

Prüfbericht-Nr.: <i>Test report no.:</i>	CN25JRLS 003	Auftrags-Nr.: <i>Order no.:</i>	168581279	Seite 1 von 22 Page 1 of 22
Kunden-Referenz-Nr.: <i>Client reference no.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	2025-10-28	
Auftraggeber: <i>Client:</i>	Fujian Newland Payment Technology Co.,Ltd. No. B602, Building #1, Haixia Jingmao Plaza, Fuzhou Bonded Area 350015, Fujian, China			
Prüfgegenstand: <i>Test item:</i>	Unattended Terminal			
Bezeichnung / Typ-Nr.: <i>Identification / Type no.:</i>	U200			
Auftrags-Inhalt: <i>Order content:</i>	Test Report			
Prüfgrundlage: <i>Test specification:</i>	CFR Title 47 FCC Part 15: Subpart E Section 15.407		RSS-247 Issue 4 July 2025 RSS-Gen Issue 5 February 2021	
Wareneingangsdatum: <i>Date of sample receipt:</i>	2025-10-31	Please refer to Photo Document		
Prüfmuster-Nr.: <i>Test sample no:</i>	A004122957-005~012 A004122977-005~013			
Prüfzeitraum: <i>Testing period:</i>	2025-11-20 - 2025-11-28			
Ort der Prüfung: <i>Place of testing:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von: <i>tested by:</i>	<u>x Bell Hu</u> Signed by: Bell Hu		genehmigt von: <i>authorized by:</i>	<u>X Lin Lin</u> Signed by: Lin Lin
Datum: <i>Date:</i>	2026-01-14		Ausstellungsdatum: <i>Issue date:</i>	2026-01-14
Stellung / Position:	Sachverständige(r)/Expert		Stellung / Position:	Sachverständige(r)/Expert
Sonstiges / <i>Other:</i>	FCC ID: 2AM6U-NAU200C, IC: 25226-NAU200C, HVIN: U6_33_01_00_00, U6_33_03_00_00 PMN: Unattended Terminal This device contains certificated Smart LTE Module with Wi-Fi & Bluetooth (Mode: SC200E-NA, FCC ID: XMR2024SC200ENA, IC: 10224A-024SC200ENA). It's under a new Certification application and the test data for conducted antenna port in this report is cited from the originally granted module, according to KDB 996369 D02 (b). This report is for 5GHz Wi-Fi.			
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>	Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>			
* 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>				

Prüfbericht-Nr.: CN25JRLS 003
Test report no.:

Seite 2 von 22
Page 2 of 22

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 Prüfkonditionen, 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>
2	Wie vertraglich vereinbart, wurde dieses Dokument nur digital unterzeichnet. Der TÜV Rheinland hat nicht überprüft, welche rechtlichen oder sonstigen diesbezüglichen Anforderungen für dieses Dokument gelten. Diese Überprüfung liegt in der Verantwortung des Benutzers dieses Dokuments. Auf Verlangen des Kunden kann der TÜV Rheinland die Gültigkeit der digitalen Signatur durch ein gesondertes Dokument bestätigen. Diese Anfrage ist an unseren Vertrieb zu richten. Eine Umweltgebühr für einen solchen zusätzlichen Service wird erhoben. Informationen zur Verifizierung der Authentizität unserer Dokumente erhalten Sie auf folgender Webseite: go.tuv.com/digital-signature <i>As contractually agreed, this document has been signed digitally only. TUV Rheinland has not verified and unable to verify which legal or other pertaining requirements are applicable for this document. Such verification is within the responsibility of the user of this document. Upon request by its client, TUV Rheinland can confirm the validity of the digital signature by a separate document. Such request shall be addressed to our Sales department. An environmental fee for such additional service will be charged. For information on verifying the authenticity of our documents, please visit the following website: go.tuv.com/digital-signature</i>
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>

Prüfbericht - Nr.: CN25JRLS 003
Test Report No.:

Seite 3 von 22
Page 3 of 22

Test Summary

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 MAXIMUM OUTPUT POWER

RESULT: Pass

5.1.3 RADIATED SPURIOUS EMISSION (5GHz Wi-Fi)

RESULT: Pass

Contents

1	GENERAL REMARKS	5
1.1	COMPLEMENTARY MATERIALS.....	5
2	TEST SITES.....	6
2.1	TEST FACILITIES	6
2.2	LIST OF TEST AND MEASUREMENT INSTRUMENTS	6
2.3	TRACEABILITY	6
2.4	CALIBRATION.....	7
2.5	MEASUREMENT UNCERTAINTY	7
2.6	LOCATION OF ORIGINAL DATA	7
2.7	STATUS OF FACILITY USED FOR TESTING	7
3	GENERAL PRODUCT INFORMATION	8
3.1	PRODUCT FUNCTION AND INTENDED USE	8
3.2	RATINGS AND SYSTEM DETAILS.....	8
3.3	INDEPENDENT OPERATION MODES.....	10
3.4	NOISE GENERATING AND NOISE SUPPRESSING PARTS	10
3.5	SUBMITTED DOCUMENTS.....	10
4	TEST SET-UP AND OPERATION MODES.....	11
4.1	PRINCIPLE OF CONFIGURATION SELECTION	11
4.2	TEST OPERATION AND TEST SOFTWARE	11
4.3	SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT	11
4.4	COUNTERMEASURES TO ACHIEVE EMC COMPLIANCE	11
4.5	TEST SETUP DIAGRAM	12
5	TEST RESULTS	14
5.1	TRANSMITTER REQUIREMENT & TEST SUITES.....	14
5.1.1	Antenna Requirement.....	14
5.1.2	Maximum Output Power.....	15
5.1.3	Radiated Spurious Emission (5GHz Wi-Fi)	21
6	PHOTOGRAPHS OF THE TEST SET-UP	22
7	LIST OF TABLES.....	22

Prüfbericht - Nr.: CN25JRLS 003
Test Report No.:

Seite 5 von 22
Page 5 of 22

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.

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, China

FCC Accreditation Designation No.: 694916

ISED wireless device testing laboratory: 25069

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. Date	Cal. until
EMI Test Receiver	R&S	ESR 7	102021	2025-09-22	2026-09-21
Signal Analyzer	R&S	FSV 40	101439	2025-09-22	2026-09-21
System Controller Interface	R&S	SCI-100	S10010038	N/A	N/A
Filterbank	R&S	Wlan	100759	2025-09-22	2026-09-21
OSP	R&S	OSP 120	102040	N/A	N/A
Pre-amplifier	R&S	SCU08F1	08320031	2025-09-22	2026-09-21
Amplifier	R&S	SCU-18F	180070	2025-09-22	2026-09-21
Amplifier	R&S	SCU40A	100475	2025-09-22	2026-09-21
Trilog Broadband Antenna (30 MHz - 7 GHz)	Schwarzbeck	VULB 9162	193	2024-09-28	2026-09-27
Double-Ridged Antenna (1-18 GHz)	ETS-LINDGREN	3117	00218717	2024-09-28	2026-09-27
Wideband Ridged Horn Antenna (18-40 GHz)	Steatite	QMS-00880	19067	2024-09-28	2026-09-27
Active Loop Antenna	Schwarzbeck	FMZB 1513	302	2024-09-28	2026-09-27
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	2024-09-14	2027-09-13

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.

Prüfbericht - Nr.: CN25JRLS 003
Test Report No.:Seite 7 von 22
Page 7 of 22

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)
All emissions, radiated	± 4.17 dB

2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix A & B & C 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 LTE, Bluetooth, 2.4GHz Wi-Fi, 5GHz Wi-Fi and NFC functions.

This report is for 5GHz Wi-Fi.

This device contains certificated Smart LTE Module with Wi-Fi & Bluetooth (Mode: SC200E-NA, FCC ID: XMR2024SC200ENA, IC: 10224A-024SC200ENA). It's under a new Certification application and the test data for conducted antenna port in this report is cited from the originally granted module, according to KDB 996369 D02 (b).

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

Items	Antenna information	Remark
Module SC200E-NA	Antenna: (Refer to the module reports) 2400 MHz ~ 2483.5 MHz: 0.47 dBi 5150MHz to 5250MHz: -0.67dBi 5250MHz to 5350MHz: -0.19dBi 5470MHz to 5725MHz: 1.28dBi 5725MHz to 5850MHz: 1.10dBi	1. It verified that, except for the antennas, there is no other change made on the module when it installed into the Unattended Terminal. There are no evident variations on RF conducted signals, the conducted power kept in matching with original module.
Unattended Terminal	Antenna: (provided by the client) 2400 MHz ~ 2483.5 MHz: 1.9 dBi 5150MHz to 5250MHz: -0.01dBi 5250MHz to 5350MHz: 0.73dBi 5470MHz to 5725MHz: 2.86dBi 5725MHz to 5850MHz: 2.94dBi	2. Comparing with the module antennas, the maximum gains for all the antennas get higher, and it verified that the final Maximum EIRP and EIRP PSD are compliant under the new antenna gain. 3. To guarantee the compliance, the RSE were re-tested, as for other test items, please refer the module reports.

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 Bluetooth (dual mode)	
Operating Frequency:	2402 MHz to 2480 MHz

Type of Modulation:	GFSK, $\pi/4$ -DQPSK, 8DPSK
Channel Number:	BR & EDR mode:79 channels, Low Energy mode:40 channels
Channel Separation:	BR & EDR mode:1MHz, Low Energy mode:2MHz
Data Rate:	BR & EDR mode: 1Mbps, 2Mbps, 3Mbps Low Energy mode: 1Mbps
Antenna Type:	Integral Antenna
Antenna Number:	1Tx1Rx
Antenna Gain:	1.9 dBi (Provided by the Client)
Technical Specification of 2.4GHz Wi-Fi	
Operating Frequency:	2412 - 2462MHz for 802.11b/g/n(HT20) 2422 - 2452MHz for 802.11n(HT40)
Type of Modulation:	DSSS(DBPSK/DQPSK/CCK) OFDM(BPSK/QPSK/16QAM/64QAM)
Data Rate:	1/2/5.5/11 Mbps for 802.11b 6/9/12/18/24/36/48/54 Mbps for 802.11g MCS0 ~ MCS7 for 802.11n(HT20)/n(HT40) (All data rates considered, only the Worst-cases reported)
Channel Number:	11 channels for 802.11b/g/n(HT20) 7 channels for 802.11n(HT40)
Channel Separation:	5 MHz
Antenna Type:	Integral Antenna
Antenna Number:	1Tx1Rx
Antenna Gain:	1.9 dBi (Provided by the Client)
Technical Specification of 5GHz Wi-Fi	
Operating Frequency:	5180-5240MHz, 5260-5320MHz, 5500-5720MHz, 5745-5825MHz
Protocol:	802.11 a/n20/n40/ac20/ac40/ac80
Type of Modulation:	OFDM(BPSK/QPSK/16QAM/64QAM/256QAM)
Data Rate:	6/9/12/18/24/36/48/54 Mbps for 802.11a MCS0~MCS7 for 802.11n MCS0~MCS9 for 802.11ac (All data rates considered, only the Worst-cases reported)
Channel Separation:	20MHz, 40MHz, 80MHz
Antenna Type:	Integral Antenna
Antenna Number:	1Tx1Rx
Antenna Gain:	5150MHz to 5250MHz: -0.01dBi 5250MHz to 5350MHz: 0.73dBi 5470MHz to 5725MHz: 2.86dBi 5725MHz to 5850MHz: 2.94dBi (Provided by the Client)
Technical Specification of NFC	
Operating Frequency:	13.56MHz
Antenna Type:	Integral Antenna

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.

Test Summary		
Items	Remark	Verdict
Antenna Requirement	Refer to section 5.1.1 of this report	Pass
Maximum Output Power	Refer to section 5.1.2 of this report	Pass
Power Spectral Density Measurement	Refer to the original module reports PD20240152-R3D (FCC), PD20240152-R4E(ISED)	
26dB Bandwidth and 99% Bandwidth		Pass
6dB Bandwidth		Pass
DYNAMIC FREQUENCY SELECTION (DFS)	Refer to the original module reports PD20240152-R3E (FCC), PD20240152-R4F(ISED)	Pass
Radiated Spurious Emission	Refer to section 5.1.2 of this report	Pass
AC Conducted Emission	Refer to section 5.1.3 of this report	Pass

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, Wi-Fi 802.11 a/n/ac wireless transmitting mode
 - 1) Low Channel
 - 2) Middle Channel
 - 3) High Channel
- B. On, Wi-Fi connecting

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

- Application Form
- User Manual
- Operation Description
- FCC/IC 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 and ANSI C63.10:2020+ Cor. 1:2023+ C63.10a:2024.

4.3 Special Accessories and Auxiliary Equipment

Table 4: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N
Laptop	Lenovo	T480	PF-16A6N8
SWITCHING ADAPTER	SHENZHEN HONOR ELECTRONIC CO., LTD.	ADS-25SGP-12 12024E	INPUT:100-240V-50/60Hz OUTPUT:12.0V2.0A

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)

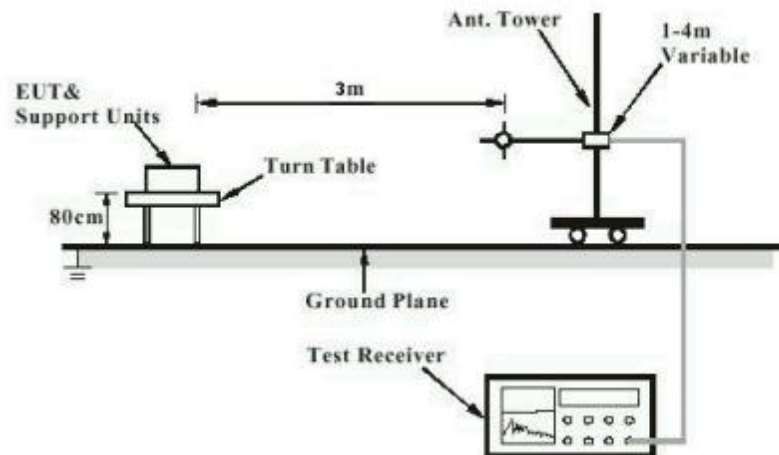


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)

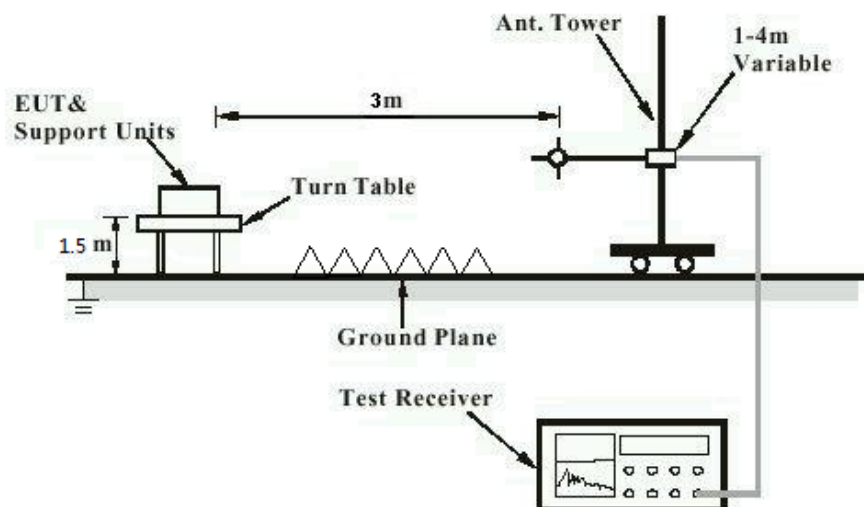


Diagram of Measurement Configuration for Conducted Transmitter Measurement

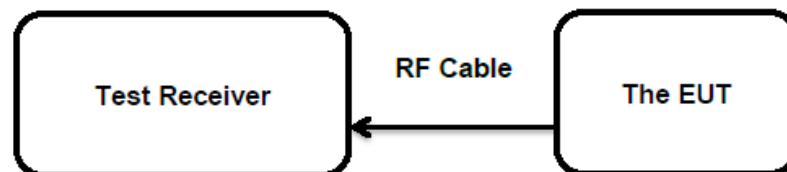
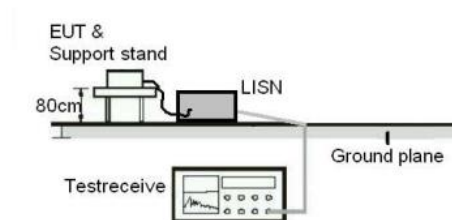


Diagram of Measurement Configuration for Mains Conduction Measurement



5 Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:

Pass

Test Specification

Test standard : FCC Part 15.247(b)(4) and Part 15.203
RSS-Gen Clause 6.8

The EUT has an integral antenna with a unique connector, which is designed with 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.

Prüfbericht - Nr.: CN25JRLS 003
Test Report No.:

Seite 15 von 22
Page 15 of 22

5.1.2 Maximum Output Power

RESULT:

Pass

Test Specification

Test standard	: FCC Part 15.407(a)(1)&(2)&(4) RSS-247 clause 6.2
Basic standard	: ANSI C63.10: 2013 FCC: <250mW (24dBm) (5150-5250MHz)
Limits	: *<250mW (24dBm) (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) IC: 5150-5250MHz *The maximum e.i.r.p. shall not exceed the lesser of: 200 mW (23dBm) or 10 dBm + 10 logB, where B is the 99% emission bandwidth in MHz, where is lesser. 5250-5350MHz, 5470-5725 *The maximum conducted power shall not exceed the lesser of: 250 mW (24dBm) or 11 dBm + 10 logB, where B is the 99% emission bandwidth in MHz, where is lesser. *The maximum e.i.r.p. shall not exceed the lesser of: 1 W (30dBm) or 17 dBm + 10 log B, where B is the 99% emission bandwidth in MHz, where is lesser. 5725-5850 MHz *The maximum conducted power shall not exceed 1W. *The maximum e.i.r.p. shall not exceed 4W.
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2025-11-20 to 2025-11-28
Operation mode	: A
Test channel	: Low / Middle / High
Ambient temperature	: 25.2 °C
Relative humidity	: 37 %
Atmospheric pressure	: 101 kPa

It verifies that there is no evident variation in conducted power compared with the original data listed in original module report. All conducted power data in the table below is cited from original module reports and evaluated with the new antenna gain.

