

Prüfbericht-Nr.: Test report no.:	CN26WL0Y 002	Auftrags-Nr.: Order no.:	168582447	Seite 1 von 20 Page 1 of 20
Kunden-Referenz-Nr.: Client reference no.:	N/A	Auftragsdatum: Order date:	2025-11-13	
Auftraggeber: Client:	Xiamen Hanin Co.,Ltd. Room 305A, Angye Building, Pioneering Park, Torch High-tech Zone, Xiamen City, Fujian Province, P.R. China			
Prüfgegenstand: Test item:	Barcode Printer, Label Printer, Barcode Label Printer, Thermal Barcode Printer			
Bezeichnung / Typ-Nr.: Identification / Type no.:	iD888W, HiD428W, iD400W, DT400W, DT430W, DT400W, DT430W, SD400W, SD430W, ND400W, ND430W, ED400W, ED430W, JD400W, JD430W, D40W, D43W, SD401W, SD603W, ND400W, iD430W, XD400W, XD430W, iD430W, TD400W, TD430W, FD888W, D8W, FD400W, FD430W, SD400W, V400W, V888W, V410W, V430W, E888W, S888W, N888W, HD200W, HD888W, iD870PW, iD700PW, iD720PW, iD710PW, HD700PW, SD700PW, ND700PW, ED700PW, WD700PW, J-700PW, JD887PW, XD887PW, HD887PW, FJ-700PW, XD700PW, JD700PW, SN700PW, ND710PW, ND720PW, HD710PW, HD720PW, SD710PW, SD720PW, JF700PW, JS700PW, JE700PW, JW700PW, JN700PW			
Auftrags-Inhalt: Order content:	Test Report			
Prüfgrundlage: Test specification:	CFR Title 47 FCC Part 15: Subpart E Section 15.407			
Wareneingangsdatum: Date of sample receipt:	2025-11-15	Please refer to photo documents		
Prüfmuster-Nr.: Test sample no.:	A004127548-001~002			
Prüfzeitraum: Testing period:	2025-11-16 - 2026-01-13			
Ort der Prüfung: Place of testing:	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüflaboratorium: Testing laboratory:	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: Test result*:	Pass			
geprüft von: tested by:			genehmigt von: authorized by:	
Datum: Date:	2026-02-05	Ausstellungsdatum: Issue date:		2026-02-05
Stellung / Position:	Sachverständige(r)/Expert	Stellung / Position:		Sachverständige(r)/Expert
Sonstiges / Other:	FCC ID: 2AUTE-ID888W This report is for 5GHz Wi-Fi.			
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:	Prüfmuster vollständig und unbeschädigt Test item complete and undamaged			
* Legende:	P(ass) = entspricht o.g. Prüfgrundlage(n)	F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	N/A = nicht anwendbar	N/T = nicht getestet
* Legend:	P(ass) = passed a.m. test specification(s)	F(ail) = failed a.m. test specification(s)	N/A = not applicable	N/T = not tested
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. 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.				

Prüfbericht-Nr.: CN26LMQK 002
Test report no.:

Seite 2 von 20
Page 2 of 20

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>

Test Summary

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 MAXIMUM CONDUCTED OUTPUT POWER

RESULT: Pass

5.1.3 CONDUCTED POWER SPECTRAL DENSITY

RESULT: Pass

5.1.4 FREQUENCY STABILITY

RESULT: Pass

5.1.5 26dB BANDWIDTH AND 99% BANDWIDTH

RESULT: Pass

5.1.6 RADIATED SPURIOUS EMISSION

RESULT: Pass

5.1.7 CONDUCTED EMISSION ON AC MAINS

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	7
2.4	CALIBRATION.....	7
2.5	MEASUREMENT UNCERTAINTY	7
2.6	LOCATION OF ORIGINAL DATA	7
2.7	STATUS OF FACILITY USED FOR TESTING	8
3	GENERAL PRODUCT INFORMATION	9
3.1	PRODUCT FUNCTION AND INTENDED USE	9
3.2	RATINGS AND SYSTEM DETAILS.....	9
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	<i>Antenna Requirement.....</i>	<i>14</i>
5.1.2	<i>Maximum Conducted Output Power.....</i>	<i>15</i>
5.1.3	<i>Conducted Power Spectral Density.....</i>	<i>16</i>
5.1.4	<i>Frequency Stability.....</i>	<i>17</i>
5.1.5	<i>26dB Bandwidth and 99% Bandwidth</i>	<i>18</i>
5.1.6	<i>Radiated Spurious Emission</i>	<i>19</i>
5.1.7	<i>Conducted Emission on AC Mains.....</i>	<i>20</i>
6	PHOTOGRAPHS OF THE TEST SET-UP	21
7	LIST OF TABLES.....	21

1 General Remarks

1.1 Complementary Materials

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

Appendix A: Test Results of 5GHz Wi-Fi

Appendix B: Photographs of 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

FCC Accreditation Designation No.: 694916

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Radio Spectrum Testing (SRD-Tonscend)					
Equipment	Manufacturer	Model	Serial No.	Cal. Date	Cal. until
EXA Signal Analyzer, Multi-touch	Keysight	N9010B	MY60241175	2025-09-23	2026-09-22
MXG X-Series RF Vector Signal Generator	Keysight	N5182B	MY61250137	2025-09-23	2026-09-22
EXG X-Series Microwave Analog Signal Generator	Keysight	N5173B	MY61250141	2025-09-23	2026-09-22
DC power supply	Keysight	E3642A	MY61276100	2025-09-23	2026-09-22
Wireless Connectivity Tester	R&S	CMW270	102505	2025-09-23	2026-09-22
Power Control Unit	Tonscend	JS0806-4ADC	N/A	2025-09-23	2026-09-22
Automation Control Unit	Tonscend	JS0806-2	21C8060396	2025-09-23	2026-09-22
Test Software	Tonscend	JS1120-3	N/A	N/A	N/A
Control PC	Lenovo	TianYi510S-071MB	YLX23JMF	N/A	N/A
Shielding Room	Albatross	SR1	APC17151-SR1	2024-09-14	2027-09-13
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	ETS-LINDGREN	3117	00218717	2024-09-28	2026-09-27

Antenna (1-18 GHz)					
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
Conducted Emission					
Equipment	Manufacturer	Model No.	Serial No.	Cal. Until	
EMI Test Receiver	R&S	ESR3	102680	2026-02-09	
Artificial Mains Network	R&S	ENV216	102333	2026-07-18	
EMC32 test software	R&S	EMC32(Ver.10.50.0 0)	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

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 a Barcode Printer with 2.4GHz/5.2G/5.8G Wi-Fi functions.

According to the declaration of the applicant, the schematics, PCB layout and electronic components are identical, only the model no. is different for market strategy.

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	Barcode Printer, Label Printer, Barcode Label Printer, Thermal Barcode Printer
Type Designation	iD888W, HiD428W, iD400W, DT400W, DT430W, DT400W, DT430W, SD400W, SD430W, ND400W, ND430W, ED400W, ED430W, JD400W, JD430W, D40W, D43W, SD401W, SD603W, ND400W, iD430W, XD400W, XD430W, iD430W, TD400W, TD430W, FD888W, D8W, FD400W, FD430W, SD400W, V400W, V888W, V410W, V430W, E888W, S888W, N888W, HD200W, HD888W, iD870PW, iD700PW, iD720PW, iD710PW, HD700PW, SD700PW, ND700PW, ED700PW, WD700PW, J-700PW, JD887PW, XD887PW, HD887PW, FJ-700PW, XD700PW, JD700PW, SN700PW, ND710PW, ND720PW, HD710PW, HD720PW, SD710PW, SD720PW, JF700PW, JS700PW, JE700PW, JW700PW, JN700PW
Operating Voltage	Adapter operated (24Vdc, 2.5A)
Test Voltage	AC 120V, 50Hz
Operating Temperature Range	0°C ~ +40 °C
Technical Specification of 5GHz Wi-Fi	
Operating Frequency:	5180-5240MHz, 5745-5825MHz
Protocol:	802.11 a/n20/n40
Channel Number:	5180-5240MHz, 4CHs, 5745-5825MHz, 5CHs
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
Channel Separation:	20MHz, 40MHz
Antenna Type:	Integral Antenna
Antenna Number:	1x1 TRX
Antenna Gain:	-1.81 dBi max (Provided by the Client)

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

Table 4: RF Channel and Frequency of 5GHz Wi-Fi

U-NII-1				
20MHz Bandwidth		40MHz Bandwidth		80MHz Bandwidth
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Not support
36	5180	38	5190	
40	5200	46	5230	
44	5220			
48	5240			

U-NII-3				
20MHz Bandwidth		40MHz Bandwidth		80MHz Bandwidth
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Not support
149	5745	151	5755	
153	5765	159	5795	
157	5785			
161	5805			
165	5825			

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, 5G Wi-Fi wireless transmitting mode
 - 1. Low channel
 - 2. Middle channel
 - 3. High channel
- B. On, 5G 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, ANSI C63.10:2020+Cor. 1:2023+ C63.10a:2024.

According to clause 3.1, all tests were performed on model *iD888W* in this report.

4.3 Special Accessories and Auxiliary Equipment

Table 5: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N
Portable Laptop	Lenovo	ThinkPad T480	10Q67059

4.4 Countermeasures to Achieve EMC Compliance

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

No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

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

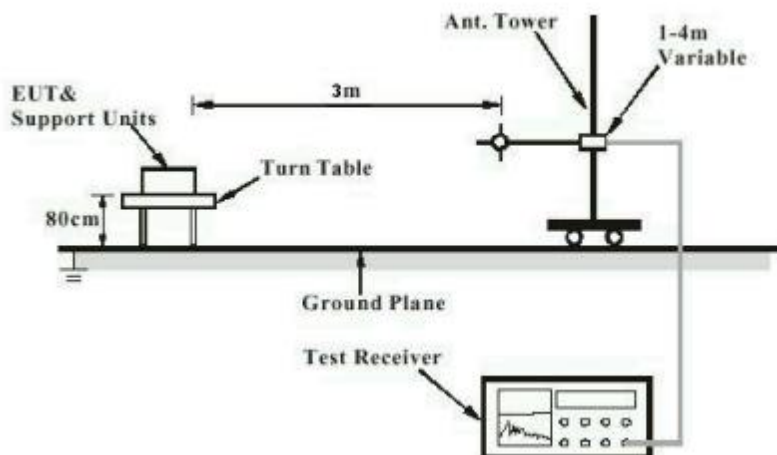


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)

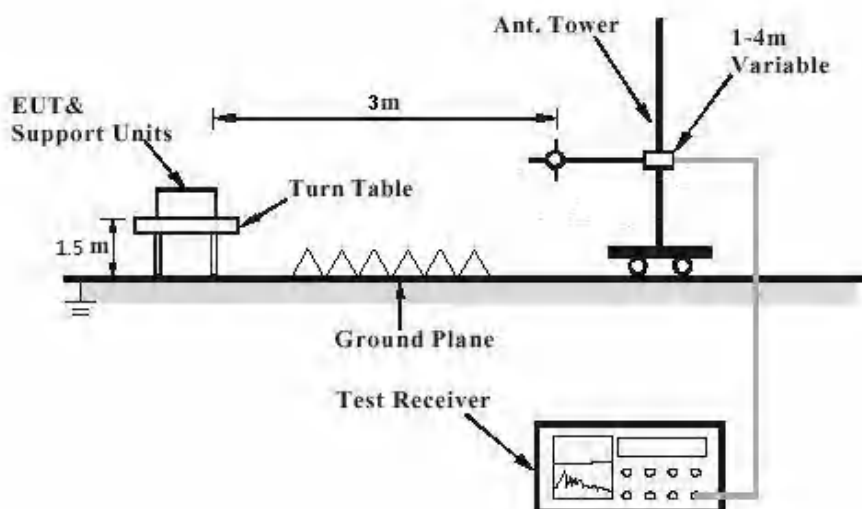


Diagram of Measurement Configuration for Mains Conduction Measurement

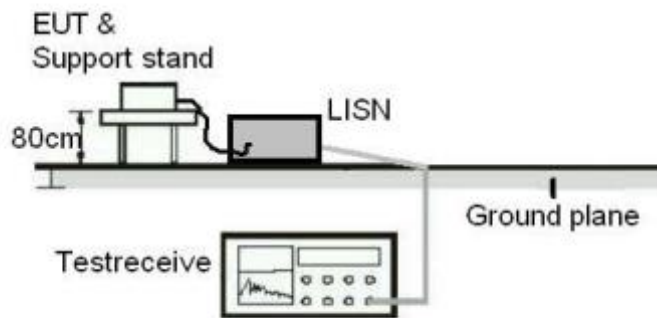
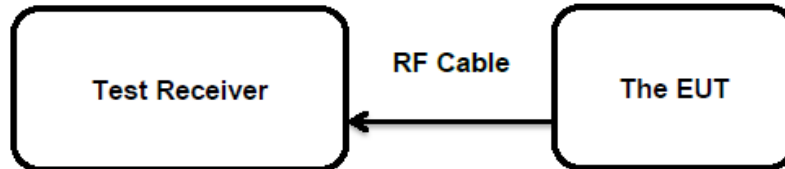


Diagram of Measurement Configuration for Conducted Transmitter Measurement



5 Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:

Pass

Test Specification

Test standard : FCC Part 15.203

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

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

Refer to EUT Photo for further details.

Prüfbericht - Nr.: **CN26WL0Y 002**
Test Report No.:Seite 15 von 21
Page 15 of 21

5.1.2 Maximum Conducted Output Power

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

Test standard : FCC Part 15.407(a)(1)&(2)&(4)

Basic standard : ANSI C63.10:2020, ANSI C63.10:2020+Cor. 1:2023+
C63.10a:2024

Limits : <250mW (24dBm) (5150-5250MHz)
<1W (30dBm) (5725-5850MHz)

Kind of test site : Shielded Room

Test Setup

Date of testing : 2025-11-16 - 2026-01-13

Input voltage : AC 120V, 60Hz

Operation mode : A

Test channel : Low / Middle / High

Ambient temperature : 25 °C

Relative humidity : 45 %

Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix A.

Prüfbericht - Nr.: **CN26WL0Y 002**
Test Report No.:Seite 16 von 21
Page 16 of 21

5.1.3 Conducted Power Spectral Density

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

Test standard : FCC part 15.407(a)

Basic standard : ANSI C63.10:2020, ANSI C63.10:2020+Cor. 1:2023+
C63.10a:2024
KDB 789033 D02 v01r03

Limits : <11dBm/MHz (5150-5250MHz 5250-5350MHz, 5470-
5725MHz)
<30dBm/500kHz (5725-5850MHz)

Kind of test site : Shielded Room

Test Setup

Date of testing : 2025-11-16 - 2026-01-13

Input voltage : AC 120V, 60Hz

Operation mode : A

Test channel : Low / Middle / High

Ambient temperature : 25 °C

Relative humidity : 45 %

Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix A.

Prüfbericht - Nr.: CN26WL0Y 002
Test Report No.:

Seite 17 von 21
Page 17 of 21

5.1.4 Frequency Stability

RESULT:

Pass

Test Specification

Test standard : FCC Part 15.407(g)

Basic standard : ANSI C63.10:2020, ANSI C63.10:2020+Cor. 1:2023+
C63.10a:2024

Limits : Within assigned bands

Kind of test site : Shielded Room

Test Setup

Date of testing : 2025-11-16 - 2026-01-13

Input voltage : AC 120V, 60Hz

Operation mode : A

Test channel : Low / Middle / High

Ambient temperature : 25 °C

Relative humidity : 45 %

Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix A.

Prüfbericht - Nr.: **CN26WL0Y 002**
Test Report No.:Seite 18 von 21
Page 18 of 21**5.1.5 26dB Bandwidth and 99% Bandwidth****RESULT:****Pass****Test Specification**

Test standard : FCC Part 15.407

Basic standard : ANSI C63.10:2020, ANSI C63.10:2020+Cor. 1:2023+
C63.10a:2024

Limits : N/A

Kind of test site : Shielded Room

Test Setup

Date of testing : 2025-11-16 - 2026-01-13

Input voltage : AC 120V, 60Hz

Operation mode : A

Test channel : Low / Middle / High

Ambient temperature : 25 °C

Relative humidity : 45 %

Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix A.

5.1.6 Radiated Spurious Emission

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

Test standard	: FCC Part 15.407(b) & FCC Part 15.205 & FCC Part 15.209
Basic standard	: ANSI C63.10:2020, 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 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge. Restricted Bands meet the requirement of 15.209 limit
Kind of test site	: 3m Semi-anechoic Chamber

Test Setup

Date of testing	: 2025-11-16 - 2026-01-13
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.

