	QMS-00880	19067	27.09.2026
Active Loop Antenna	Schwarzbeck	FMZB 1513	302	27.09.2026
Test software	R&S	EMC32 (V10.60.10)	N/A	N/A
Control PC	Dell	OptiPlex 7050	36NV9P2	N/A
3m Semi-Anechoic Chamber	Albatross	SAC-3m	APC17151-SAC	13.09.2027

Conducted Emission				
Equipment	Manufacturer	Model No.	Serial No.	Cal. Until
EMI Test Receiver	R&S	ESR3	102428	2026-07-18
Artificial Mains Network	R&S	ENV432	101546	2026-02-09
EMC32 Test Software	R&S	EMC32(Ver.10.60.20)	N/A	N/A
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

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, 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 Unattended Terminal which supports Bluetooth, 2.4GHz Wi-Fi, 5GHz Wi-Fi, LTE and NFC functions.

This report is for NFC operation only.

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:	Unattended Terminal
Type Designation:	U200
FCC ID:	2AM6U-NAU200C
IC:	25226-NAU200C
HVIN:	U6C_33_01_00_00, U6C_33_03_00_00 The differences between the two configurations is that the U6C_33_01_00_00 has one more brightness sensor, which has no impact on RF characteristics at all. And this difference was evaluated in EMC test.
PMN:	Unattended Terminal
Operating Voltage:	DC 7-48V
Testing Voltage:	DC 12V via the AC/DC adapter (AC 120V, 60Hz)
Technical Specification of NFC	
Operating Frequency:	13.56MHz
Type of Modulation:	ASK
Antenna Type:	Integral Antenna
Number of Antenna:	1

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, NFC transmitting mode
- B. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

- Application Form
- ID Label and Location Info
- User Manual
- Operation Description

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 and ANSI C63.10:2020+ Cor. 1:2023+ C63.10a:2024.

According to clause 3.1, all tests were performed on model *U200* in this report.

4.3 Special Accessories and Auxiliary Equipment

Table 4: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	Serial Number
Laptop	Lenovo	T480	PF-16A6N8
SWITCHING ADAPTER	SHENZHEN HONOR ELECTRONIC CO.,LTD.	ADS-25SGP-12 12024E	Input: 100-240V AC Output: 12V/2A

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 30MHz)

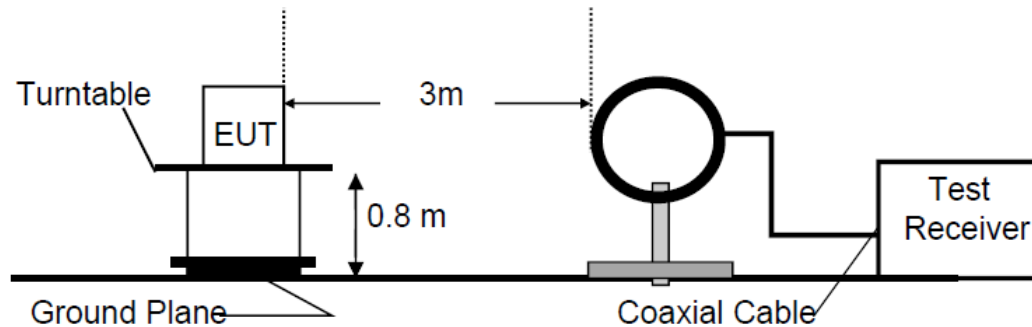


Diagram of Measurement Configuration for Radiation Test (30MHz to 1GHz)

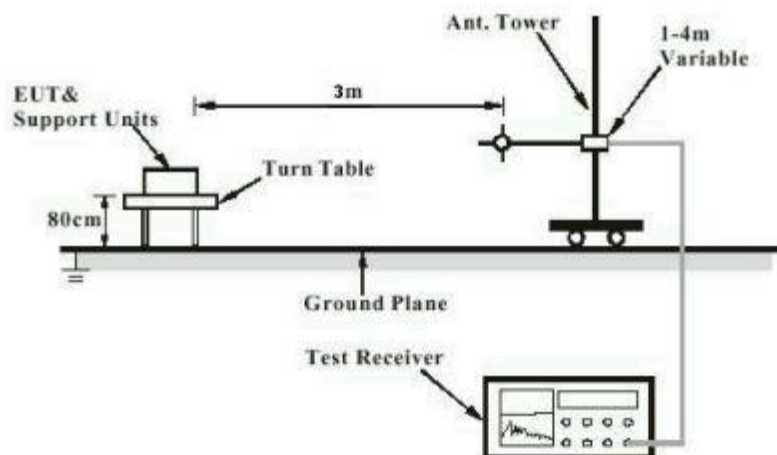
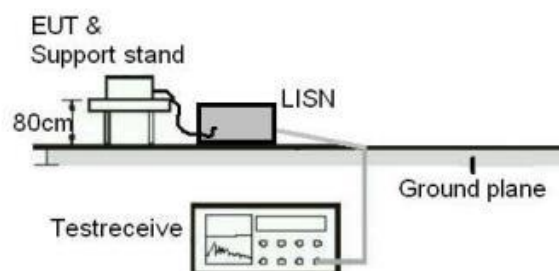


Diagram of Measurement Configuration for Mains Conduction Measurement



5 Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:

Pass

Test Specification

Test standard : FCC Part 15.203
RSS-Gen Section 6.8

According to the manufacturer declared, the EUT has a Coil Antenna, the antenna connector is designed with permanent attachment and no consideration of replacement.

