

Prüfbericht-Nr.: <i>Test report no.:</i>	CN26WYCM 001	Auftrags-Nr.: <i>Order no.:</i>	27227126	Seite 1 von 22 Page 1 of 22
Kunden-Referenz-Nr.: <i>Client reference no.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	2026-04-02	
Auftraggeber: <i>Client:</i>	fünfeinhalb Funksysteme GmbH Chemnitzer Straße 78A, 01187 Dresden, Germany			
Prüfgegenstand: <i>Test item:</i>	Access Point			
Bezeichnung / Typ-Nr.: <i>Identification / Type no.:</i>	BlitzFunk AW32R (Trademark: BlitzFunk)			
Auftrags-Inhalt: <i>Order content:</i>	Test Report			
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 15 Subpart C §15.247 RSS-247 Issue 4, July 2025 RSS-Gen Issue 5, February 2021			
Wareneingangsdatum: <i>Date of sample receipt:</i>	2026-04-28	(Please refer to photo documents)		
Prüfmuster-Nr.: <i>Test sample no.:</i>	A004250609-003 A004250609-004			
Prüfzeitraum: <i>Testing period:</i>	2026-04-28 - 2026-07-25			
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>	 Hardy Suo		genehmigt von: <i>authorized by:</i>	 Lin Lin
Datum: <i>Date:</i>	2026-07-29		Ausstellungsdatum: <i>Issue date:</i>	2026-07-29
Stellung / Position:	Sachverständige(r)/Expert		Stellung / Position:	Sachverständige(r)/Expert
Sonstiges / <i>Other:</i>	FCC ID: 2BUWU-AW32R IC: 35239-AW32R, HVIN: BlitzFunk AW32R This report is for 2.4GHz 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
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Anmerkungen
Remarks

1	Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben. Detaillierte Informationen bezüglich 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>
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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 115:2021, 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 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i>

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TEST SUMMARY

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 MAXIMUM CONDUCTED OUTPUT POWER

RESULT: Pass

5.1.3 CONDUCTED POWER SPECTRAL DENSITY

RESULT: Pass

5.1.4 6dB BANDWIDTH

RESULT: Pass

5.1.5 99% BANDWIDTH

RESULT: Pass

5.1.6 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 KHz BANDWIDTH

RESULT: Pass

5.1.7 RADIATED SPURIOUS EMISSION

RESULT: Pass

5.1.8 CONDUCTED EMISSION ON AC MAINS

RESULT: Pass

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1 General Remarks

1.1 Complementary Materials

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

Appendix A: Test Results of 2.4 GHz 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, People's Republic of China

A2LA Certificate Number: 5162.01

FCC Test Site Number: CN1260

ISED Test Lab CAB identifier: CN0078

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Radio Spectrum Testing (SRD-Tonscend)						
Equip. No.	Description	Manufacturer	Model	Serial No.	Cal. Date (DD.MM.YYYY)	Cal. until (DD.MM.YYYY)
9039436	EXA Signal Analyzer, Multi-touch	Keysight	N9010B	MY60241175	23.09.2025	22.09.2026
9039437	MXG X-Series RF Vector Signal Generator	Keysight	N5182B	MY61250137	23.09.2025	22.09.2026
9039438	EXG X-Series Microwave Analog Signal Generator	Keysight	N5173B	MY61250141	23.09.2025	22.09.2026
9039439	DC Power Supply	Keysight	E3642A	MY61276100	23.09.2025	22.09.2026
9039440	Wireless Connectivity Tester	R&S	CMW270	102505	23.09.2025	22.09.2026
9039441	Power Control Unit	Tonscend	JS0806-4ADC	N/A	23.09.2025	22.09.2026
9039442	Automation Control Unit	Tonscend	JS0806-2	21C8060396	23.09.2025	22.09.2026
9039443	Test Software	Tonscend	JS1120-3	N/A	N/A	N/A
9039444	Control PC	Lenovo	TianYi510S-071MB	Y LX23JMF	N/A	N/A
G1826483	Humid & Temp Programmable Tester	BOST	NTH090-60	19040801	02.02.2026	01.02.2027
Unwanted Emission Testing (TS9975)						
Equip. No.	Description	Manufacturer	Model	Serial No.	Cal. Date (DD.MM.YYYY)	Cal. until (DD.MM.YYYY)
G1826021	EMI Test Receiver	R&S	ESR 7	102021	22.09.2025	21.09.2026
G1826023	Signal Analyzer	R&S	FSV 40	101439	22.09.2025	21.09.2026
G1826024	System Controller Interface	R&S	SCI-100	S10010038	N/A	N/A
G1826025	Filterbank	R&S	Wlan	100759	22.09.2025	21.09.2026
G1826026	OSP	R&S	OSP 120	102040	N/A	N/A
G1826028	Pre-amplifier	R&S	SCU08F1	08320031	22.09.2025	21.09.2026
G1826029	Amplifier	R&S	SCU-18F	180070	22.09.2025	21.09.2026
G1826030	Amplifier	R&S	SCU40A	100475	22.09.2025	21.09.2026
G1826031	Trilog Broadband Antenna (30 MHz - 7 GHz)	Schwarzbeck	VULB 9162	193	28.09.2024	27.09.2026
G1826032	Double-Ridged Antenna (1 -18 GHz)	ETS-LINDGREN	3117	00218717	28.09.2024	27.09.2026
G1826033	Wideband Ridged Horn Antenna (18-40 GHz)	Steatite	QMS-00880	19067	28.09.2024	27.09.2026

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G1826034	Active Loop Antenna	Schwarzbeck	FMZB 1513	302	28.09.2024	27.09.2026
G1826036	Test software	R&S	EMC32 (V10.60.10)	N/A	N/A	N/A
G1826037	Control PC	Dell	OptiPlex 7050	36NV9P2	N/A	N/A
G1826433	3m Semi-Anechoic Chamber	Albatross	SAC-3m	APC17151-SAC	14.09.2024	13.09.2027

Conducted Emission on AC Mains					
Equip. No.	Description	Manufacturer	Model	Serial No.	Cal. Until
GC-SZ 004632	EMI Test Receiver	R&S	ESR3	102680	2027-02-03
GC-SZ 001010	Artificial Mains Network	R&S	ENV216	102333	2026-07-18
GC-SZ 004633	Artificial Mains Network	R&S	ENV216	101445	2027-02-03
G1825091	EMC32 Test Software	R&S	EMC32(Ver.10.60.20)	N/A	N/A

2.3 Traceability

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

2.4 Calibration

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

2.5 Measurement Uncertainty

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

Table 2: Measurement Uncertainty

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

2.6 Location of Original Data

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

2.7 Status of Facility Used for Testing

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

3 General Product Information

3.1 Product Function and Intended Use

The Product is an access point which supports 2.4 GHz Wi-Fi, 5 GHz Wi-Fi and 6 GHz Wi-Fi and is intended for industrial environments. It assembles three identical wireless module #1 (Model AMLGA7921), wireless module #2 (Model AMLGA7921) and wireless module #3 (Model AMLGA7921).

The wireless module #1 (Model AMLGA7921) has one TX & RX ANT 1 and one RX ANT 3, they are for user data function.

The wireless module #2 (Model AMLGA7921) has one TX & RX ANT 2, it is only for device setup operating on 5745MHz.

The wireless module #3 (Model AMLGA7921) has one TX & RX ANT 4 and one RX ANT 5, they are for user data function.

Note: The wireless module #1, wireless module #2 and wireless module #3 are incapable of transmitting on the same frequency channel simultaneously.

ANT information for Wireless module #1 AMLGA7921		ANT information for Wireless module #2 AMLGA7921	ANT information for Wireless module #3 AMLGA7921	
ANT 1	ANT 3	ANT 2	ANT 4	ANT 5
TX & RX	RX	TX & RX	TX & RX	RX

The wireless module #1, The wireless module #2 and The wireless module #3 have identical hardware, including same antennas and same power setting level in firmware.

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:	Access Point
Type Designation:	BlitzFunk AW32R
Trademark:	BlitzFunk
FCC ID:	2BUWU-AW32R
IC:	35239-AW32R
HVIN:	BlitzFunk AW32R
Operating Voltage:	DC 12-48 V, max. 0.5 A
Testing Voltage:	AC 120 V, 60 Hz (power supply external adapter)
Adapter:	M/N: E80120 Input: AC 100-240 V, 50/60 Hz Output: DC 24V, 1.0 A, 24 W
Operating Temperature Range:	-20 °C ~ +60 °C
Radiofrequency operating mode:	1) 2.4 GHz Wi-Fi: operating within 2400-2483.5 MHz, supports IEEE 802.11 g 2) 5 GHz Wi-Fi: operating within 5150 - 5250 MHz, 5725 - 5850 MHz, 5850-5895 MHz supports IEEE 802.11 a 3) 6 GHz Wi-Fi: operating within 5925 - 7125 MHz, supports IEEE 802.11 ax20
Technical Specification of 2.4 GHz Wi-Fi	
Operating Frequency:	2412 - 2462 MHz of IEEE 802.11 g

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Type of Modulation:	OFDM
Channel Number:	3 channels
Channel Bandwidth:	20 MHz
Data Rate:	IEEE 802.11g: 54/48/36/24/18/12/9/6 Mbps
Antenna Type:	Integral Antenna
Antenna Number:	1Tx1Rx (1TX: ANT1 or ANT4; 1RX: ANT 3 or ANT 5)
Antenna Gain:	2.1 dBi for ANT1, ANT4 (Provided by the Client)
Technical Specification of 5 GHz Wi-Fi	
Operating Frequency:	• U-NII-1 band: 5180 - 5240 MHz of IEEE 802.11 a • U-NII-3 band: 5745 - 5825 MHz of IEEE 802.11 a • U-NII-4 band: 5845 - 5864 MHz of IEEE 802.11 a
Type of Modulation:	OFDM
Channel Number:	4 channels for U-NII-1 band: 5180 - 5240 MHz 5 channels for U-NII-3 band: 5745 - 5825 MHz 2 channels for U-NII-4 band: 5845 - 5865 MHz
Channel Bandwidth:	20 MHz
Data Rate:	802.11a: 54/48/36/24/18/12/9/6 Mbps
Antenna Type:	Integral Antenna
Antenna Number:	1Tx1Rx (1TX: ANT1 or ANT2 or ANT4; 1RX: ANT 3 or ANT 5)
Antenna Gain:	3.1 dBi for ANT1, ANT2, ANT4 (Provided by the Client)
DFS device type:	Master
Technical Specification of 6 GHz Wi-Fi	
Operating Frequency:	• U-NII-5 band: 5955 - 6415 MHz of IEEE 802.11 ax20 • U-NII-6 band: 6435 - 6515 MHz of IEEE 802.11 ax20 • U-NII-7 band: 6535 - 6855 MHz of IEEE 802.11 ax20 • U-NII-8 band: 6875 - 7115 MHz of IEEE 802.11 ax20
Type of Modulation:	OFDMA
Channel Number:	24 channels for U-NII-5 band: 5955 - 6415 MHz 5 channels for U-NII-6 band: 6435 - 6515 MHz 18 channels for U-NII-7 band: 6535 - 6855 MHz 12 channels for U-NII-8 band: 6875 - 7115 MHz
Channel Bandwidth:	20 MHz
Data Rate:	IEEE 802.11ax: up to 2402 Mbps
Antenna Type:	Integral Antenna
Antenna Number:	1Tx1Rx (1TX: ANT1 or ANT4; 1RX: ANT 3 or ANT 5)
Antenna Gain:	3.3 dBi for ANT1, ANT4 (Provided by the Client)
Equipment class:	Low-power indoor access points

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 2.4GHz Wi-Fi

2.4GHz Wi-Fi 2412 – 2462 MHz, 20MHz Bandwidth	
Channel	Frequency (MHz)
01	2412
06	2437
11	2462

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

U-NII-1 5150-5250 MHz, 20MHz Bandwidth	
Channel	Frequency (MHz)
36	5180
40	5200
44	5220
48	5240

U-NII-3 5725-5850 MHz, 20MHz Bandwidth	
Channel	Frequency (MHz)
149	5745*
153	5765
157	5785
161	5805
165	5825

*Note: 5745MHz is for device setup, it keeps transmitting.