Prüfbericht - Nr.: CN26WL0Y 002
Test Report No.:

Seite 20 von 21
Page 20 of 21

5.1.7 Conducted Emission on AC Mains

RESULT:

Pass

Test Specification

Test standard	: FCC Part 15.207(a)
Basic standard	: ANSI C63.10:2020 and ANSI C63.10:2020+Cor. 1:2023+ C63.10a:2024
Frequency range	: 0.15 – 30MHz
Limits	: FCC Part 15.207(a)
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2025-11-16 - 2026-01-13
Input voltage	: AC 120V, 60Hz
Operation mode	: B
Earthing	: Not connected
Ambient temperature	: 24.9 °C
Relative humidity	: 52.1 %
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

Table 1: List of Test and Measurement Equipment.....	6
Table 2: Measurement Uncertainty	7
Table 3: Technical Specification of EUT.....	8
Table 4: RF Channel and Frequency of 5GHz Wi-Fi.....	9
Table 5: List of Accessories and Auxiliary Equipment.....	10

Appendix A: Test Results of 5GHz Wi-Fi

APPENDIX A: TEST RESULTS OF 5GHZ WI-FI	1
1.1 APPENDIX A1: EMISSION BANDWIDTH	2
1.1.1 Test Result	2
1.1.2 Test Graphs.....	3
1.2 APPENDIX A2: OCCUPIED CHANNEL BANDWIDTH.....	6
1.2.1 Test Result	6
1.2.2 Test Graphs.....	7
1.3 APPENDIX A3: MIN EMISSION BANDWIDTH	13
1.3.1 Test Result	13
1.3.2 Test Graphs.....	14
1.4 APPENDIX A4: MAXIMUM CONDUCTED OUTPUT POWER.....	17
1.4.1 Test Result	17
1.5 APPENDIX A5: MAXIMUM POWER SPECTRAL DENSITY	18
1.5.1 Test Result	18
1.5.2 Test Graphs.....	19
1.6 APPENDIX A6: FREQUENCY STABILITY	25
1.6.1 Test Result	25
1.7 APPENDIX A7: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS	26
1.8 APPENDIX A8: RADIATED EMISSIONS IN RESTRICTED BANDS.....	45
1.9 APPENDIX A9: CONDUCTED EMISSION.....	69

1.1 Appendix A1: Emission Bandwidth

1.1.1 Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.120	5169.560	5190.680	---	---
		5200	21.480	5189.480	5210.960	---	---
		5240	22.400	5228.920	5251.320	---	---
11N20SISO	Ant1	5180	23.160	5168.320	5191.480	---	---
		5200	21.200	5189.480	5210.680	---	---
		5240	21.200	5229.520	5250.720	---	---
11N40SISO	Ant1	5190	38.800	5170.880	5209.680	---	---
		5230	38.320	5211.120	5249.440	---	---





11N20SISO Ant1 5180



11N20SISO Ant1 5200



11N20SISO Ant1 5240



1.2 Appendix A2: Occupied channel bandwidth

1.2.1 Test Result

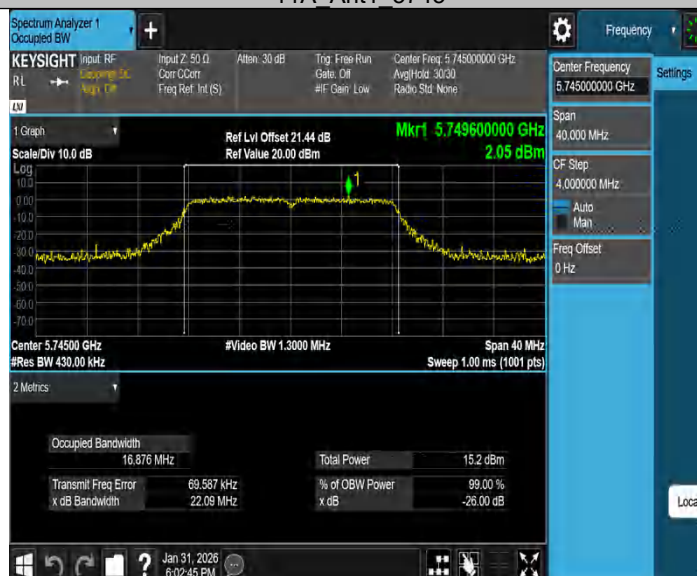
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.934	5171.6690	5188.6030	---	---
		5200	16.907	5191.6759	5208.5829	---	---
		5240	16.986	5231.6140	5248.6000	---	---
		5745	16.876	5736.6316	5753.5076	---	---
		5785	16.969	5776.4820	5793.4510	---	---
		5825	16.837	5816.6434	5833.4804	---	---
11N20SISO	Ant1	5180	18.078	5171.0929	5189.1709	---	---
		5200	18.123	5191.0687	5209.1917	---	---
		5240	18.357	5230.9163	5249.2733	---	---
		5745	18.024	5736.0691	5754.0931	---	---
		5785	17.926	5776.1165	5794.0425	---	---
		5825	17.932	5816.1636	5834.0956	---	---
11N40SISO	Ant1	5190	36.037	5172.1002	5208.1372	---	---
		5230	36.005	5212.1135	5248.1185	---	---
		5755	36.002	5737.1136	5773.1156	---	---
		5795	36.008	5777.1122	5813.1202	---	---

1.2.2 Test Graphs

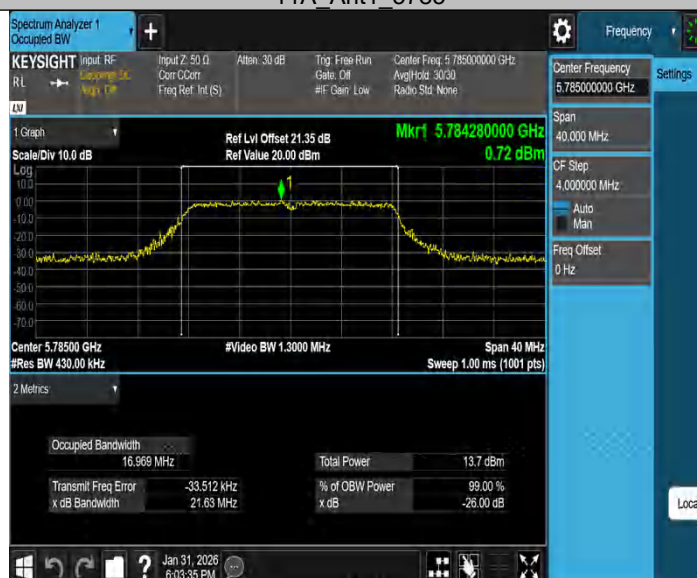




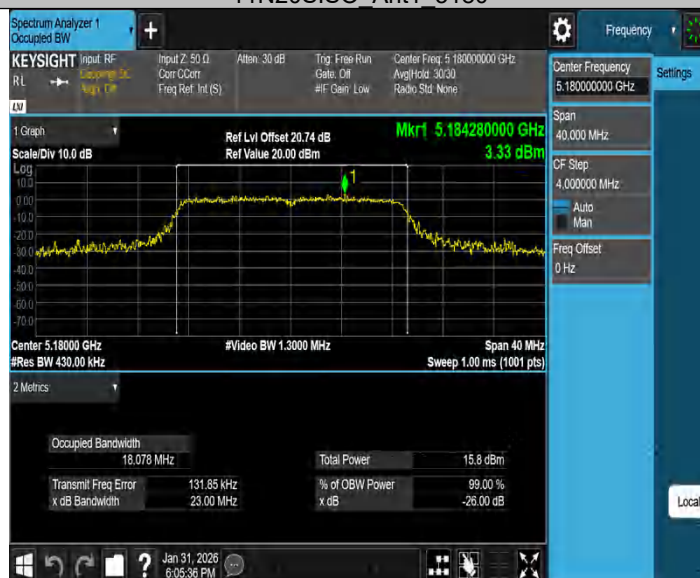
11A_Ant1_5745

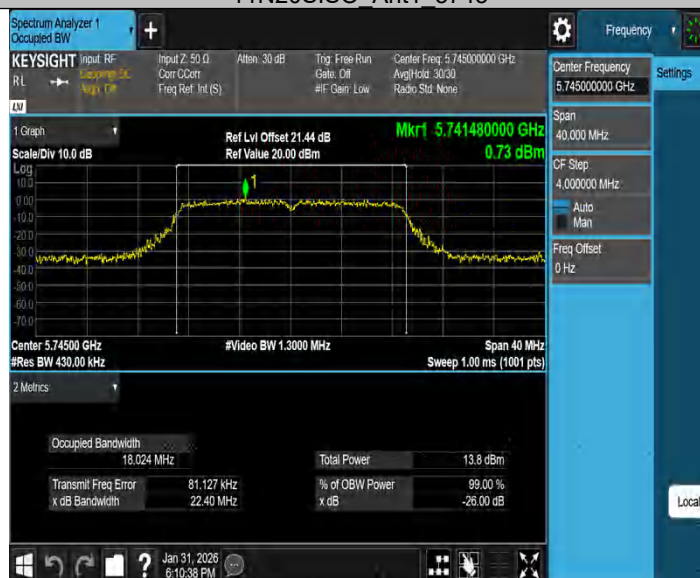


11A_Ant1_5785



11A_Ant1_5825



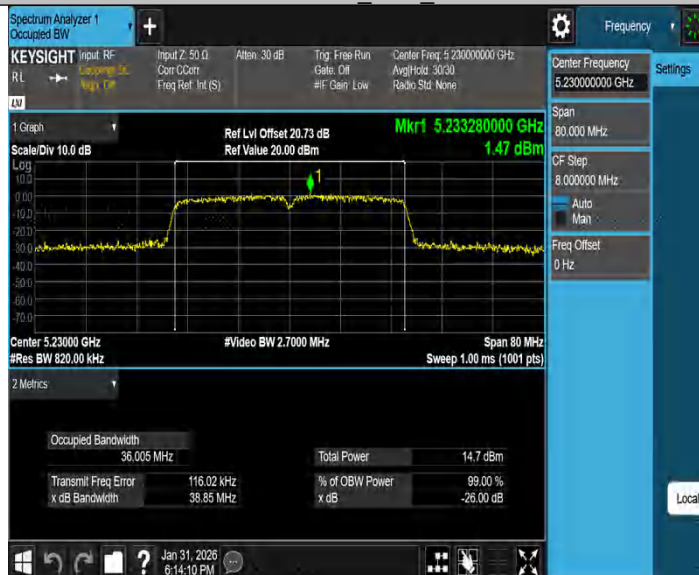




11N40SISO Ant1 5190



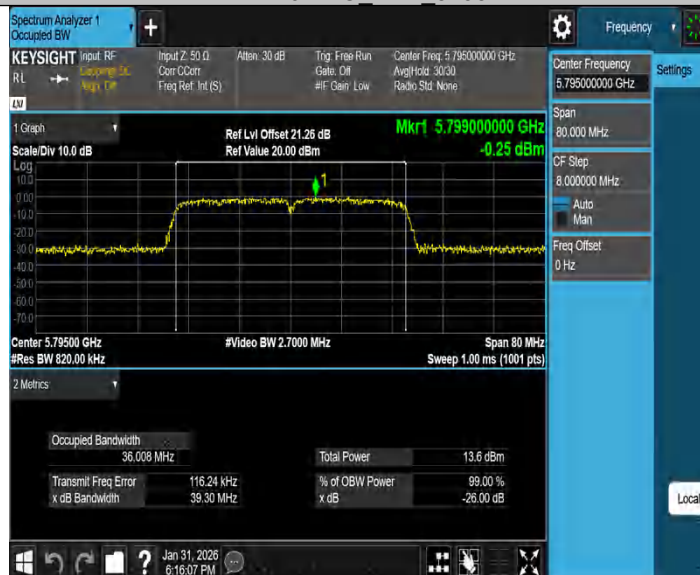
11N40SISO Ant1 5230



11N40SISO Ant1 5755



11N40SISO Ant1 5795



1.3 Appendix A3: Min emission bandwidth

1.3.1 Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.320	5736.920	5753.240	0.5	PASS
		5785	16.280	5776.960	5793.240	0.5	PASS
		5825	16.440	5816.880	5833.320	0.5	PASS
11N20SISO	Ant1	5745	17.560	5736.320	5753.880	0.5	PASS
		5785	17.560	5776.320	5793.880	0.5	PASS
		5825	16.520	5816.920	5833.440	0.5	PASS
11N40SISO	Ant1	5755	35.040	5737.560	5772.600	0.5	PASS
		5795	32.480	5778.600	5811.080	0.5	PASS

1.3.2 Test Graphs





11N20SISO Ant1 5745



11N20SISO Ant1 5785



11N20SISO Ant1 5825



11N40SISO Ant1 5755



11N40SISO Ant1 5795



1.4 Appendix A4: Maximum conducted output power

1.4.1 Test Result

TestMode	Antenna	Channel	Result[dBm]	Result[W]	Limit[dBm]	Verdict
11A	Ant1	5180	18.31	0.0678	≤23.98	PASS
		5200	18.27	0.0671	≤23.98	PASS
		5240	19.01	0.0796	≤23.98	PASS
		5745	18.82	0.0762	≤30.00	PASS
		5785	17.60	0.0575	≤30.00	PASS
		5825	18.21	0.0662	≤30.00	PASS
11N20SISO	Ant1	5180	18.15	0.0653	≤23.98	PASS
		5200	18.21	0.0662	≤23.98	PASS
		5240	18.90	0.0776	≤23.98	PASS
		5745	18.71	0.0743	≤30.00	PASS
		5785	17.53	0.0566	≤30.00	PASS
		5825	18.31	0.0678	≤30.00	PASS
11N40SISO	Ant1	5190	17.74	0.0594	≤23.98	PASS
		5230	19.26	0.0843	≤23.98	PASS
		5755	18.43	0.0697	≤30.00	PASS
		5795	17.95	0.0624	≤30.00	PASS

1.5 Appendix A5: Maximum power spectral density

1.5.1 Test Result

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	3.21	≤11.00	PASS
		5200	3.21	≤11.00	PASS
		5240	4.02	≤11.00	PASS
		5745	1.88	≤30.00	PASS
		5785	0.41	≤30.00	PASS
		5825	0.84	≤30.00	PASS
11N20SISO	Ant1	5180	2.64	≤11.00	PASS
		5200	3.03	≤11.00	PASS
		5240	3.59	≤11.00	PASS
		5745	1.43	≤30.00	PASS
		5785	-0.06	≤30.00	PASS
		5825	0.66	≤30.00	PASS
11N40SISO	Ant1	5190	0.09	≤11.00	PASS
		5230	1.50	≤11.00	PASS
		5755	-1.48	≤30.00	PASS
		5795	-2.22	≤30.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725 ~ 5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

1.5.2 Test Graphs





11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO Ant1 5180



11N20SISO Ant1 5200



11N20SISO Ant1 5240



11N20SISO Ant1 5745



11N20SISO Ant1 5785



11N20SISO Ant1 5825



11N40SISO Ant1 5190



11N40SISO Ant1 5230



11N40SISO Ant1 5755



11N40SISO Ant1 5795



1.6 Appendix A6: Frequency Stability

1.6.1 Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11N20SISO	Ant1	5180	NV	NT	80000.00	15.444015	20	PASS
			LV	NT	60000.00	11.583012	20	PASS
			HV	NT	80000.00	15.444015	20	PASS
		5200	NV	NT	80000.00	15.384615	20	PASS
			LV	NT	80000.00	15.384615	20	PASS
			HV	NT	80000.00	15.384615	20	PASS
		5240	NV	NT	80000.00	15.267176	20	PASS
			LV	NT	80000.00	15.267176	20	PASS
			HV	NT	80000.00	15.267176	20	PASS
		5745	NV	NT	80000.00	13.925152	20	PASS
			LV	NT	80000.00	13.925152	20	PASS
			HV	NT	80000.00	13.925152	20	PASS
		5785	NV	NT	80000.00	13.828868	20	PASS
			LV	NT	80000.00	13.828868	20	PASS
			HV	NT	100000.00	17.286085	20	PASS
		5825	NV	NT	80000.00	13.733906	20	PASS
			LV	NT	80000.00	13.733906	20	PASS
			HV	NT	80000.00	13.733906	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11N20SISO	Ant1	5180	NV	0	80000.00	15.444015	20	PASS
			NV	40	80000.00	15.444015	20	PASS
		5200	NV	0	100000.00	19.230769	20	PASS
			NV	40	100000.00	19.230769	20	PASS
		5240	NV	0	80000.00	15.267176	20	PASS
			NV	40	80000.00	15.267176	20	PASS
		5745	NV	0	80000.00	13.925152	20	PASS
			NV	40	80000.00	13.925152	20	PASS
		5785	NV	0	80000.00	13.828868	20	PASS
			NV	40	60000.00	10.371651	20	PASS
		5825	NV	0	100000.00	17.167382	20	PASS
			NV	40	80000.00	13.733906	20	PASS