Table 5: Test Result of Maximum Output Power

Test Mode	Antenna	Freq [MHz]	TPC Mode	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A	Ant1	5180	NA	18.11	≤23.98	-0.01	18.10	≤22.22	PASS
11A	Ant1	5220	NA	17.69	≤23.98	-0.01	17.68	≤22.23	PASS
11A	Ant1	5240	NA	17.93	≤23.98	-0.01	17.92	≤22.21	PASS
11A	Ant1	5260	TPC_H	18.01	≤23.22	0.73	18.74	≤29.22	PASS
11A	Ant1	5260	TPC_L	11.87	≤23.22	0.73	12.60	≤29.22	PASS
11A	Ant1	5300	TPC_H	18.07	≤23.23	0.73	18.80	≤29.23	PASS
11A	Ant1	5300	TPC_L	11.97	≤23.23	0.73	12.70	≤29.23	PASS
11A	Ant1	5320	TPC_H	18.42	≤23.21	0.73	19.15	≤29.21	PASS
11A	Ant1	5320	TPC_L	12.01	≤23.21	0.73	12.74	≤29.21	PASS
11A	Ant1	5500	TPC_H	18.48	≤23.22	2.86	21.34	≤29.22	PASS
11A	Ant1	5500	TPC_L	11.79	≤23.22	2.86	14.65	≤29.22	PASS
11A	Ant1	5580	TPC_H	17.80	≤23.21	2.86	20.66	≤29.21	PASS
11A	Ant1	5580	TPC_L	11.55	≤23.21	2.86	14.41	≤29.21	PASS
11A	Ant1	5700	TPC_H	18.13	≤23.21	2.86	20.99	≤29.21	PASS
11A	Ant1	5700	TPC_L	11.43	≤23.21	2.86	14.29	≤29.21	PASS
11A	Ant1	5720_U NII-2C	TPC_H	17.03	≤22.26	2.86	19.89	≤28.26	PASS
11A	Ant1	5720_U NII-2C	TPC_L	11.71	≤22.26	2.86	14.57	≤28.26	PASS
11A	Ant1	5720_U NII-3	TPC_H	9.78	≤30.00	2.86	12.64	---	PASS
11A	Ant1	5720_U NII-3	TPC_L	4.54	≤30.00	2.86	7.40	---	PASS
11A	Ant1	5745	NA	18.26	≤30.00	2.94	21.20	---	PASS
11A	Ant1	5785	NA	18.32	≤30.00	2.94	21.26	---	PASS
11A	Ant1	5825	NA	18.08	≤30.00	2.94	21.02	---	PASS

Test Mode	Antenna	Freq [MHz]	TPC Mode	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11n20	Ant1	5180	NA	17.8	≤23.98	-0.01	17.79	≤22.51	PASS
11n20	Ant1	5220	NA	17.2	≤23.98	-0.01	17.19	≤22.51	PASS
11n20	Ant1	5240	NA	17.25	≤23.98	-0.01	17.24	≤22.52	PASS
11n20	Ant1	5260	TPC_H	18.17	≤23.22	0.73	18.90	≤29.53	PASS
11n20	Ant1	5260	TPC_L	11.5	≤23.22	0.73	12.23	≤29.53	PASS
11n20	Ant1	5300	TPC_H	18.36	≤23.23	0.73	19.09	≤29.53	PASS
11n20	Ant1	5300	TPC_L	11.25	≤23.23	0.73	11.98	≤29.53	PASS
11n20	Ant1	5320	TPC_H	18.28	≤23.21	0.73	19.01	≤29.52	PASS
11n20	Ant1	5320	TPC_L	11.2	≤23.21	0.73	11.93	≤29.52	PASS
11n20	Ant1	5500	TPC_H	18.27	≤23.22	2.86	21.13	≤29.52	PASS
11n20	Ant1	5500	TPC_L	11.43	≤23.22	2.86	14.29	≤29.52	PASS
11n20	Ant1	5580	TPC_H	17.91	≤23.21	2.86	20.77	≤29.51	PASS
11n20	Ant1	5580	TPC_L	10.56	≤23.21	2.86	13.42	≤29.51	PASS
11n20	Ant1	5700	TPC_H	17.91	≤23.21	2.86	20.77	≤29.51	PASS
11n20	Ant1	5700	TPC_L	11.04	≤23.21	2.86	13.90	≤29.51	PASS
11n20	Ant1	5720_U NII-2C	TPC_H	17.1	≤22.26	2.86	19.96	≤28.45	PASS
11n20	Ant1	5720_U NII-2C	TPC_L	9.73	≤22.26	2.86	12.59	≤28.45	PASS
11n20	Ant1	5720_U NII-3	TPC_H	10.36	≤30.00	2.86	13.22	---	PASS
11n20	Ant1	5720_U NII-3	TPC_L	3.09	≤30.00	2.86	5.95	---	PASS
11n20	Ant1	5745	NA	18.13	≤30.00	2.94	21.07	---	PASS
11n20	Ant1	5785	NA	17.74	≤30.00	2.94	20.68	---	PASS
11n20	Ant1	5825	NA	17.85	≤30.00	2.94	20.79	---	PASS

Test Mode	Antenna	Freq [MHz]	TPC Mode	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11n40	Ant1	5190	NA	18.37	≤23.98	-0.01	18.36	≤23.01	PASS
11n40	Ant1	5230	NA	18.02	≤23.98	-0.01	18.01	≤23.01	PASS
11n40	Ant1	5270	TPC_H	18.34	≤23.98	0.73	19.07	≤30.00	PASS
11n40	Ant1	5270	TPC_L	11.84	≤23.98	0.73	12.57	≤30.00	PASS
11n40	Ant1	5310	TPC_H	15.79	≤23.98	0.73	16.52	≤30.00	PASS
11n40	Ant1	5310	TPC_L	9.01	≤23.98	0.73	9.74	≤30.00	PASS
11n40	Ant1	5510	TPC_H	16.4	≤23.98	2.86	19.26	≤30.00	PASS
11n40	Ant1	5510	TPC_L	8.45	≤23.98	2.86	11.31	≤30.00	PASS
11n40	Ant1	5550	TPC_H	18.02	≤23.98	2.86	20.88	≤30.00	PASS
11n40	Ant1	5550	TPC_L	10.88	≤23.98	2.86	13.74	≤30.00	PASS
11n40	Ant1	5670	TPC_H	17.93	≤23.98	2.86	20.79	≤30.00	PASS
11n40	Ant1	5670	TPC_L	10.78	≤23.98	2.86	13.64	≤30.00	PASS
11n40	Ant1	5710_U NII-2C	TPC_H	18.12	≤23.98	2.86	20.98	≤30.00	PASS
11n40	Ant1	5710_U NII-2C	TPC_L	11.54	≤23.98	2.86	14.4	≤30.00	PASS
11n40	Ant1	5710_U NII-3	TPC_H	6.42	≤30.00	2.86	9.28	---	PASS
11n40	Ant1	5710_U NII-3	TPC_L	-0.07	≤30.00	2.86	2.79	---	PASS
11n40	Ant1	5755	NA	17.92	≤30.00	2.94	20.86	---	PASS
11n40	Ant1	5795	NA	17.88	≤30.00	2.94	20.82	---	PASS

Test Mode	Antenna	Freq [MHz]	TPC Mode	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11AC20	Ant1	5180	NA	17.77	≤23.98	-0.01	17.76	≤22.53	PASS
11AC20	Ant1	5220	NA	17.68	≤23.98	-0.01	17.67	≤22.52	PASS
11AC20	Ant1	5240	NA	17.25	≤23.98	-0.01	17.24	≤22.51	PASS
11AC20	Ant1	5260	TPC_H	18.12	≤23.53	0.73	18.85	≤29.53	PASS
11AC20	Ant1	5260	TPC_L	10.57	≤23.53	0.73	11.30	≤29.53	PASS
11AC20	Ant1	5300	TPC_H	18.27	≤23.53	0.73	19.00	≤29.53	PASS
11AC20	Ant1	5300	TPC_L	11.29	≤23.53	0.73	12.02	≤29.53	PASS
11AC20	Ant1	5320	TPC_H	18.18	≤23.53	0.73	18.91	≤29.52	PASS
11AC20	Ant1	5320	TPC_L	10.69	≤23.53	0.73	11.42	≤29.52	PASS
11AC20	Ant1	5500	TPC_H	18.28	≤23.53	2.86	21.14	≤29.52	PASS
11AC20	Ant1	5500	TPC_L	10.95	≤23.52	2.86	13.81	≤29.52	PASS
11AC20	Ant1	5580	TPC_H	18.01	≤23.52	2.86	20.87	≤29.52	PASS
11AC20	Ant1	5580	TPC_L	10.65	≤23.52	2.86	13.51	≤29.52	PASS
11AC20	Ant1	5700	TPC_H	16.35	≤23.52	2.86	19.21	≤29.53	PASS
11AC20	Ant1	5700	TPC_L	9.27	≤23.52	2.86	12.13	≤29.53	PASS
11AC20	Ant1	5720_U NII-2C	TPC_H	17.16	≤23.52	2.86	20.02	≤28.46	PASS
11AC20	Ant1	5720_U NII-2C	TPC_L	9.76	≤23.53	2.86	12.62	≤28.46	PASS
11AC20	Ant1	5720_U NII-3	TPC_H	10.03	≤23.53	2.86	12.89	---	PASS
11AC20	Ant1	5720_U NII-3	TPC_L	3.1	≤22.46	2.86	5.96	---	PASS
11AC20	Ant1	5745	NA	18.16	≤22.46	2.94	21.10	---	PASS
11AC20	Ant1	5785	NA	17.72	≤30.00	2.94	20.66	---	PASS
11AC20	Ant1	5825	NA	17.84	≤30.00	2.94	20.78	---	PASS

Test Mode	Antenna	Freq [MHz]	TPC Mode	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11AC40	Ant1	5190	NA	17.5	≤23.98	-0.01	17.49	≤23.01	PASS
11AC40	Ant1	5230	NA	17.46	≤23.98	-0.01	17.45	≤23.01	PASS
11AC40	Ant1	5270	TPC_H	17.31	≤23.98	0.73	18.04	≤30.00	PASS
11AC40	Ant1	5270	TPC_L	10.33	≤23.98	0.73	11.06	≤30.00	PASS
11AC40	Ant1	5310	TPC_H	17.86	≤23.98	0.73	18.59	≤30.00	PASS
11AC40	Ant1	5310	TPC_L	10.82	≤23.98	0.73	11.55	≤30.00	PASS
11AC40	Ant1	5510	TPC_H	17.8	≤23.98	2.86	20.66	≤30.00	PASS
11AC40	Ant1	5510	TPC_L	10.89	≤23.98	2.86	13.75	≤30.00	PASS
11AC40	Ant1	5550	TPC_H	16.74	≤23.98	2.86	19.6	≤30.00	PASS
11AC40	Ant1	5550	TPC_L	9.82	≤23.98	2.86	12.68	≤30.00	PASS
11AC40	Ant1	5670	TPC_H	16.85	≤23.98	2.86	19.71	≤30.00	PASS
11AC40	Ant1	5670	TPC_L	9.79	≤23.98	2.86	12.65	≤30.00	PASS
11AC40	Ant1	5710_U NII-2C	TPC_H	16.93	≤23.98	2.86	19.79	≤30.00	PASS
11AC40	Ant1	5710_U NII-2C	TPC_L	9.95	≤23.98	2.86	12.81	≤30.00	PASS
11AC40	Ant1	5710_U NII-3	TPC_H	5.78	≤30.00	2.86	8.64	---	PASS
11AC40	Ant1	5710_U NII-3	TPC_L	-1.12	≤30.00	2.86	1.74	---	PASS
11AC40	Ant1	5755	NA	17.93	≤30.00	2.94	20.87	---	PASS
11AC40	Ant1	5795	NA	17.91	≤30.00	2.94	20.85	---	PASS

Test Mode	Antenna	Freq [MHz]	TPC Mode	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11AC80SISO	Ant1	5210	NA	16.98	≤23.98	-0.01	16.97	≤23.01	PASS
11AC80SISO	Ant1	5290	TPC_H	14.88	≤23.98	0.73	15.61	≤23.01	PASS
11AC80SISO	Ant1	5290	TPC_L	7.5	≤23.98	0.73	8.23	≤30.00	PASS
11AC80SISO	Ant1	5530	TPC_H	14.44	≤23.98	2.86	17.3	≤30.00	PASS
11AC80SISO	Ant1	5530	TPC_L	7.99	≤23.98	2.86	10.85	≤30.00	PASS
11AC80SISO	Ant1	5610	TPC_H	16.45	≤23.98	2.86	19.31	≤30.00	PASS
11AC80SISO	Ant1	5610	TPC_L	10.12	≤23.98	2.86	12.98	≤30.00	PASS
11AC80SISO	Ant1	5690_U NII-2C	TPC_H	16.57	≤23.98	2.86	19.43	≤30.00	PASS
11AC80SISO	Ant1	5690_U NII-2C	TPC_L	10.12	≤23.98	2.86	12.98	≤30.00	PASS
11AC80SISO	Ant1	5690_U NII-3	TPC_H	1.01	≤23.98	2.86	3.87	≤30.00	PASS
11AC80SISO	Ant1	5690_U NII-3	TPC_L	-5.34	≤23.98	2.86	-2.48	≤30.00	PASS
11AC80SISO	Ant1	5775	NA	17.2	≤23.98	2.94	20.14	≤30.00	PASS

The cable loss and duty cycle factor already compensated for the results above.

Prüfbericht - Nr.: CN25JRLS 003
Test Report No.:Seite 21 von 22
Page 21 of 22

5.1.3 Radiated Spurious Emission (5GHz Wi-Fi)

RESULT:

Pass

Test Specification

Test standard	: FCC Part 15.407(b) & FCC Part 15.205 & FCC Part 15.209 RSS-247 clause 6.2 & RSS-GEN clause 8.9 and 8.10
Basic standard	: ANSI C63.10:2020 and ANSI C63.10:2020+ Cor. 1:2023+ C63.10a:2024 KDB 789033 D02 v01r03
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 and RSS-GEN
Kind of test site	: 3m Semi-anechoic Chamber

Test Setup

Date of testing	: 2025-11-20 to 2025-11-28
Input voltage	: AC 120V, 60Hz
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 the each mode were reported.

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

Table 1: List of Test and Measurement Equipment.....	6
Table 2: Measurement Uncertainty	7
Table 3: Technical Specification of EUT.....	8
Table 4: List of Accessories and Auxiliary Equipment.....	11
Table 6: Test Result of Maximum Output Power	16

Appendix A: Test Results

APPENDIX A: TEST RESULTS	1
APPENDIX A.1: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS, 5GHz Wi-Fi	2
30 MHz - 1GHz.....	2
1GHz - 18GHz	4
APPENDIX A.2: TEST RESULTS OF RADIATED EMISSIONS IN RESTRICTED BANDS, 5GHz Wi-Fi	20
APPENDIX A.3: TEST RESULTS OF AC CONDUCTED EMISSIONS	66

Appendix A.1: Test Results of Radiated Spurious Emissions, 5GHz Wi-Fi

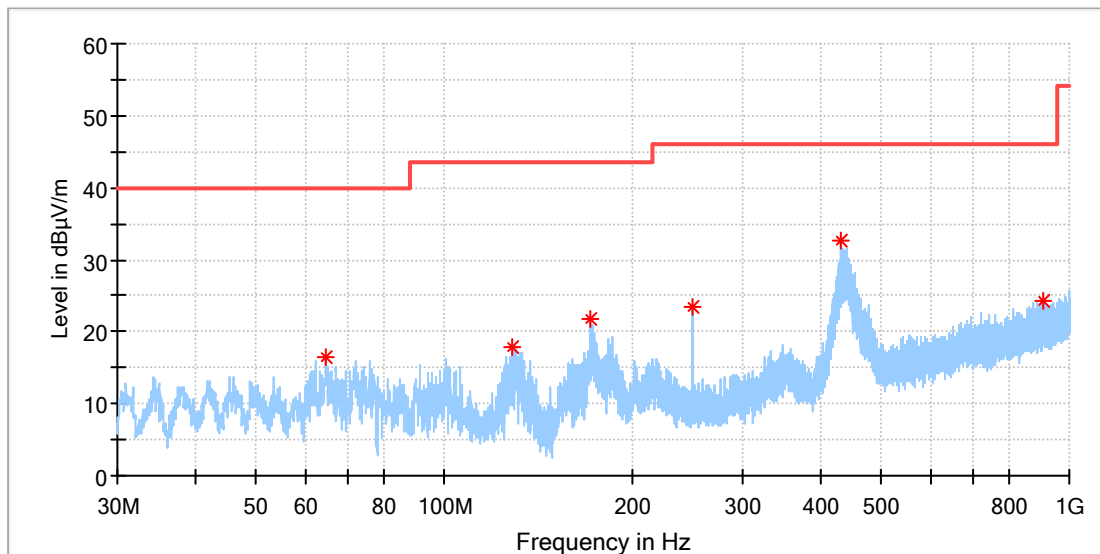
Note:

- 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.
- 3) The highest waveform in the figure is 5GHz Wi-Fi Fundamental.