U-NII-4 5850-5895 MHz, 20MHz Bandwidth	
Channel	Frequency (MHz)
169	5845
173	5865

Table 6: RF Channel and Frequency of 6GHz Wi-Fi

U-NII-5 5925-6425 MHz, 20MHz Bandwidth	
Channel	Frequency (MHz)
1	5955
5	5975
9	5995
13	6015
17	6035
21	6055
25	6075
29	6095
33	6115
37	6135
41	6155
45	6175
49	6195
53	6215
57	6235
61	6255
65	6275
69	6295
73	6315
77	6335
81	6355
85	6375
89	6395
93	6415

U-NII-6 6425-6525 MHz, 20MHz Bandwidth	
Channel	Frequency (MHz)
97	6435
101	6455
105	6475
109	6495
113	6515

U-NII-7 6525-6875 MHz, 20MHz Bandwidth	
Channel	Frequency (MHz)
117	6535
121	6555
125	6575
129	6595
133	6615
137	6635
141	6655
145	6675
149	6695
153	6715
157	6735
161	6755
165	6775
169	6795
173	6815
177	6835
181	6855
185	6875

U-NII-8 6875-7125 MHz, 20MHz Bandwidth	
Channel	Frequency (MHz)
189	6895
193	6915
197	6935
201	6955
205	6975
209	6995
213	7015
217	7035
221	7055
225	7075
229	7095
233	7115

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, 2.4 GHz Wi-Fi wireless transmitting mode
- B. On, Co-Tx for 2.4 GHz Wi-Fi + 5 GHz Wi-Fi + 6 GHz Wi-Fi

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

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

4 Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

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

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

4.2 Test Operation and Test Software

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

According to clause 3.1, all tests were performed on model BlitzFunk AW32R in this report. All tests were performed on different wireless modules with model (Model AMLGA7921) and various ANT's, and the worst case was recorded in this report.

4.3 Special Accessories and Auxiliary Equipment

Table 7: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	Remark
Laptop	Lenovo	T480	S/N: PF-16A6N8

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)

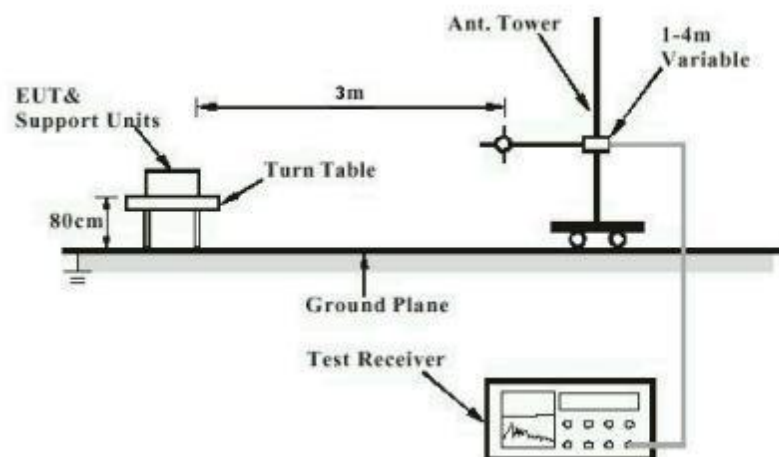


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)

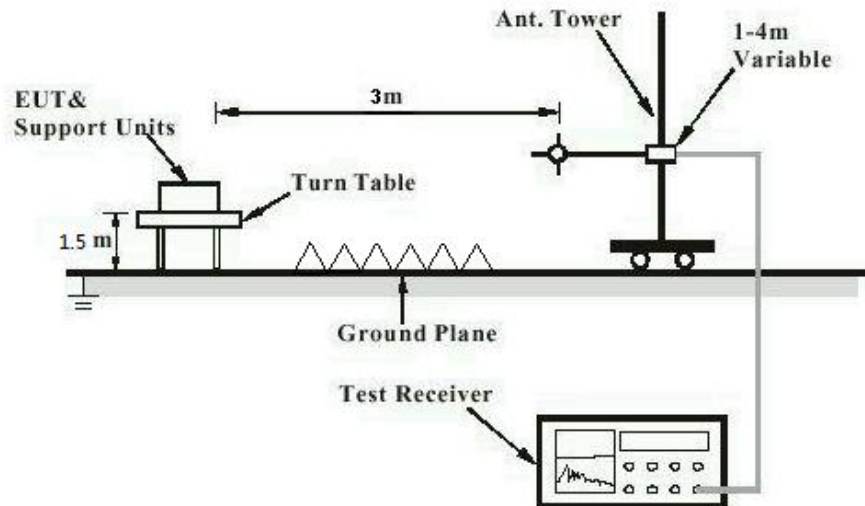


Diagram of Measurement Configuration for Mains Conduction Measurement

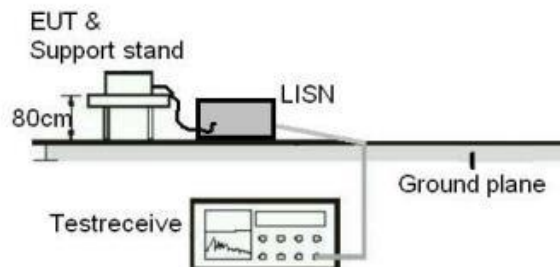
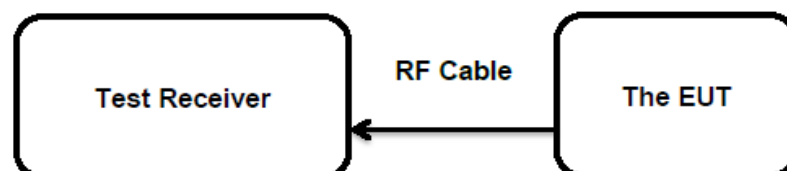


Diagram of Measurement Configuration for Conducted Transmitter Measurement



5 Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

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

Test standard : FCC Part 15.247(b)(4) and Part 15.203

The EUT has five integral antennas, three antennas are TX&RX, other two antennas for RX only, refer to the table below for details:

ANT information for Wireless module #1 AMLGA7921		ANT information for Wireless module #2 AMLGA7921	ANT information for Wireless module #3 AMLGA7921	
ANT 1	ANT 3	ANT 2	ANT 4	ANT 5
TX & RX	RX	TX & RX	TX & RX	RX
Identical ANT gain for each antenna: 1) 2.1dBi, 2400-2500MHz 2) 3.1dBi, 5150-5895MHz 3) 3.3dBi, 5925-7125MHz				

The antenna connectors are designed with permanent attachment and no consideration of replacement. Therefore, the EUT is considered sufficient to comply with the provision.

Refer to EUT Photo for further details.

5.1.2 Maximum Conducted Output Power
RESULT:
Pass
Test Specification

Test standard	:	FCC Part 15.247(b)(3) RSS-247 Clause 6.3.2
Basic standard	:	ANSI C63.10-2020, ANSI C63.10-2020 + Corrigendum 1-2023 + Amendment 1-2024
Limits	:	< 1.0 Watts (conducted output power), < 4.0 Watts (e.i.r.p.)
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	2026-04-28 - 2026-07-25
Input voltage	:	AC 120V, 60Hz
Operation mode	:	A
Test channel	:	Low / Middle / High
Ambient temperature	:	24.5 °C
Relative humidity	:	50 %
Atmospheric pressure	:	101 kPa

For details refer to following test result.

Table 8: Test Result of Maximum Conducted Output Power, 2.4GHz Wi-Fi

TestMode	Antenna	Channel	Conducted PK Power [dBm]	Conducted PK Power [W]	Limit [dBm]	Verdict
IEEE 802.11g	ANT4	2412	20.31	0.1074	≤30.00	PASS
	ANT4	2437	24.60	0.2884	≤30.00	PASS
	ANT4	2462	21.02	0.1265	≤30.00	PASS

Note:

- 1) The cable loss is taken into account in results. The Duty Cycle Factor was compensated in the test results.
- 2) Antenna gain(G): 2.1 dBi for 2.4GHz Wi-Fi.
- 3) e.i.r.p. = 24.60dBm + 2.1dBi = 26.70 dBm that is less than 36dB (=4W)

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5.1.3 Conducted Power Spectral Density**RESULT:****Pass****Test Specification**

Test standard	: FCC Part 15.247(e) RSS-247 Clause 6.3.1(b)
Basic standard	: ANSI C63.10-2020, ANSI C63.10-2020 + Corrigendum 1- 2023 + Amendment 1-2024
Limits	: < 8 dBm / 3kHz
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2026-04-28 - 2026-07-25
Input voltage	: AC 120V, 60Hz
Operation mode	: A
Test channel	: Low / Middle / High
Ambient temperature	: 24.5 °C
Relative humidity	: 50 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A.

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5.1.4 6dB Bandwidth

RESULT:

Pass

Test Specification

Test standard	: FCC Part 15.247(a)(2) RSS-247 Clause 6.3.1(a)
Basic standard	: ANSI C63.10-2020, ANSI C63.10-2020 + Corrigendum 1-2023 + Amendment 1-2024
Limits	: > 500 kHz
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2026-04-28 - 2026-07-25
Input voltage	: AC 120V, 60Hz
Operation mode	: A
Test channel	: Low / Middle / High
Ambient temperature	: 24.5 °C
Relative humidity	: 50 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A.

Prüfbericht - Nr.: CN26WYCM 001
Test Report No.:Seite 18 von 22
Page 18 of 22**5.1.5 99% Bandwidth****RESULT:****Pass****Test Specification**

Test standard	: FCC Part 15.247(a) RSS-Gen Clause 6.7
Basic standard	: ANSI C63.10-2020, ANSI C63.10-2020 + Corrigendum 1- 2023 + Amendment 1-2024
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2026-04-28 - 2026-07-25
Input voltage	: AC 120V, 60Hz
Operation mode	: A
Test channel	: Low / Middle / High
Ambient temperature	: 24.5 °C
Relative humidity	: 50 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A.

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5.1.6 Conducted Spurious Emissions Measured in 100 kHz Bandwidth**RESULT:****Pass****Test Specification**

Test standard	: FCC Part 15.247(d) RSS-247 Clause 6.6
Basic standard	: ANSI C63.10-2020, ANSI C63.10-2020 + Corrigendum 1-2023 + Amendment 1-2024
Limits	: 20dB (below that in the 100kHz bandwidth within the band that contains the highest level of the desired power); In addition, radiated emissions which fall in the restricted bands, must also comply with the radiated emission limits specified in 15.209(a)
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2026-04-28 - 2026-07-25
Input voltage	: AC 120V, 60Hz
Operation mode	: A
Test channel	: Low / Middle / High
Ambient temperature	: 24.5 °C
Relative humidity	: 50 %
Atmospheric pressure	: 101 kPa

Test results of 100kHz Bandwidth of Frequency Band Edge by Conducted method refer to test plots, and compliance is achieved as well.

For the measurement records, refer to the appendix A.

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5.1.7 Radiated Spurious Emission**RESULT:****Pass****Test Specification**

Test standard	: FCC Part 15.247(d) & FCC Part 15.205 RSS-247 Clause 6.6
Basic standard	: ANSI C63.10-2020, ANSI C63.10-2020 + Corrigendum 1- 2023 + Amendment 1-2024
Limits	: Refer to 15.209(a) of FCC part 15.247(d) RSS-Gen Section 8.9 & 8.10
Kind of test site	: 3m Semi-anechoic Chamber

Test Setup

Date of testing	: 2026-04-28 - 2026-07-25
Input voltage	: AC 120V, 60Hz
Operation mode	: A, B
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.

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5.1.8 Conducted Emission on AC Mains**RESULT:****Pass****Test Specification**

Test standard	:	FCC Part 15.207(a) RSS-Gen Section 8.8
Basic standard	:	ANSI C63.10-2020, ANSI C63.10-2020 + Corrigendum 1- 2023 + Amendment 1-2024
Frequency range	:	0.15 – 30MHz
Limits	:	FCC Part 15.207(a) RSS-Gen Table 4
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	2026-04-28 - 2026-06-15
Input voltage	:	AC 120V, 60Hz
Operation mode	:	B
Earthing	:	Not connected
Ambient temperature	:	Refer to test result
Relative humidity	:	Refer to test result
Atmospheric pressure	:	101 kPa

For the measurement records, refer to the appendix A.