1.7 Appendix A7: Test Results of Radiated Spurious Emissions

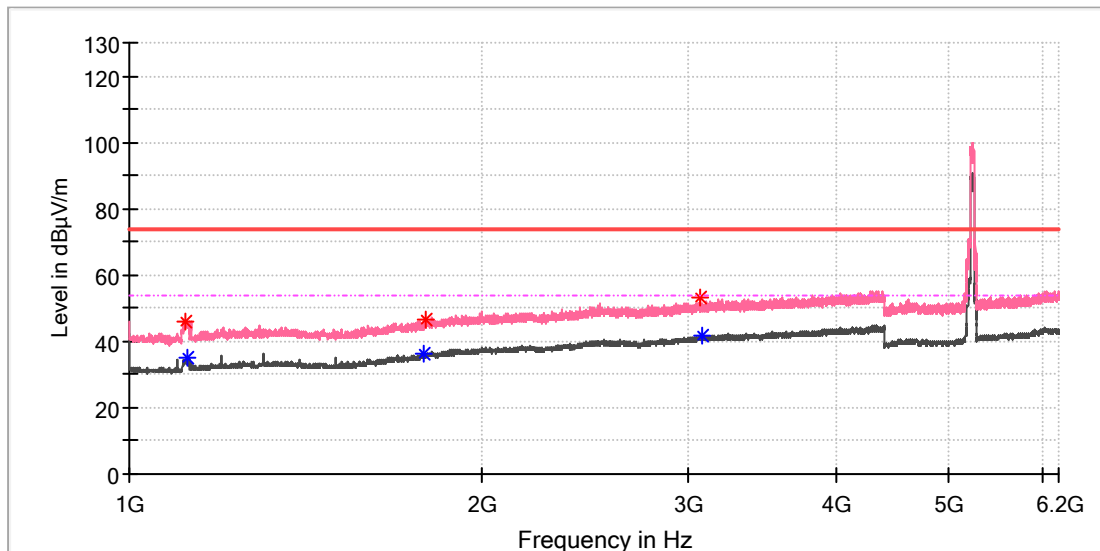
Note:

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11N40_Ch46
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
1117.000000	46.09	---	74.00	27.91	150.0	V	266.0	0.1
1121.000000	---	35.04	54.00	18.96	150.0	V	266.0	0.2
1782.500000	---	36.13	54.00	17.87	150.0	V	8.0	4.4
1787.000000	46.79	---	74.00	27.21	150.0	V	38.0	4.5
3066.500000	52.98	---	74.00	21.02	150.0	V	20.0	8.6
3081.500000	---	41.80	54.00	12.20	150.0	V	168.0	8.6

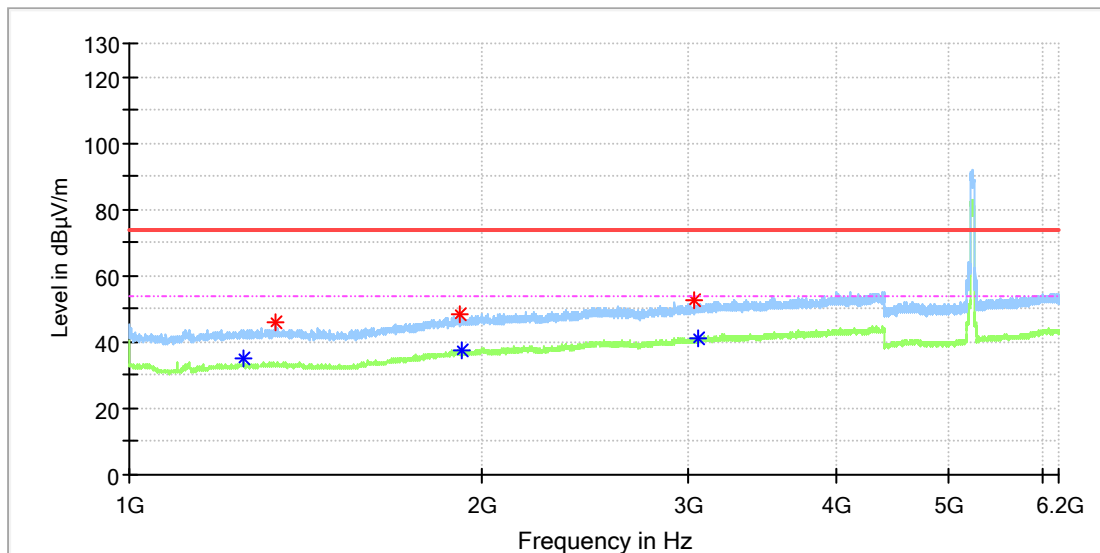
Final_Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11N40_Ch46
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
1249.500000	---	34.92	54.00	19.08	150.0	H	153.0	1.9
1332.500000	45.68	---	74.00	28.32	150.0	H	3.0	2.1
1910.500000	48.22	---	74.00	25.78	150.0	H	49.0	5.6
1920.500000	---	37.72	54.00	16.28	150.0	H	49.0	5.6
3028.000000	52.76	---	74.00	21.24	150.0	H	179.0	8.5
3050.500000	---	41.21	54.00	12.79	150.0	H	0.0	8.6

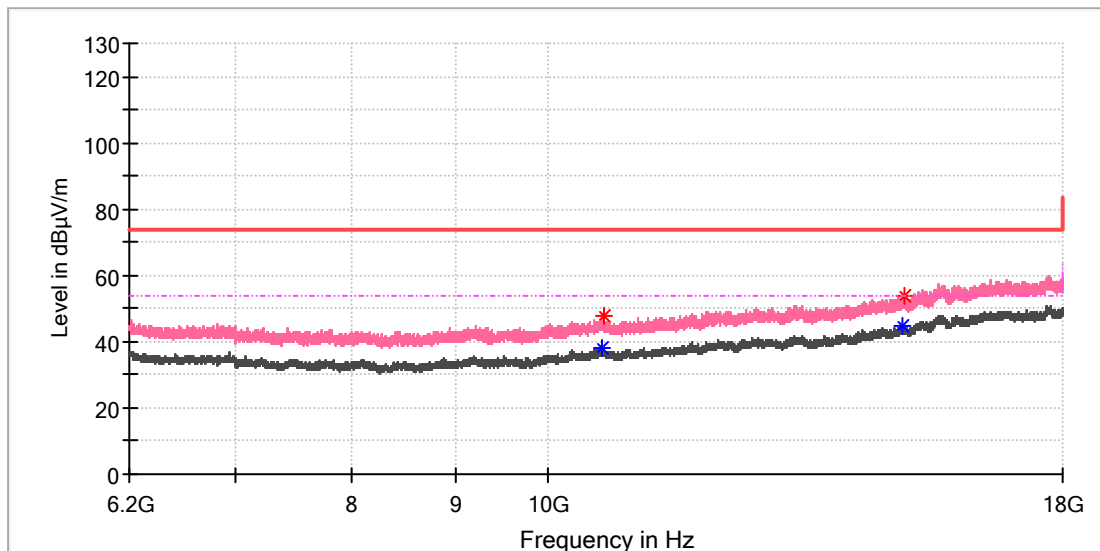
Final Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11N40_Ch46
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
10643.191667	---	37.86	54.00	16.14	150.0	V	209.0	12.0
10652.041667	47.47	---	74.00	26.53	150.0	V	160.0	12.0
14998.375000	---	44.76	54.00	9.24	150.0	V	244.0	17.6
15011.650000	53.61	---	74.00	20.39	150.0	V	137.0	17.7

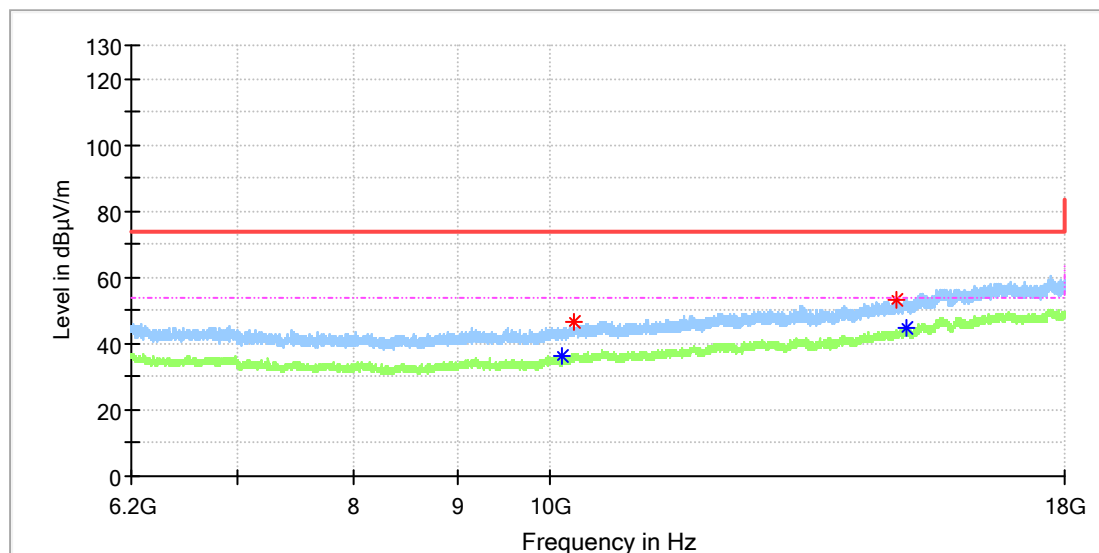
Final_Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11N40_Ch46
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
10136.775000	---	36.43	54.00	17.57	150.0	H	176.0	11.1
10281.816667	46.55	---	74.00	27.45	150.0	H	33.0	11.5
14866.116667	53.31	---	74.00	20.69	150.0	H	69.0	17.4
15010.666667	---	44.73	54.00	9.27	150.0	H	1.0	17.7

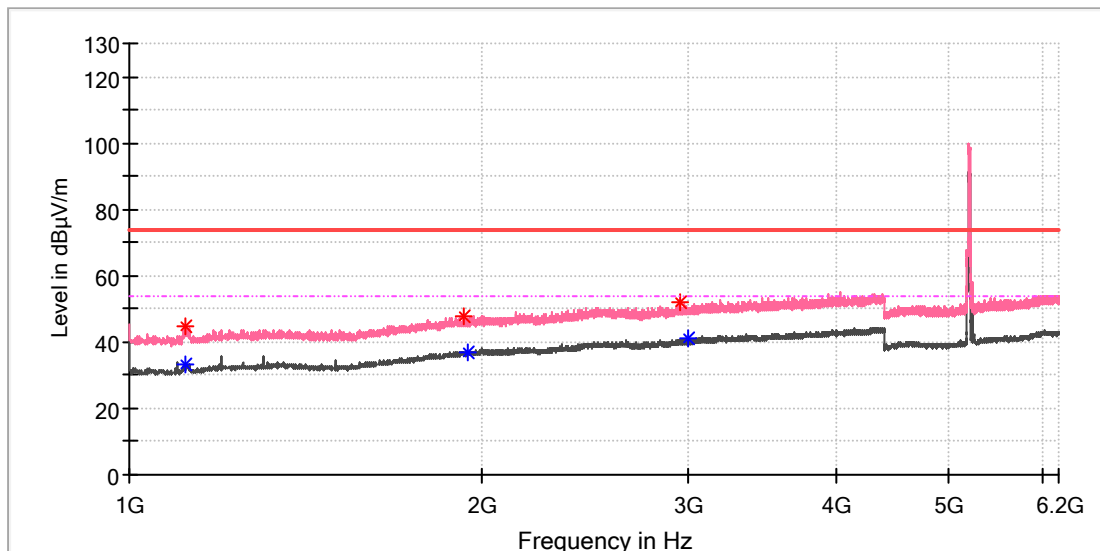
Final Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11A_Ch40
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
1117.000000	44.58	---	74.00	29.42	150.0	V	270.0	0.1
1118.500000	---	33.21	54.00	20.79	150.0	V	288.0	0.2
1927.000000	47.59	---	74.00	26.41	150.0	V	98.0	5.6
1946.000000	---	36.99	54.00	17.01	150.0	V	1.0	5.6
2949.500000	51.93	---	74.00	22.07	150.0	V	206.0	8.4
2996.500000	---	41.06	54.00	12.94	150.0	V	85.0	8.5

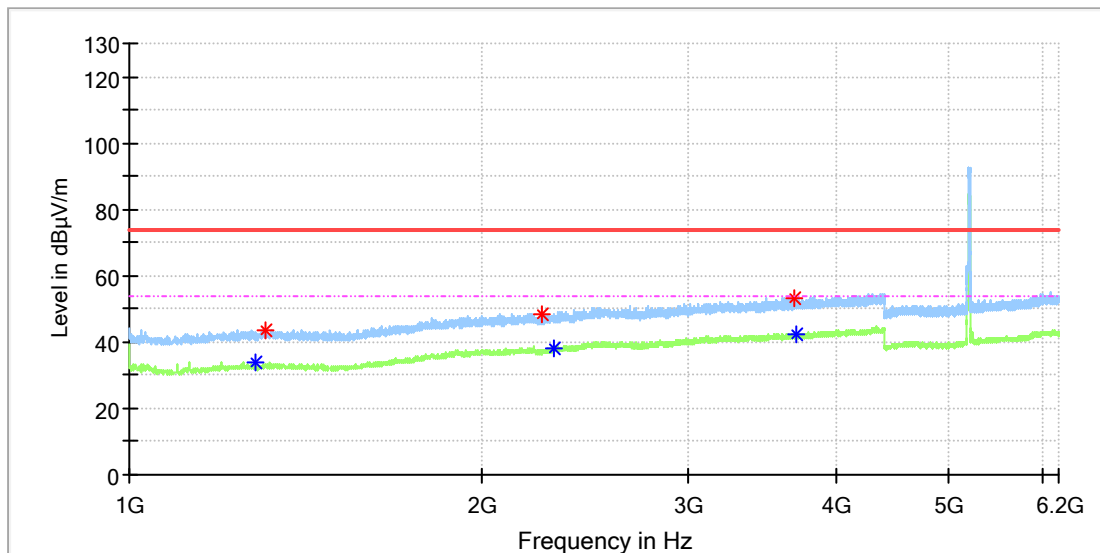
Final Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11A_Ch40
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
1280.000000	---	33.64	54.00	20.36	150.0	H	9.0	1.9
1306.500000	43.36	---	74.00	30.64	150.0	H	341.0	2.0
2248.500000	48.40	---	74.00	25.60	150.0	H	74.0	6.5
2298.500000	---	38.27	54.00	15.73	150.0	H	235.0	6.4
3695.500000	53.34	---	74.00	20.66	150.0	H	183.0	9.6
3707.500000	---	42.48	54.00	11.52	150.0	H	137.0	9.6

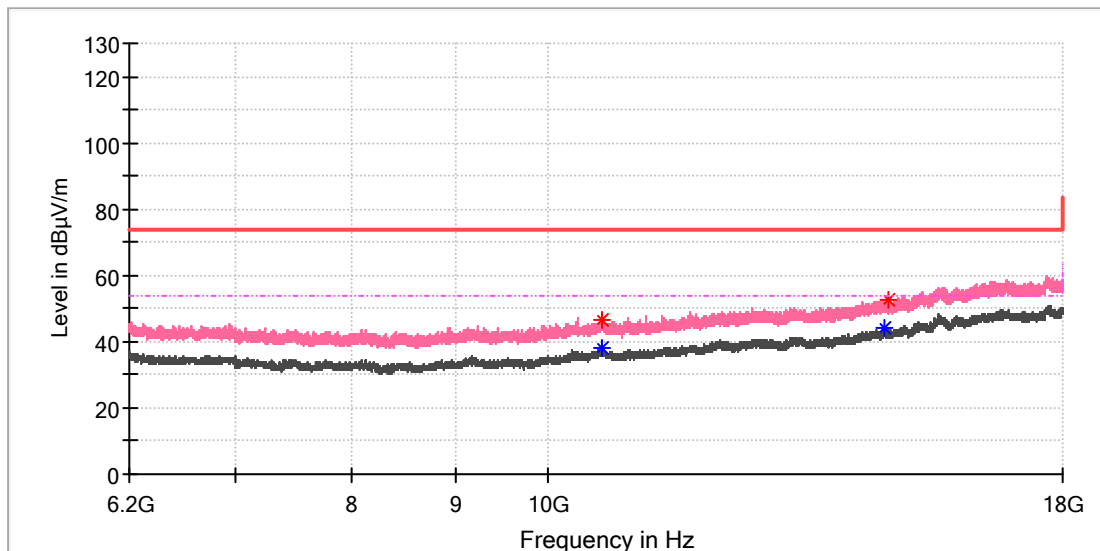
Final Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11A_Ch40
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
10625.983333	46.76	---	74.00	27.24	150.0	V	268.0	12.0
10629.916667	---	38.35	54.00	15.65	150.0	V	98.0	12.0
14695.508333	---	44.24	54.00	9.76	150.0	V	243.0	17.0
14747.133333	52.51	---	74.00	21.49	150.0	V	220.0	17.0