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 20dB and 99% Bandwidth

RESULT:

Pass

Test Specification

Test standard : FCC Part 15.215 (c)
RSS-Gen Section 6.7
Basic standard : ANSI C63.10
Limits : Within assigned band
Kind of test site : Shielded Room

Test Setup

Date of testing : 2025-12-20 - 2025-12-31
Input voltage : DC12 V
Operation mode : A
Ambient temperature : 22 °C
Relative humidity : 52 %
Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix A.

5.1.3 Frequency Stability

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

Test standard	: FCC Part 15.225 (e) RSS-210, Annex B.6
Basic standard	: ANSI C63.10
Limits	: $\pm 0.01\%$ of Operating Frequency (1.356 kHz)
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2025-12-20 - 2025-12-31
Input voltage	: DC12V
Operation mode	: A
Ambient temperature	: 22 °C
Relative humidity	: 52 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A.

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Page 15 of 17**5.1.4 Radiated Spurious Emission (In-Band & Out-Band Emissions)****RESULT:****Pass****Test Specification**

Test standard : FCC Part 15.225 (a)(b)(c)(d)
FCC Part 15.209 & 15.205
RSS-210 Section B.6

Basic standard : ANSI C63.10

Limits : Refer to FCC Part 15.209(a)
RSS-210 Section B.6 & RSS-Gen Section 8.9

Kind of test site : 3m Semi-anechoic Chamber

Test Setup

Date of testing : 2025-12-20 - 2025-12-31

Input voltage : DC12V

Operation mode : A

Ambient temperature : Refer to test result

Relative humidity : Refer to test result

Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix A.

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5.1.5 Conducted Emission on AC Mains

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

Test standard	: FCC Part 15.207(a) RSS-Gen Section 8.8
Basic standard	: ANSI C63.10
Frequency range	: 0.15 – 30MHz
Limits	: FCC Part 15.207(a) RSS-Gen Table 4
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2025-12-20 - 2025-12-31
Input voltage	: DC12V (via AC/DC adapter, AC 120V)
Operation mode	: A
Ambient temperature	: 24.0 °C
Relative humidity	: 50.4 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A.

6 Photographs of the Test Set-Up

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

7 List of Tables

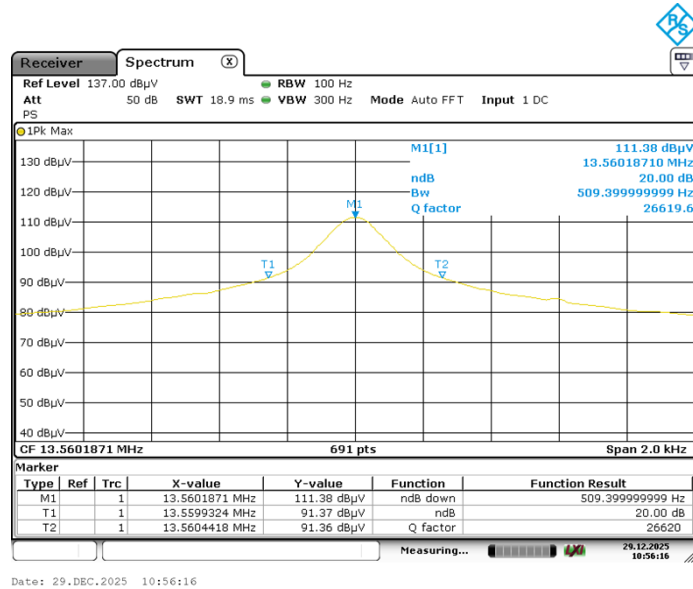
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Appendix A: Test Results of RF ID