6 Photographs of the Test Set-Up

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

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Appendix A: Test Results of 2.4GHz Wi-Fi

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Appendix A.1: Test Results of 6dB Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11G	Ant1	2412	15.840	2404.040	2419.880	0.5	PASS
		2437	16.120	2428.880	2445.000	0.5	PASS
		2462	16.280	2453.840	2470.120	0.5	PASS

Test Graphs

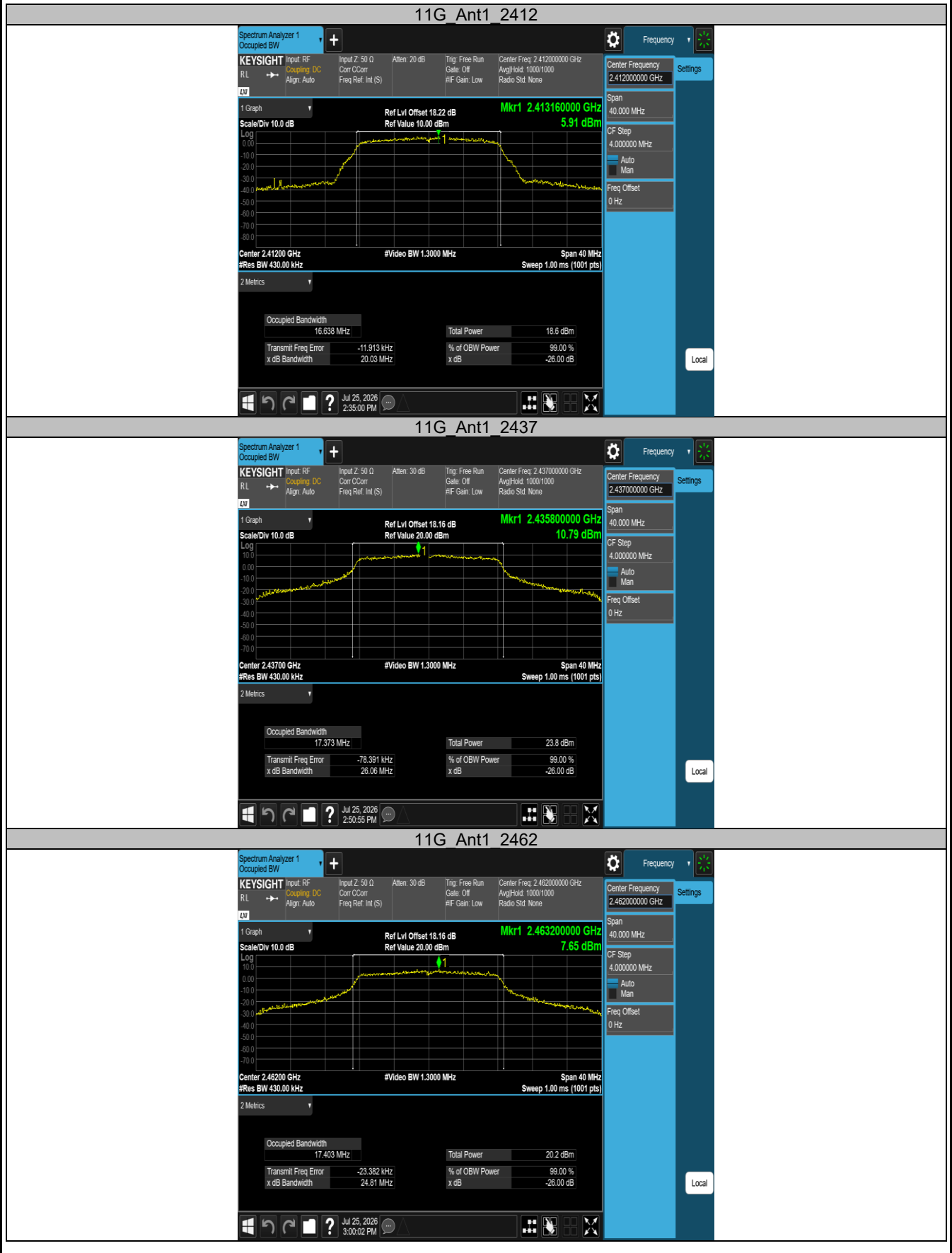


Appendix A.2: Test Results of 99% Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11G	Ant1	2412	16.638	2403.6691	2420.3071	---	---
		2437	17.373	2428.2351	2445.6081	---	---
		2462	17.403	2453.2751	2470.6781	---	---

Test Graphs



Appendix A.3: Test Results of Maximum Power Spectral Density

Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11G	Ant1	2412	-12.40	≤8.00	PASS
		2437	-8.21	≤8.00	PASS
		2462	-11.16	≤8.00	PASS

Test Graphs

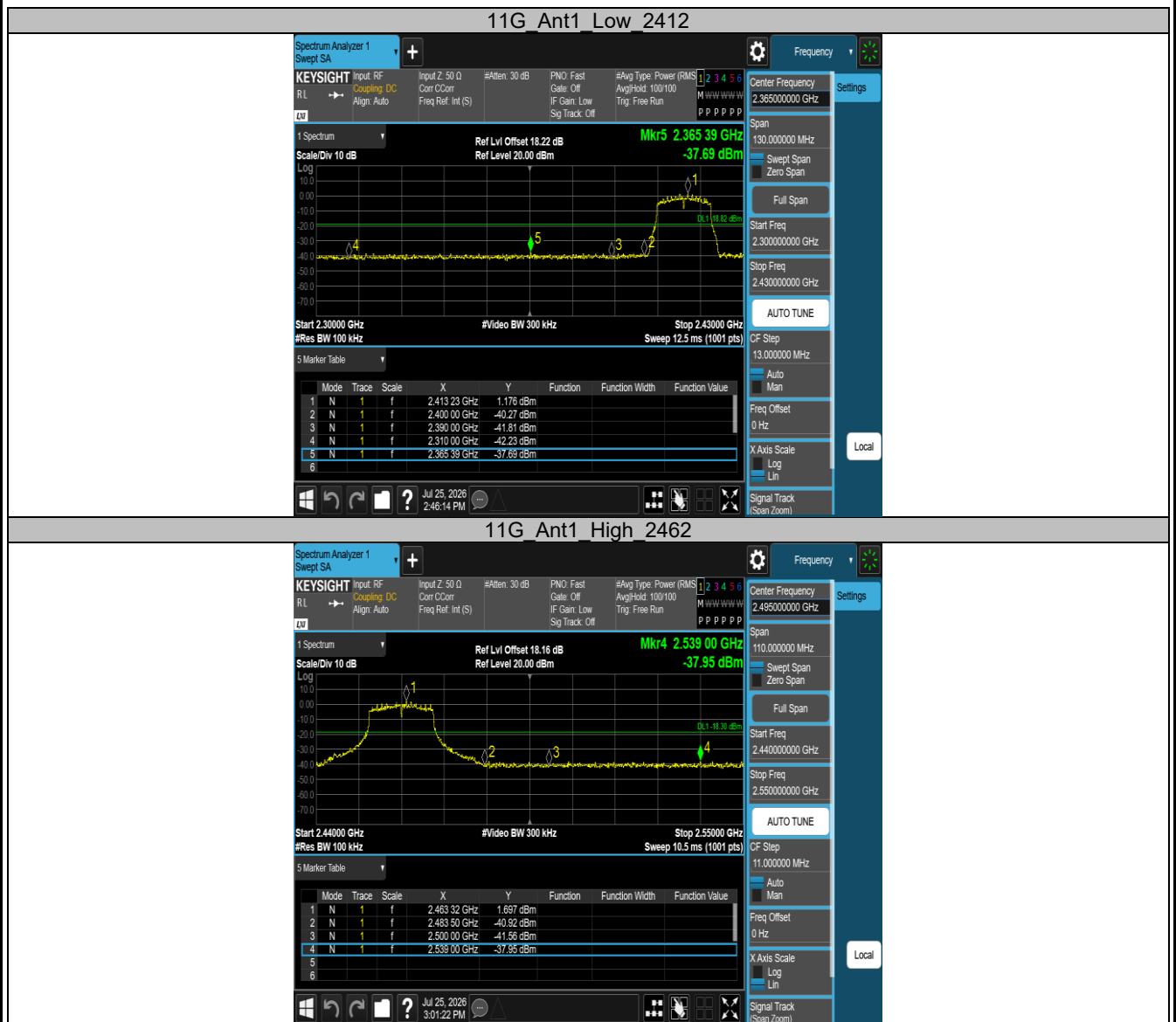


Appendix A.4: Test Results of Band Edge Measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11G	Ant1	Low	2412	1.18	-37.69	≤-18.82	PASS
		High	2462	1.70	-37.95	≤-18.3	PASS

Test Graphs



Appendix A.5: Test Results of Conducted Spurious Emission

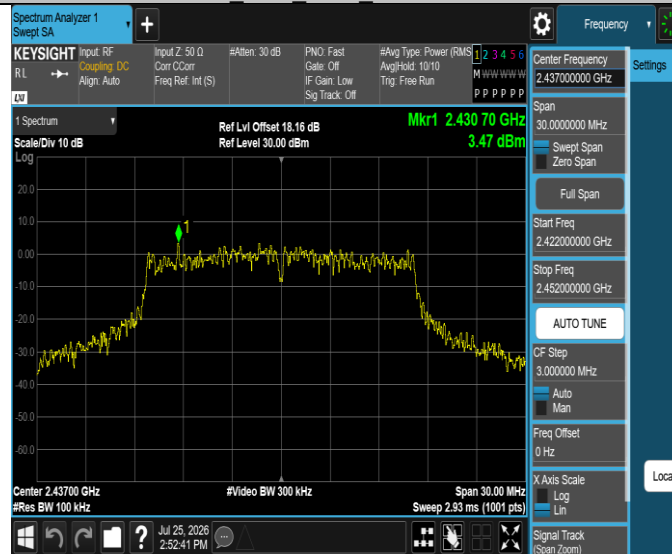
Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11G	Ant1	2412	Reference	0.46	0.46	---	PASS
			30~1000	0.46	-40.68	≤-19.54	PASS
			1000~26500	0.46	-42.89	≤-19.54	PASS
		2437	Reference	3.47	3.47	---	PASS
			30~1000	3.47	-41.35	≤-16.53	PASS
			1000~26500	3.47	-43.36	≤-16.53	PASS
		2462	Reference	0.08	0.08	---	PASS
			30~1000	0.08	-41.93	≤-19.92	PASS
			1000~26500	0.08	-43.37	≤-19.92	PASS