30 MHz - 1GHz

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

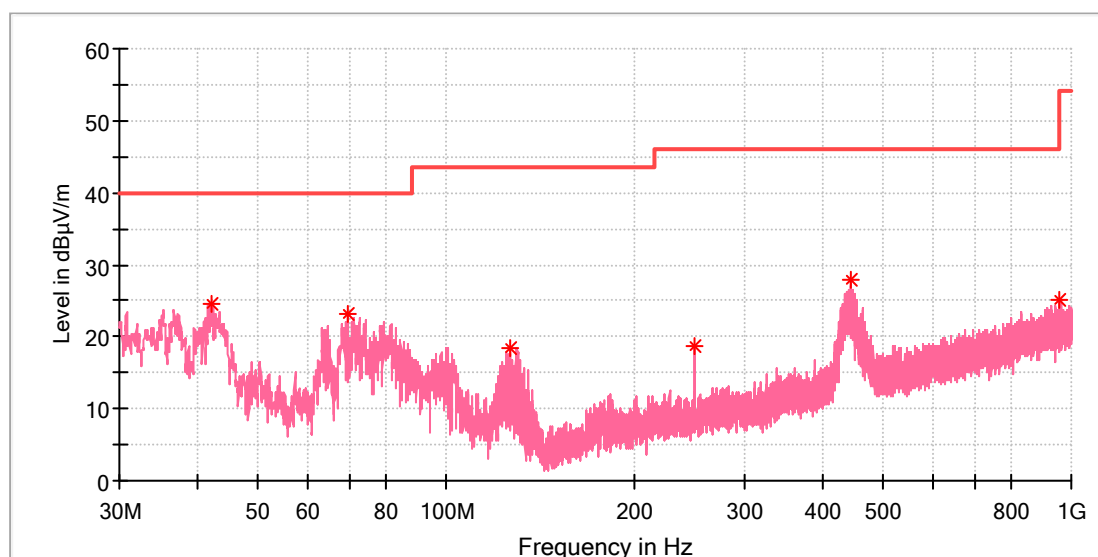
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
64.696154	16.44	40.00	23.56	100.0	H	122.0	-20.2
128.790769	17.85	43.50	25.65	100.0	H	218.0	-21.8
171.731923	21.69	43.50	21.81	100.0	H	235.0	-21.2
250.003462	23.47	46.00	22.53	100.0	H	186.0	-17.4
430.833846	32.59	46.00	13.41	100.0	H	59.0	-13.1
907.141154	24.21	46.00	21.79	100.0	H	301.0	-4.7

Final Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
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)
42.274231	24.55	40.00	15.45	100.0	V	0.0	-19.6
69.471539	23.17	40.00	16.83	100.0	V	182.0	-21.8
126.179231	18.50	43.50	25.00	100.0	V	205.0	-21.5
250.003462	18.61	46.00	27.39	100.0	V	213.0	-17.4
442.361923	27.81	46.00	18.19	100.0	V	120.0	-12.9
959.894231	25.08	46.00	20.92	100.0	V	95.0	-4.1

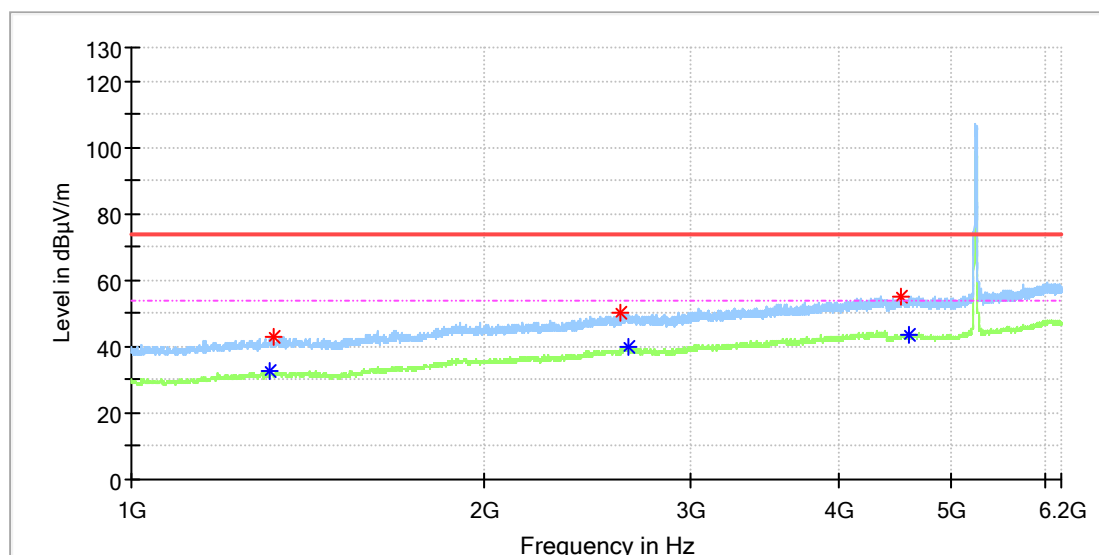
Final Result

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

1GHz - 18GHz

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

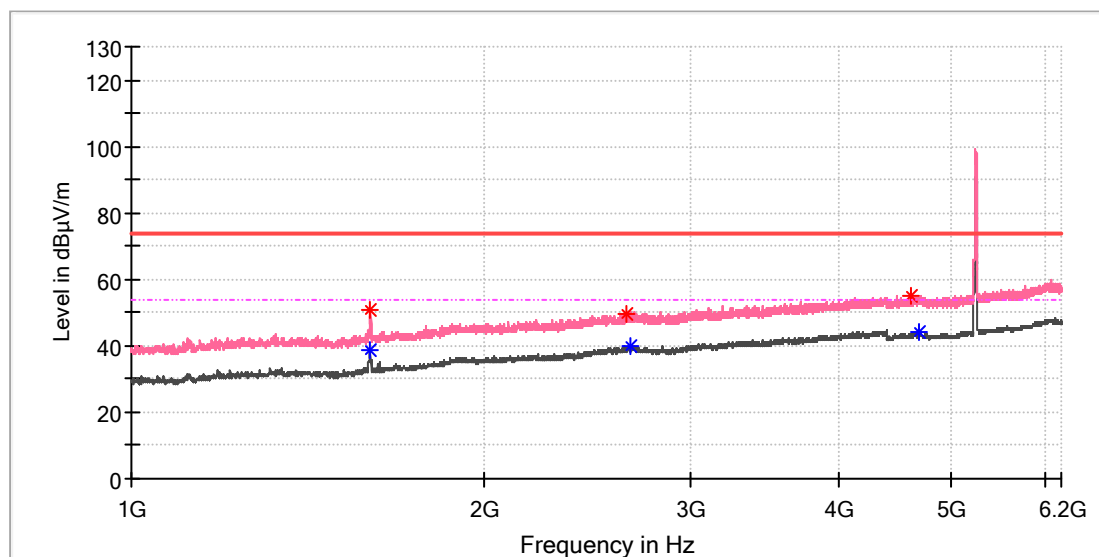
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1312.500000	---	32.86	54.00	21.14	150.0	H	106.0	2.8
1321.000000	42.69	---	74.00	31.31	150.0	H	220.0	2.9
2611.000000	50.14	---	74.00	23.86	150.0	H	11.0	9.7
2646.500000	---	39.74	54.00	14.26	150.0	H	238.0	10.1
4532.000000	55.13	---	74.00	18.87	150.0	H	48.0	13.3
4605.000000	---	43.77	54.00	10.23	150.0	H	220.0	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)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

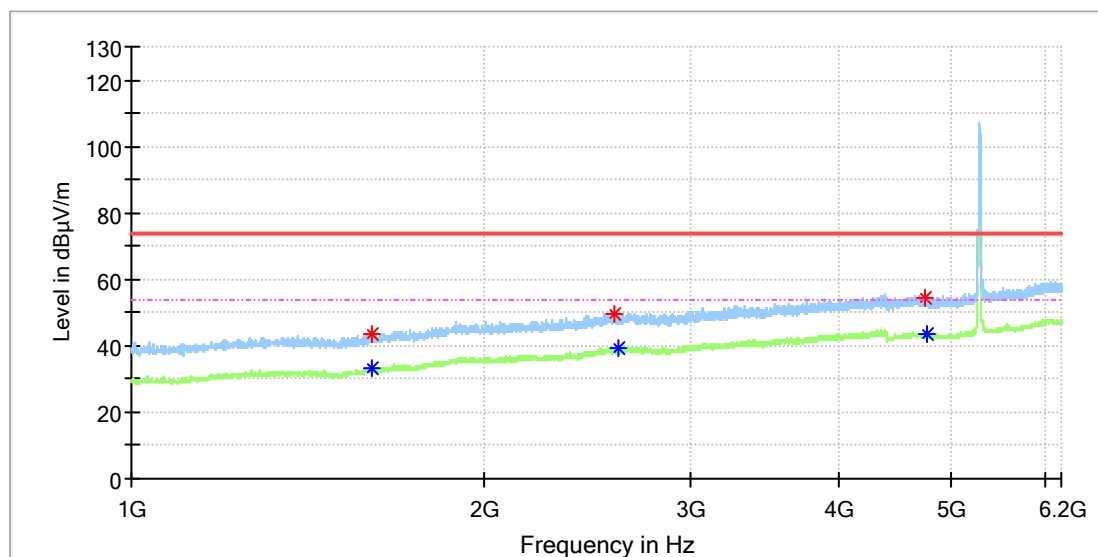
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1598.500000	---	38.62	54.00	15.38	150.0	V	262.0	3.8
1599.500000	51.01	---	74.00	22.99	150.0	V	262.0	3.8
2638.500000	49.62	---	74.00	24.39	150.0	V	310.0	10.0
2662.000000	---	40.10	54.00	13.90	150.0	V	262.0	10.2
4620.500000	55.23	---	74.00	18.77	150.0	V	65.0	13.5
4680.500000	---	43.88	54.00	10.12	150.0	V	289.0	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)
100.000000	100.000000	100.000000	100.000000	100.000000	100.000000		100.000000	

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11a_Ch56
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

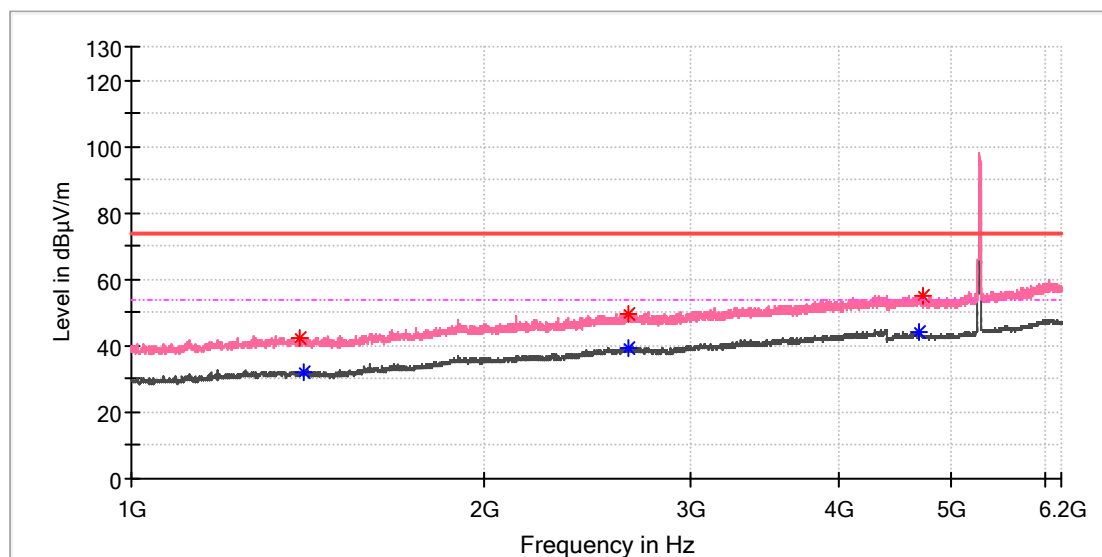
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1604.500000	---	33.23	54.00	20.77	150.0	H	346.0	3.9
1604.500000	43.68	---	74.00	30.32	150.0	H	346.0	3.9
2580.500000	49.28	---	74.00	24.72	150.0	H	140.0	9.5
2599.000000	---	39.53	54.00	14.47	150.0	H	272.0	9.6
4739.500000	54.38	---	74.00	19.62	150.0	H	59.0	13.4
4767.500000	---	43.70	54.00	10.30	150.0	H	148.0	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)
100.000000	100.000000	100.000000	100.000000	100.000000	100.000000		100.000000	

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11a_Ch56
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

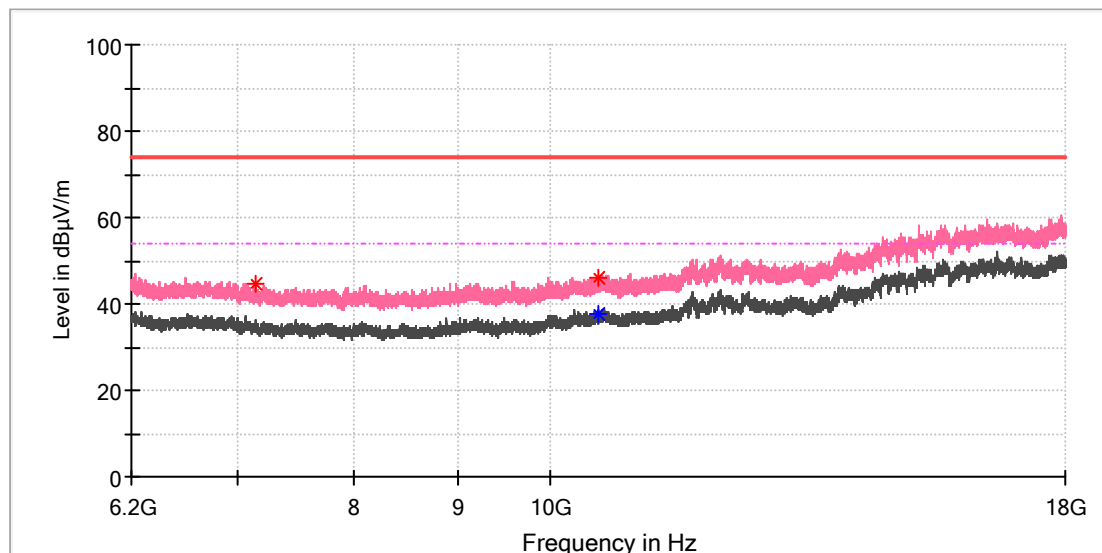
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	PoI	Azimuth (deg)	Corr. (dB/m)
1389.500000	42.46	---	74.00	31.54	150.0	V	281.0	3.0
1402.000000	---	32.12	54.00	21.88	150.0	V	263.0	3.0
2649.500000	---	39.50	54.00	14.50	150.0	V	350.0	10.1
2653.000000	49.68	---	74.00	24.32	150.0	V	326.0	10.2
4692.500000	---	43.91	54.00	10.09	150.0	V	309.0	13.5
4733.000000	54.89	---	74.00	19.11	150.0	V	34.0	13.4

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.000000	100.000000	100.000000	100.000000	100.000000	100.000000		100.000000	

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11a_Ch56
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

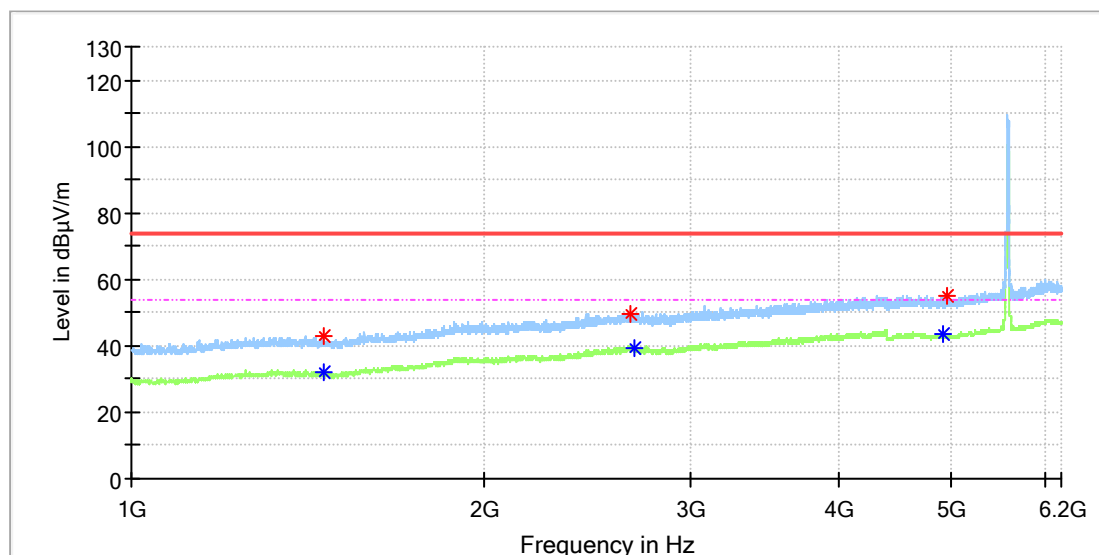
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7148.916667	44.69	---	74.00	29.31	150.0	V	216.0	8.6
10564.525000	---	37.74	54.00	16.26	150.0	V	338.0	12.0
10564.525000	46.09	---	74.00	27.91	150.0	V	338.0	12.0

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.75	118.0	115.0	120.0	-2.0	1.0	0	0	0

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11a_Ch116
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

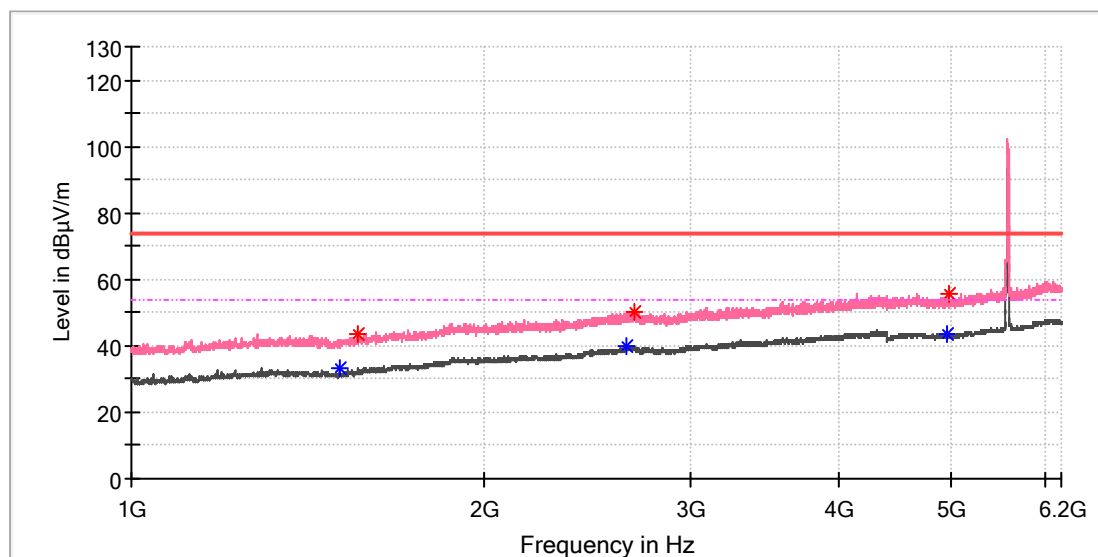
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	PoI	Azimuth (deg)	Corr. (dB/m)
1458.500000	---	32.11	54.00	21.89	150.0	H	310.0	2.7
1460.500000	43.02	---	74.00	30.98	150.0	H	0.0	2.7
2661.000000	49.45	---	74.00	24.55	150.0	H	251.0	10.2
2681.500000	---	39.57	54.00	14.43	150.0	H	304.0	10.1
4918.500000	---	43.65	54.00	10.35	150.0	H	27.0	13.3
4950.000000	54.75	---	74.00	19.25	150.0	H	44.0	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)
100.0	100.0	100.0	100.0	100.0	100.0		100.0	