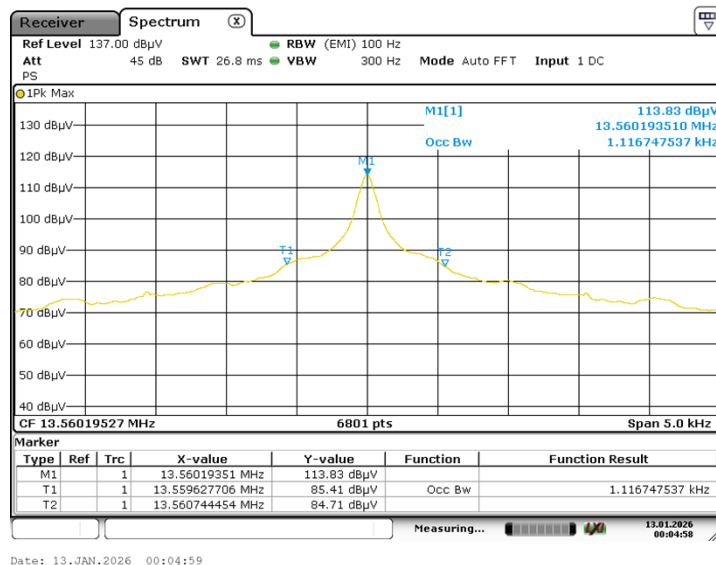
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Appendix A.1: Test Results of 20dB Bandwidth and 99% Bandwidth

Test Frequency (MHz)	20dB Bandwidth (KHz)	F _L (MHz)	F _H (MHz)	Limit (MHz)	Result
13.56	0.509	13.55993	13.56044	13.553-13.567	Pass



Test Frequency (MHz)	99% Bandwidth (KHz)	F _L (MHz)	F _H (MHz)	Limit (MHz)	Result
13.56	1.117	13.5596	13.5607	13.553-13.567	Pass



Appendix A.2: Test Results of Frequency Tolerance

Test Frequency (MHz)	Test Conditions		Test Results (KHz)	Deviation (KHz)	Limit (KHz)	Result
	Temp(°C)	Volt(V AC)				
13.56	-20	Normal	13560.272	0.272	±0.01% (1.356 KHz)	Pass
	-10	Normal	13560.166	0.166		Pass
	0	Normal	13560.726	0.726		Pass
	10	Normal	13560.091	0.091		Pass
	20	Normal	13560.198	0.198		Pass
	30	Normal	13560.248	0.248		Pass
	40	Normal	13560.120	0.12		Pass
	50	Normal	13560.138	0.138		Pass
	20	Normal *0.85	13560.145	0.145		Pass
		Normal *1.15	13560.165	0.165		Pass

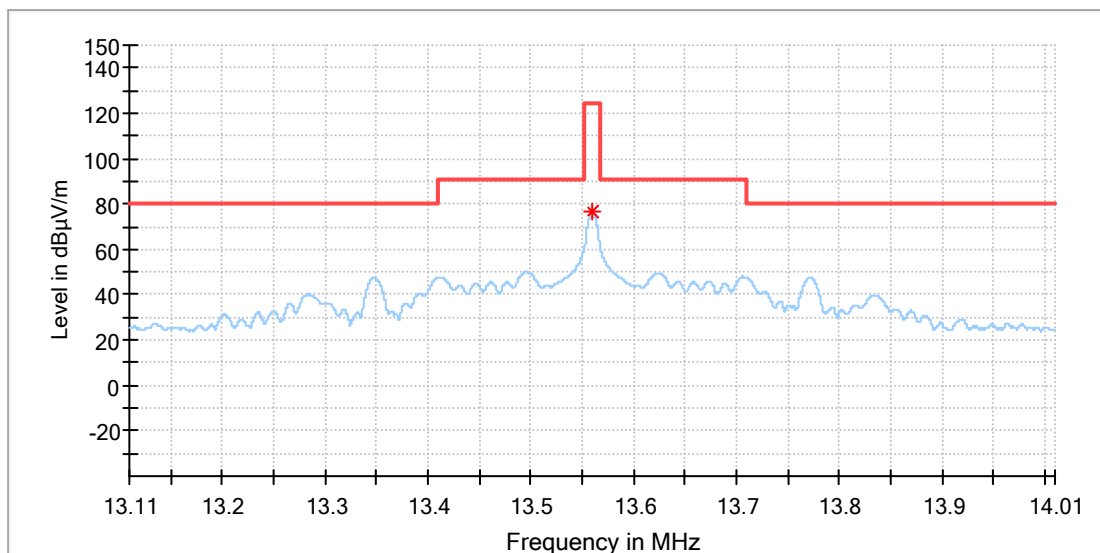
Note: Deviation (kHz) = (Test Result-13.56MHz)*1000

Appendix A.3: Test Results of Radiated Spurious Emission (In-Band & Out-Band Emissions)

Fundamental

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	NFC
Order No/Sample No:	168581279/A004122977-005
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.225
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