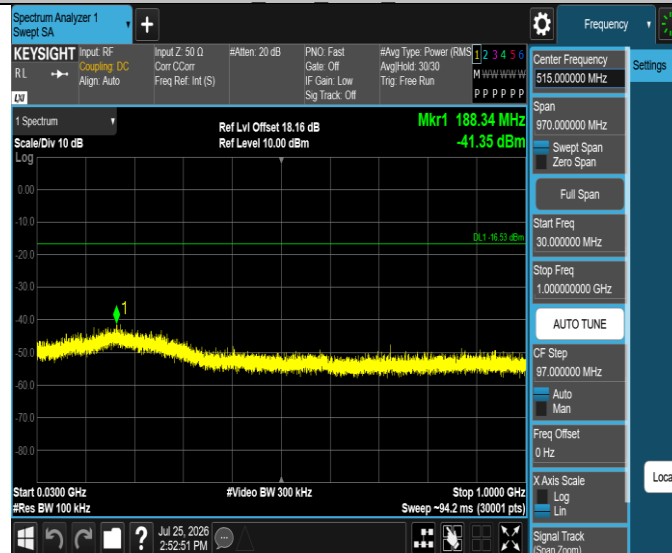
Test Graphs



11G Ant1_2437 0~Reference



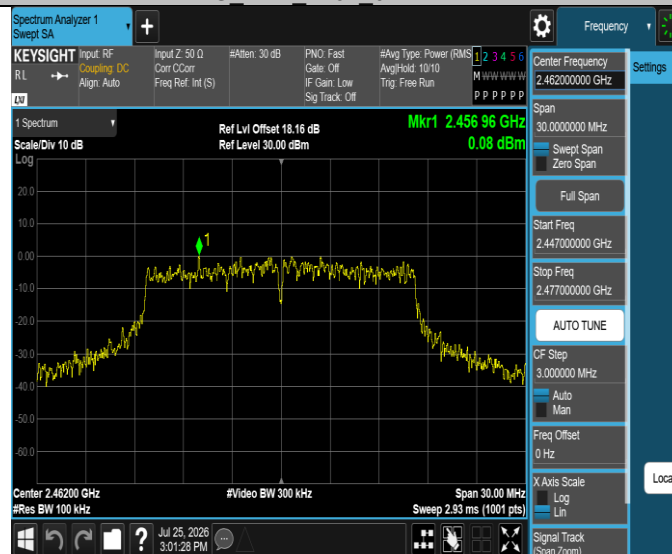
11G Ant1_2437 30~1000



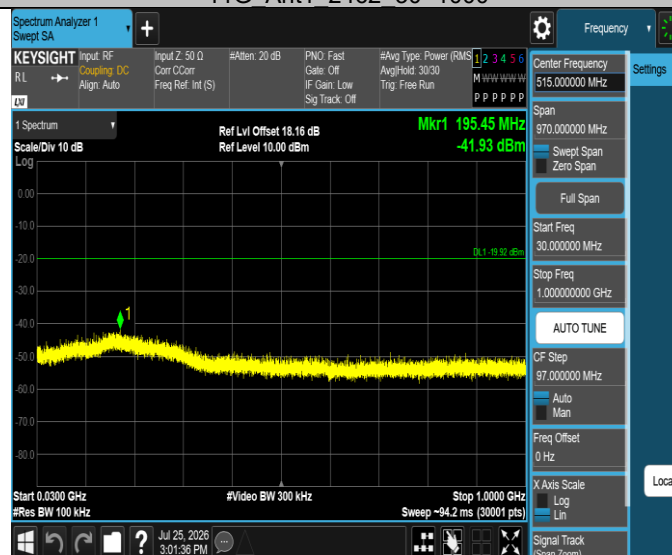
11G Ant1_2437 1000~26500



11G Ant1_2462 0~Reference



11G Ant1_2462 30~1000



11G Ant1_2462 1000~26500



Appendix A.6: Test Results of Radiated Spurious Emissions

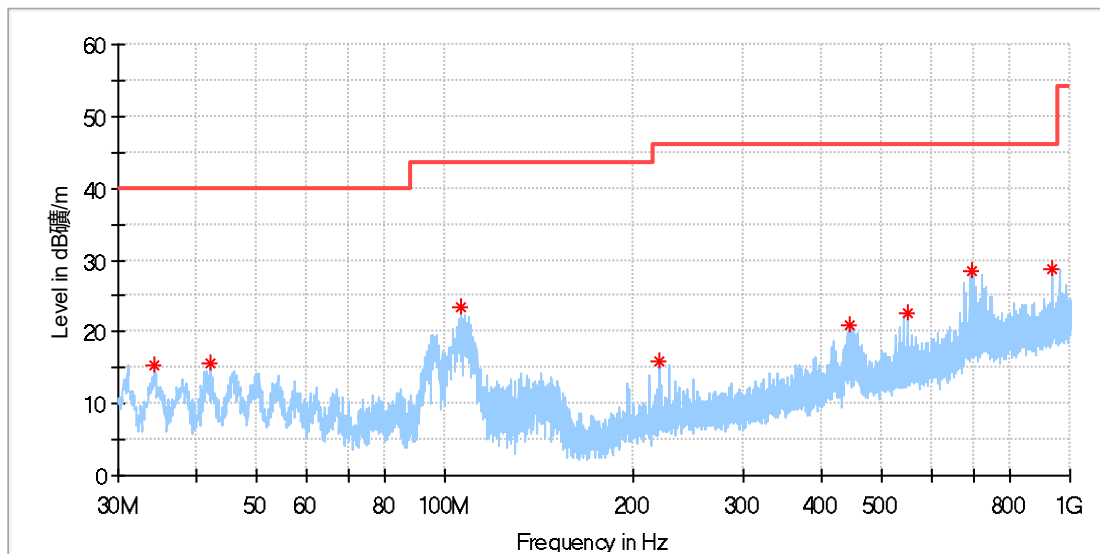
Note:

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

30MHz - 1GHz

EUT Information

EUT Name:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

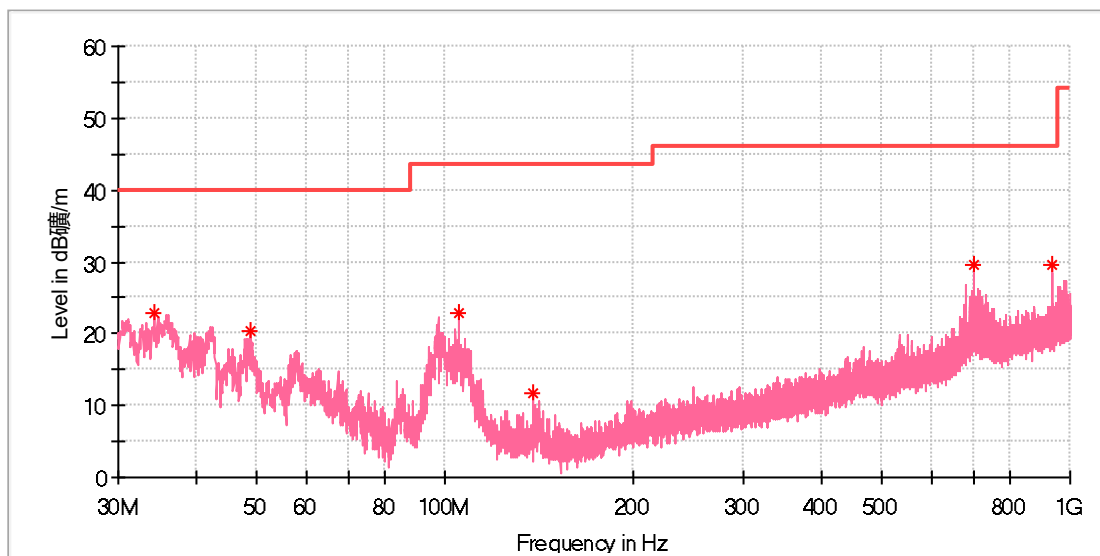
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
34.268000	15.41	40.00	24.59	100.0	H	274.0	-22.2
42.173500	15.52	40.00	24.48	100.0	H	26.0	-19.6
106.387500	23.48	43.50	20.02	100.0	H	147.0	-19.0
220.071500	15.93	46.00	30.07	100.0	H	77.0	-18.6
445.014500	20.81	46.00	25.19	100.0	H	338.0	-12.9
551.278000	22.58	46.00	23.42	100.0	H	77.0	-10.8
698.524000	28.45	46.00	17.55	100.0	H	114.0	-8.0
936.950000	28.65	46.00	17.35	100.0	H	347.0	-4.4

Final_Result

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

EUT Information

EUT Name:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.247
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)
34.316500	22.83	40.00	17.17	100.0	V	21.0	-22.2
48.721000	20.38	40.00	19.62	100.0	V	0.0	-18.5
105.223500	22.82	43.50	20.68	100.0	V	291.0	-18.9
138.446000	11.76	43.50	31.74	100.0	V	207.0	-22.3
700.027500	29.56	46.00	16.44	100.0	V	235.0	-7.9
936.950000	29.45	46.00	16.55	100.0	V	0.0	-4.4

Final_Result

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

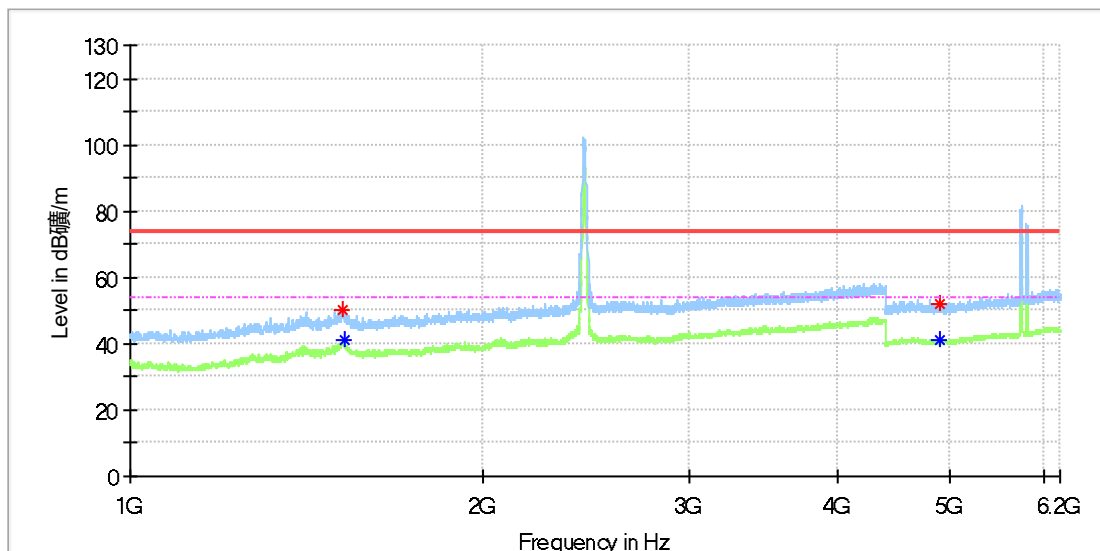
1GHz - 18GHz

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

*Note: 5745MHz is for device setup, it keeps transmitting.

EUT Information

EUT Name:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

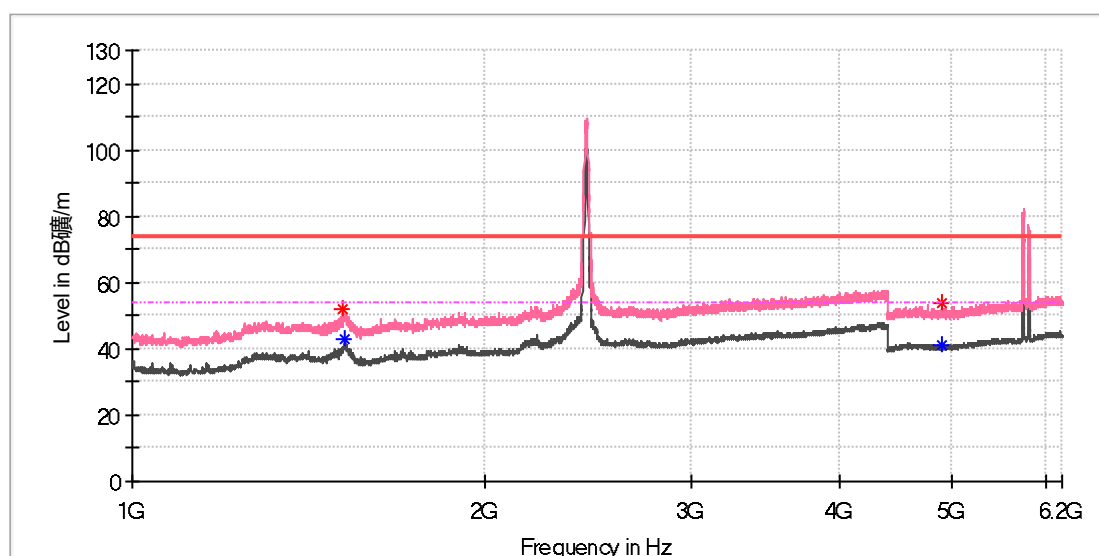
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1520.000000	50.21	---	74.00	23.79	150.0	H	222.0	2.8
1521.000000	---	41.12	54.00	12.88	150.0	H	222.0	2.8
4897.500000	51.90	---	74.00	22.10	150.0	H	31.0	13.3
4905.000000	---	41.14	54.00	12.86	150.0	H	2.0	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)
----	----	----	----	----	----		----	-----

EUT Information

EUT Name:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

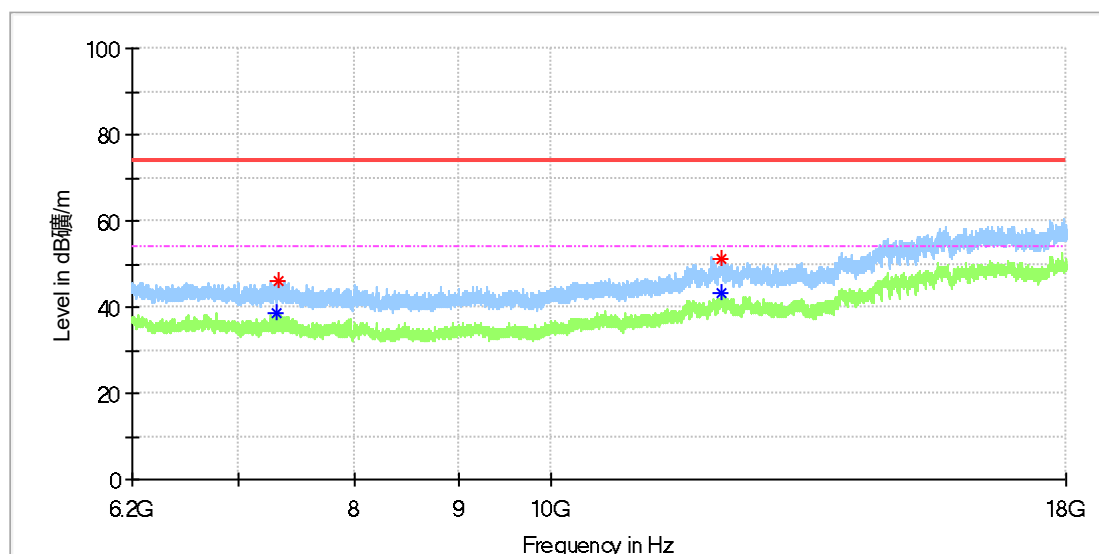
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1514.000000	52.13	---	74.00	21.87	150.0	V	274.0	2.7
1520.000000	---	42.86	54.00	11.14	150.0	V	274.0	2.8
4900.500000	---	40.99	54.00	13.01	150.0	V	0.0	13.3
4901.000000	53.52	---	74.00	20.48	150.0	V	88.0	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)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