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11a_Ch116
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
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)
1506.500000	---	32.96	54.00	21.04	150.0	V	254.0	2.6
1556.500000	43.43	---	74.00	30.57	150.0	V	272.0	3.3
2637.500000	---	40.01	54.00	13.99	150.0	V	357.0	10.0
2684.000000	50.32	---	74.00	23.68	150.0	V	44.0	10.1
4950.000000	---	43.49	54.00	10.51	150.0	V	92.0	13.3
4967.500000	55.41	---	74.00	18.59	150.0	V	1.0	13.3

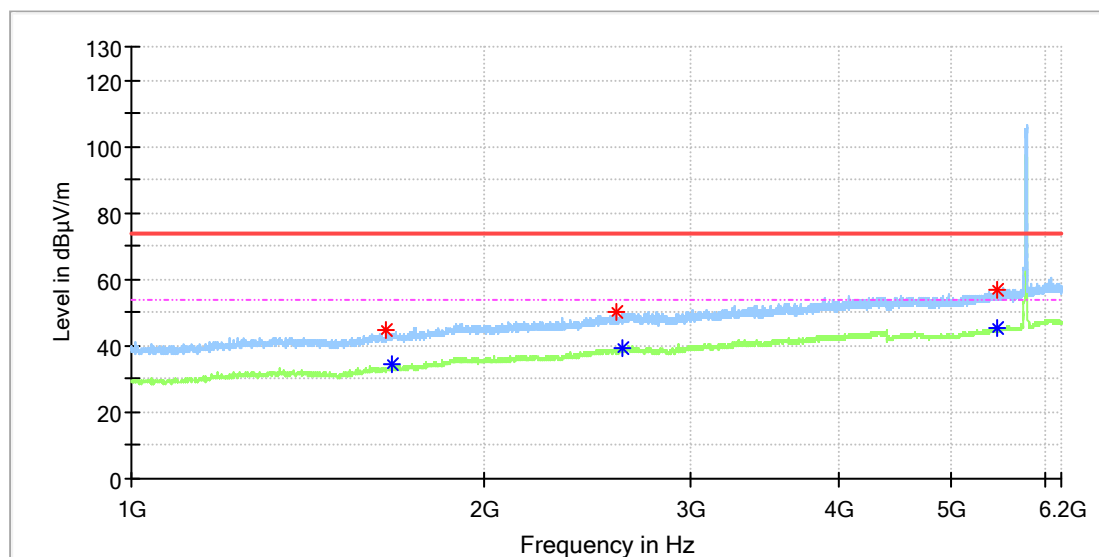
Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.000000	100.000000	100.000000	100.000000	100.000000	100.000000		100.000000	

EUT Information

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11a_Ch157
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

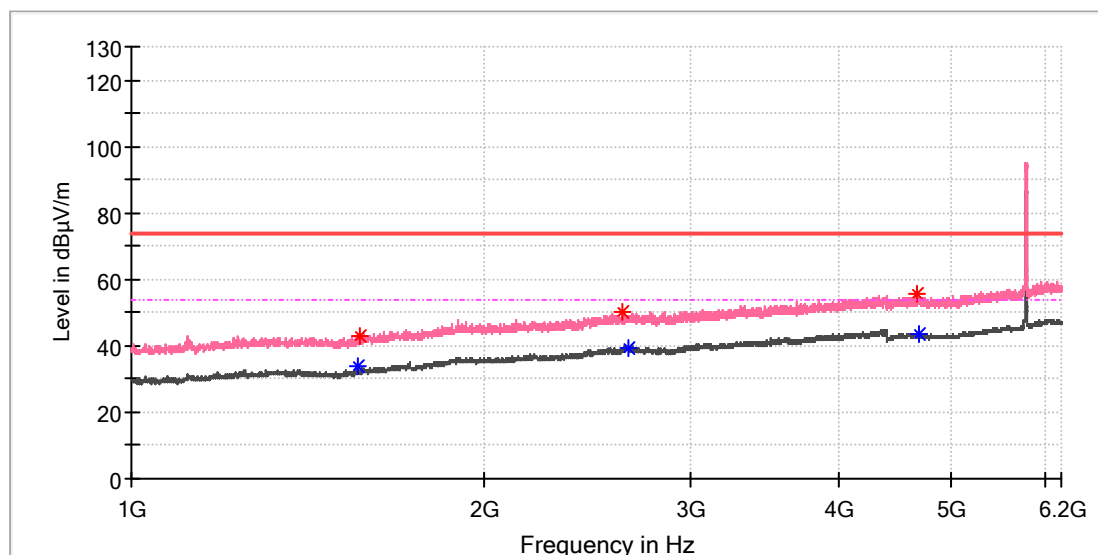
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1650.000000	44.66	---	74.00	29.34	150.0	H	123.0	4.2
1665.500000	---	34.24	54.00	19.76	150.0	H	224.0	4.4
2585.500000	50.38	---	74.00	23.62	150.0	H	286.0	9.5
2625.000000	---	39.55	54.00	14.45	150.0	H	203.0	9.9
5461.500000	56.63	---	74.00	17.37	150.0	H	89.0	15.1
5465.500000	---	45.27	54.00	8.73	150.0	H	75.0	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)
100.000000	100.000000	100.000000	100.000000	100.000000	100.000000		100.000000	

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11a_Ch157
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

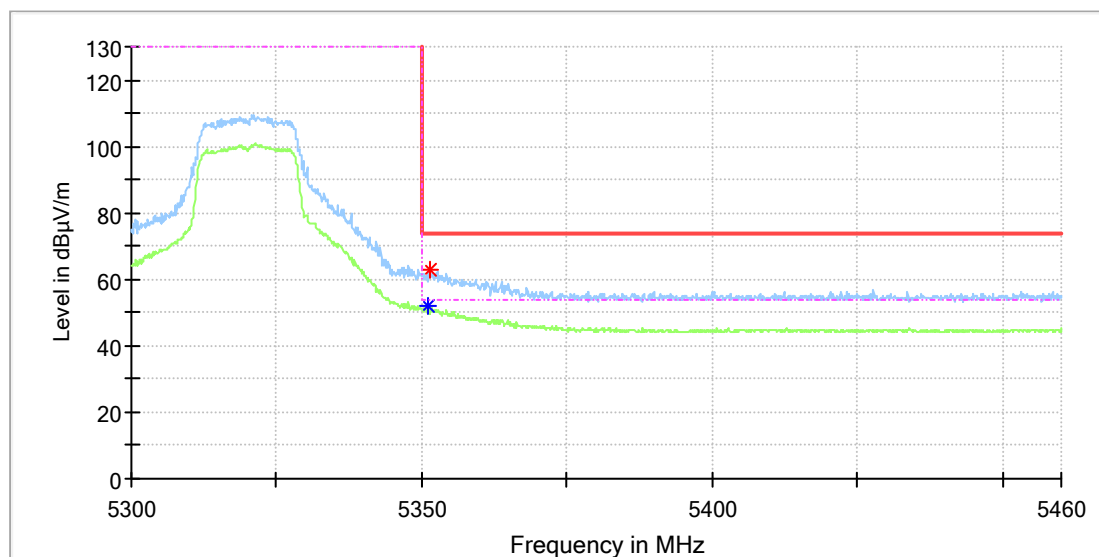
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	PoI	Azimuth (deg)	Corr. (dB/m)
1558.500000	---	33.71	54.00	20.29	150.0	V	248.0	3.3
1564.000000	42.63	---	74.00	31.37	150.0	V	161.0	3.4
2625.500000	50.43	---	74.00	23.57	150.0	V	243.0	9.9
2652.500000	---	39.60	54.00	14.40	150.0	V	295.0	10.2
4671.000000	55.64	---	74.00	18.36	150.0	V	276.0	13.5
4695.000000	---	43.39	54.00	10.61	150.0	V	202.0	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)
100.0	100.0	100.0	100.0	100.0	100.0		100.0	

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11a_Ch64
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

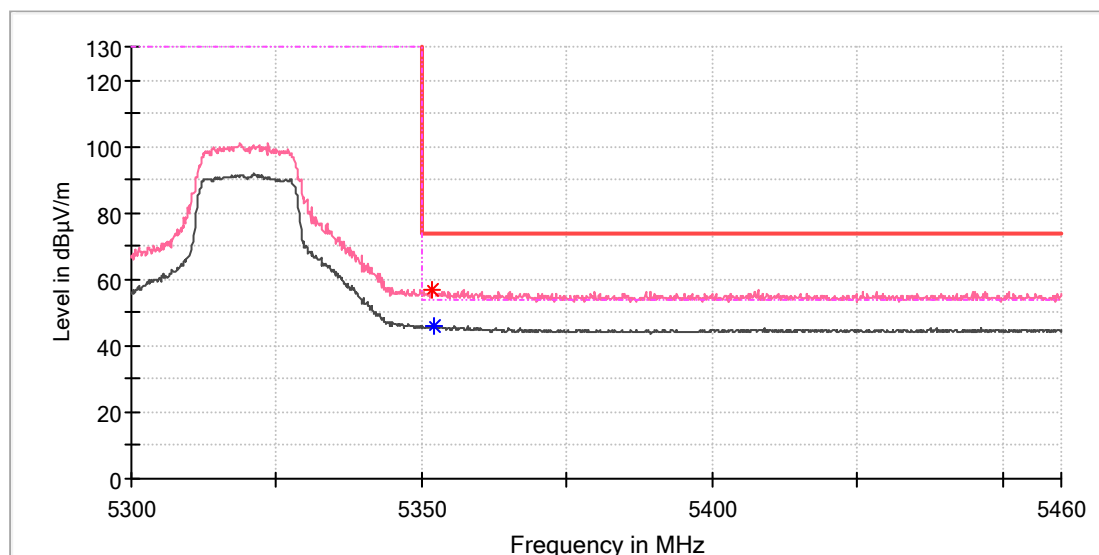
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5351.133333	---	51.79	54.00	2.21	150.0	H	273.0	14.8
5351.261111	62.63	---	74.00	11.37	150.0	H	285.0	14.8

Final Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11a_Ch64
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

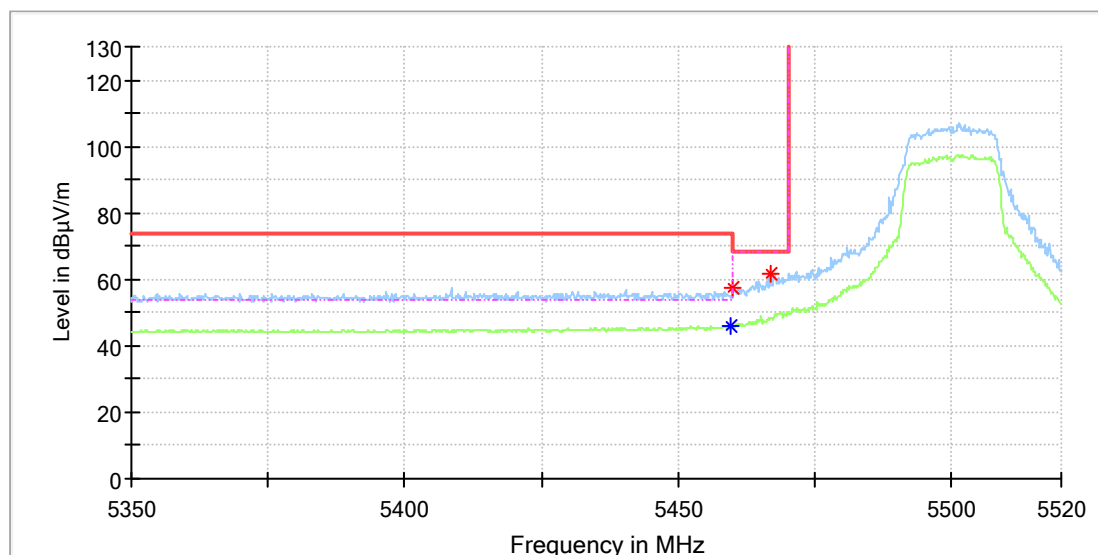
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5351.644445	56.63	---	74.00	17.37	150.0	V	0.0	14.8
5352.027778	---	46.18	54.00	7.82	150.0	V	349.0	14.8

Final Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11a_Ch100
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

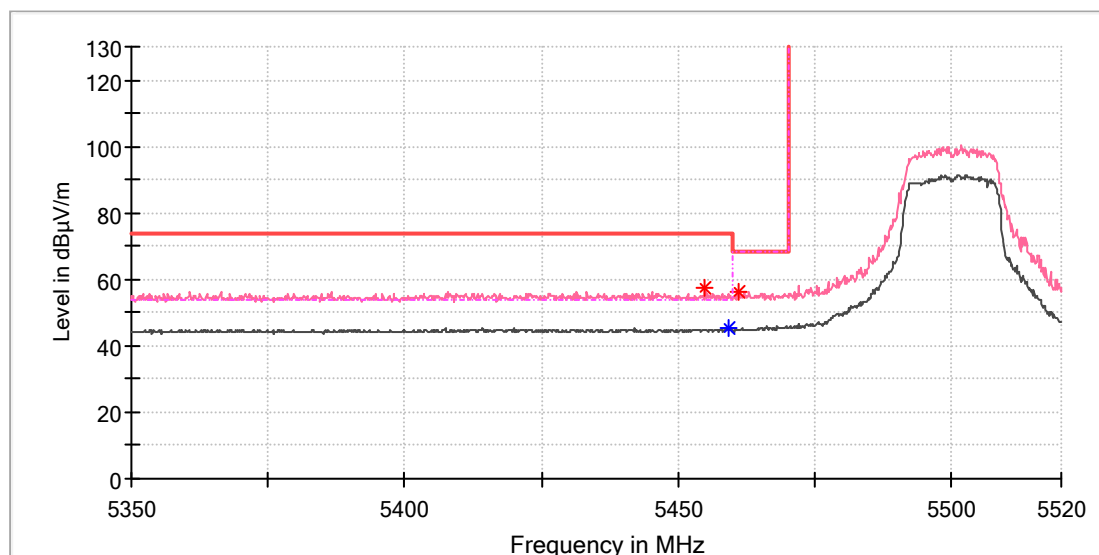
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5459.500000	---	45.98	54.00	8.02	150.0	H	177.0	15.1
5460.000000	57.50	---	68.20	10.70	150.0	H	275.0	15.1
5467.000000	61.87	---	68.20	6.33	150.0	H	275.0	15.1

Final Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11a_Ch100
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

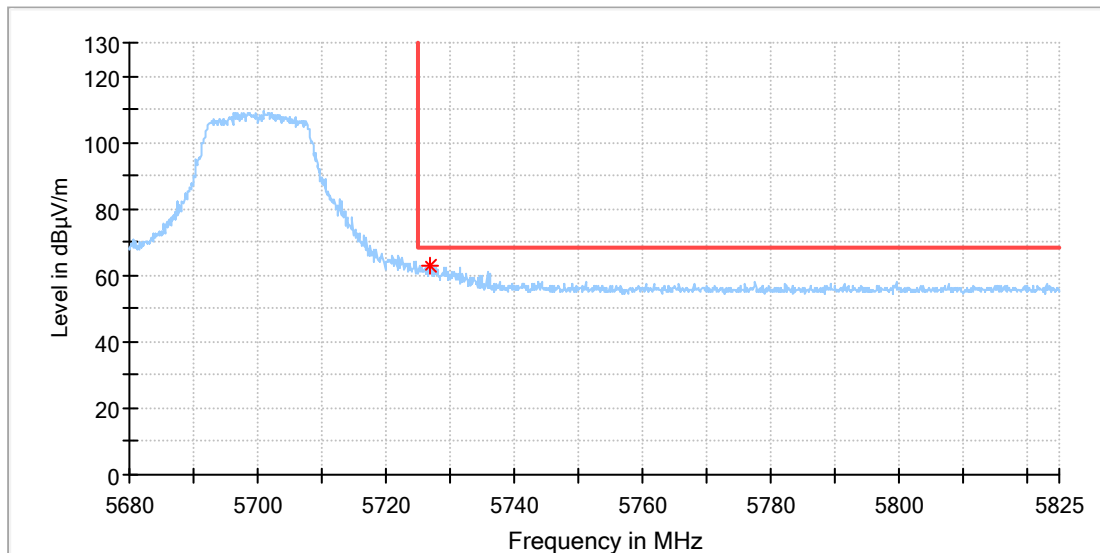
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5454.833333	57.27	---	74.00	16.73	150.0	V	283.0	15.1
5459.166667	---	45.37	54.00	8.63	150.0	V	313.0	15.1
5461.000000	56.46	---	68.20	11.74	150.0	V	0.0	15.1

Final Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11a_Ch140
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

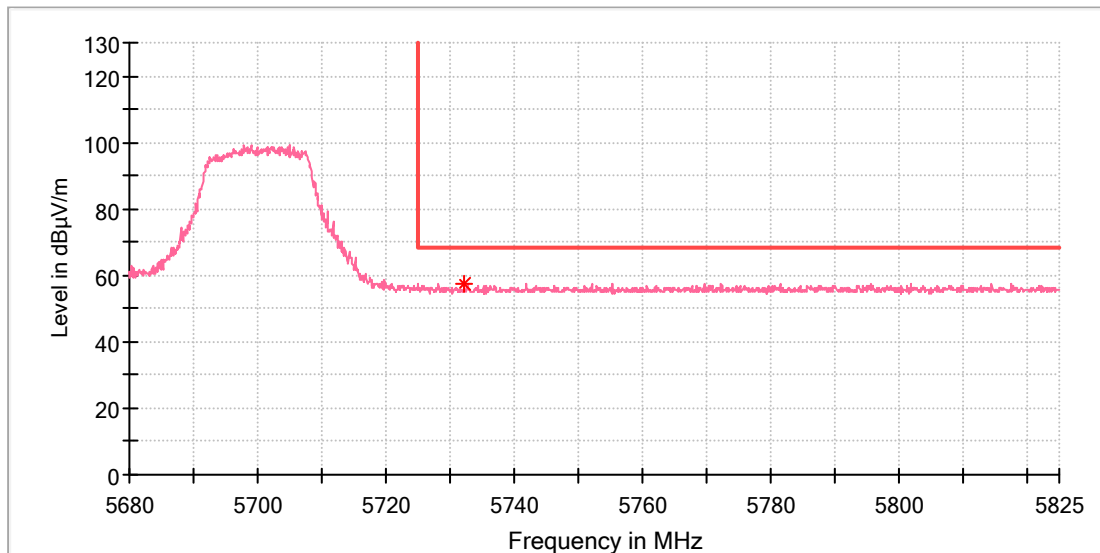
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5726.866667	62.85	68.20	5.35	150.0	H	272.0	15.4