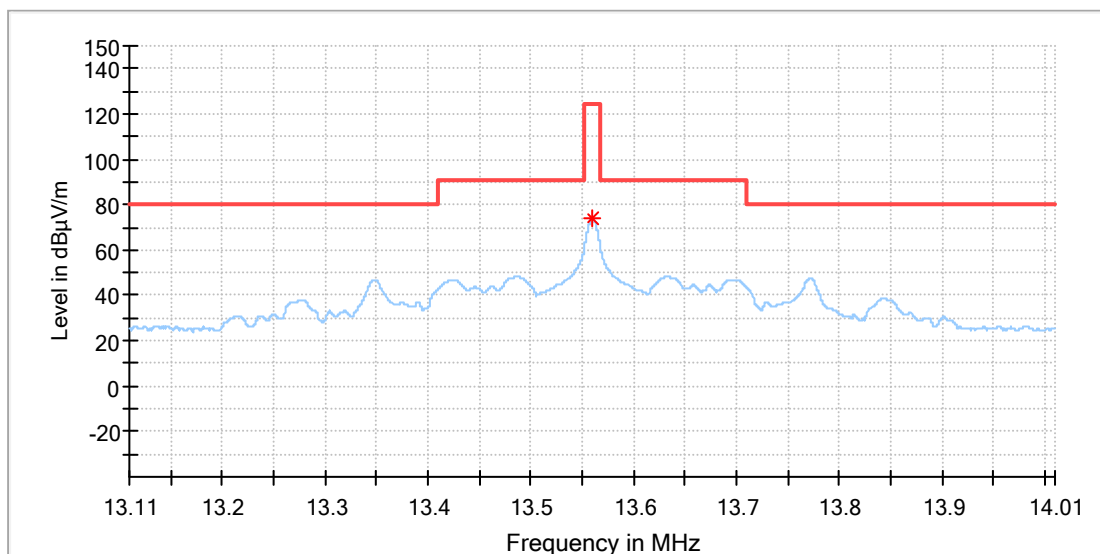
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
13.560265	76.44	124.00	47.56	100.0	X	12.0	20.0

Final Result

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

EUT Information

EUT Name: Unattended Terminal
Model: U200
Test Mode: NFC
Order No/Sample No: 168581279/A004122977-005
Test Voltage:: Adaptor
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.225
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

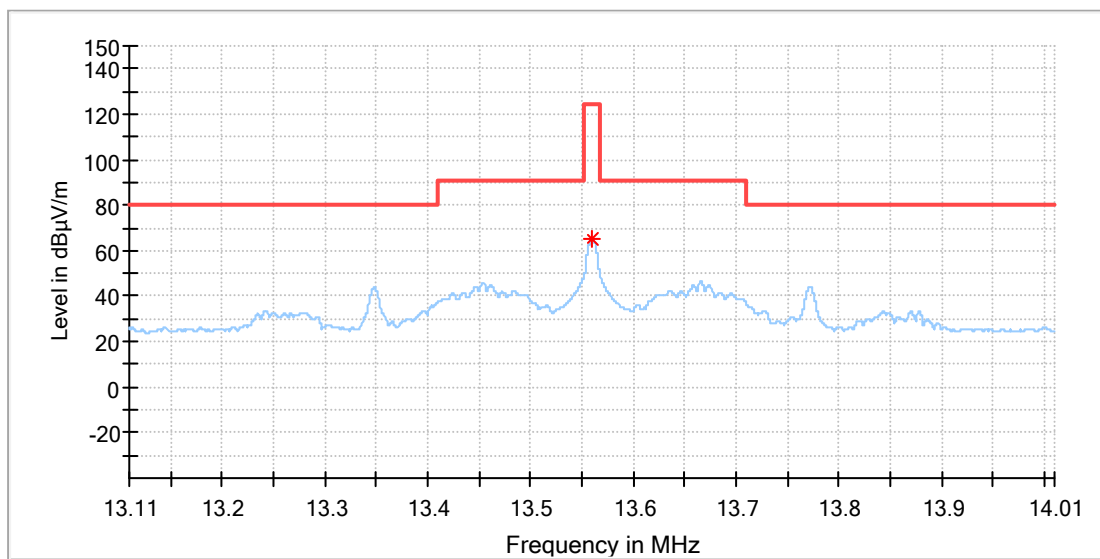
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
13.560132	74.34	124.00	49.66	100.0	Y	260.0	20.0

Final_Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	NFC
Order No/Sample No:	168581279/A004122977-005
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.225
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)
13.560132	65.48	124.00	58.52	100.0	Z	163.0	20.0