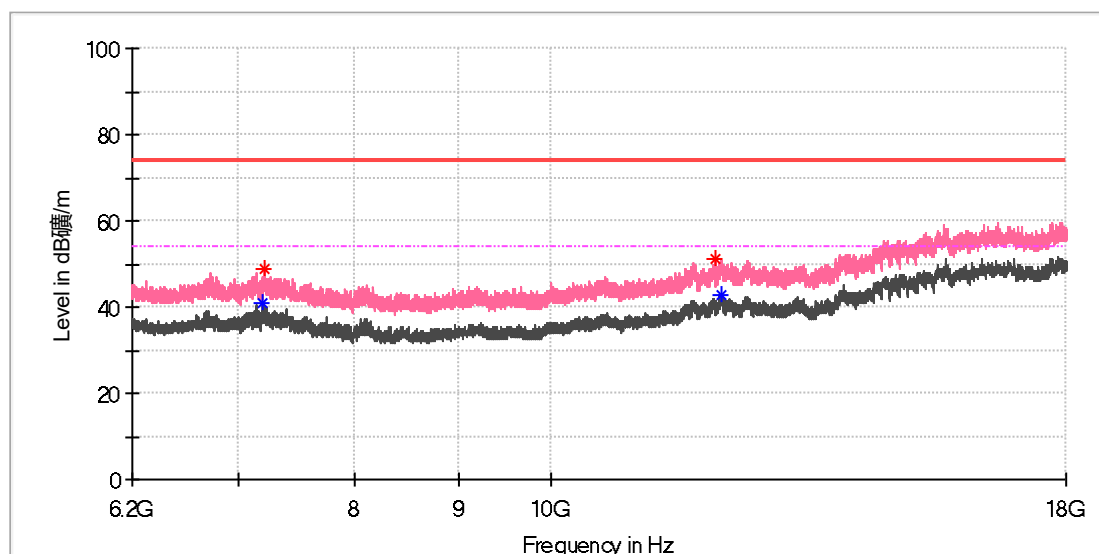
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7314.608333	---	38.71	54.00	15.29	150.0	H	4.0	8.2
7327.391667	46.19	---	74.00	27.81	150.0	H	4.0	8.1
12139.333333	51.27	---	74.00	22.73	150.0	H	319.0	16.5
12146.708333	---	43.04	54.00	10.96	150.0	H	319.0	16.6

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:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.247
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)
7197.591667	---	40.95	54.00	13.05	150.0	V	328.0	8.8
7214.800000	48.67	---	74.00	25.33	150.0	V	354.0	8.7
12053.783333	51.31	---	74.00	22.69	150.0	V	61.0	16.0
12143.758333	---	42.89	54.00	11.11	150.0	V	159.0	16.6

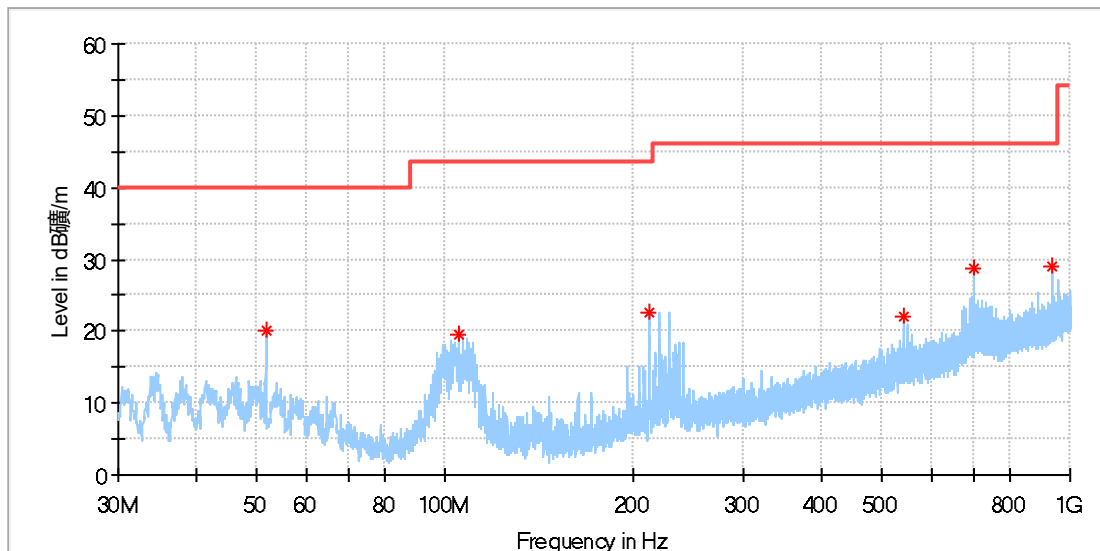
Final Result

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

30MHz - 1GHz for co-location

EUT Information

EUT Name:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	2.4G WIFI_CH2412+5G WIFI_CH5745+2.4G WIFI_CH2462
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

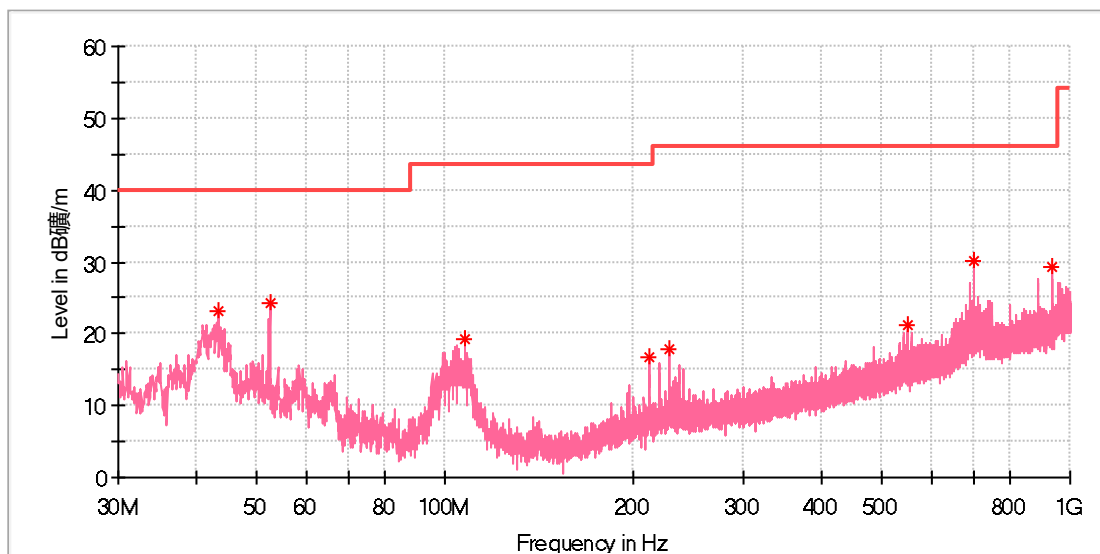
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
51.825000	20.04	40.00	19.96	100.0	H	66.0	-18.4
105.336667	19.53	43.50	23.97	100.0	H	93.0	-18.9
212.413889	22.54	43.50	20.96	100.0	H	250.0	-18.8
543.022222	21.94	46.00	24.06	100.0	H	243.0	-10.9
700.054444	28.73	46.00	17.27	100.0	H	205.0	-7.9
938.405000	28.91	46.00	17.09	100.0	H	358.0	-4.4

Final Result

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

EUT Information

EUT Name:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	2.4G WIFI_CH2412+5G WIFI_CH5745+2.4G WIFI_CH2462
Order No./Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

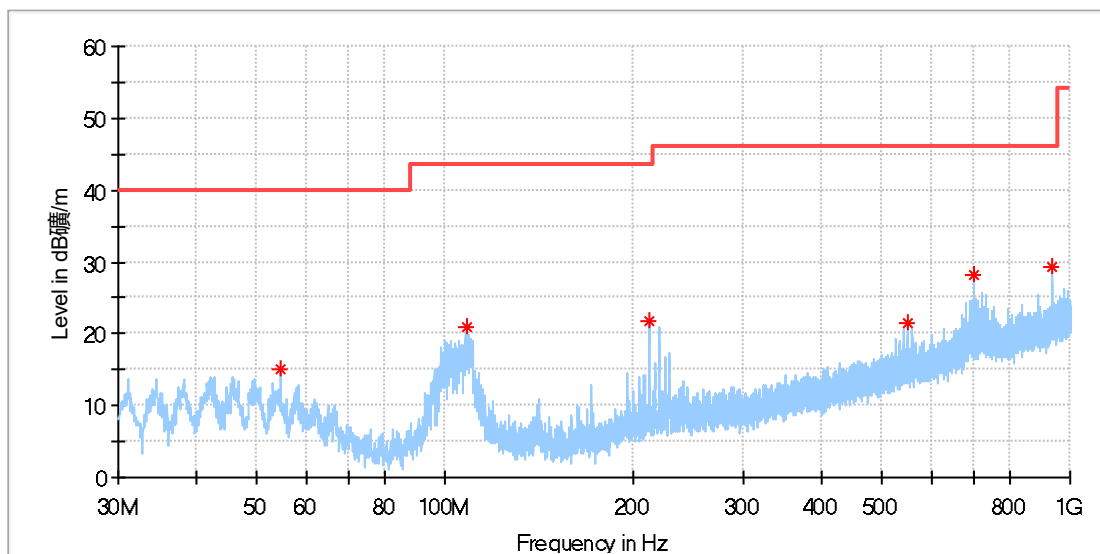
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
43.418333	23.24	40.00	16.76	100.0	V	172.0	-19.3
52.471667	24.32	40.00	15.68	100.0	V	189.0	-18.5
107.707778	19.38	43.50	24.12	100.0	V	155.0	-19.1
212.306111	16.70	43.50	26.80	100.0	V	353.0	-18.8
228.526667	17.93	46.00	28.07	100.0	V	155.0	-18.2
550.943889	21.23	46.00	24.77	100.0	V	0.0	-10.8
700.054444	30.13	46.00	15.87	100.0	V	220.0	-7.9
936.950000	29.39	46.00	16.61	100.0	V	320.0	-4.4

Final_Result

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

EUT Name:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	5G WIFI_CH5180+5G WIFI_CH5745+5G WIFI_CH5865
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

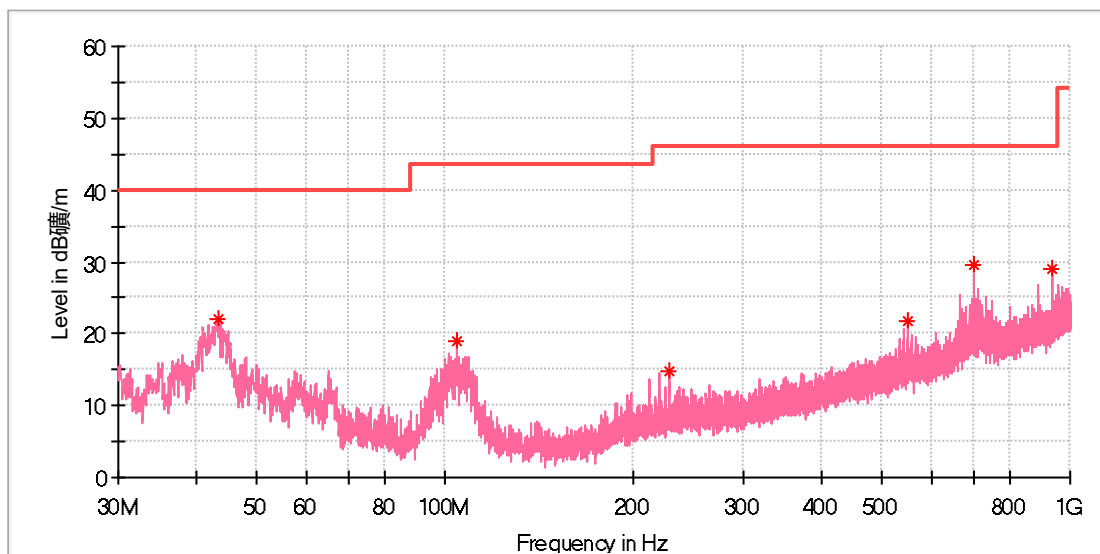
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
54.465556	15.15	40.00	24.85	100.0	H	98.0	-18.5
108.031111	21.00	43.50	22.50	100.0	H	281.0	-19.1
212.306111	21.64	43.50	21.86	100.0	H	249.0	-18.8
549.973889	21.58	46.00	24.42	100.0	H	233.0	-10.8
700.054444	28.20	46.00	17.80	100.0	H	224.0	-7.9
936.950000	29.41	46.00	16.59	100.0	H	15.0	-4.4

Final_Result

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

EUT Name:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	5G WIFI_CH5180+5G WIFI_CH5745+5G WIFI_CH5865
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