Final_Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11a_Ch140
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

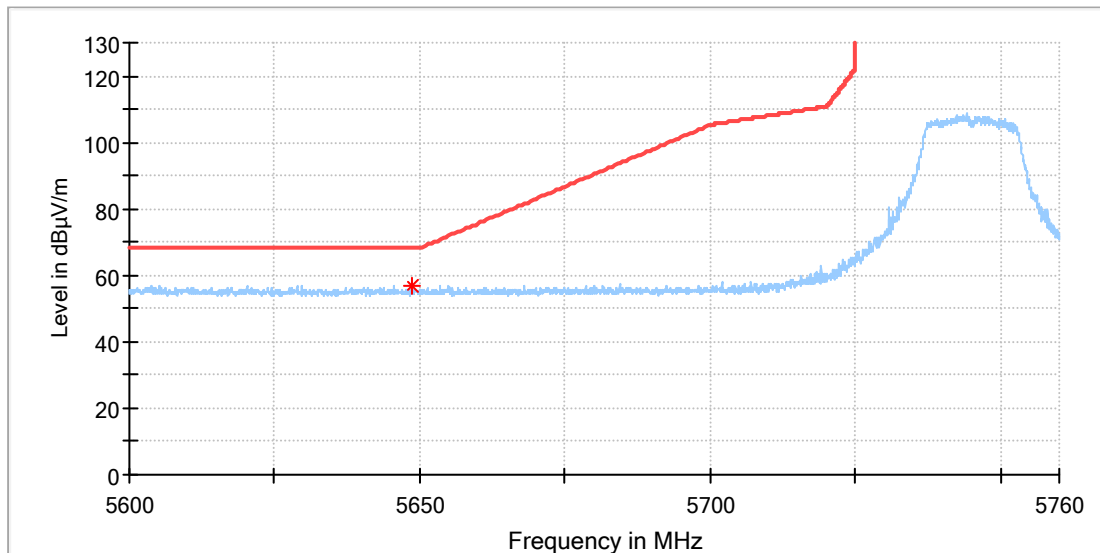
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5732.137500	57.63	68.20	10.57	150.0	V	1.0	15.4

Final_Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11a_Ch149
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

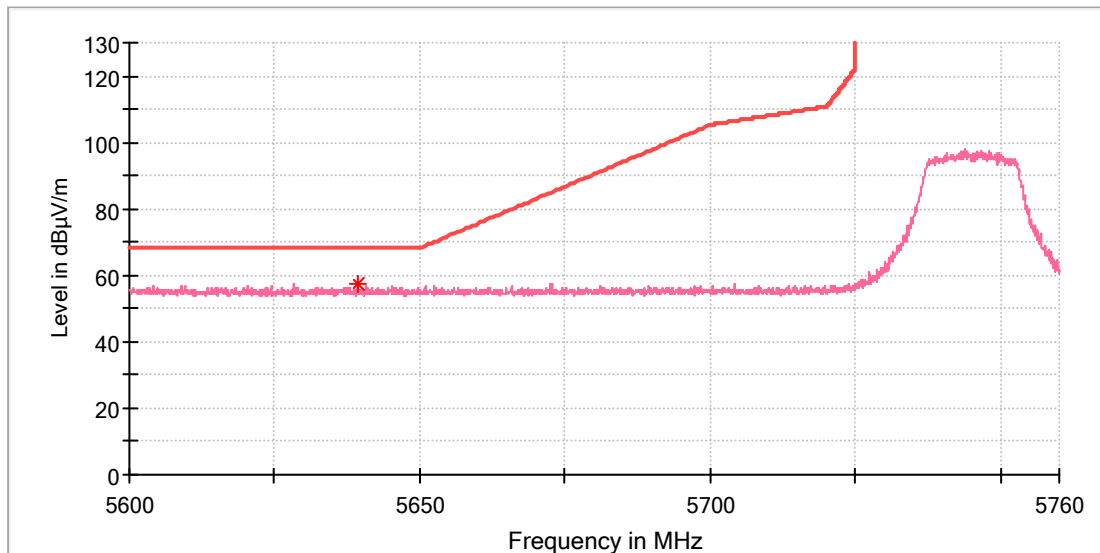
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5648.522222	56.99	68.20	11.21	150.0	H	336.0	15.3

Final_Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11a_Ch149
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

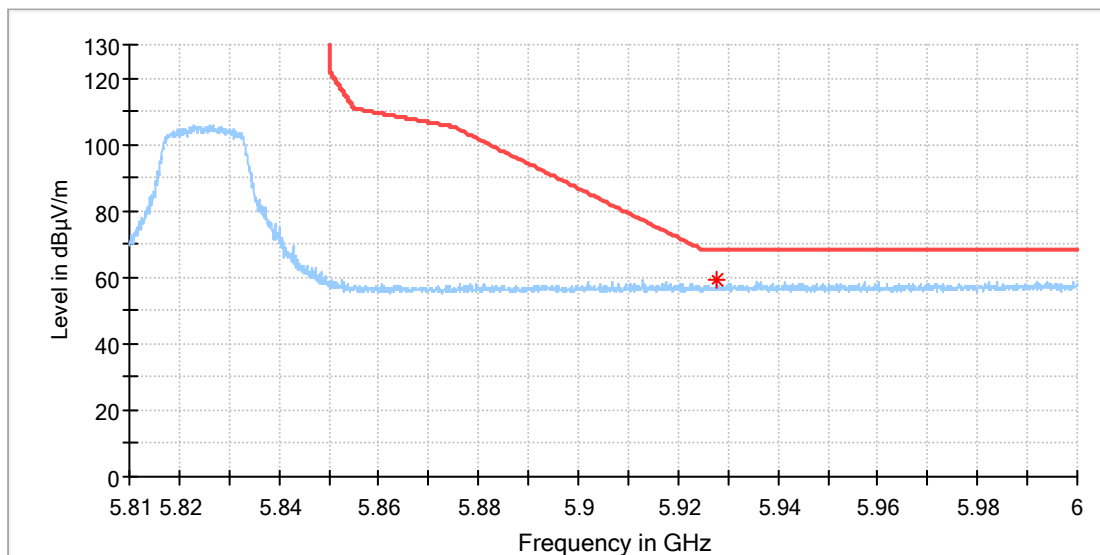
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5639.294445	57.26	68.20	10.94	150.0	V	35.0	15.3

Final_Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11a_Ch165
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

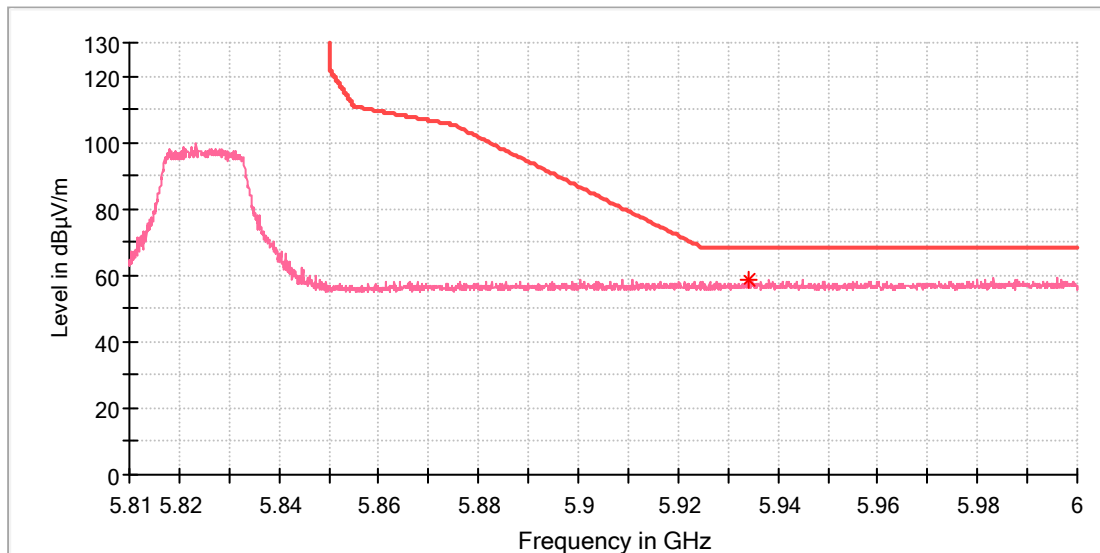
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5927.736111	59.48	68.20	8.72	150.0	H	16.0	16.2

Final Result

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

EUT Information

EUT Name: Unattended Terminal
Model: U200
Test Mode: WIFI 5G_11a_Ch165
Order No/Sample No: 168581279/A004122977-005
Test Voltage: 120V/60Hz
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)
5934.000000	58.79	68.20	9.41	150.0	V	159.0	16.2

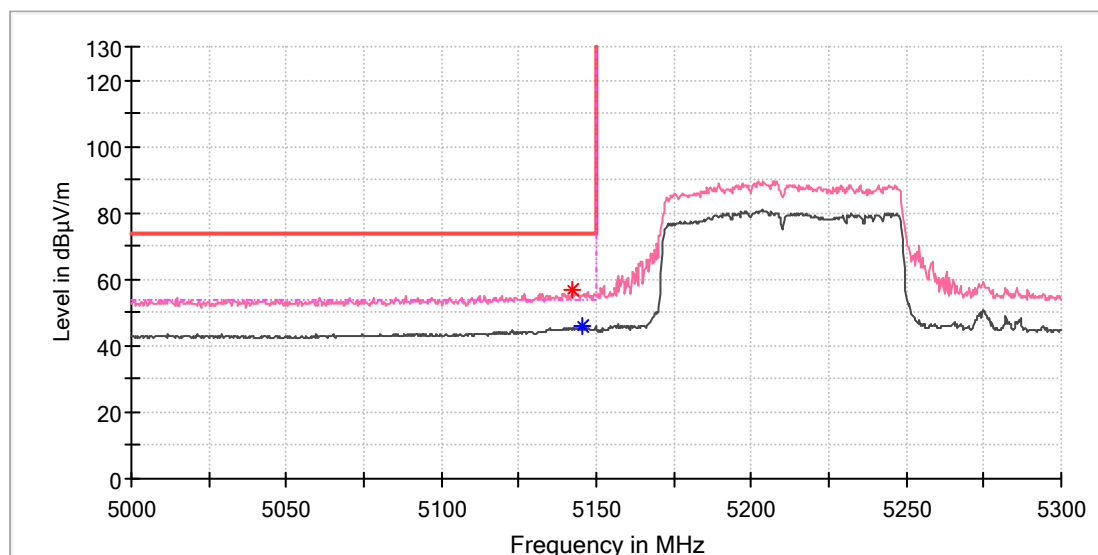
Final_Result

Frequency (MHz)	MaxPeak (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)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11ac80_Ch42
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

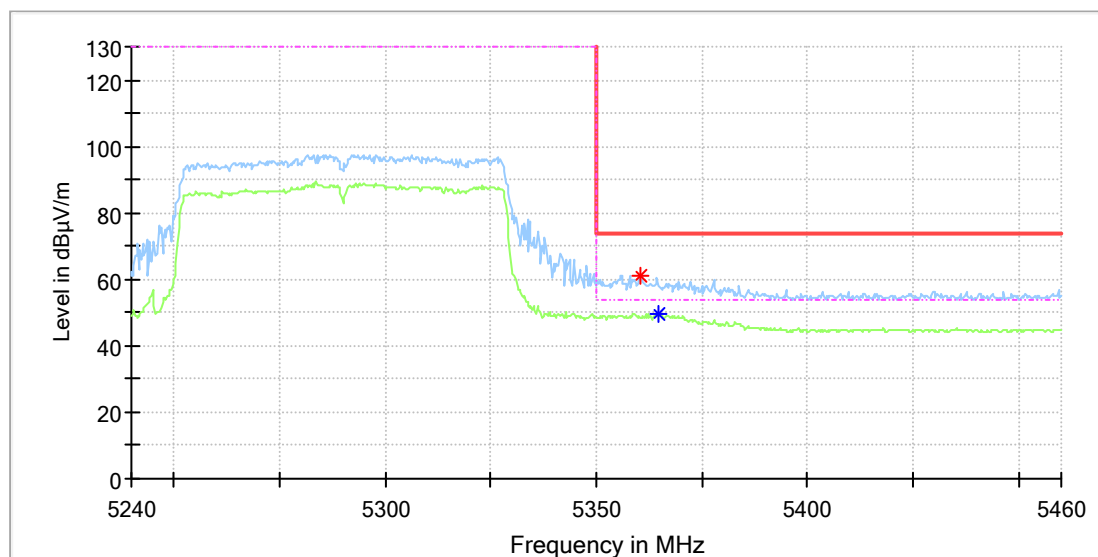
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5142.416667	56.67	---	74.00	17.33	150.0	V	253.0	13.9
5145.694445	---	46.02	54.00	7.98	150.0	V	243.0	13.9

Final Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11ac80_Ch58
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

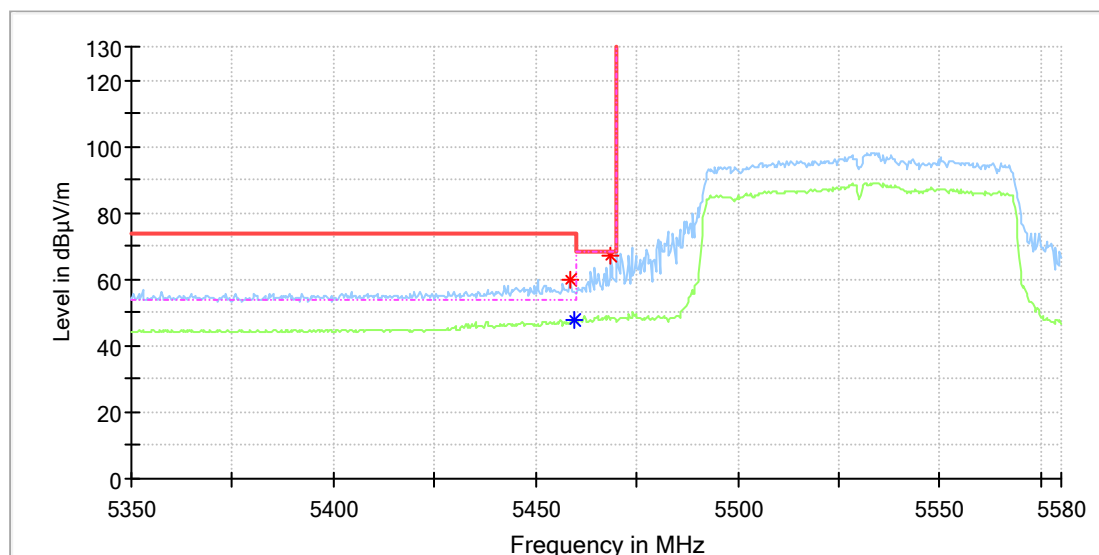
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5360.477778	61.33	---	74.00	12.67	150.0	H	266.0	14.8
5364.600000	---	49.63	54.00	4.37	150.0	H	285.0	14.8

Final Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11ac80_Ch106
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

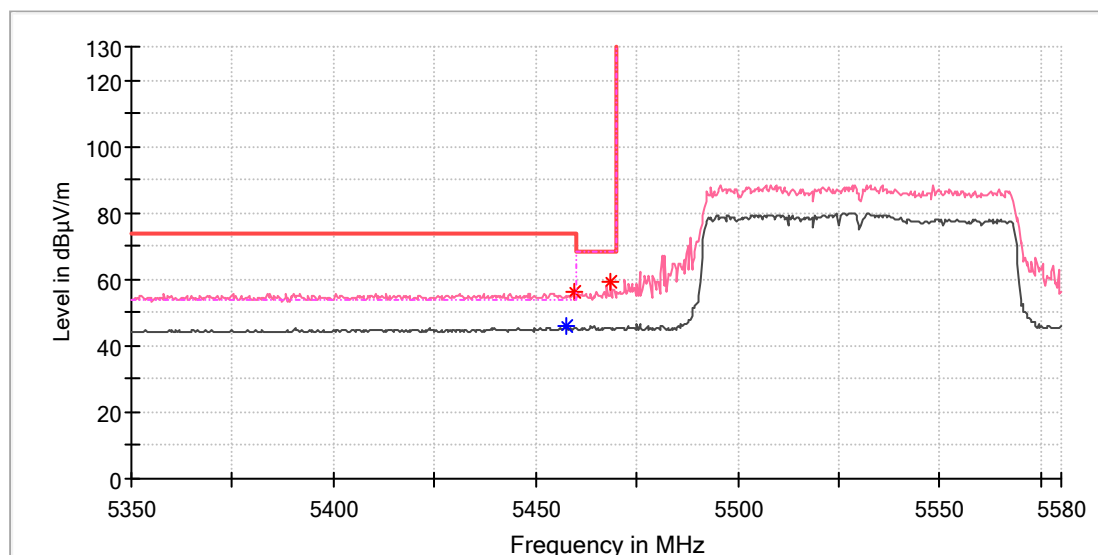
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5458.394445	60.00	---	74.00	14.00	150.0	H	279.0	15.1
5459.377778	---	47.79	54.00	6.21	150.0	H	270.0	15.1
5468.555556	66.20	---	68.20	2.00	150.0	H	270.0	15.1

Final Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11ac80_Ch106
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