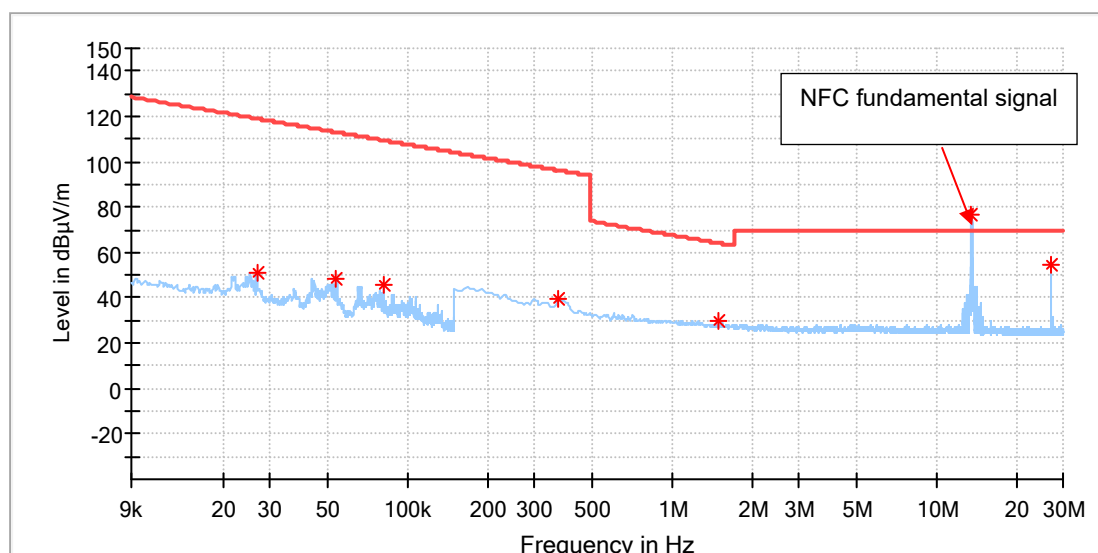
Final Result

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

9KHz – 30MHz

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	NFC
Order No/Sample No:	168581279/A004122977-005
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.225
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)
0.026826	51.46	119.02	67.56	100.0	X	118.0	19.9
0.053717	48.29	112.99	64.70	100.0	X	118.0	19.9
0.080608	46.11	109.47	63.36	100.0	X	87.0	19.9
0.369485	39.49	96.25	56.76	100.0	X	140.0	19.9
1.497640	29.49	64.12	34.64	100.0	X	311.0	20.0
*13.560552	76.55	/	/	100.0	X	181.0	20.3
27.120353	54.82	69.50	14.68	100.0	X	294.0	20.5

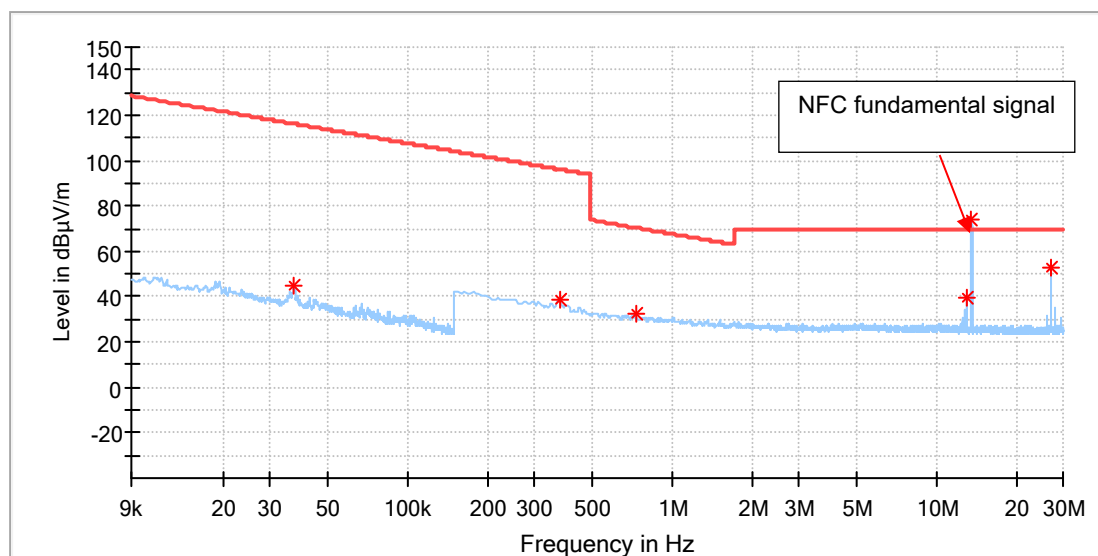
*The NFC fundamental signal

Final_Result

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

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	NFC
Order No/Sample No:	168581279/A004122977-005
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.225
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)
0.036898	44.57	116.25	71.69	100.0	Y	61.0	19.9
0.373875	38.62	96.15	57.52	100.0	Y	228.0	19.9
0.725052	32.69	70.41	37.72	100.0	Y	217.0	19.9
12.924044	39.98	69.50	29.52	100.0	Y	244.0	20.3
*13.560552	73.63	/	/	100.0	Y	244.0	20.3
27.120353	52.71	69.50	16.79	100.0	Y	244.0	20.5