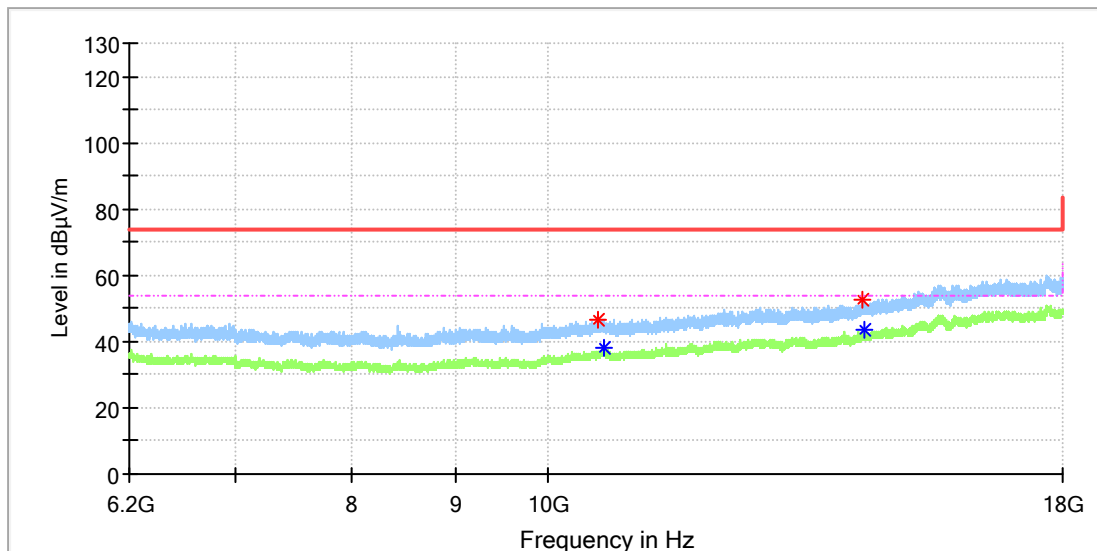
Final Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11A_Ch40
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
10591.566667	46.56	---	74.00	27.44	150.0	H	0.0	12.1
10665.316667	---	37.91	54.00	16.09	150.0	H	146.0	11.9
14319.875000	52.78	---	74.00	21.22	150.0	H	204.0	16.7
14338.558333	---	43.38	54.00	10.62	150.0	H	134.0	16.7

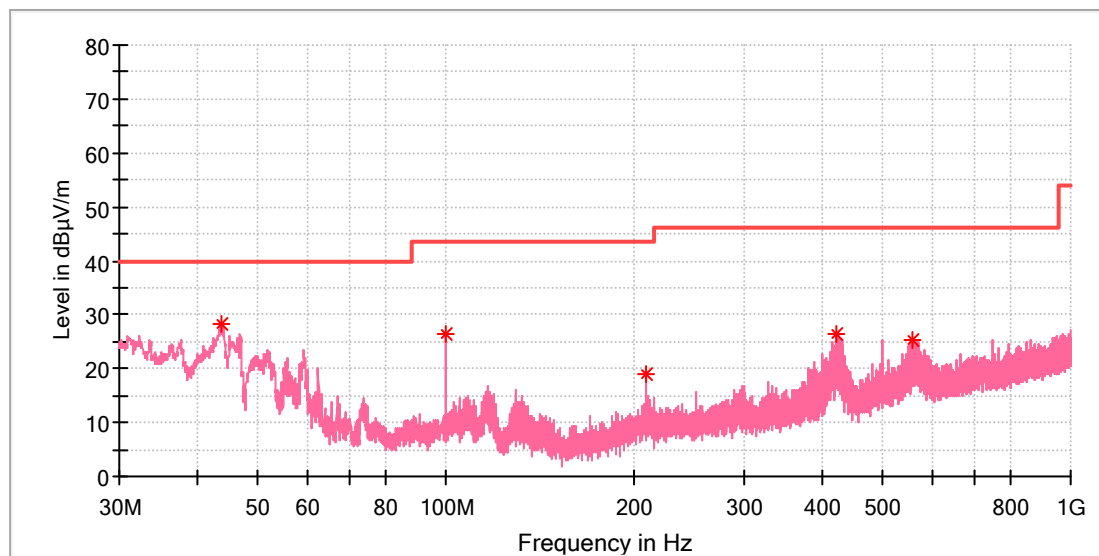
Final_Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11A_Ch40
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
43.766539	28.41	40.00	11.59	100.0	V	243.0	-19.4
99.989231	26.33	43.50	17.17	100.0	V	99.0	-19.3
208.890385	18.85	43.50	24.65	100.0	V	330.0	-19.2
420.536923	26.35	46.00	19.65	100.0	V	134.0	-13.7
556.411539	25.32	46.00	20.68	100.0	V	199.0	-11.0

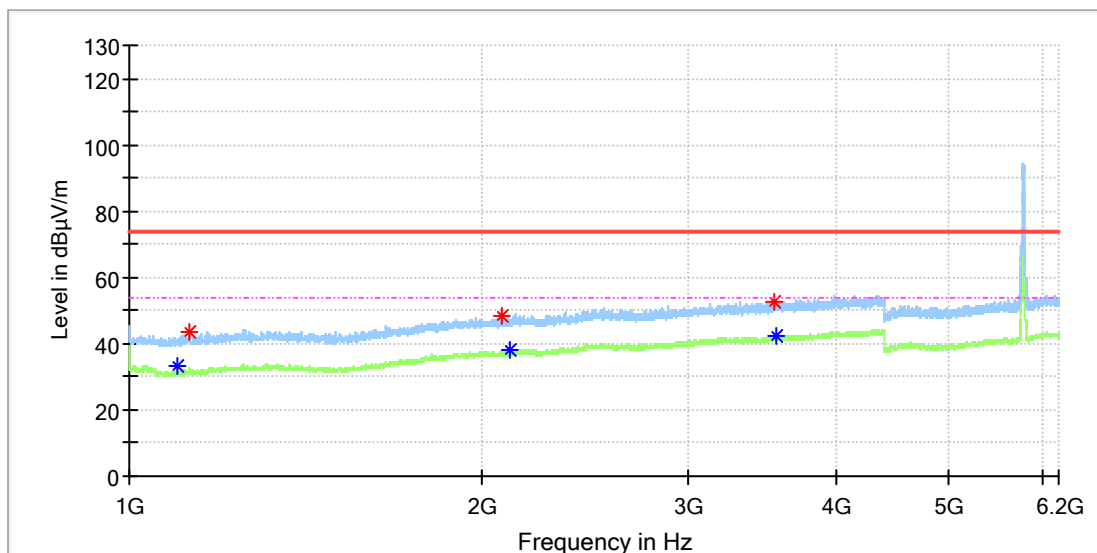
Final Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11A_Ch157
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
1100.000000	---	33.40	54.00	20.60	150.0	H	301.0	-0.2
1124.000000	43.43	---	74.00	30.57	150.0	H	39.0	0.3
2074.000000	48.19	---	74.00	25.81	150.0	H	310.0	5.9
2112.500000	---	38.16	54.00	15.84	150.0	H	95.0	6.1
3554.000000	52.83	---	74.00	21.17	150.0	H	39.0	9.2
3556.500000	---	42.57	54.00	11.43	150.0	H	151.0	9.2

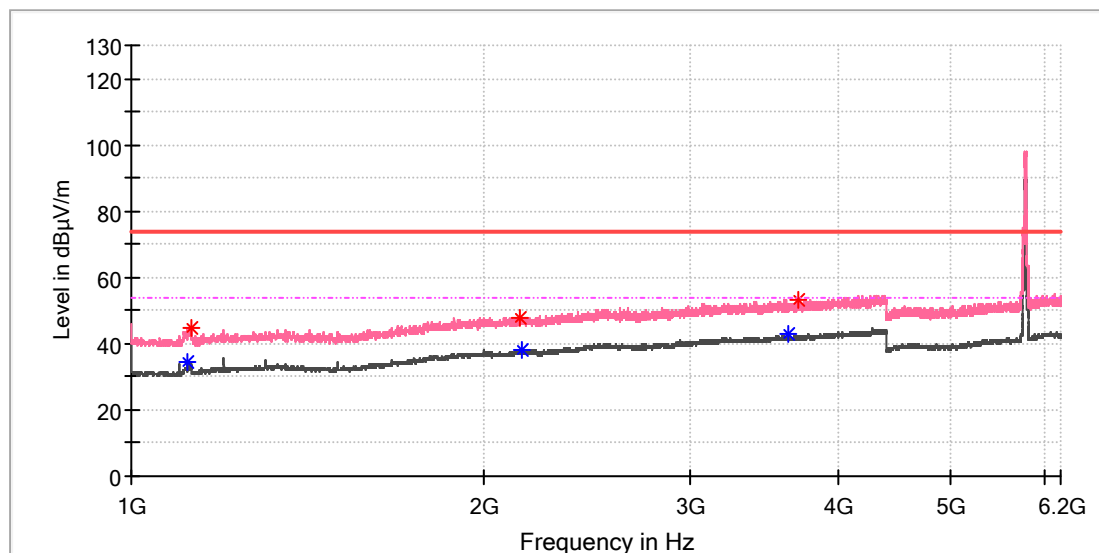
Final Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11A_Ch157
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
1115.500000	---	34.43	54.00	19.57	150.0	V	270.0	0.1
1123.000000	44.85	---	74.00	29.15	150.0	V	270.0	0.2
2143.000000	47.99	---	74.00	26.01	150.0	V	36.0	6.2
2155.000000	---	37.86	54.00	16.14	150.0	V	41.0	6.2
3630.000000	---	42.72	54.00	11.28	150.0	V	101.0	9.4
3707.500000	53.30	---	74.00	20.70	150.0	V	170.0	9.6

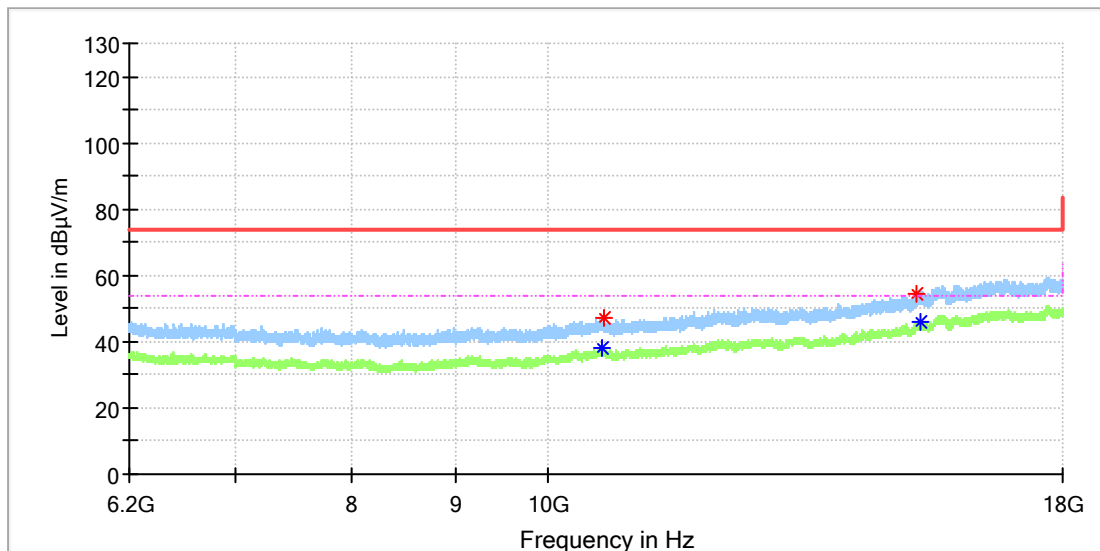
Final Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11A_Ch157
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
10626.475000	---	38.32	54.00	15.68	150.0	H	288.0	12.0
10668.266667	47.04	---	74.00	26.96	150.0	H	70.0	11.9
15231.425000	54.69	---	74.00	19.31	150.0	H	70.0	17.8
15286.000000	---	46.19	54.00	7.81	150.0	H	93.0	17.9

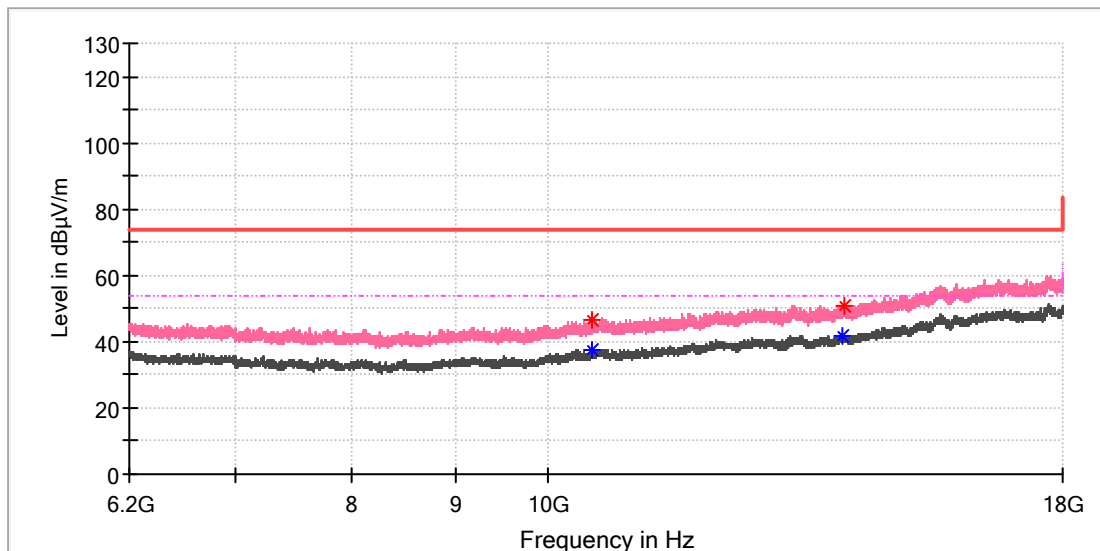
Final_Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11A_Ch157
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
10517.816667	---	37.77	54.00	16.23	150.0	V	339.0	12.0
10526.666667	46.75	---	74.00	27.25	150.0	V	97.0	12.0
14012.091667	---	42.00	54.00	12.00	150.0	V	204.0	16.1
14033.233333	50.64	---	74.00	23.36	150.0	V	238.0	16.2

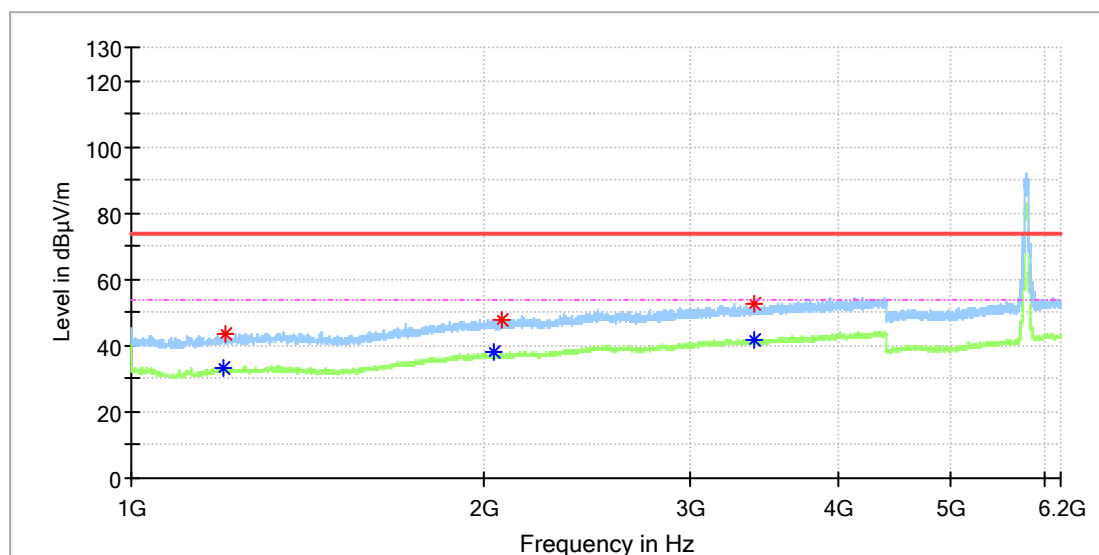
Final_Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11N40_Ch159
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
1200.000000	---	33.36	54.00	20.65	150.0	H	169.0	1.1
1202.500000	43.24	---	74.00	30.76	150.0	H	358.0	1.2
2035.000000	---	37.98	54.00	16.02	150.0	H	246.0	5.9
2071.500000	48.04	---	74.00	25.96	150.0	H	349.0	5.9
3397.000000	52.56	---	74.00	21.44	150.0	H	169.0	8.7
3398.000000	---	41.92	54.00	12.08	150.0	H	304.0	8.7