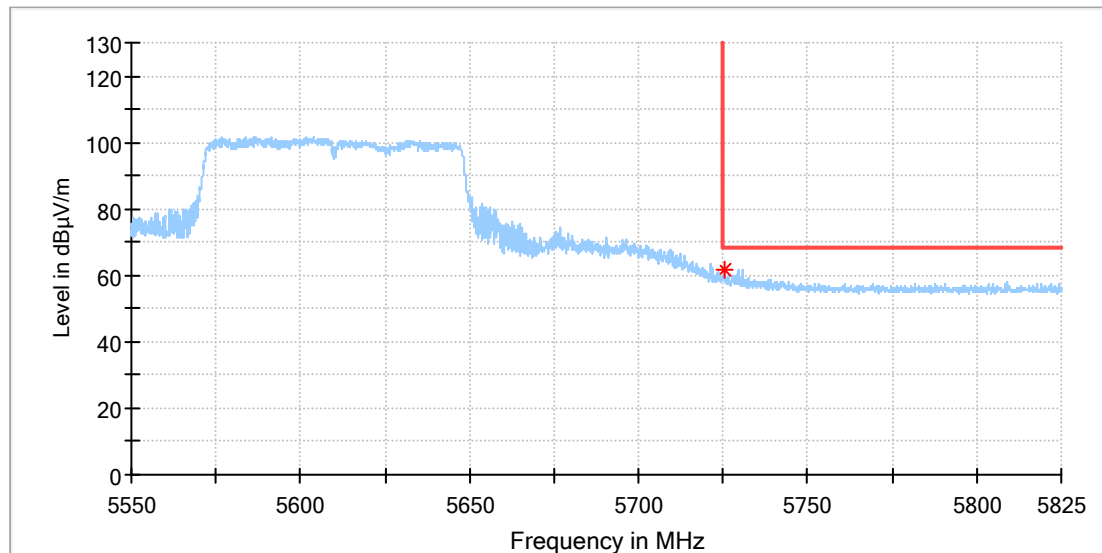
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5245.994445	---	58.55	54.00	-4.55	150.0	V	0.0	14.3
5457.738889	---	45.79	54.00	8.21	150.0	V	20.0	15.1
5459.377778	56.16	---	74.00	17.84	150.0	V	71.0	15.1
5468.555556	59.33	---	68.20	8.87	150.0	V	148.0	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)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11ac80_Ch122
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

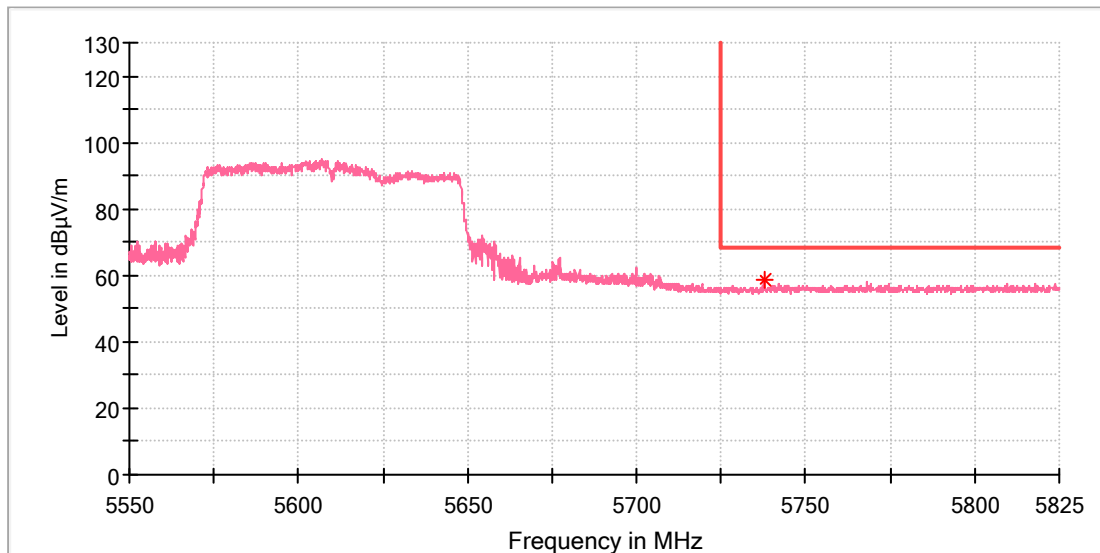
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5725.237500	61.78	68.20	6.42	150.0	H	265.0	15.4

Final_Result

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

EUT Information

EUT Name: Unattended Terminal
Model: U200
Test Mode: WIFI 5G_11ac80_Ch122
Order No/Sample No: 168581279/A004122977-005
Test Voltage: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

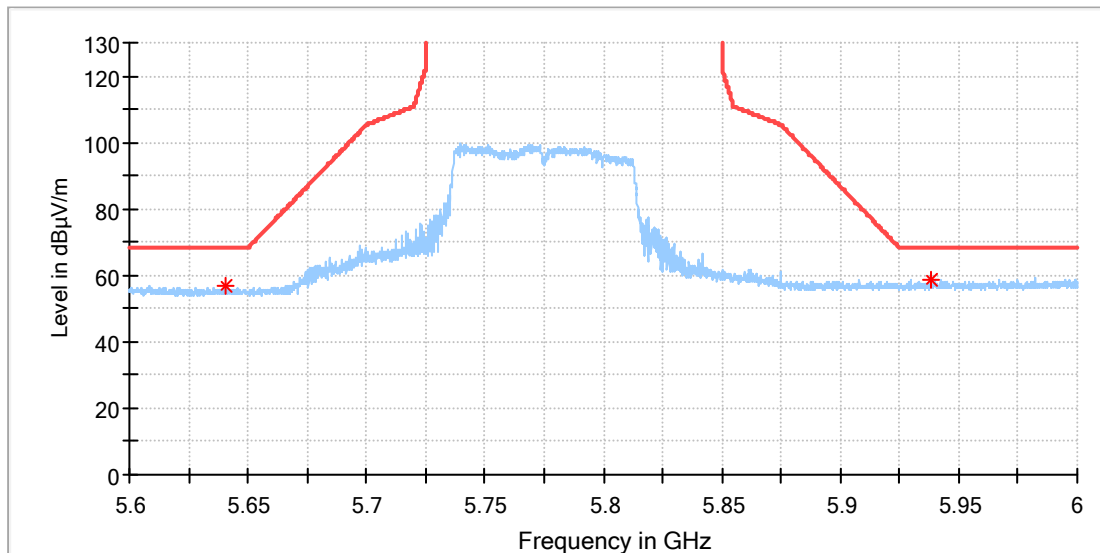
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5737.600000	58.51	68.20	9.69	150.0	V	257.0	15.4

Final_Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11ac80_Ch155
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

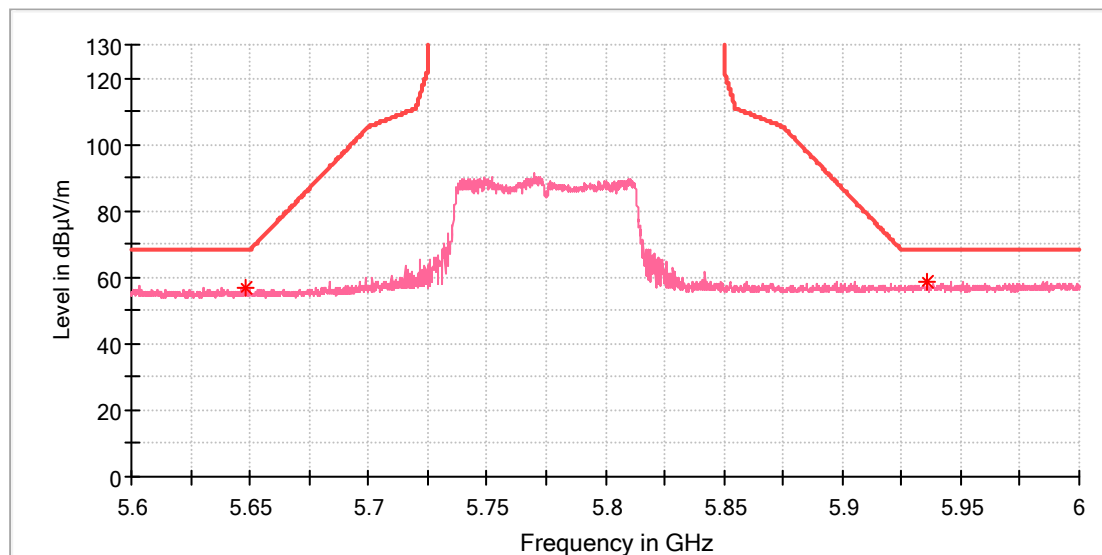
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5640.333333	56.87	68.20	11.33	150.0	H	356.0	15.3
5938.222222	58.80	68.20	9.40	150.0	H	0.0	16.2

Final Result

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

EUT Information

EUT Name: Unattended Terminal
Model: U200
Test Mode: WIFI 5G_11ac80_Ch155
Order No/Sample No: 168581279/A004122977-005
Test Voltage: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

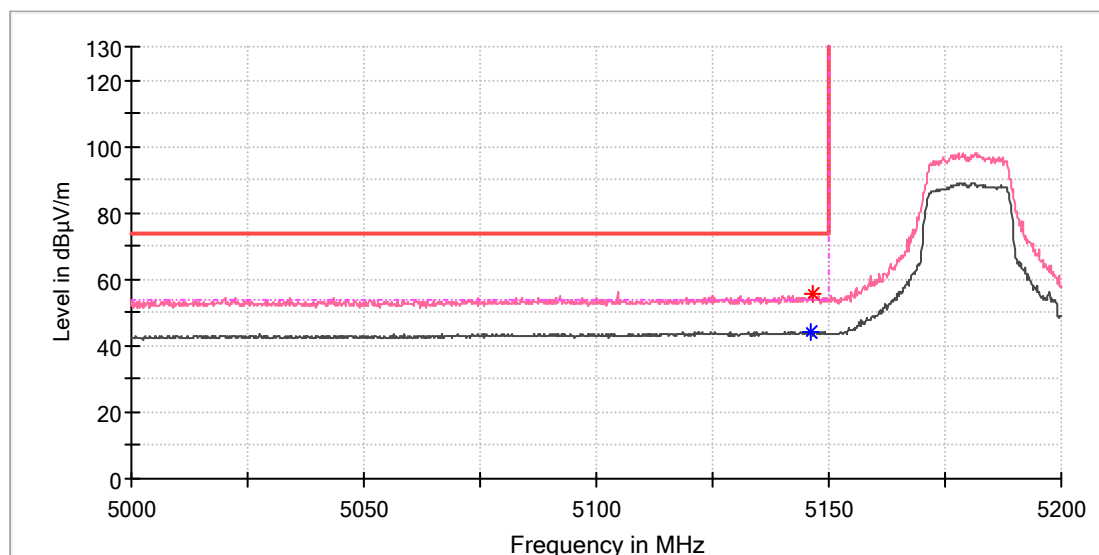
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5648.222222	56.87	68.20	11.33	150.0	V	206.0	15.3
5936.111111	58.59	68.20	9.61	150.0	V	33.0	16.2

Final Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11n20_Ch36
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

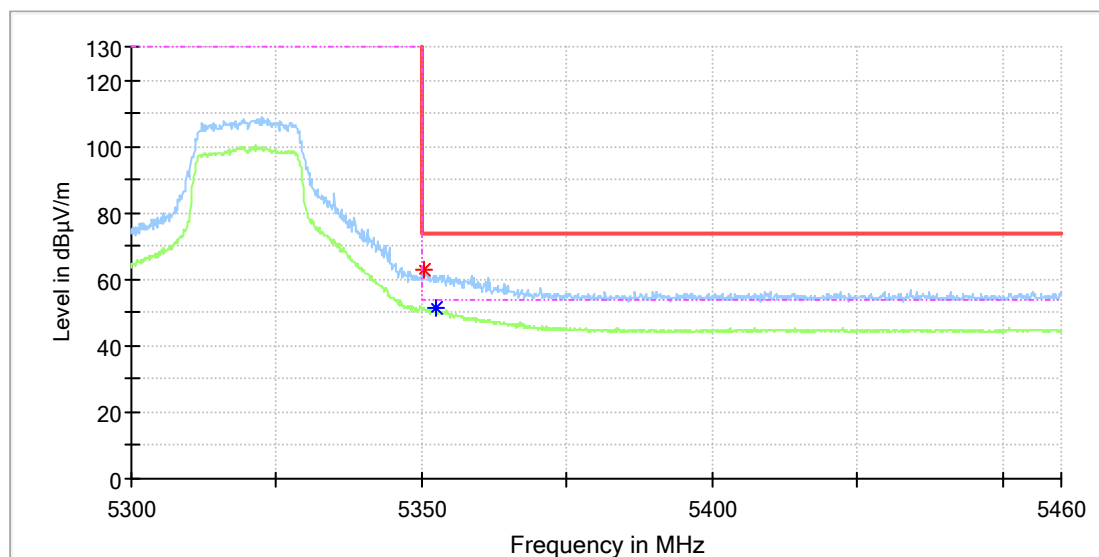
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5145.966667	---	44.20	54.00	9.80	150.0	V	45.0	13.9
5146.450000	55.40	---	74.00	18.60	150.0	V	307.0	13.9

Final Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11n20_Ch64
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

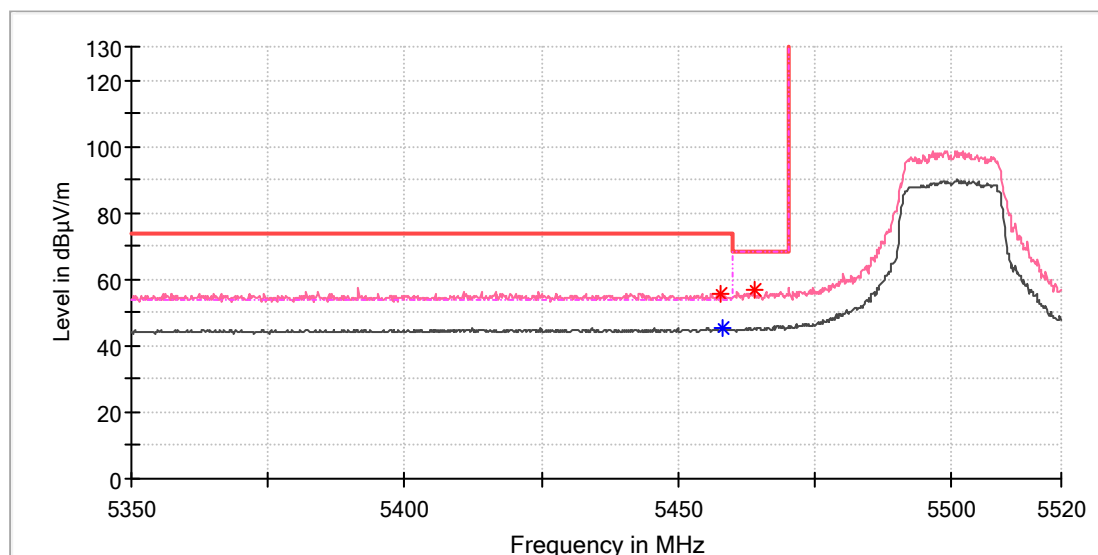
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5350.366667	63.00	---	74.00	11.00	150.0	H	272.0	14.8
5352.411111	---	51.49	54.00	2.51	150.0	H	272.0	14.8

Final Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11n20_Ch100
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

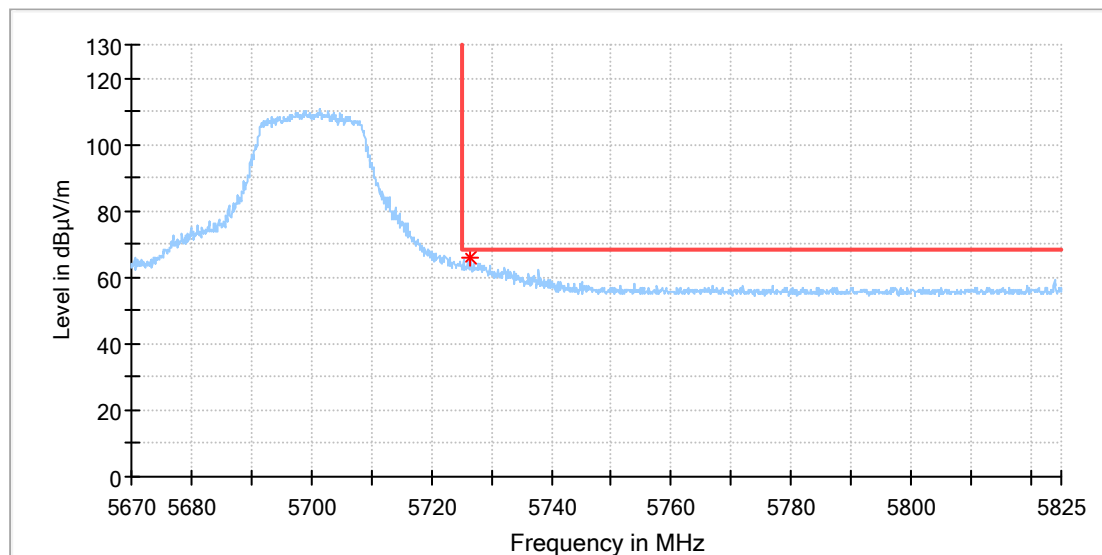
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5457.666667	55.84	---	74.00	18.16	150.0	V	8.0	15.1
5458.166667	---	45.37	54.00	8.63	150.0	V	78.0	15.1
5463.833333	56.77	---	68.20	11.43	150.0	V	115.0	15.1

Final Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11n20_Ch140
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

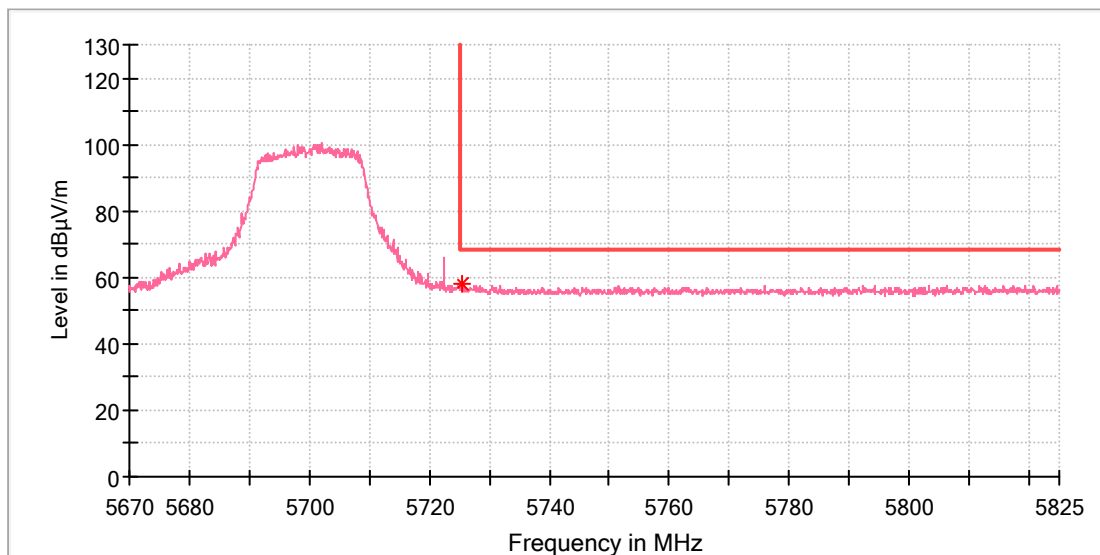
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5726.579167	66.10	68.20	2.10	150.0	H	259.0	15.4