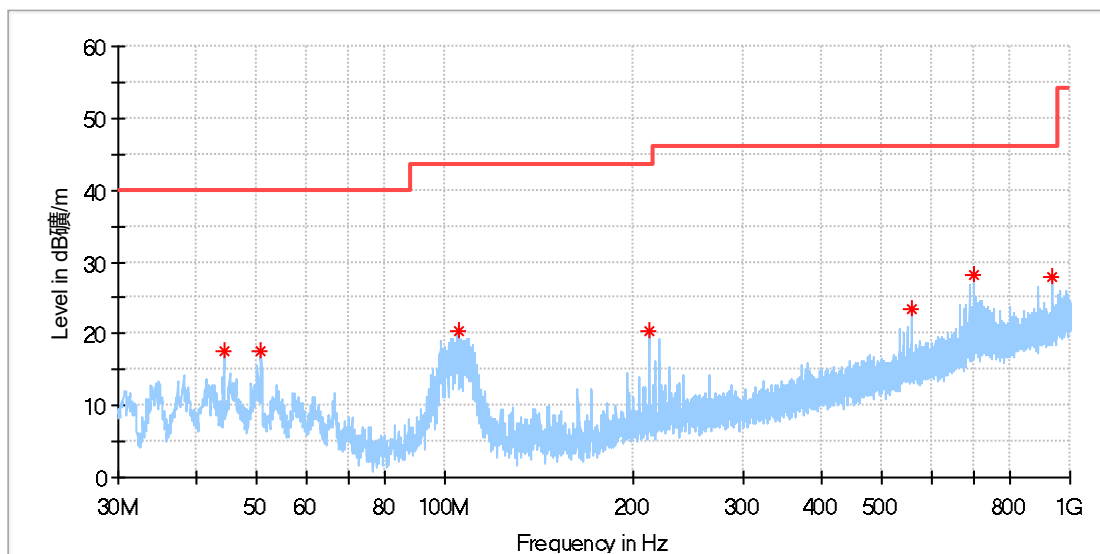
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
43.472222	22.07	40.00	17.93	100.0	V	335.0	-19.3
104.582222	18.99	43.50	24.51	100.0	V	181.0	-18.9
228.688333	14.77	46.00	31.23	100.0	V	359.0	-18.2
550.027778	21.75	46.00	24.25	100.0	V	158.0	-10.8
700.054444	29.71	46.00	16.29	100.0	V	222.0	-7.9
936.950000	28.94	46.00	17.06	100.0	V	149.0	-4.4

Final_Result

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

EUT Name:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	6G WIFI_CH5955+5G WIFI_CH5745+6G WIFI_CH7095
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

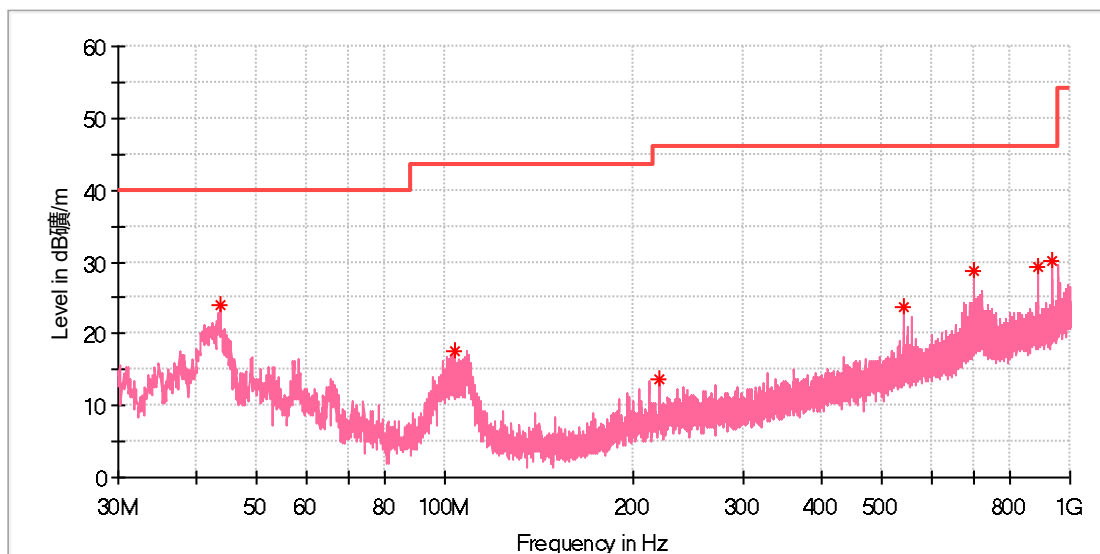
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
44.334444	17.51	40.00	22.49	100.0	H	60.0	-19.1
50.693333	17.72	40.00	22.28	100.0	H	92.0	-18.4
105.336667	20.29	43.50	23.21	100.0	H	84.0	-18.9
212.198333	20.30	43.50	23.20	100.0	H	228.0	-18.8
558.865556	23.43	46.00	22.57	100.0	H	235.0	-10.6
700.054444	28.09	46.00	17.91	100.0	H	204.0	-7.9
936.950000	27.85	46.00	18.15	100.0	H	357.0	-4.4

Final_Result

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

EUT Name:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	6G WIFI_CH5955+5G WIFI_CH5745+6G WIFI_CH7095
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

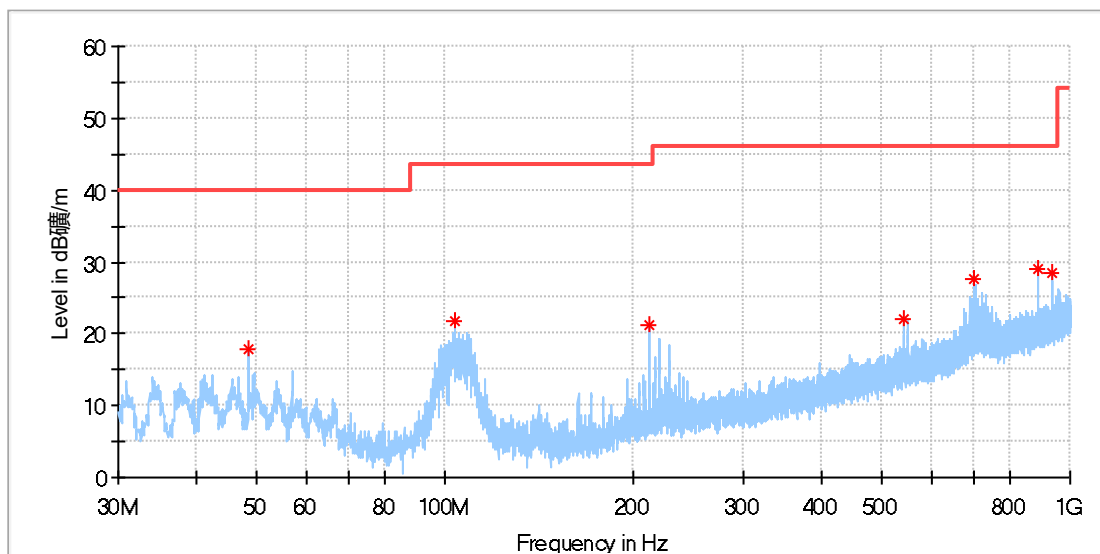
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
43.741667	23.88	40.00	16.12	100.0	V	356.0	-19.2
103.504444	17.70	43.50	25.80	100.0	V	194.0	-19.0
220.389444	13.69	46.00	32.31	100.0	V	0.0	-18.6
543.237778	23.60	46.00	22.40	100.0	V	135.0	-10.9
700.000556	28.64	46.00	17.36	100.0	V	225.0	-7.9
890.982778	29.35	46.00	16.65	100.0	V	209.0	-4.9
936.950000	30.24	46.00	15.76	100.0	V	14.0	-4.4

Final_Result

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

EUT Name:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	2.4G WIFI_CH2412+5G WIFI_CH5745+6G WIFI_CH7115
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

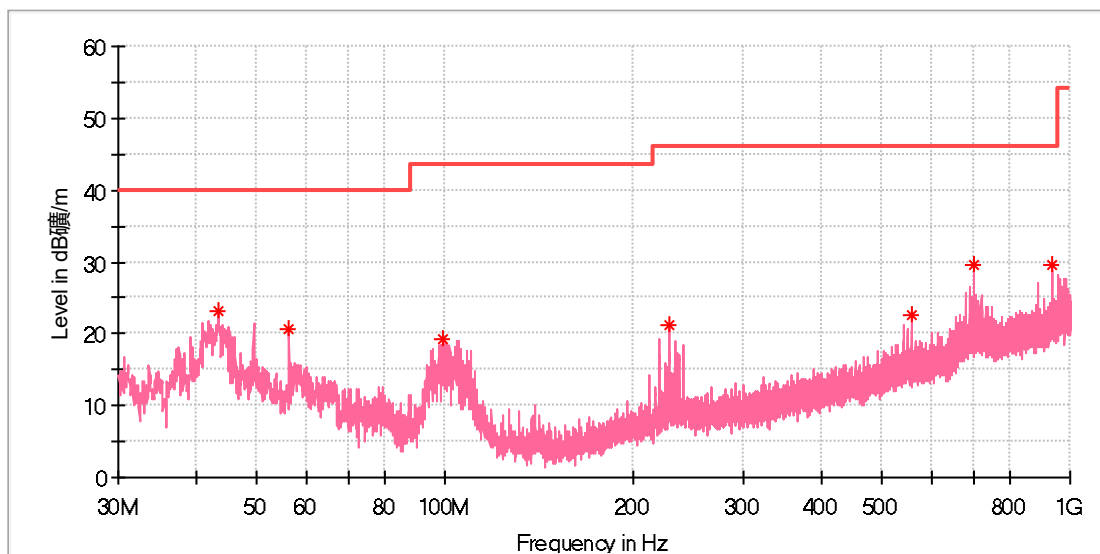
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
48.537778	17.96	40.00	22.04	100.0	H	107.0	-18.5
103.935556	21.68	43.50	21.82	100.0	H	107.0	-18.9
212.144444	21.14	43.50	22.36	100.0	H	238.0	-18.8
543.183889	21.95	46.00	24.05	100.0	H	238.0	-10.9
700.054444	27.52	46.00	18.48	100.0	H	130.0	-7.9
890.982778	29.08	46.00	16.92	100.0	H	357.0	-4.9
936.950000	28.41	46.00	17.59	100.0	H	81.0	-4.4

Final_Result

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

EUT Name:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	2.4G WIFI_CH2412+5G WIFI_CH5745+6G WIFI_CH7115
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C 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)
43.364444	23.27	40.00	16.73	100.0	V	104.0	-19.3
56.297778	20.71	40.00	19.29	100.0	V	0.0	-18.7
99.462778	19.20	43.50	24.30	100.0	V	178.0	-19.2
228.742222	21.08	46.00	24.92	100.0	V	223.0	-18.2
559.620000	22.59	46.00	23.41	100.0	V	357.0	-10.6
700.000556	29.65	46.00	16.35	100.0	V	270.0	-7.9
938.458889	29.66	46.00	16.34	100.0	V	186.0	-4.4

Final_Result

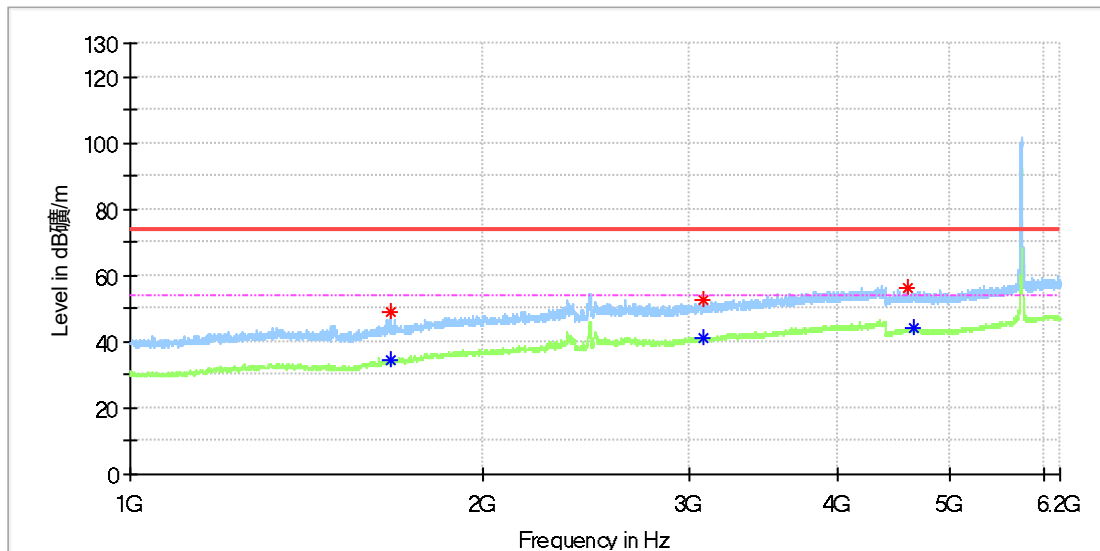
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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1GHz - 18GHz for co-location