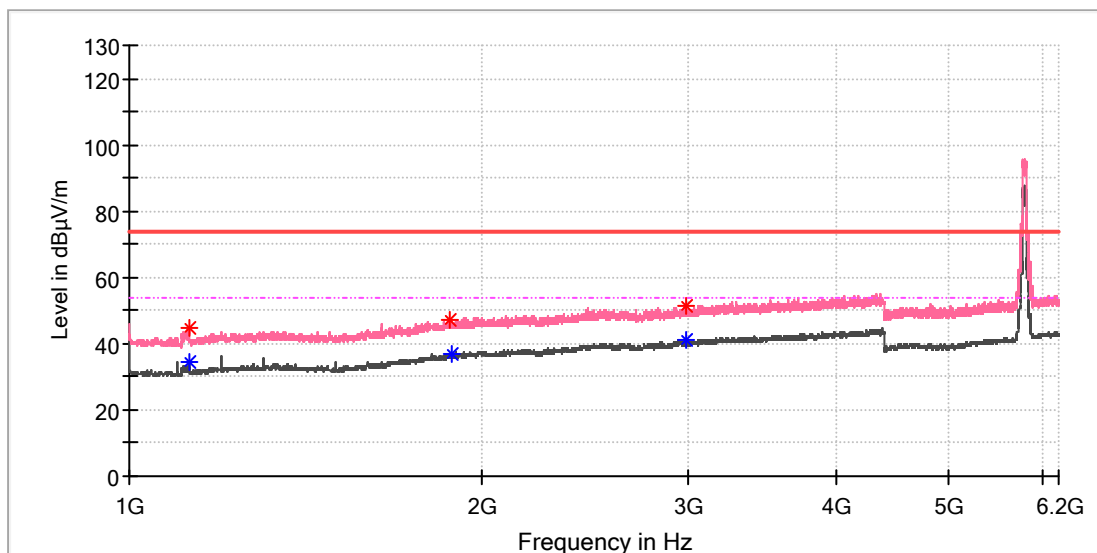
Final Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11N40_Ch159
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
1124.000000	44.67	---	74.00	29.33	150.0	V	279.0	0.3
1124.500000	---	34.57	54.00	19.43	150.0	V	261.0	0.3
1877.000000	47.37	---	74.00	26.63	150.0	V	188.0	5.3
1885.000000	---	36.98	54.00	17.02	150.0	V	219.0	5.4
2983.000000	51.34	---	74.00	22.66	150.0	V	125.0	8.5
2987.500000	---	40.87	54.00	13.13	150.0	V	219.0	8.5

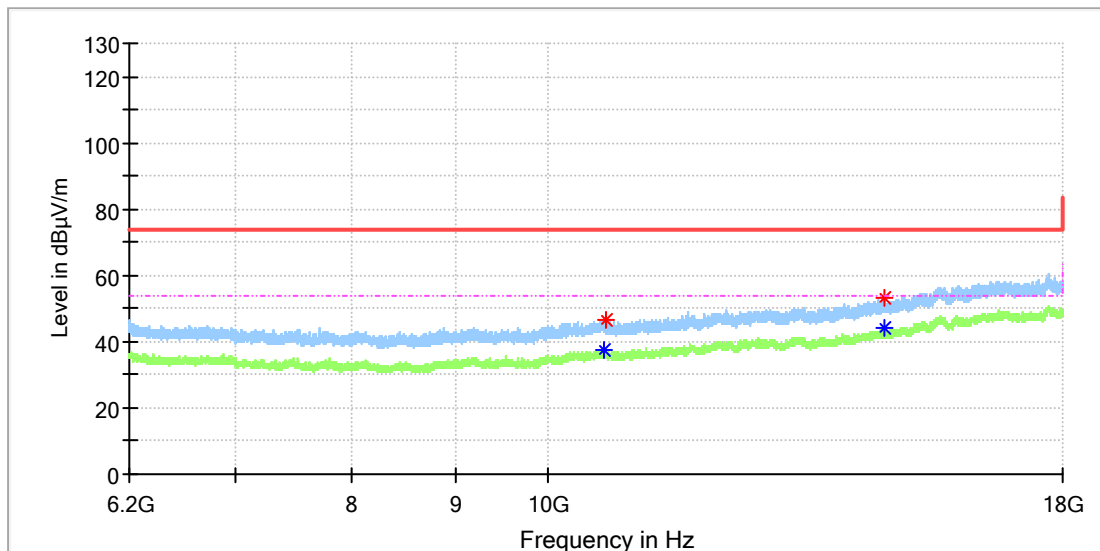
Final Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11N40_Ch159
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
10649.091667	---	37.56	54.00	16.44	150.0	H	283.0	12.0
10681.541667	46.79	---	74.00	27.21	150.0	H	355.0	11.9
14692.066667	52.95	---	74.00	21.05	150.0	H	138.0	17.0
14696.983333	---	44.15	54.00	9.85	150.0	H	331.0	17.0

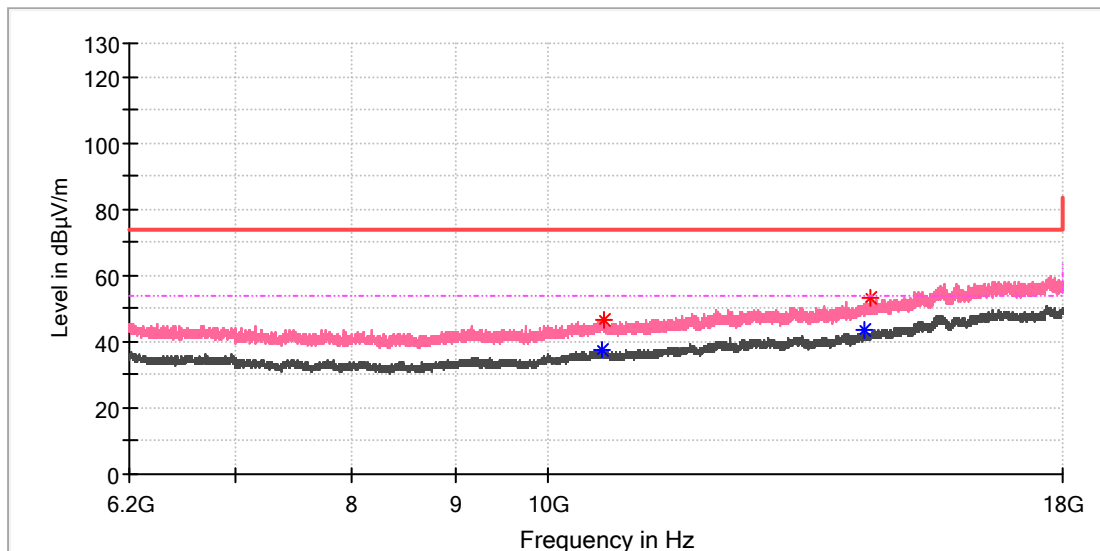
Final_Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11N40_Ch159
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
10636.800000	---	37.21	54.00	16.79	150.0	V	253.0	12.0
10668.266667	46.50	---	74.00	27.50	150.0	V	290.0	11.9
14365.600000	---	43.53	54.00	10.47	150.0	V	317.0	16.8
14448.200000	53.38	---	74.00	20.62	150.0	V	0.0	17.0

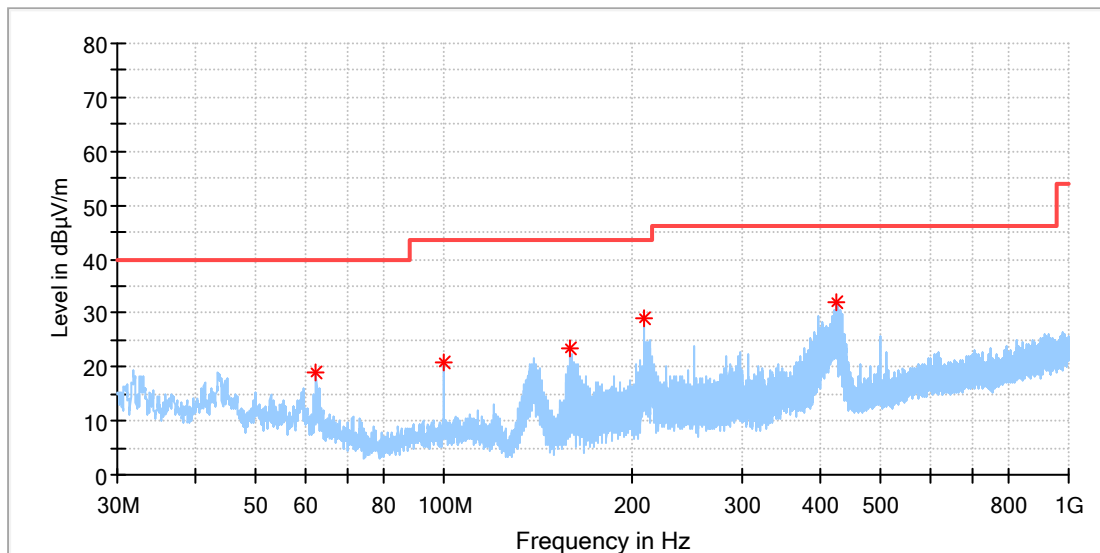
Final_Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11A_Ch157
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
62.495000	19.02	40.00	20.98	100.0	H	296.0	-19.9
99.989231	20.74	43.50	22.76	100.0	H	33.0	-19.3
159.271154	23.56	43.50	19.94	100.0	H	262.0	-22.1
208.927692	29.03	43.50	14.47	100.0	H	254.0	-19.2
425.349615	32.04	46.00	13.96	100.0	H	280.0	-13.7

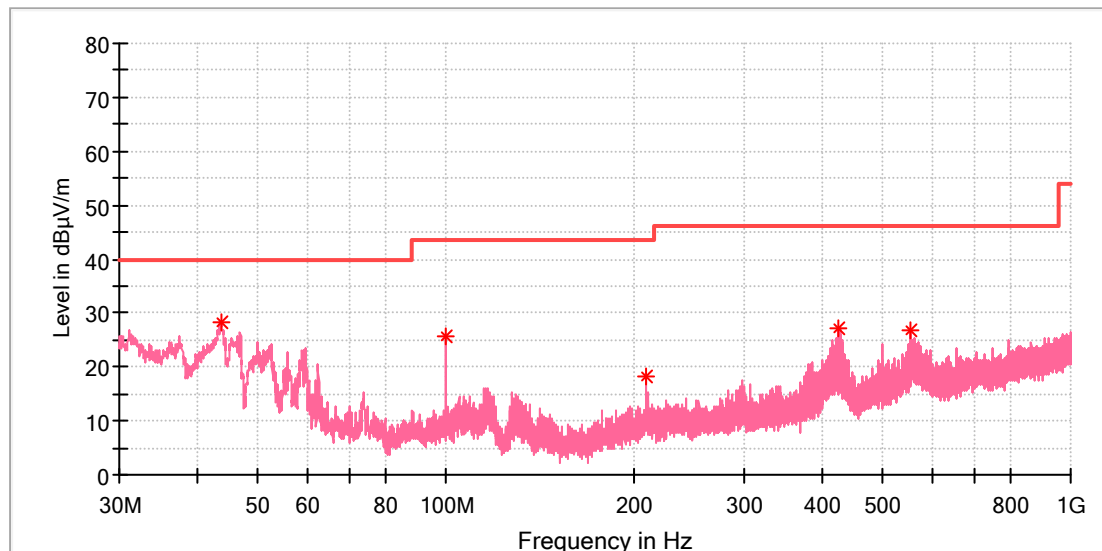
Final Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11A_Ch157
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
43.580000	28.38	40.00	11.62	100.0	V	196.0	-19.5
99.989231	25.58	43.50	17.92	100.0	V	221.0	-19.3
208.927692	18.05	43.50	25.45	100.0	V	327.0	-19.2
425.125769	27.20	46.00	18.80	100.0	V	134.0	-13.7
552.979231	26.64	46.00	19.36	100.0	V	181.0	-11.1

Final Result

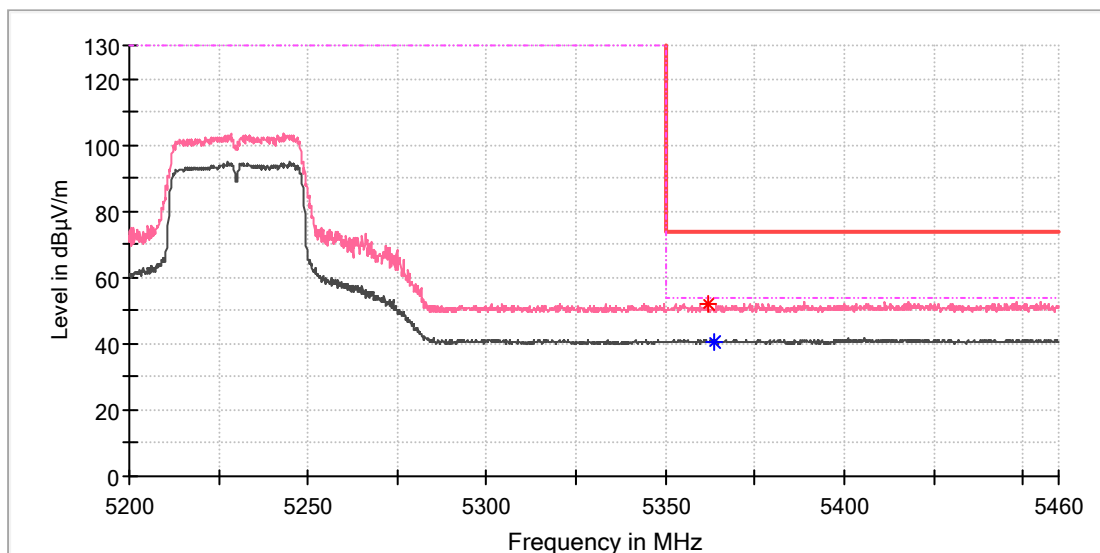
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

1.8 Appendix AA8: Radiated Emissions in Restricted Bands

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11N40_Ch46
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
5361.738889	51.72	---	74.00	22.28	100.0	V	167.0	13.3
5363.783333	---	40.75	54.00	13.25	100.0	V	167.0	13.3

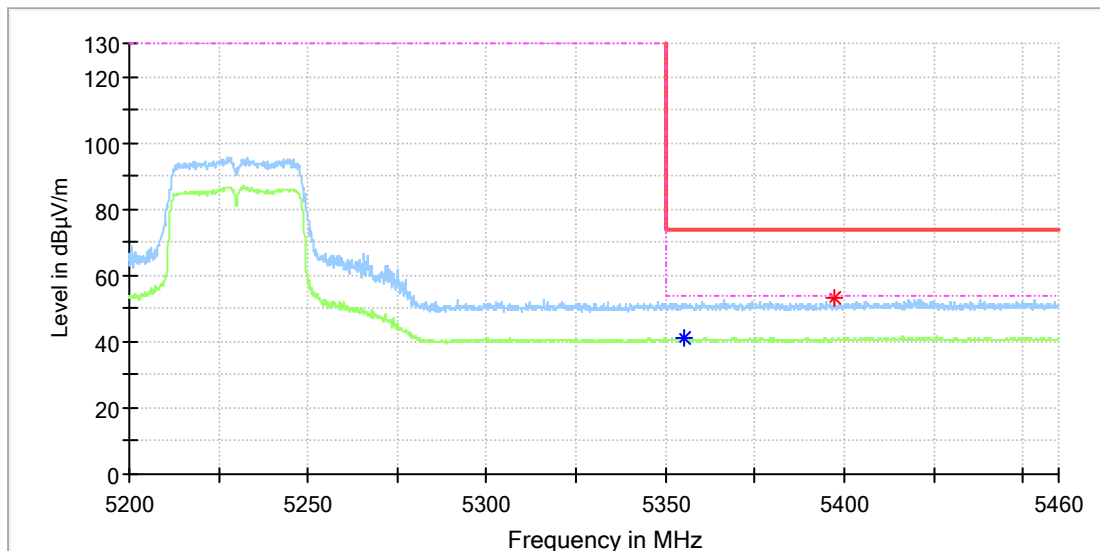
Final Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11N40_Ch46
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
5355.222222	---	41.12	54.00	12.88	100.0	H	5.0	13.3
5397.388889	53.10	---	74.00	20.90	100.0	H	79.0	13.4