Final Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11n20_Ch140
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

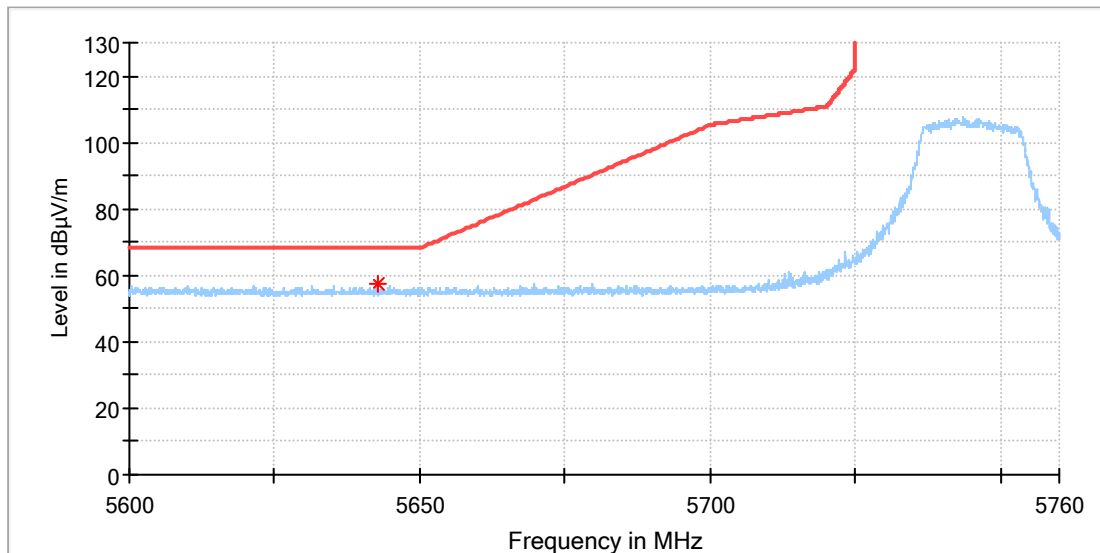
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5725.429167	57.91	68.20	10.29	150.0	V	0.0	15.4

Final Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11n20_Ch149
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

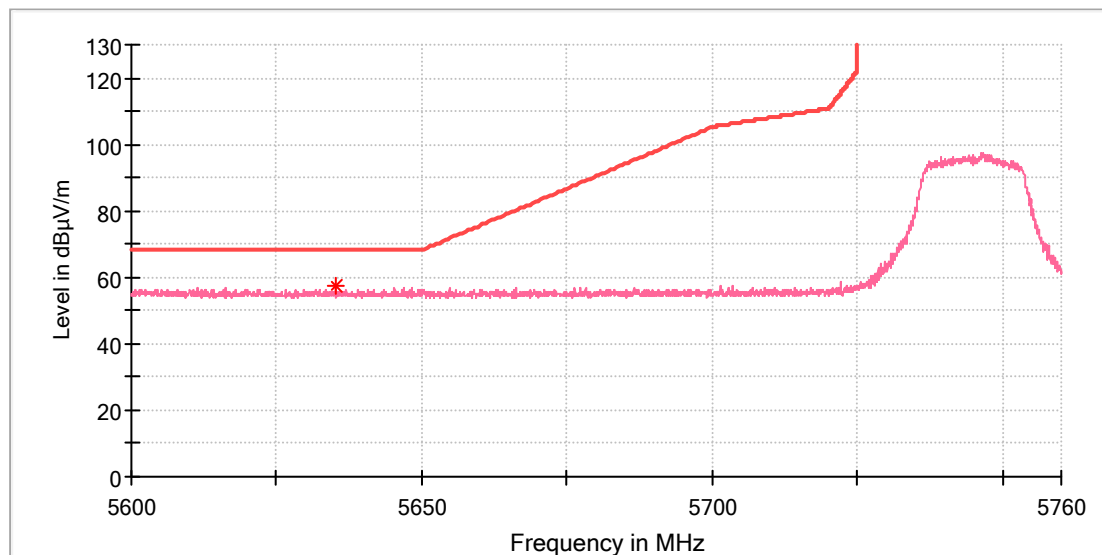
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5642.716667	57.25	68.20	10.95	150.0	H	23.0	15.3

Final_Result

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

EUT Information

EUT Name: Unattended Terminal
Model: U200
Test Mode: WIFI 5G_11n20_Ch149
Order No/Sample No: 168581279/A004122977-005
Test Voltage: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

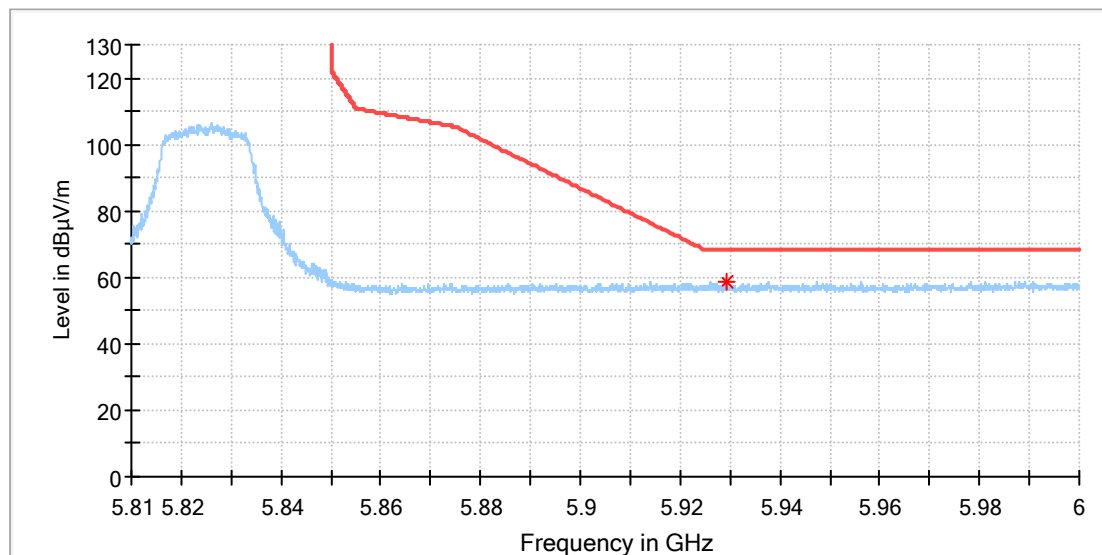
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5635.07778	57.28	68.20	10.92	150.0	V	154.0	15.3

Final_Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11n20_Ch165
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

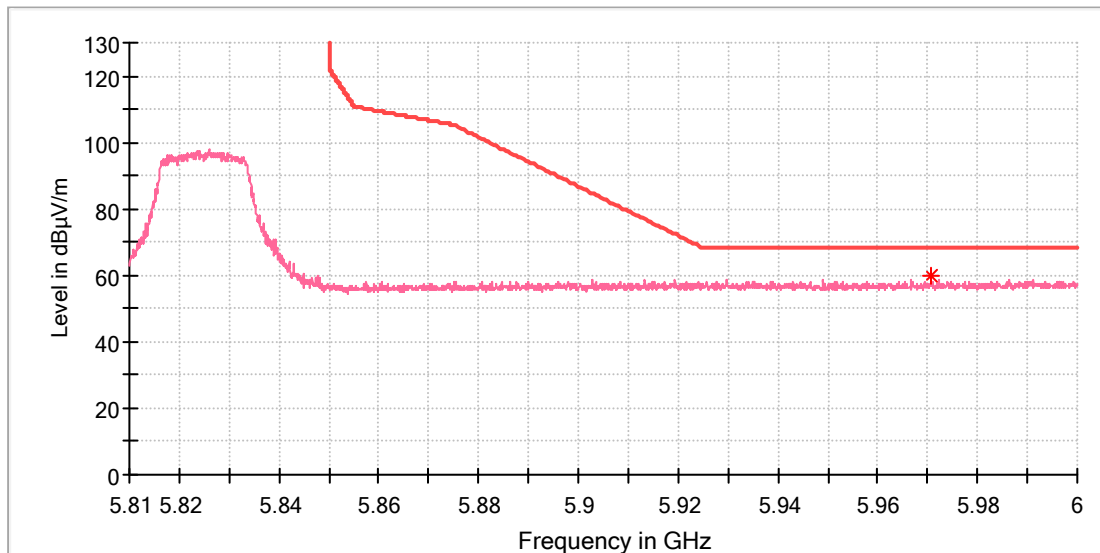
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5929.416667	58.76	68.20	9.44	150.0	H	90.0	16.2

Final_Result

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

EUT Information

EUT Name: Unattended Terminal
Model: U200
Test Mode: WIFI 5G_11n20_Ch165
Order No/Sample No: 168581279/A004122977-005
Test Voltage: 120V/60Hz
Remark: Temp 23 Humi:53%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

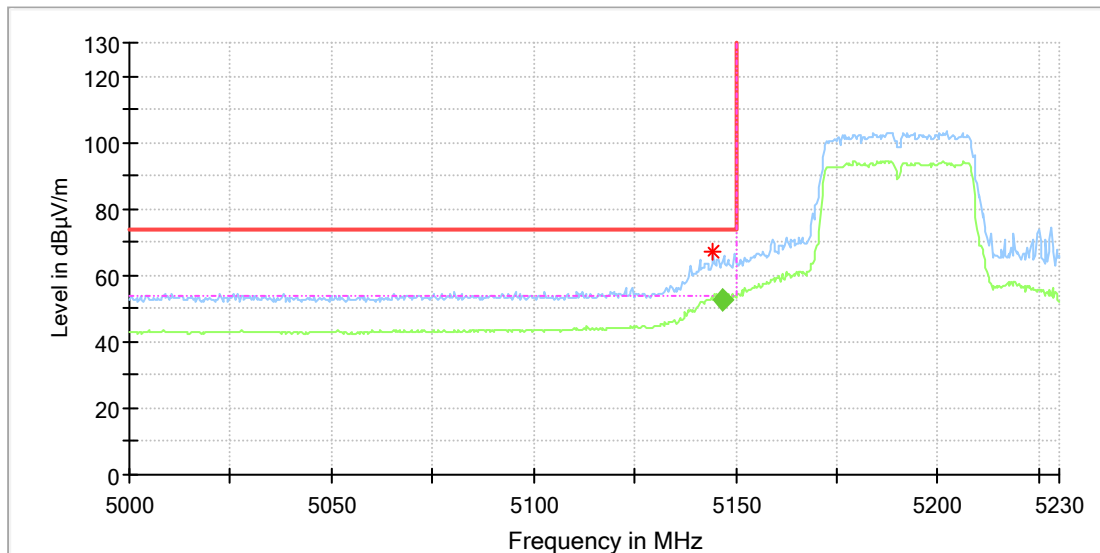
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5970.590278	59.90	68.20	8.30	150.0	V	16.0	16.4

Final_Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11n40_Ch38
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

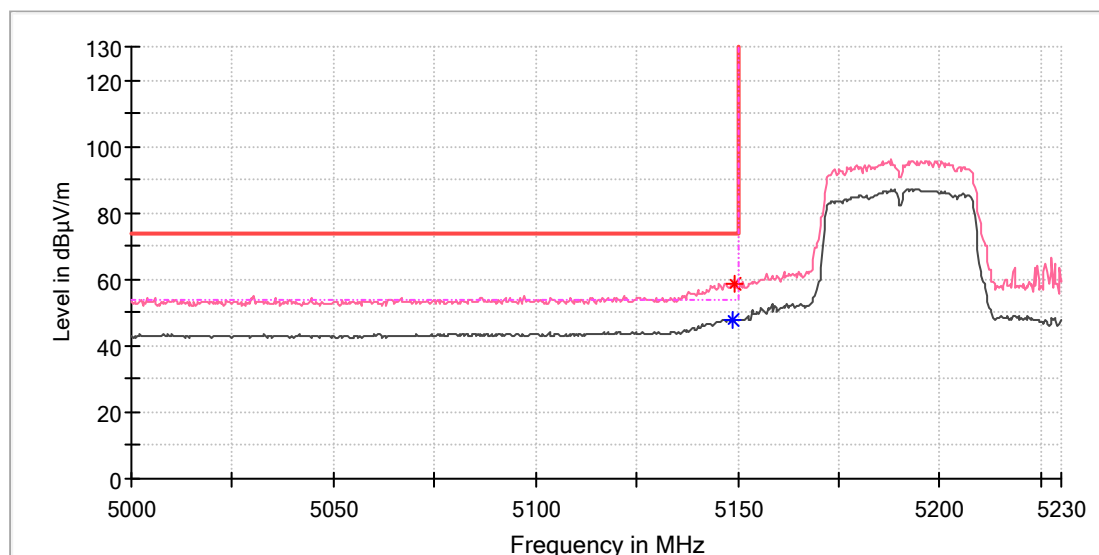
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5144.383333	66.87	---	74.00	7.13	150.0	H	273.0	13.9

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5146.966667	---	52.20	54.00	1.80	150.0	H	273.0	13.9

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11n40_Ch38
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

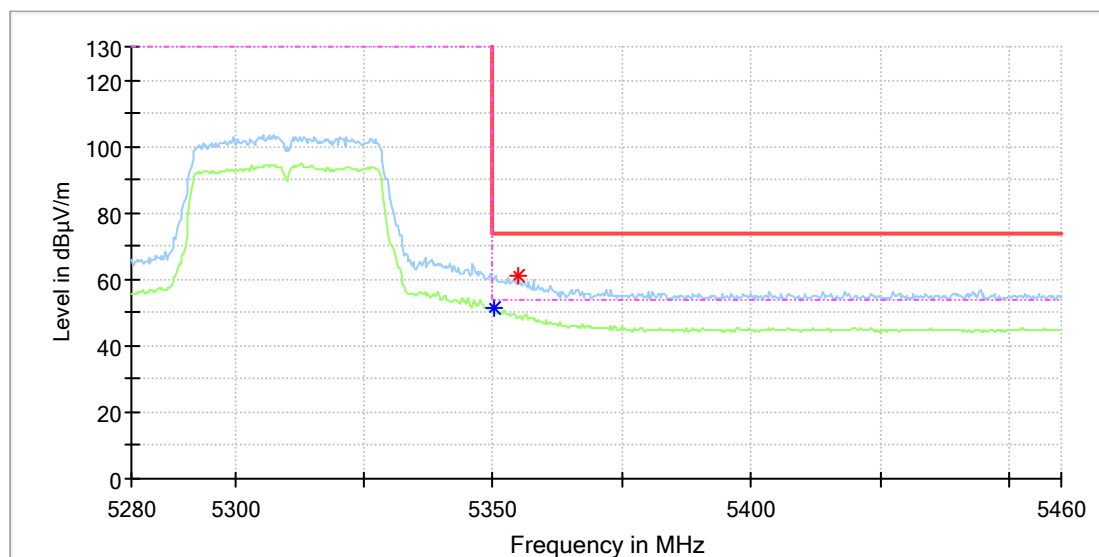
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5148.644445	---	47.97	54.00	6.03	150.0	V	145.0	13.9
5149.300000	58.44	---	74.00	15.56	150.0	V	237.0	13.9

Final Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11n40_Ch62
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

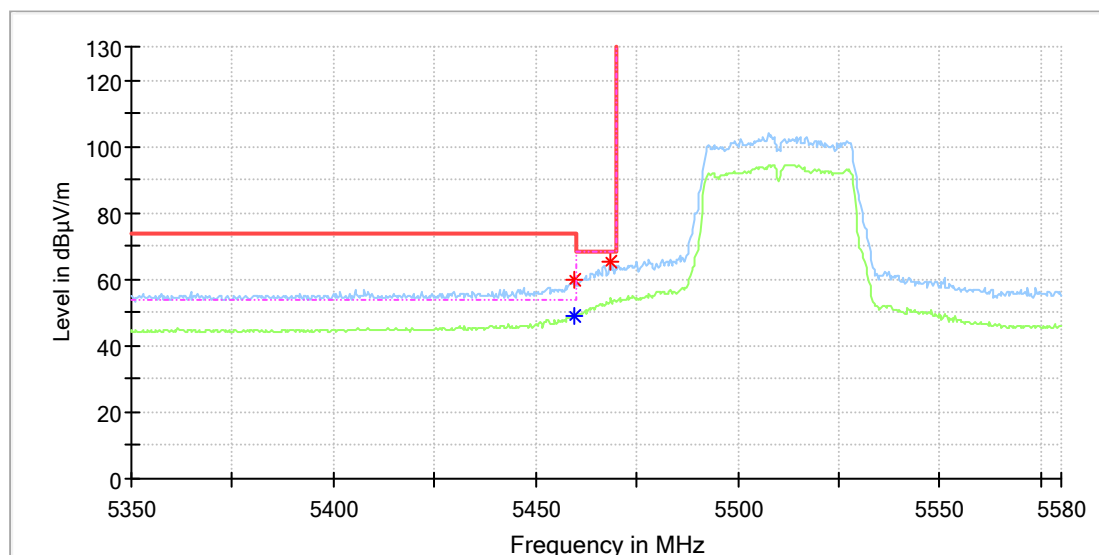
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5350.172222	---	51.25	54.00	2.75	150.0	H	279.0	14.8
5354.883333	61.10	---	74.00	12.90	150.0	H	279.0	14.8

Final Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11n40_Ch102
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