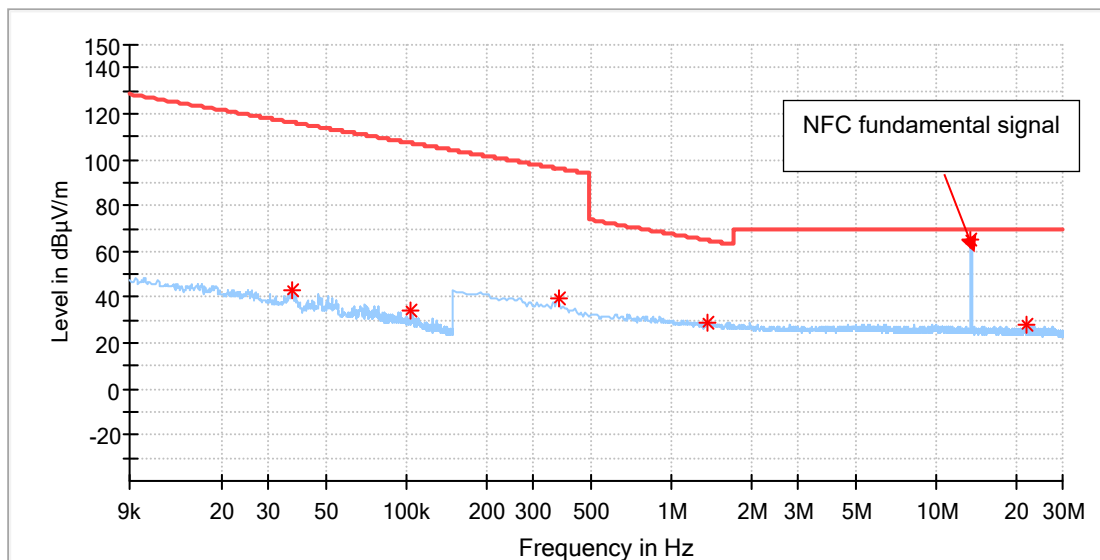
*The NFC fundamental signal

Final_Result

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

EUT Name: Unattended Terminal
Model: U200
Test Mode: NFC
Order No/Sample No: 168581279/A004122977-005
Test Voltage:: Adaptor
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.225
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)
0.037099	43.48	116.20	72.72	100.0	Z	104.0	19.9
0.104376	34.62	107.22	72.61	100.0	Z	207.0	19.9
0.373875	39.20	96.15	56.95	100.0	Z	130.0	19.9
1.374728	29.12	64.87	35.75	100.0	Z	227.0	19.9
*13.560552	65.44	/	/	100.0	Z	157.0	20.3
22.089750	28.07	69.50	41.43	100.0	Z	19.0	20.4

*The NFC fundamental signal

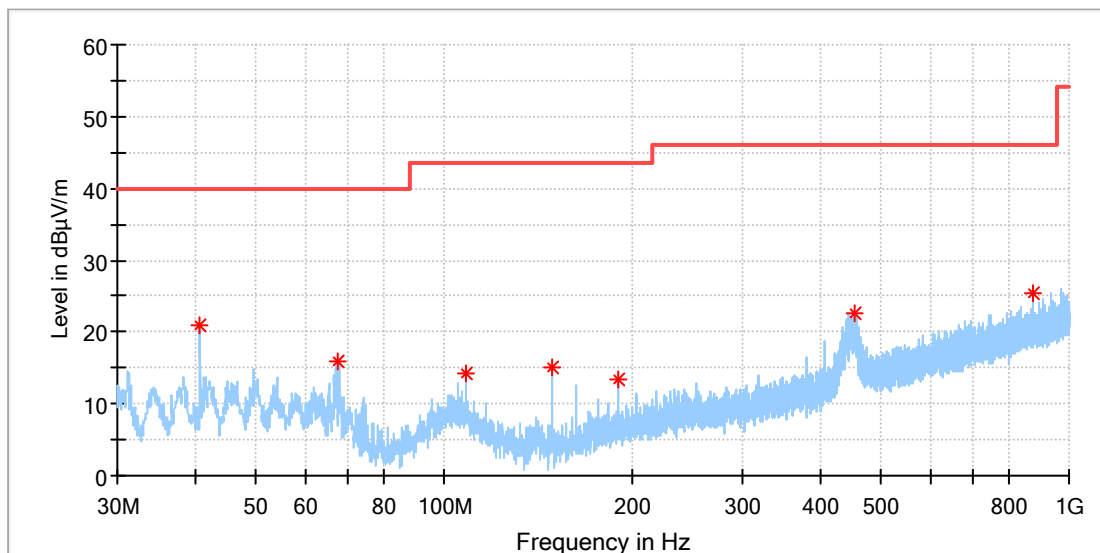
Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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30MHz - 1GHz

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	NFC
Order No/Sample No:	168581279/A004122977-005
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.225
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