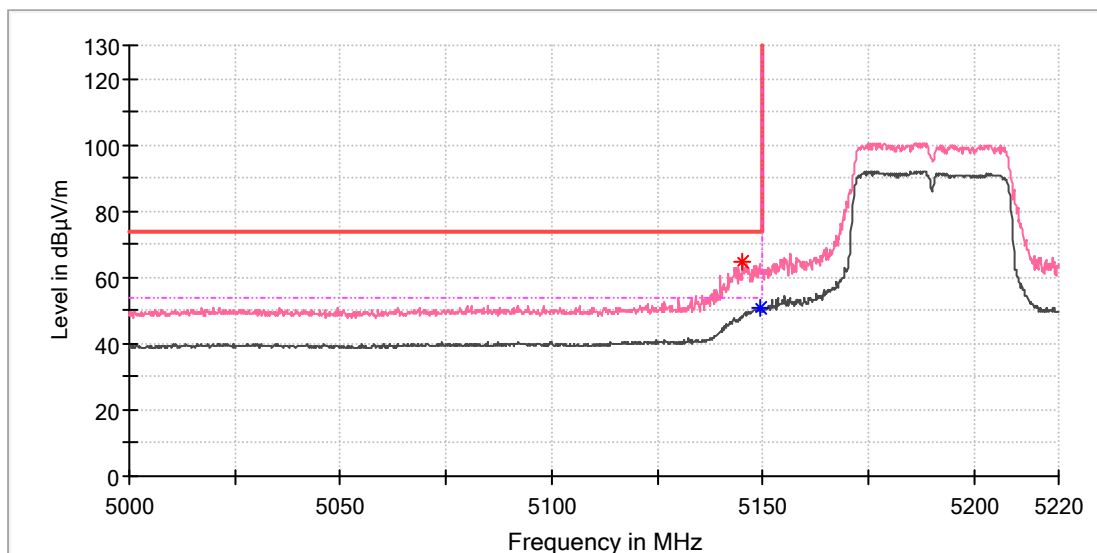
Final_Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11N40_Ch38
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
5145.322222	64.56	---	74.00	9.44	100.0	V	191.0	12.4
5149.350000	---	50.87	54.00	3.13	100.0	V	183.0	12.4

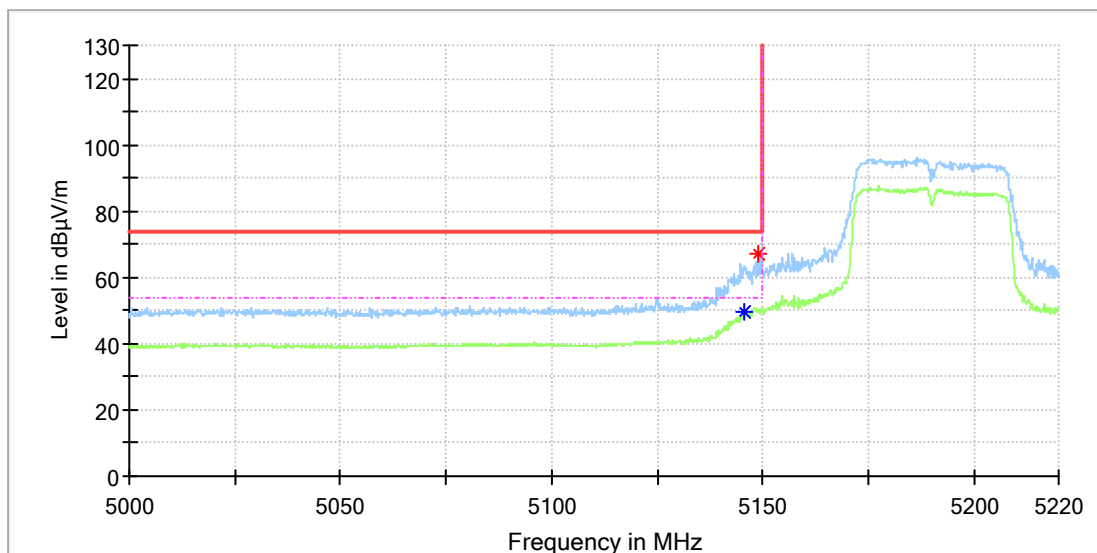
Final_Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11N40_Ch38
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
5145.644445	---	49.38	54.00	4.62	100.0	H	252.0	12.4
5149.027778	67.24	---	74.00	6.76	100.0	H	252.0	12.4

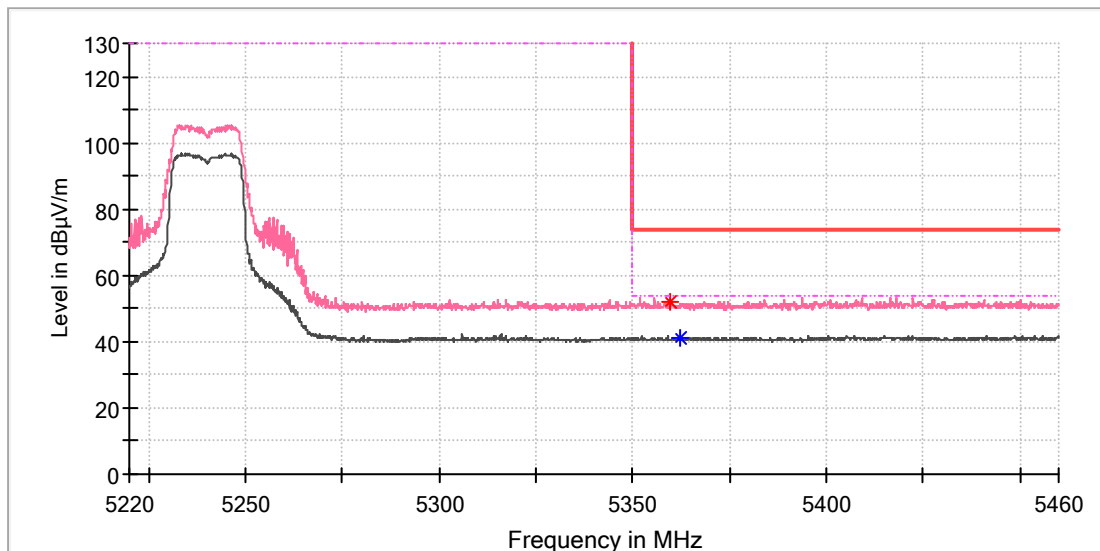
Final_Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11N20_Ch48
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
5359.438889	52.25	---	74.00	21.75	100.0	V	151.0	13.3
5361.994445	---	41.33	54.00	12.67	100.0	V	3.0	13.3

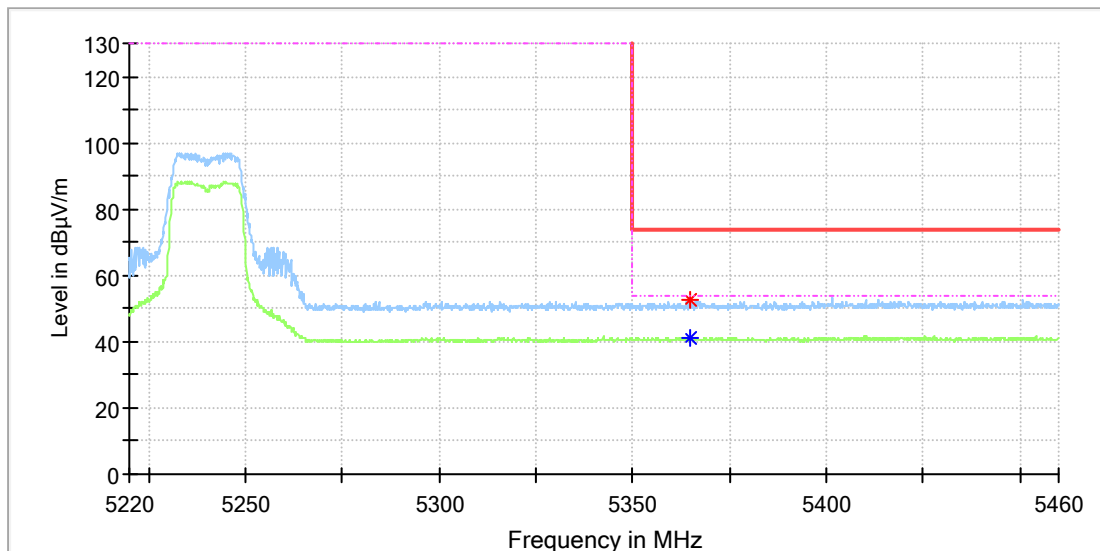
Final Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11N20_Ch48
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
5364.677778	52.57	---	74.00	21.43	100.0	H	359.0	13.3
5365.061111	---	40.85	54.00	13.15	100.0	H	336.0	13.3

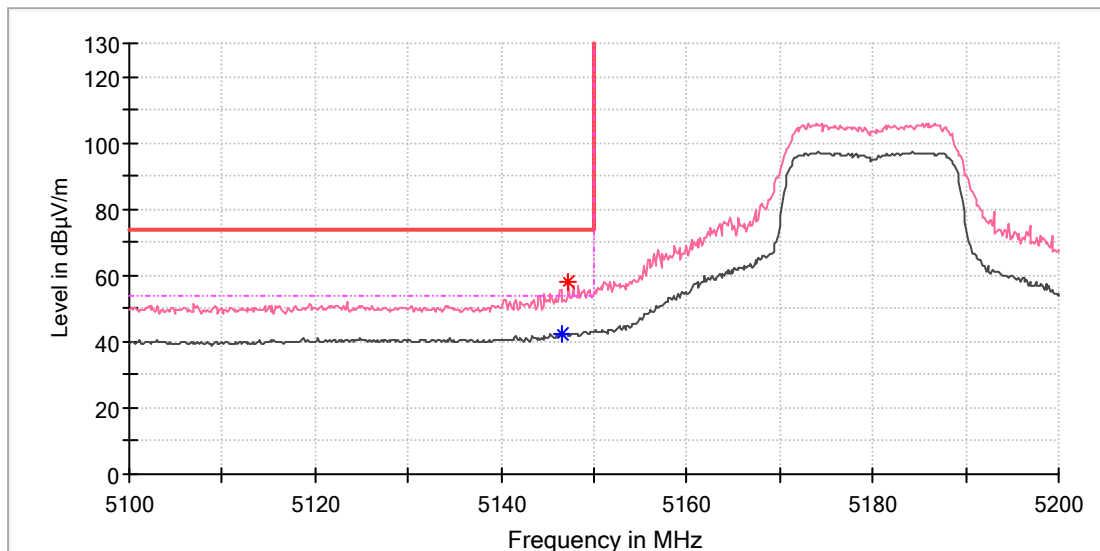
Final Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11N20_Ch36
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
5146.450000	---	42.43	54.00	11.57	100.0	V	174.0	12.4
5147.255556	58.34	---	74.00	15.66	100.0	V	174.0	12.4

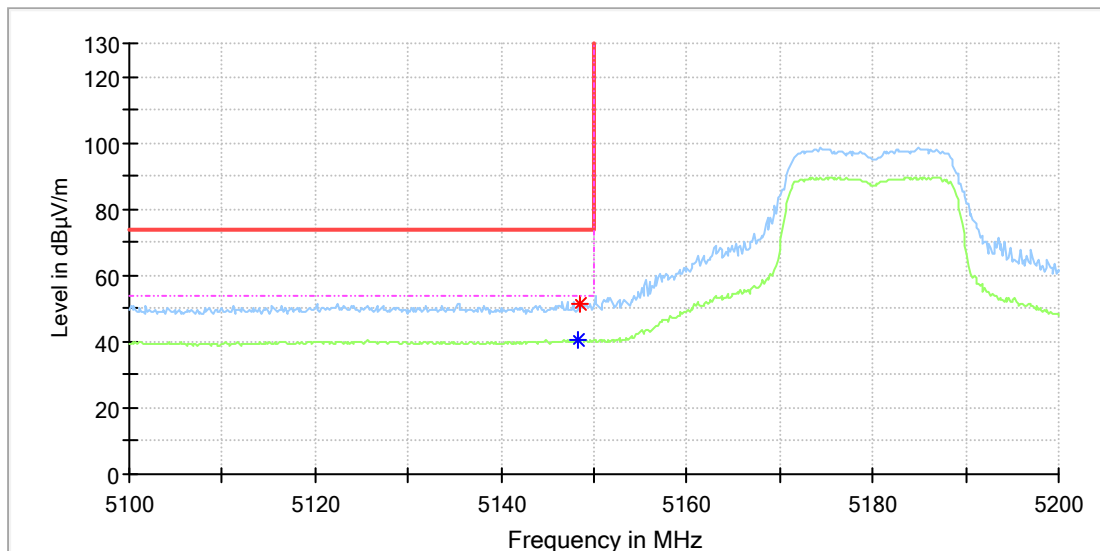
Final_Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11N20_Ch36
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
5148.383333	---	40.27	54.00	13.73	100.0	H	226.0	12.4
5148.544445	51.68	---	74.00	22.32	100.0	H	226.0	12.4

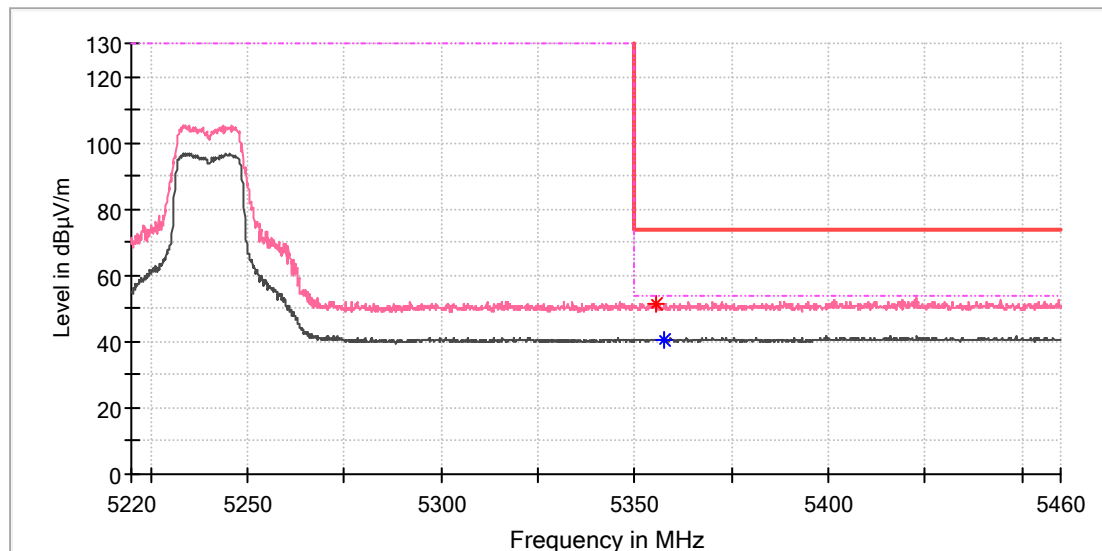
Final_Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11A_Ch48
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
5355.605556	51.17	---	74.00	22.83	100.0	V	156.0	13.3
5357.650000	---	40.62	54.00	13.38	100.0	V	246.0	13.3

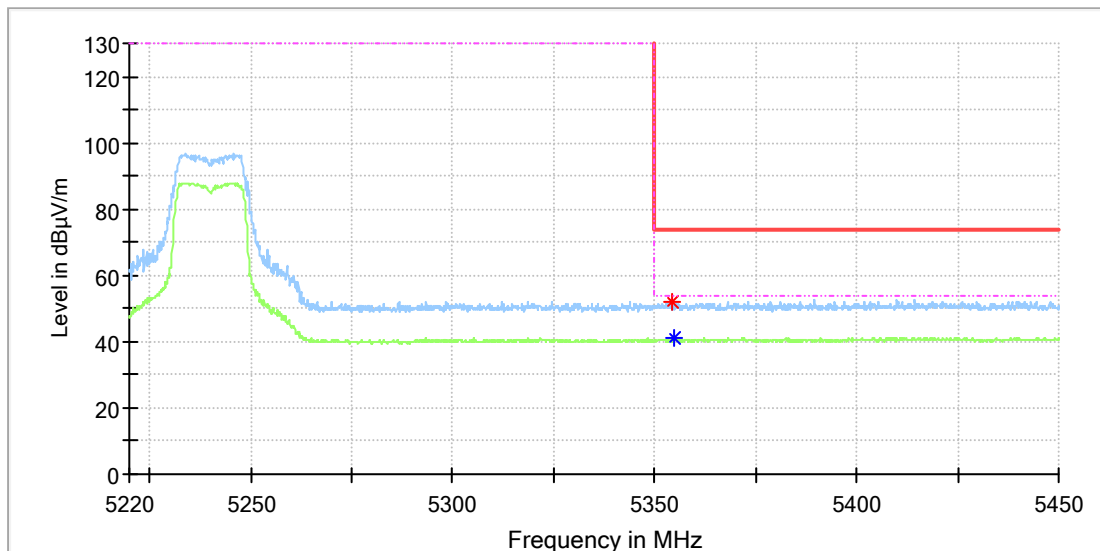
Final Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11A_Ch48
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
5354.200000	52.04	---	74.00	21.96	100.0	H	228.0	13.3
5354.838889	---	41.10	54.00	12.90	100.0	H	228.0	13.3