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

EUT Information

EUT Name:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	2.4G WIFI_CH2412+5G WIFI_CH5745+2.4G WIFI_CH2462
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

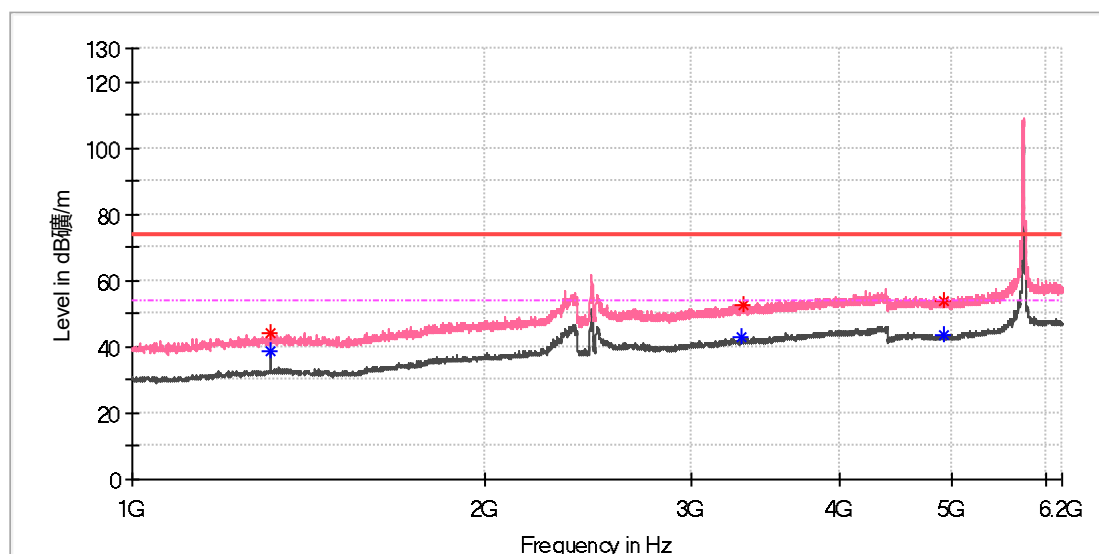
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	PoI	Azimuth (deg)	Corr. (dB/m)
1667.500000	49.14	---	74.00	24.86	150.0	H	208.0	5.3
1669.500000	---	34.58	54.00	19.42	150.0	H	350.0	5.3
3076.000000	52.60	---	74.00	21.40	150.0	H	312.0	11.5
3080.000000	---	41.32	54.00	12.68	150.0	H	339.0	11.5
4603.000000	56.04	---	74.00	17.96	150.0	H	115.0	13.5
4647.000000	---	43.86	54.00	10.14	150.0	H	217.0	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)
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EUT Information

EUT Name:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	2.4G WIFI_CH2412+5G WIFI_CH5745+2.4G WIFI_CH2462
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

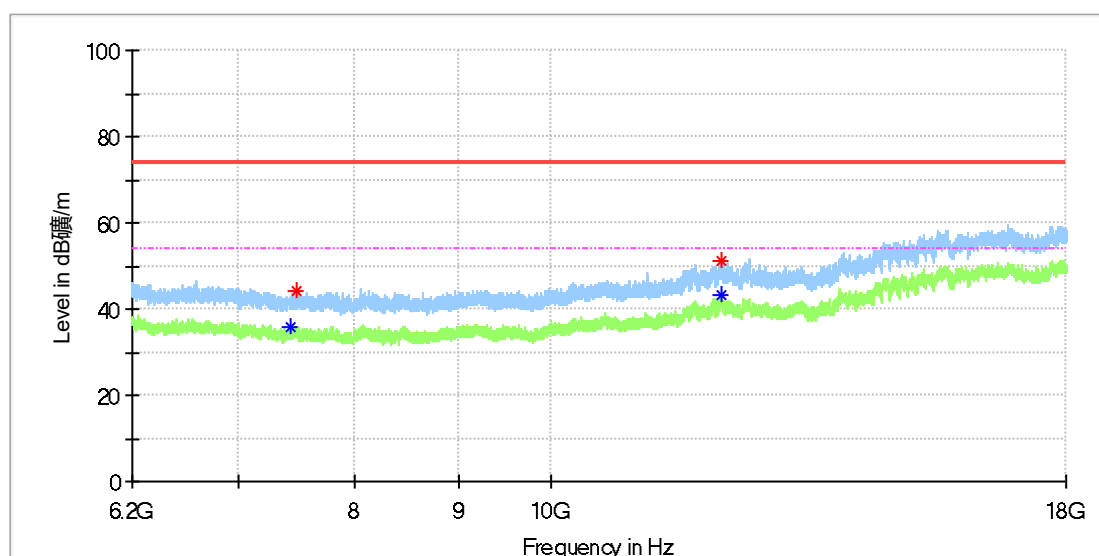
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1312.000000	44.03	---	74.00	29.97	150.0	V	266.0	3.6
1312.500000	---	38.58	54.00	15.42	150.0	V	266.0	3.6
3311.000000	---	42.90	54.00	11.10	150.0	V	147.0	12.0
3315.500000	52.79	---	74.00	21.21	150.0	V	43.0	12.0
4916.500000	---	43.65	54.00	10.35	150.0	V	218.0	13.3
4924.500000	53.90	---	74.00	20.10	150.0	V	78.0	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)
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EUT Information

EUT Name:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	2.4G WIFI_CH2412+5G WIFI_CH5745+2.4G WIFI_CH2462
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

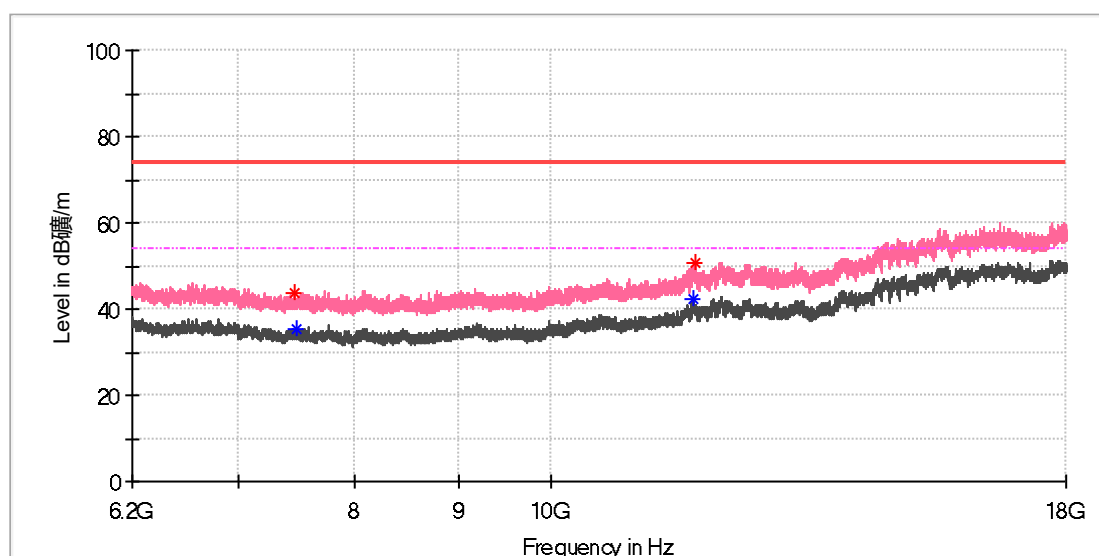
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7421.300000	---	35.96	54.00	18.04	150.0	H	0.0	8.4
7481.283333	44.32	---	74.00	29.68	150.0	H	0.0	8.7
12150.150000	---	43.41	54.00	10.59	150.0	H	148.0	16.7
12155.558333	51.08	---	74.00	22.92	150.0	H	258.0	16.4

Final Result

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

EUT Name:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	2.4G WIFI_CH2412+5G WIFI_CH5745+2.4G WIFI_CH2462
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

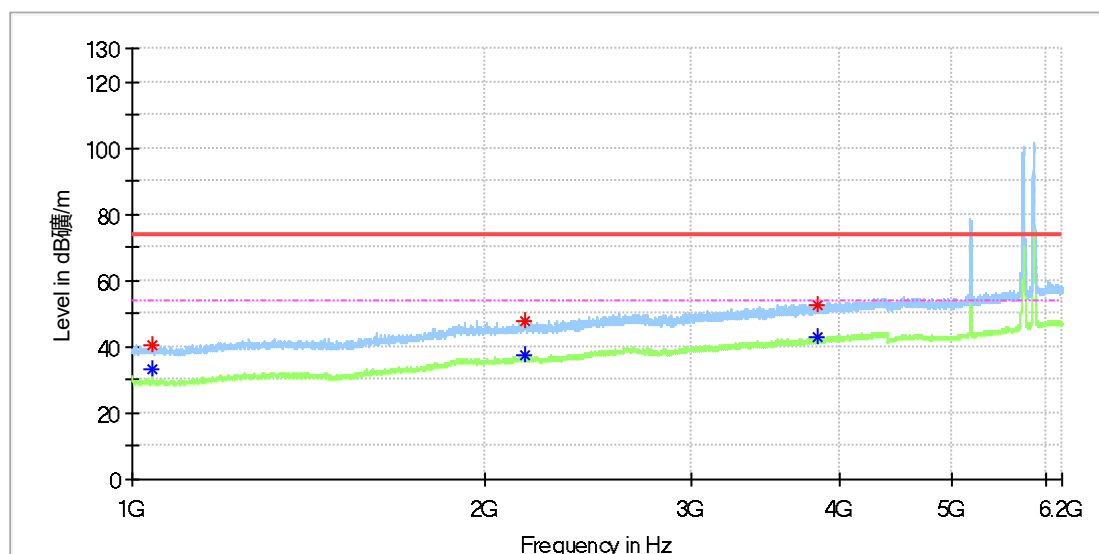
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7465.058333	43.94	---	74.00	30.06	150.0	V	20.0	8.6
7482.758333	---	35.27	54.00	18.73	150.0	V	131.0	8.7
11752.883333	---	42.40	54.00	11.60	150.0	V	98.0	15.5
11792.216667	50.67	---	74.00	23.33	150.0	V	304.0	14.9

Final Result

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

EUT Name:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	5G WIFI_CH5180+5G WIFI_CH5745+5G WIFI_CH5865
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

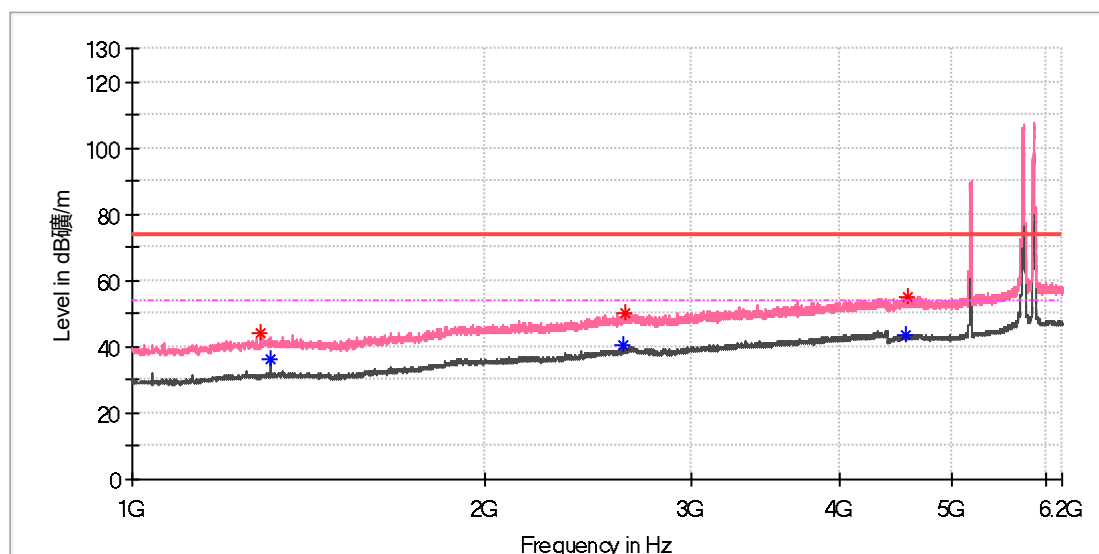
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1039.000000	---	33.03	54.00	20.97	150.0	H	334.0	0.5
1040.000000	40.34	---	74.00	33.66	150.0	H	261.0	0.5
2160.500000	---	37.20	54.00	16.80	150.0	H	180.0	7.7
2163.500000	47.48	---	74.00	26.52	150.0	H	359.0	7.7
3836.500000	52.78	---	74.00	21.22	150.0	H	194.0	12.5
3842.000000	---	43.21	54.00	10.79	150.0	H	222.0	12.5