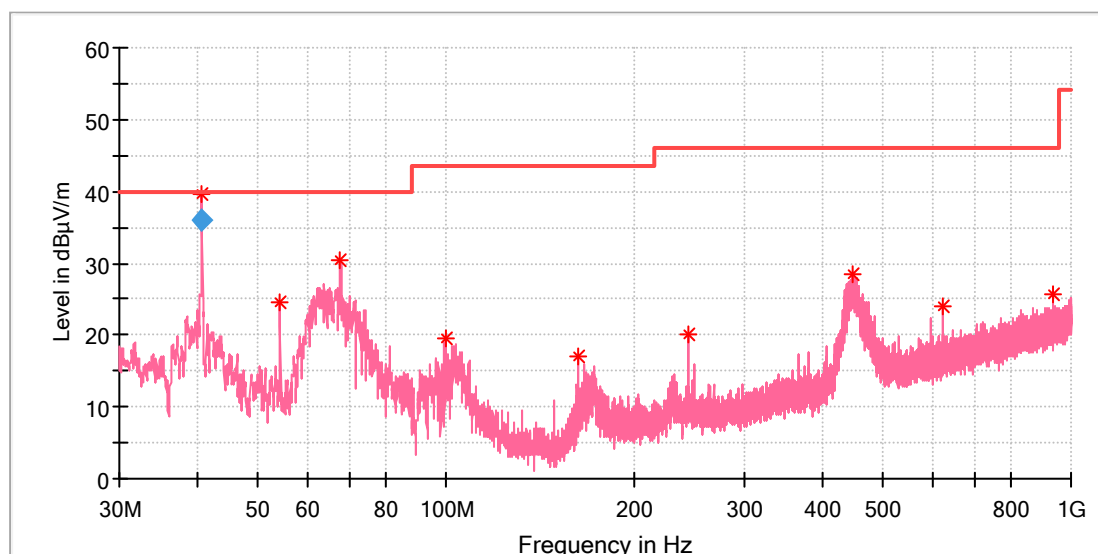
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
40.670000	21.01	40.00	18.99	100.0	H	73.0	-20.0
67.776111	15.82	40.00	24.18	100.0	H	226.0	-21.2
108.462222	14.35	43.50	29.15	100.0	H	138.0	-19.1
149.148333	14.96	43.50	28.54	100.0	H	192.0	-22.3
189.834444	13.27	43.50	30.23	100.0	H	40.0	-19.7
454.159444	22.60	46.00	23.40	100.0	H	254.0	-12.7
875.031667	25.39	46.00	20.61	100.0	H	240.0	-5.1

Final Result

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

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	NFC
Order No/Sample No:	168581279/A004122977-005
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.225
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)
40.670000	39.60	40.00	0.40	100.0	V	83.0	-20.0
54.250000	24.65	40.00	15.35	100.0	V	247.0	-18.5
67.776111	30.55	40.00	9.45	100.0	V	83.0	-21.2
99.786111	19.53	43.50	23.97	100.0	V	189.0	-19.1
162.728333	16.94	43.50	26.57	100.0	V	28.0	-21.7
244.100556	19.99	46.00	26.01	100.0	V	277.0	-17.6
446.345556	28.55	46.00	17.45	100.0	V	326.0	-12.8
623.801667	24.10	46.00	21.90	100.0	V	203.0	-9.2
936.950000	25.73	46.00	20.27	100.0	V	152.0	-4.4

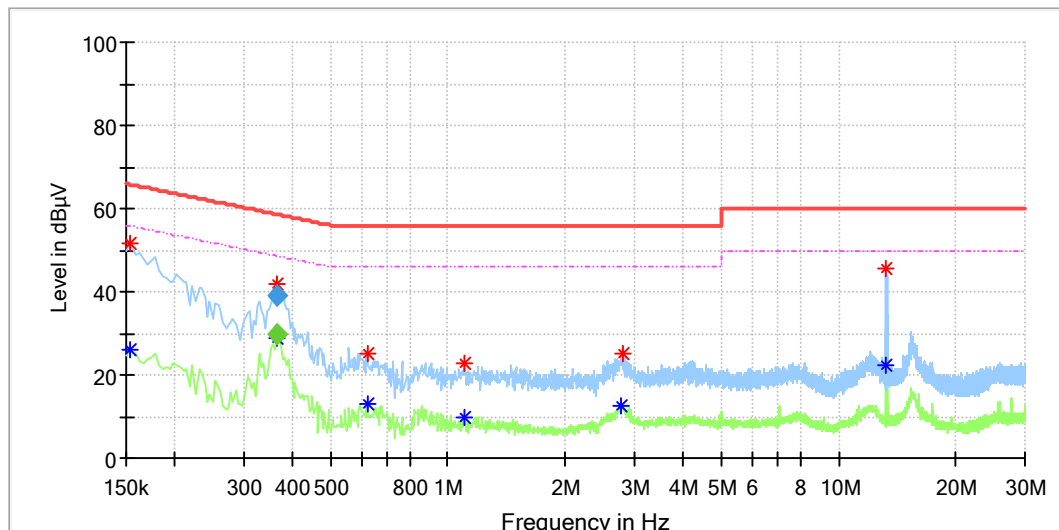
Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
40.651178	35.89	40.00	4.11	100.0	V	82.0	-20.0