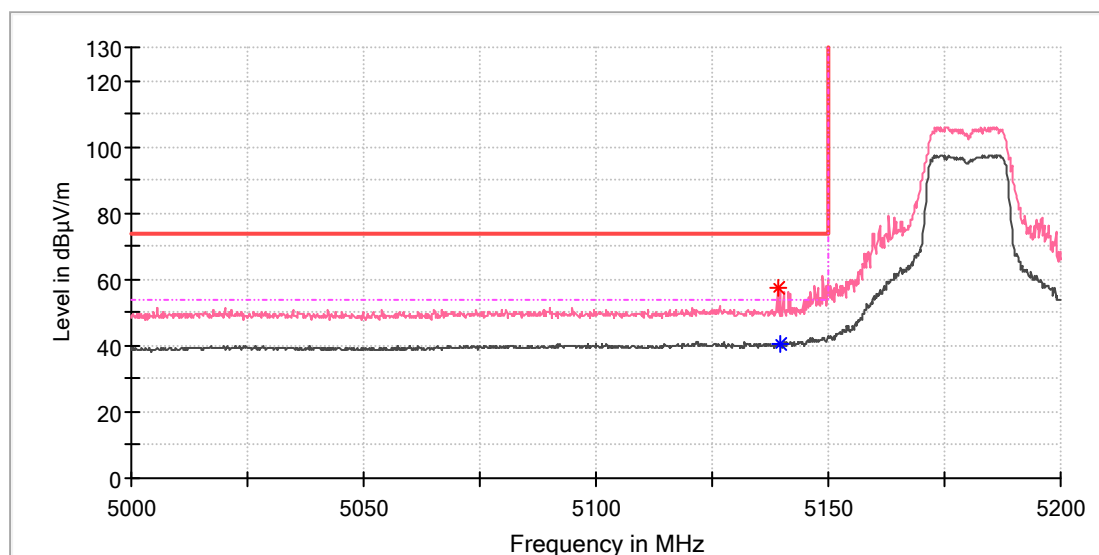
Final Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11A_Ch36
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
5139.038889	57.72	---	74.00	16.28	100.0	V	176.0	12.4
5139.683333	---	40.81	54.00	13.19	100.0	V	203.0	12.4

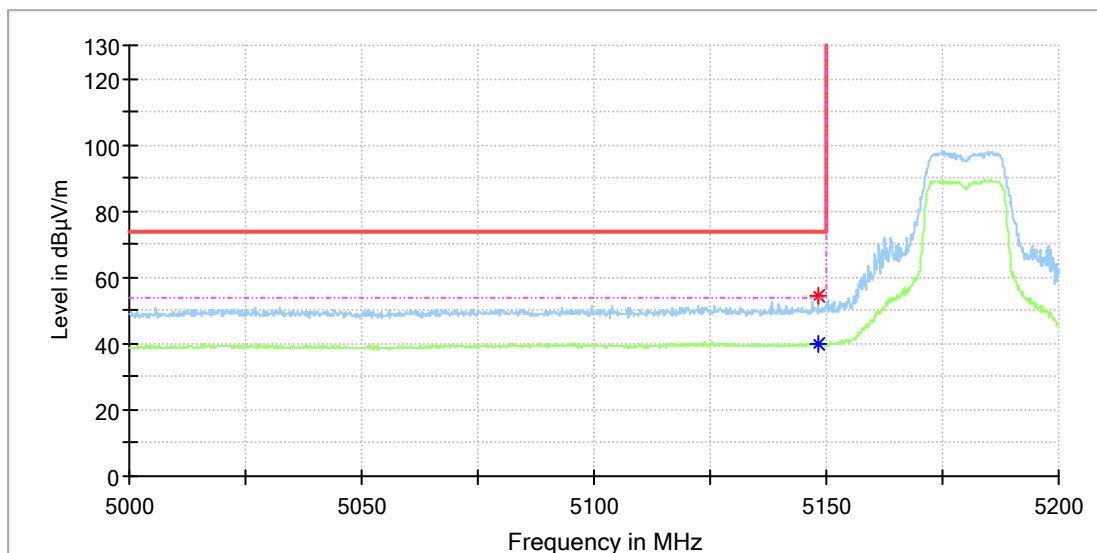
Final_Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11A_Ch36
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
5148.222222	54.35	---	74.00	19.65	100.0	H	102.0	12.4
5148.383333	---	40.15	54.00	13.85	100.0	H	109.0	12.4

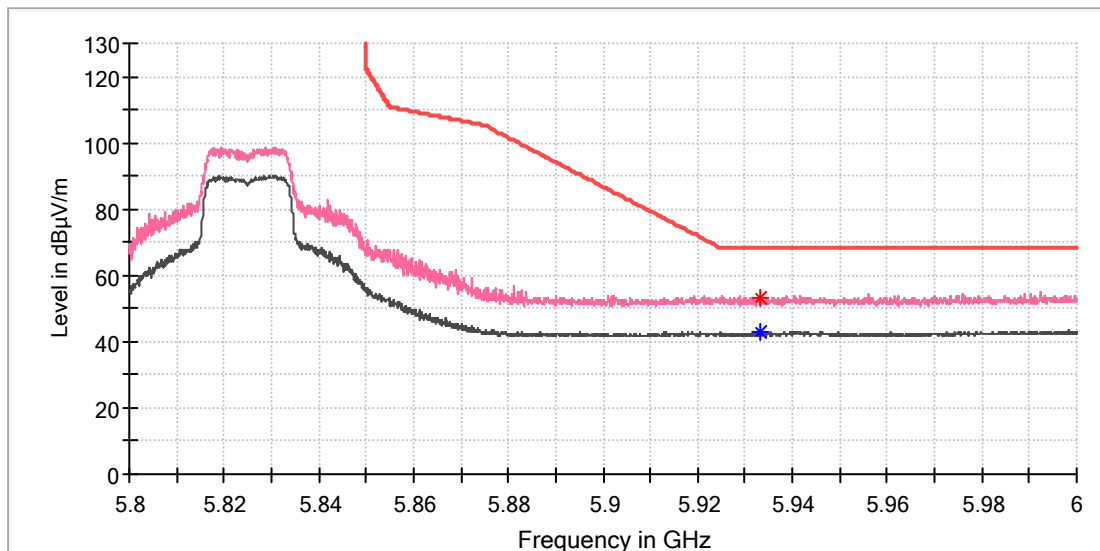
Final_Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11N20_Ch165
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
5933.236111	53.31	68.20	14.89	150.0	V	340.0	14.7
5933.312500	---	---	---	150.0	V	193.0	14.7

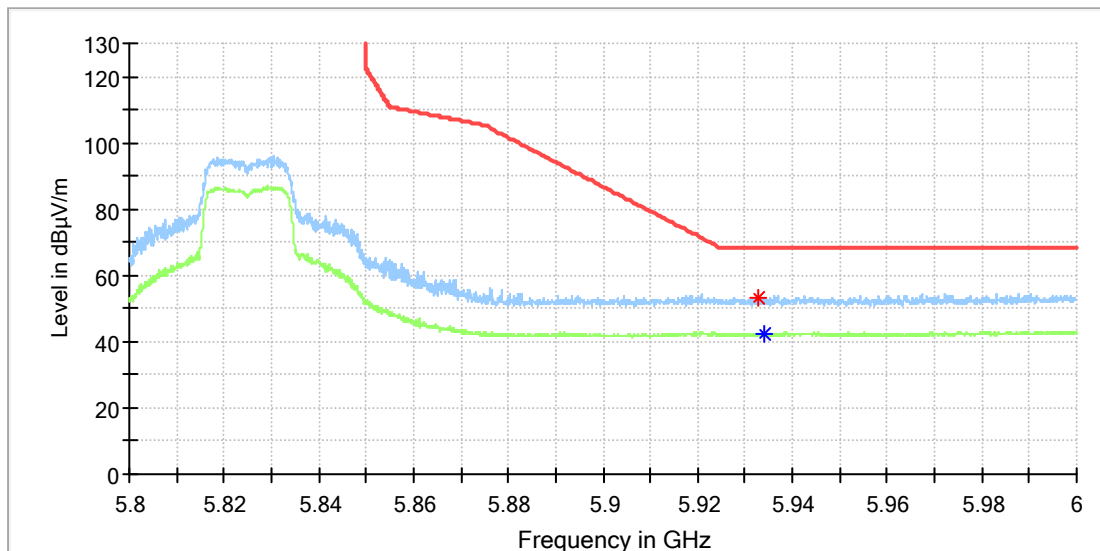
Final Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11N20_Ch165
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
5932.625000	53.12	68.20	15.08	150.0	H	78.0	14.7
5933.923611	---	---	---	150.0	H	13.0	14.7

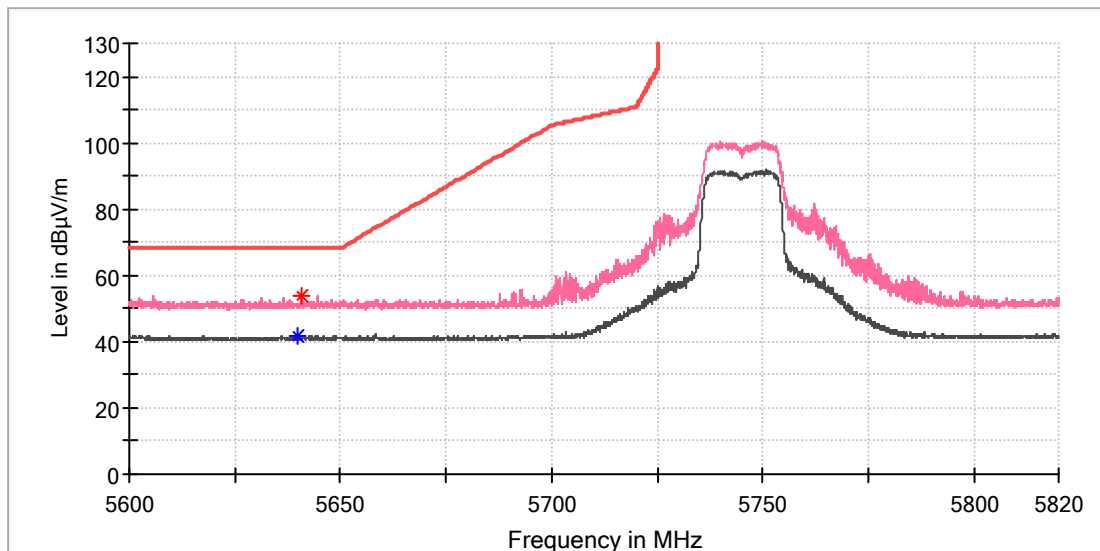
Final Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11N20_Ch149
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
5639.844445	---	---	---	150.0	V	187.0	13.8
5640.761111	53.81	68.20	14.39	150.0	V	334.0	13.8

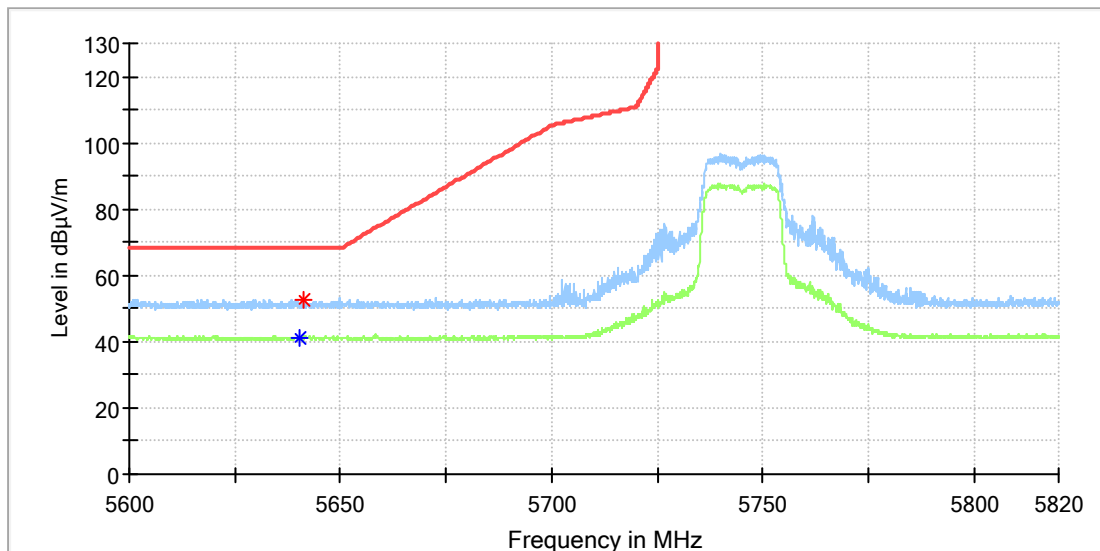
Final_Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11N20_Ch149
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
5640.088889	---	---	---	150.0	H	61.0	13.8
5641.188889	52.34	68.20	15.86	150.0	H	0.0	13.8

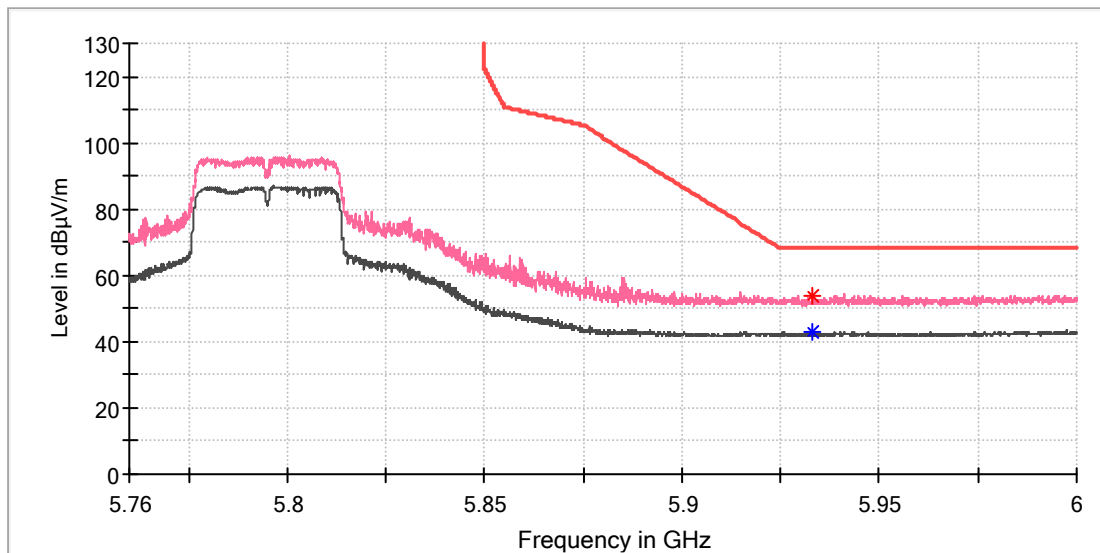
Final_Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11N40_Ch159
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
5933.159722	53.57	68.20	14.63	150.0	V	47.0	14.7
5933.236111	---	---	---	150.0	V	171.0	14.7

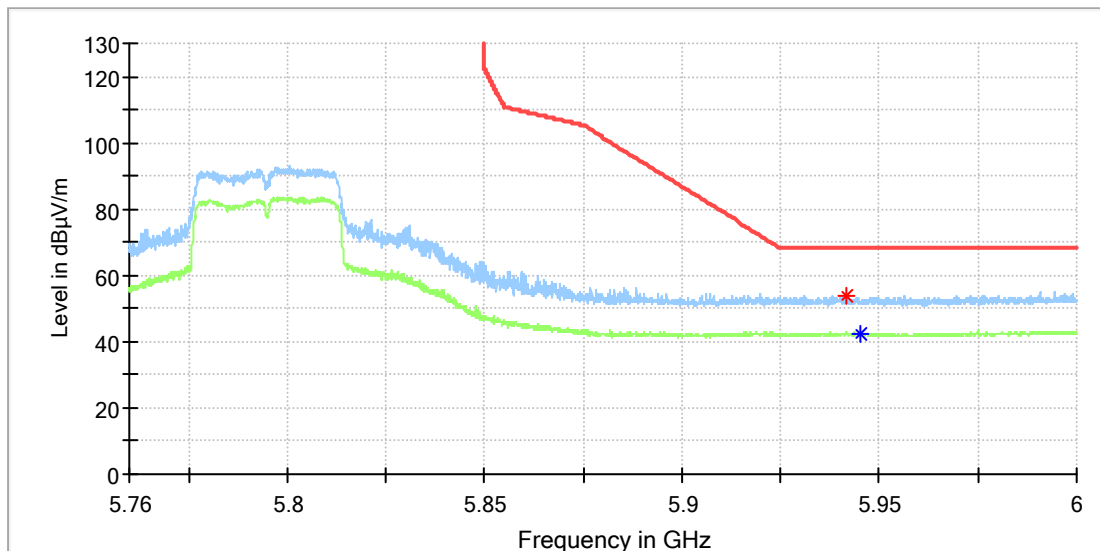
Final Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11N40_Ch159
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
5941.486111	53.82	68.20	14.38	150.0	H	293.0	14.7
5945.229167	---	---	---	150.0	H	344.0	14.7