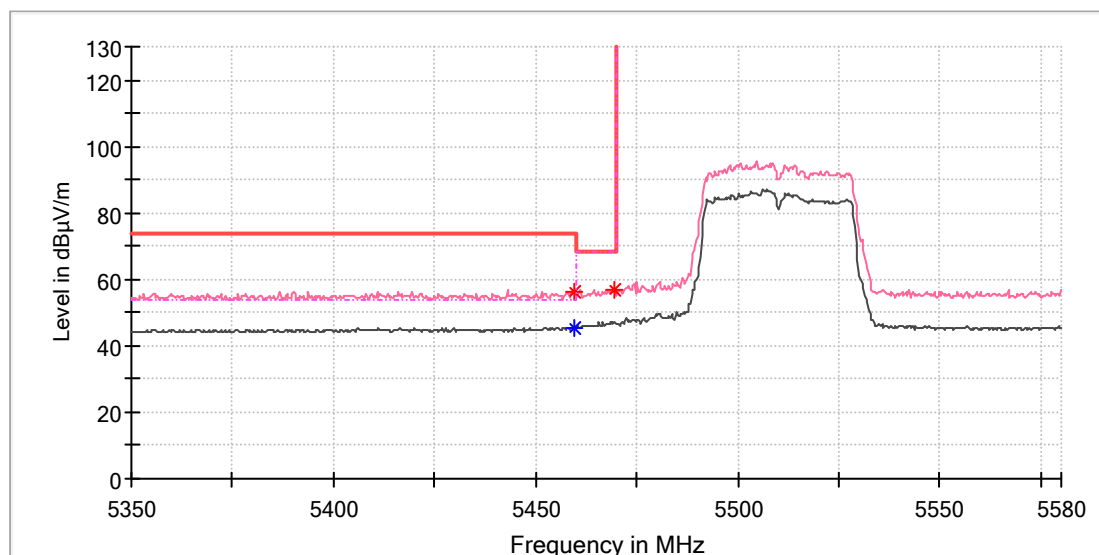
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5459.377778	---	48.85	54.00	5.15	150.0	H	274.0	15.1
5459.377778	59.99	---	74.00	14.01	150.0	H	274.0	15.1
5468.227778	65.39	---	68.20	2.81	150.0	H	278.0	15.1

Final Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11n40_Ch102
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

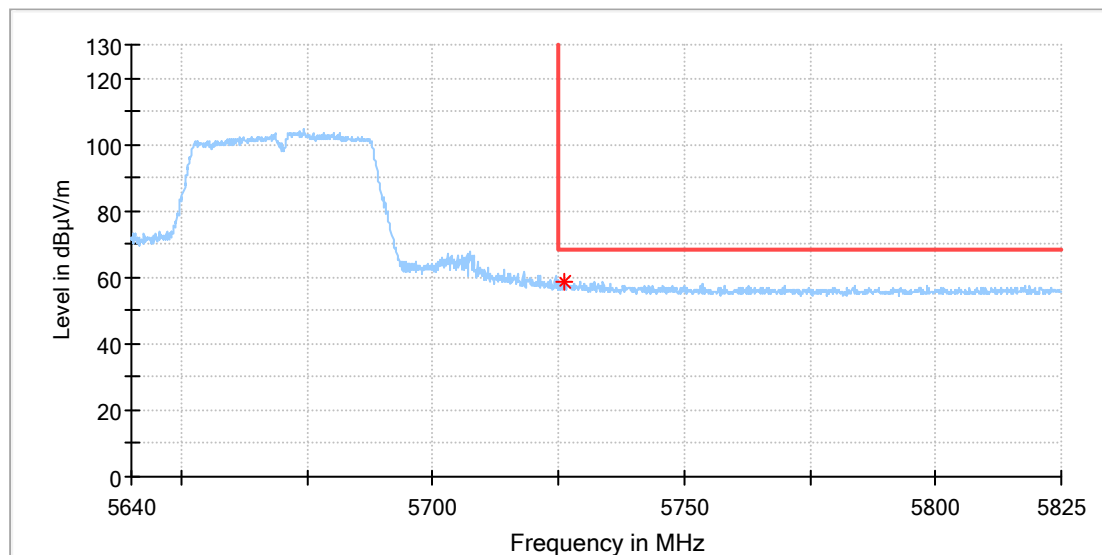
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5459.705556	56.06	---	74.00	17.94	150.0	V	147.0	15.1
5459.705556	---	45.59	54.00	8.41	150.0	V	147.0	15.1
5469.538889	57.10	---	68.20	11.10	150.0	V	13.0	15.1

Final Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11n40_Ch134
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

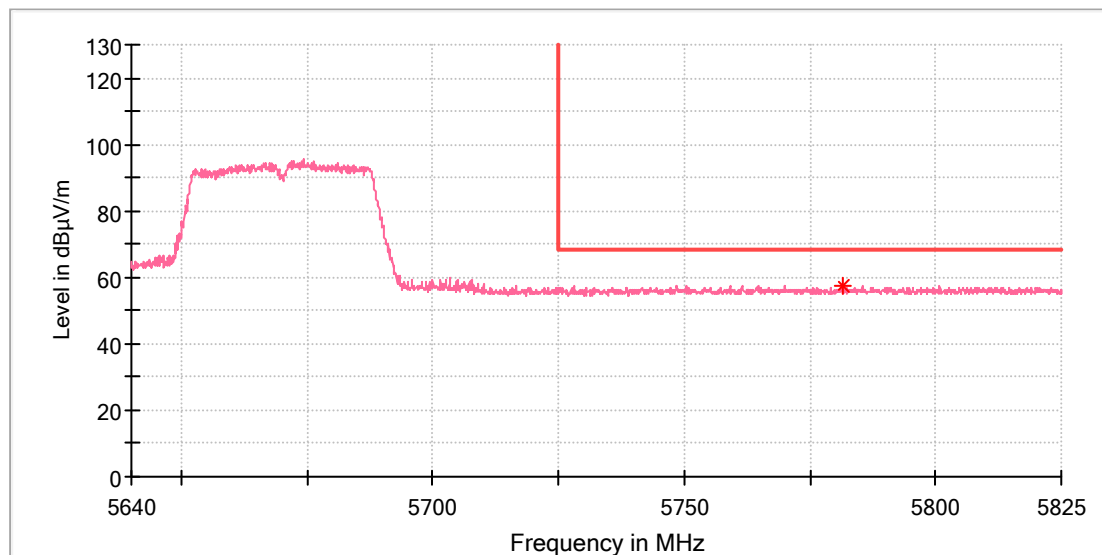
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5726.100000	58.81	68.20	9.39	150.0	H	344.0	15.4

Final Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11n40_Ch134
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

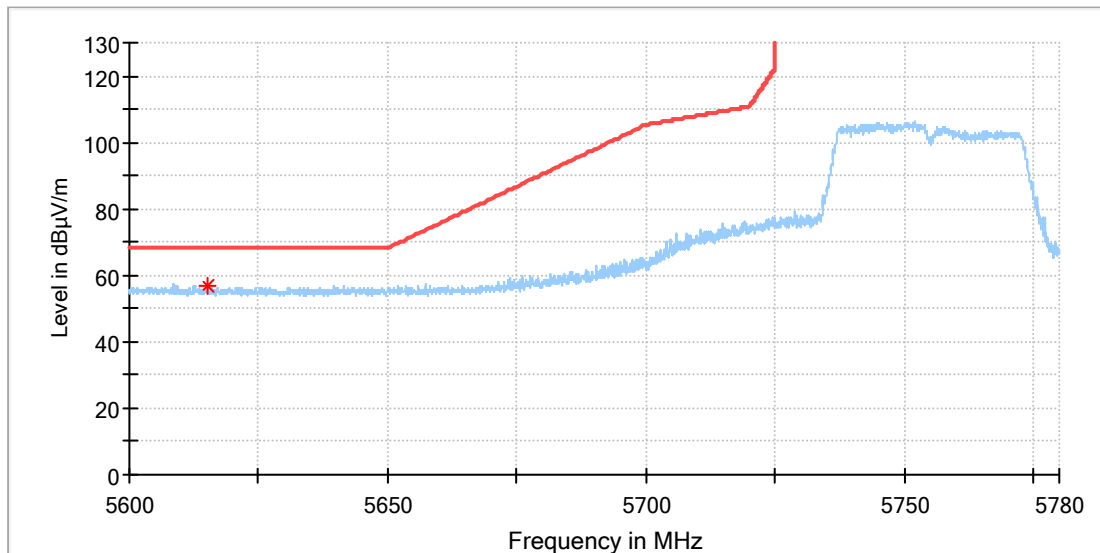
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5781.395833	57.63	68.20	10.57	150.0	V	166.0	15.5

Final Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11n40_Ch151
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

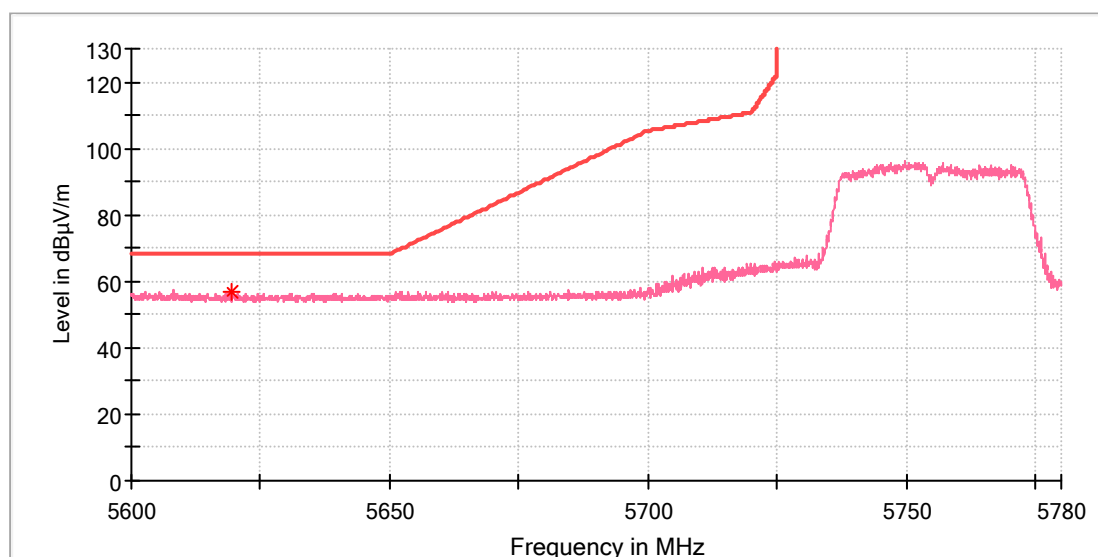
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5615.033333	57.14	68.20	11.06	150.0	H	84.0	15.3

Final_Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11n40_Ch151
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

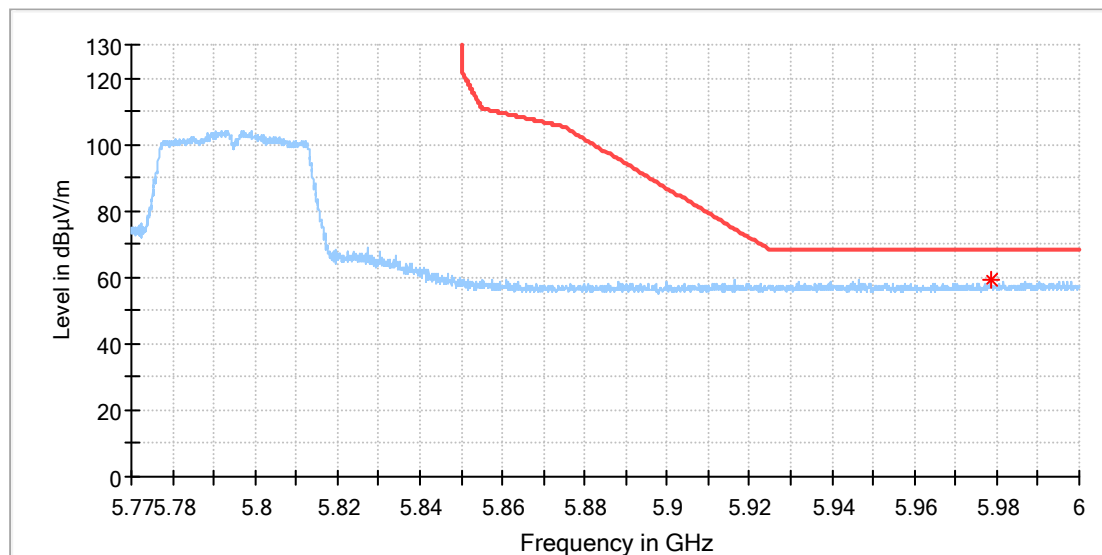
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5619.555556	56.69	68.20	11.51	150.0	V	245.0	15.3

Final_Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11n40_Ch159
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

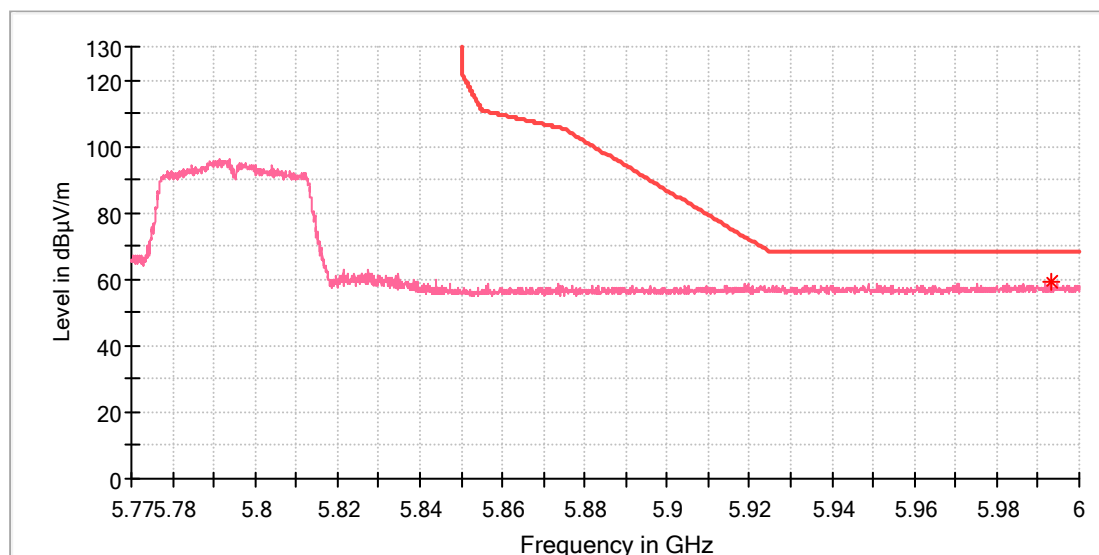
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5978.381945	59.09	68.20	9.11	150.0	H	183.0	16.4

Final Result

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

EUT Information

EUT Name:	Unattended Terminal
Model:	U200
Test Mode:	WIFI 5G_11n40_Ch159
Order No/Sample No:	168581279/A004122977-005
Test Voltage:	120V/60Hz
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)
5993.277778	59.33	68.20	8.87	150.0	V	109.0	16.5

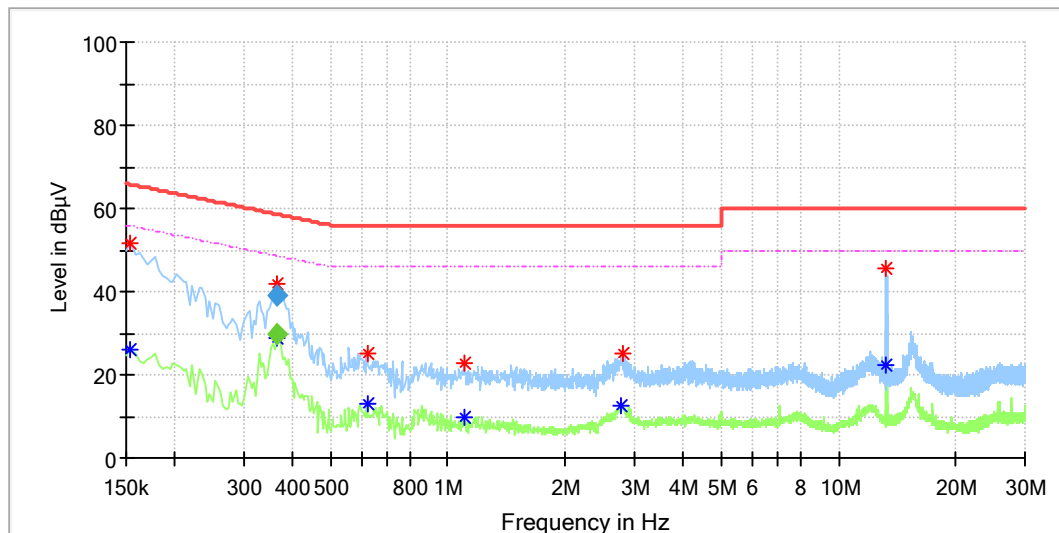
Final Result

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

Appendix A.3: Test Results of AC Conducted emissions

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

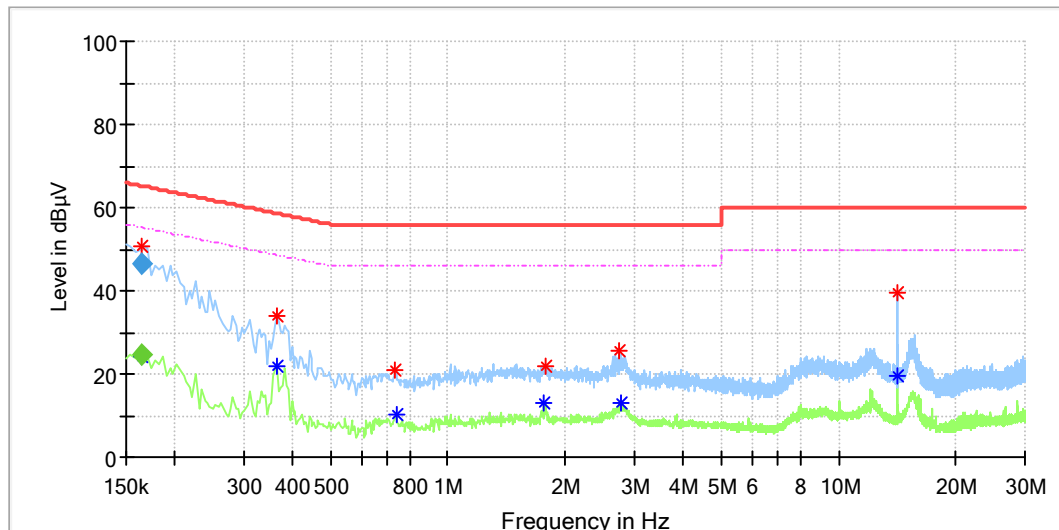
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.15	---	25.89	55.78	29.89	L1	10.24
0.15	51.45	---	65.78	14.34	L1	10.24
0.36	41.84	---	58.50	16.66	L1	10.25
0.36	---	28.90	48.50	19.60	L1	10.25
0.62	---	13.00	46.00	33.00	L1	10.27
0.62	24.95	---	56.00	31.05	L1	10.27
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