Appendix A.4: Test Results of Conducted Emissions on AC Mains

EUT Information

EUT Name: Unattended Terminal
Order Number: 168581279(P02162052)
Model: U200
Test Mode: Normal working with Wi-Fi & Bluetooth & LTE connecting+ NFC in active
Test Voltage: AC 120V/60Hz
Test Standard: FCC Part 15C
Test By:/Review By: Junhua Sun/ Murphy Chen
Tem./Hum./Pressure: 24.3°C/51.0%/101kPa
Remark: SR2



Critical Freqs

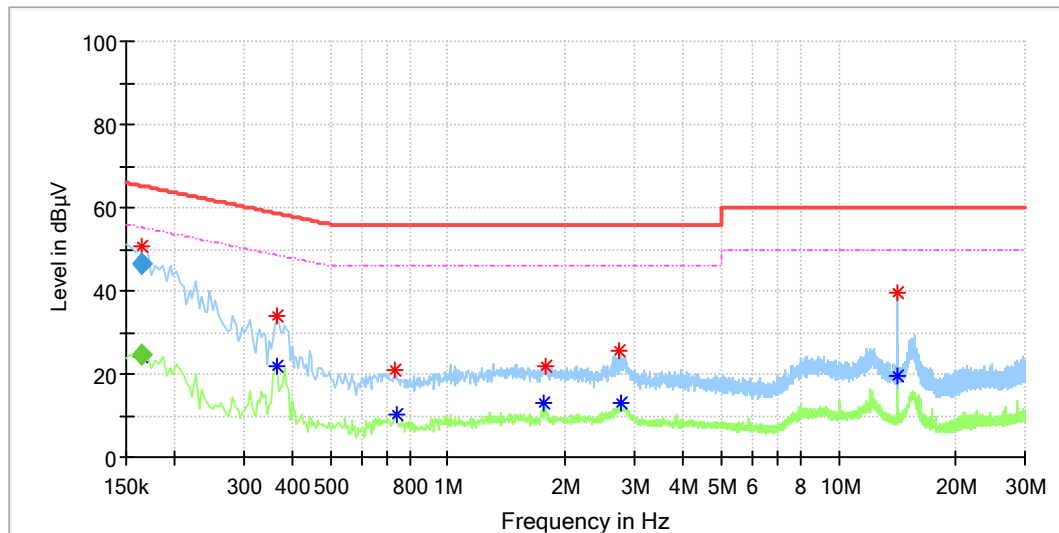
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.15	---	25.89	55.78	29.89	L1	10.24
0.15	51.45	---	65.78	14.34	L1	10.24
0.36	41.84	---	58.50	16.66	L1	10.25
0.36	---	28.90	48.50	19.60	L1	10.25
0.62	---	13.00	46.00	33.00	L1	10.27
0.62	24.95	---	56.00	31.05	L1	10.27
1.10	---	9.71	46.00	36.29	L1	10.28
1.10	22.87	---	56.00	33.13	L1	10.28
2.78	---	12.56	46.00	33.44	L1	10.33
2.79	25.20	---	56.00	30.80	L1	10.33
13.25	---	22.12	50.00	27.88	L1	10.73
13.25	45.80	---	60.00	14.20	L1	10.73

Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.36	---	29.90	48.63	18.72	1000.00	9.00	L1	10.25
0.36	39.00	---	58.63	19.62	1000.00	9.00	L1	10.25

EUT Information

EUT Name: Unattended Terminal
Order Number: 168581279(P02162052)
Model: U200
Test Mode: Normal working with Wi-Fi & Bluetooth & LTE connecting+ NFC in active
Test Voltage: AC 120V/60Hz
Test Standard: FCC Part 15C
Test By:/Review By: Junhua Sun/ Murphy Chen
Tem./Hum./Pressure: 24.3°C/51.0%/101kPa
Remark: SR2



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.16	---	24.26	54.96	30.70	N	10.25
0.16	50.54	---	65.16	14.62	N	10.25
0.37	---	22.02	48.59	26.57	N	10.26
0.37	33.74	---	58.59	24.85	N	10.26
0.73	20.73	---	56.00	35.27	N	10.29
0.74	---	10.01	46.00	35.99	N	10.29
1.76	---	12.91	46.00	33.09	N	10.31
1.77	22.06	---	56.00	33.94	N	10.31
2.75	25.42	---	56.00	30.58	N	10.33
2.77	---	12.85	46.00	33.15	N	10.33
14.19	---	19.64	50.00	30.36	N	10.72
14.19	39.47	---	60.00	20.53	N	10.72

Final Result

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.16	---	24.44	55.23	30.79	1000.00	9.00	N	10.25
0.16	46.71	---	65.23	18.52	1000.00	9.00	N	10.25