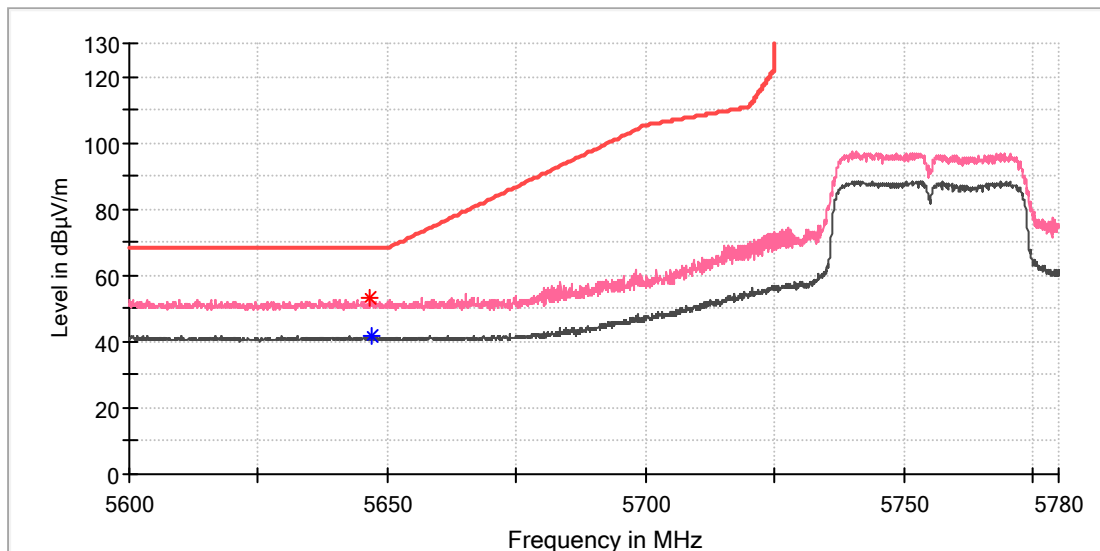
Final_Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11N40_Ch151
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
5646.505556	52.92	68.20	15.28	150.0	V	16.0	13.8
5646.994445	---	---	---	150.0	V	284.0	13.8

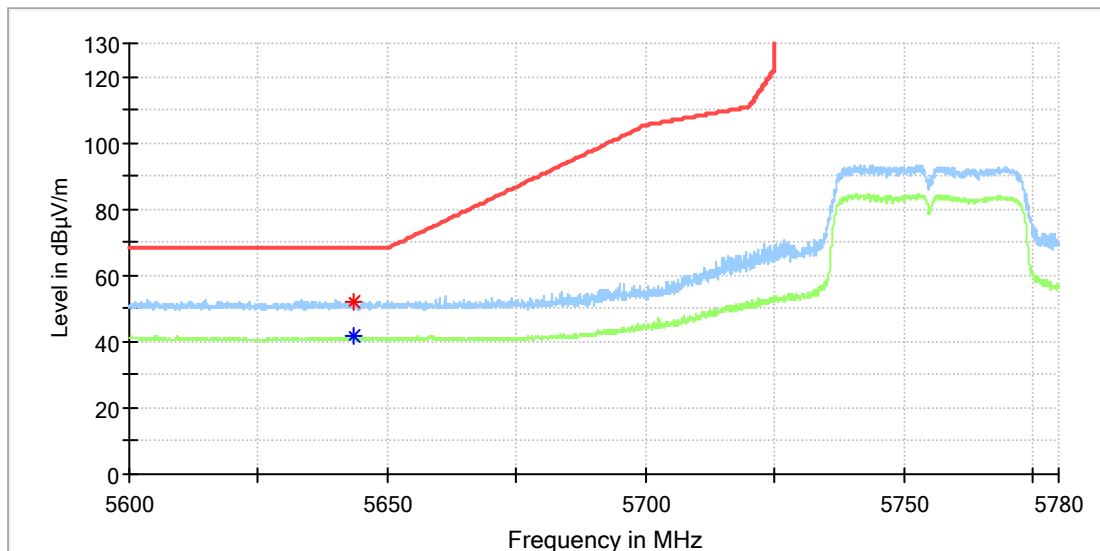
Final_Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11N40_Ch151
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
5643.450000	---	---	---	150.0	H	346.0	13.8
5643.633333	52.23	68.20	15.97	150.0	H	164.0	13.8

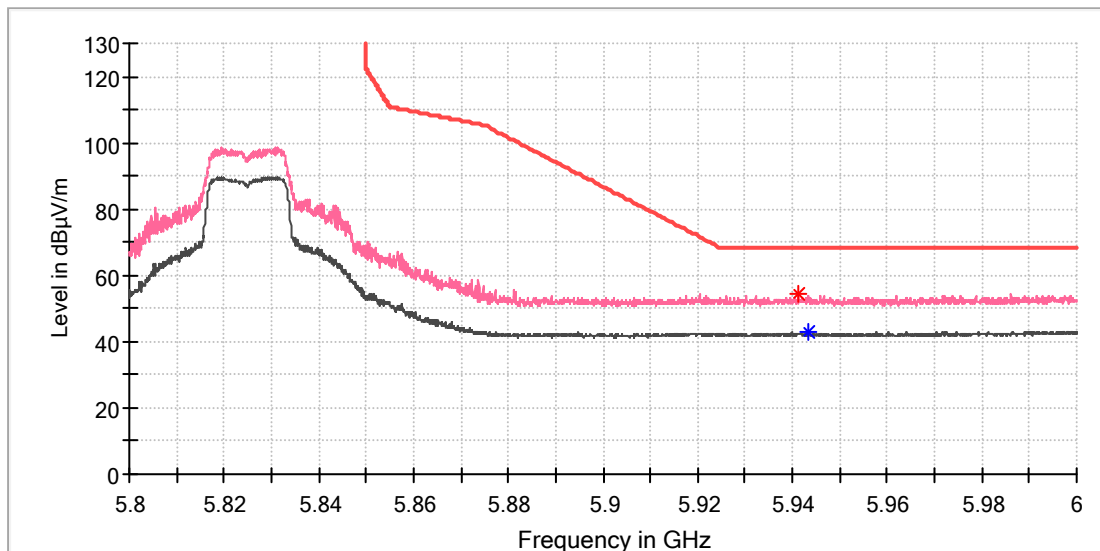
Final_Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11A_Ch165
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
5941.256945	54.31	68.20	13.89	150.0	V	346.0	14.7
5943.548611	---	---	---	150.0	V	0.0	14.7

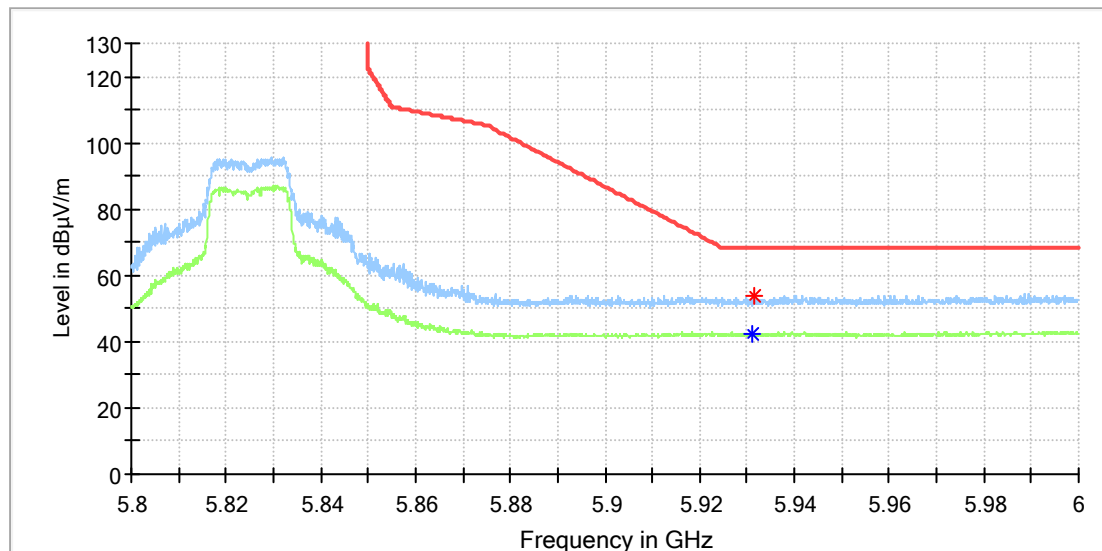
Final Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11A_Ch165
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
5931.173611	---	---	---	150.0	H	73.0	14.7
5931.708333	54.06	68.20	14.14	150.0	H	207.0	14.7

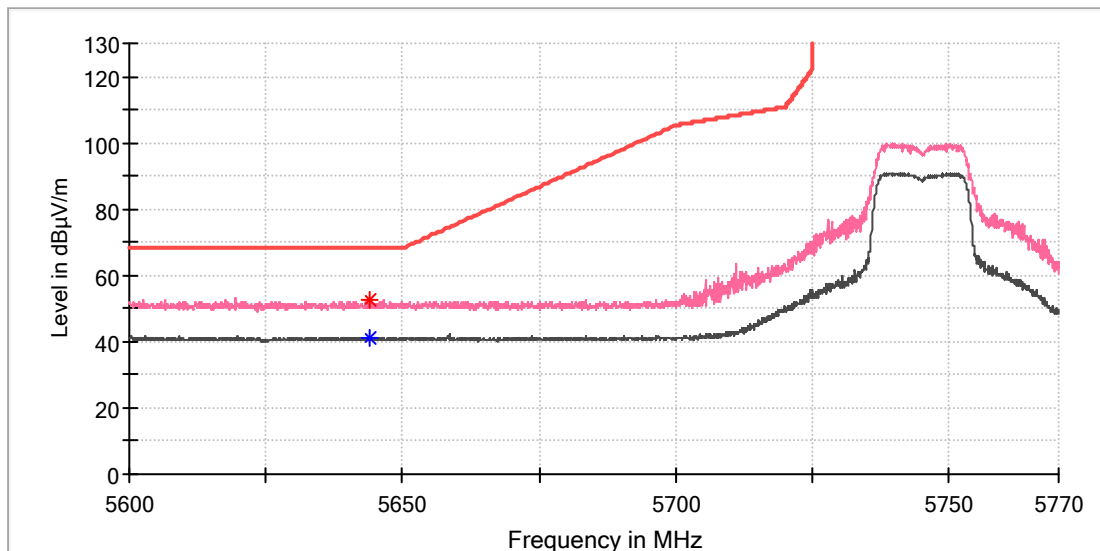
Final_Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11A_Ch149
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
5643.877778	---	---	---	150.0	V	225.0	13.8
5644.061111	52.57	68.20	15.63	150.0	V	284.0	13.8

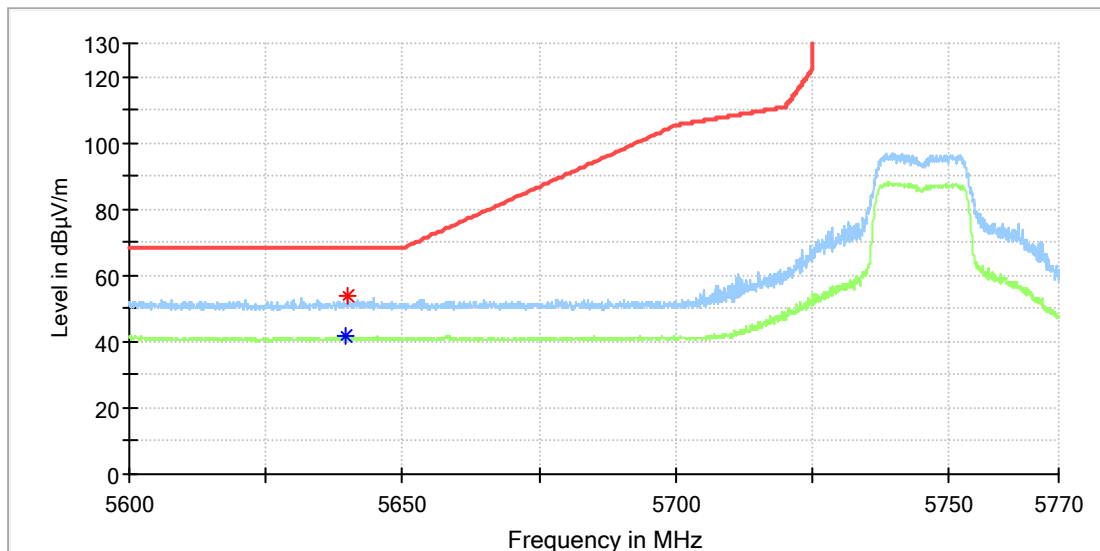
Final_Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Model:	iD888W
Test Mode:	WIFI 5G_11A_Ch149
Order No/Sample No:	168582447/A004137210-001
Test Voltage::	Adaptor
Remark:	Temp 22 Humi:55%
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)
5639.477778	---	---	---	150.0	H	41.0	13.8
5639.905556	53.99	68.20	14.21	150.0	H	265.0	13.8

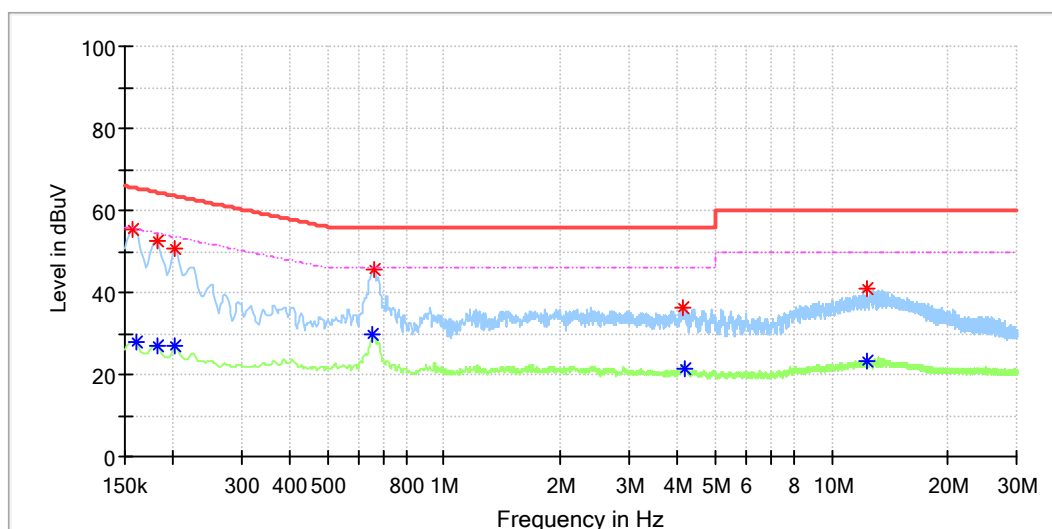
Final_Result

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

Test Report

EUT Information

EUT Name:	Barcode Printer
Order Number:	168582447 30
Model:	iD888W
Test Mode:	Working +USB+LAN+WIFI
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15.207
Test By:/Review By:	Steve Lan/ Murphy Chen
Tem./Hum./Pressure:	24.3°C/51.0%/101kPa
Remark:	SR 3



Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)
0.157	55.6	---	65.60	10.03	N	9.8
0.160	---	28.1	55.47	27.41	N	9.8
0.182	52.5	---	64.38	11.85	N	9.9
0.182	---	27.2	54.38	27.17	N	9.9
0.202	---	26.8	53.52	26.71	N	9.9
0.202	50.5	---	63.52	12.99	N	9.9
0.655	---	29.6	46.00	16.39	N	9.9
0.660	45.6	---	56.00	10.37	N	9.9
4.130	36.3	---	56.00	19.72	N	9.7
4.182	---	21.6	46.00	24.39	N	9.7
12.326	40.7	---	60.00	19.30	N	9.6
12.336	---	23.4	50.00	26.62	N	9.6

Final Result

Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
90.0	-100.0	-100.0	-100.0	0.0	100.0	100.0	1	0.0