Final Result

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

EUT Name:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	5G WIFI_CH5180+5G WIFI_CH5745+5G WIFI_CH5865
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

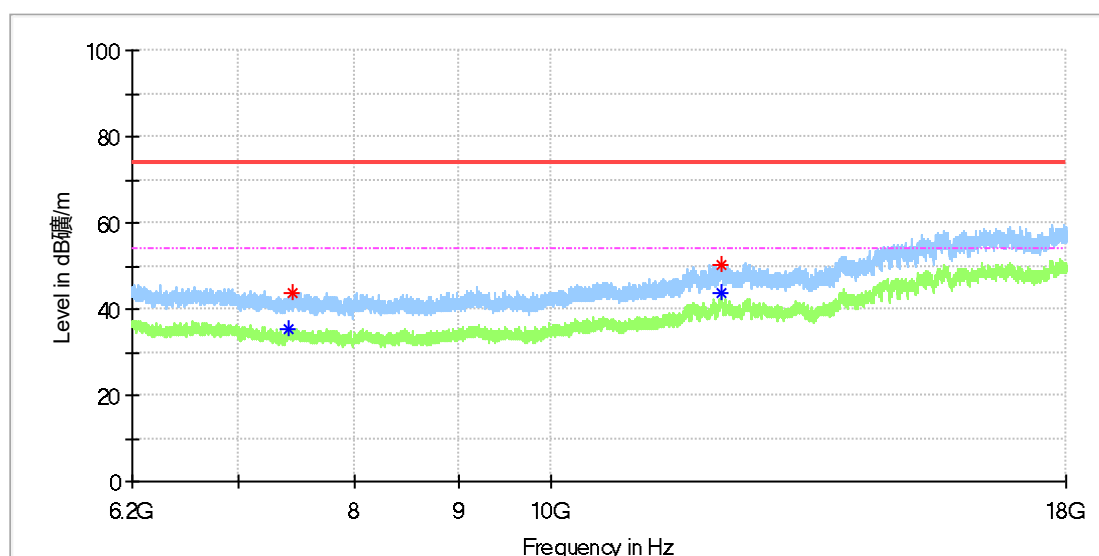
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1288.000000	44.31	---	74.00	29.69	150.0	V	274.0	2.7
1312.500000	---	36.15	54.00	17.85	150.0	V	268.0	2.8
2625.500000	---	40.40	54.00	13.60	150.0	V	193.0	9.9
2635.000000	50.25	---	74.00	23.75	150.0	V	345.0	10.0
4563.500000	---	43.66	54.00	10.34	150.0	V	25.0	13.5
4583.000000	55.16	---	74.00	18.84	150.0	V	99.0	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)
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EUT Information

EUT Name:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	5G WIFI_CH5180+5G WIFI_CH5745+5G WIFI_CH5865
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

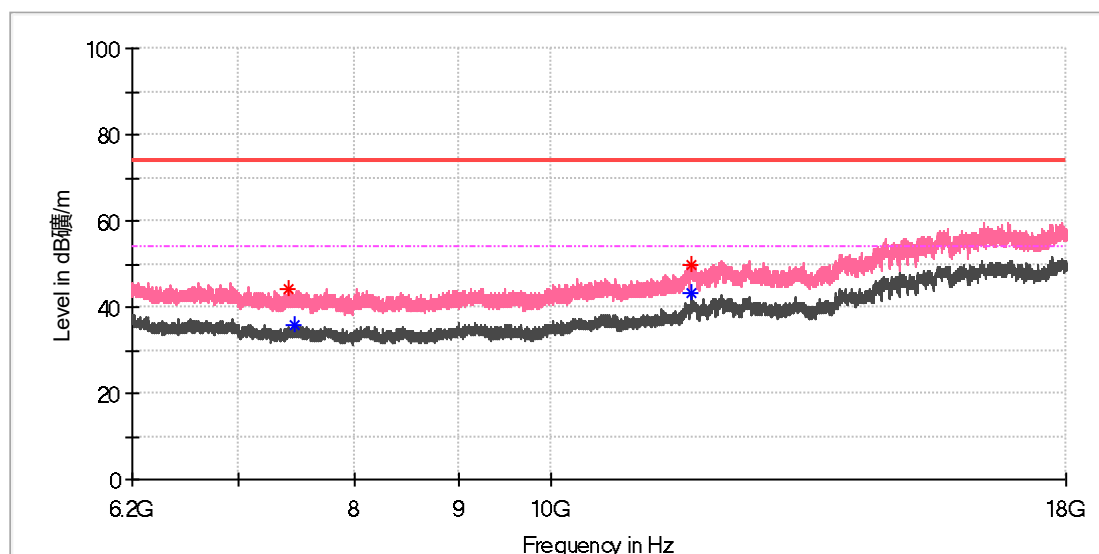
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7408.516667	---	35.51	54.00	18.50	150.0	H	61.0	8.3
7446.866667	43.68	---	74.00	30.32	150.0	H	72.0	8.5
12138.841667	50.17	---	74.00	23.83	150.0	H	147.0	16.4
12152.608333	---	43.51	54.00	10.49	150.0	H	122.0	16.6

Final Result

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

EUT Name:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	5G WIFI_CH5180+5G WIFI_CH5745+5G WIFI_CH5865
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

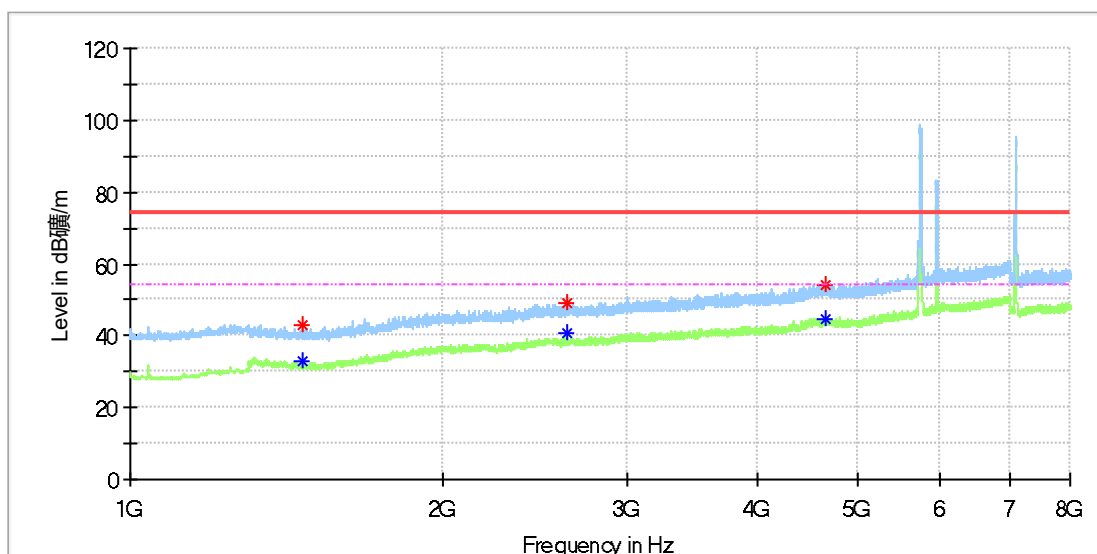
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7416.875000	44.29	---	74.00	29.71	150.0	V	286.0	8.3
7455.225000	---	35.58	54.00	18.42	150.0	V	106.0	8.5
11727.808333	49.80	---	74.00	24.20	150.0	V	359.0	14.1
11729.775000	---	43.08	54.00	10.92	150.0	V	359.0	14.2

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:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	6G WIFI_CH5955+5G WIFI_CH5745+6G WIFI_CH7095
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

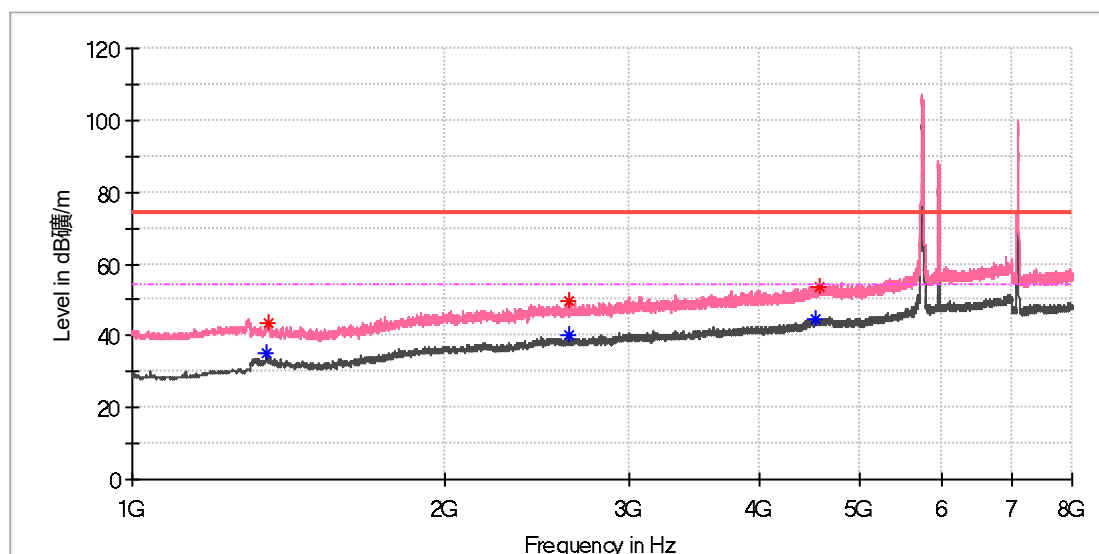
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1463.591667	42.83	---	74.00	31.17	150.0	H	59.0	2.9
1465.266667	---	33.02	54.00	20.98	150.0	H	255.0	2.9
2625.483333	49.17	---	74.00	24.83	150.0	H	67.0	9.0
2625.483333	---	40.89	54.00	13.11	150.0	H	67.0	9.0
4647.766667	54.39	---	74.00	19.61	150.0	H	18.0	13.5
4666.191667	---	44.70	54.00	9.30	150.0	H	263.0	13.5

Final Result

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

EUT Name:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	6G WIFI_CH5955+5G WIFI_CH5745+6G WIFI_CH7095
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

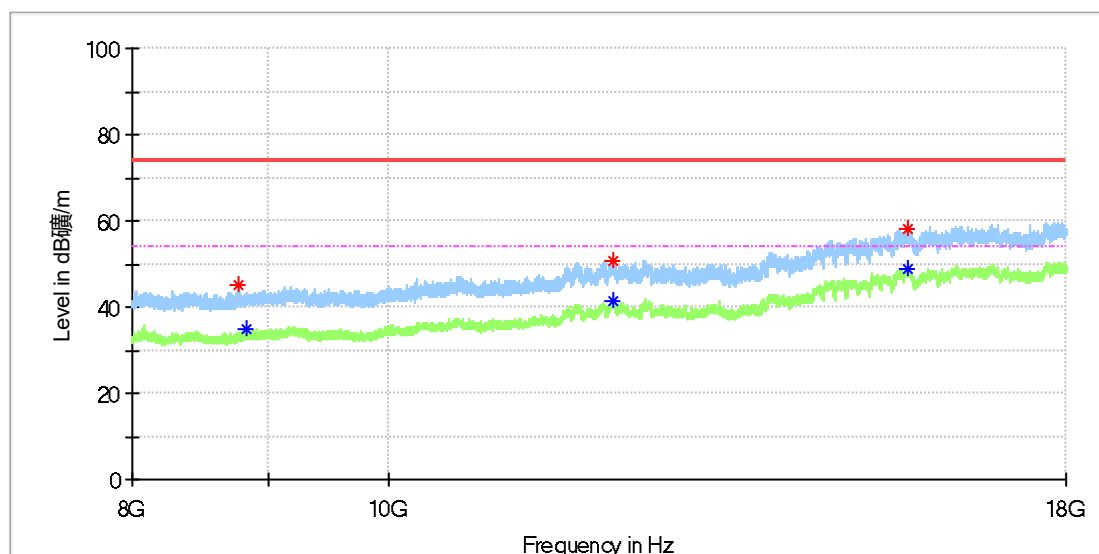
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1345.225000	---	35.12	54.00	18.88	150.0	V	279.0	3.6
1350.808333	43.33	---	74.00	30.67	150.0	V	79.0	3.6
2625.483333	49.53	---	74.00	24.47	150.0	V	33.0	9.0
2625.483333	---	40.29	54.00	13.71	150.0	V	33.0	9.0
4534.983333	---	44.90	54.00	9.10	150.0	V	25.0	13.3
4569.600000	53.69	---	74.00	20.31	150.0	V	3.0	13.5

Final Result

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

EUT Information

EUT Name:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	6G WIFI_CH5955+5G WIFI_CH5745+6G WIFI_CH7095
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

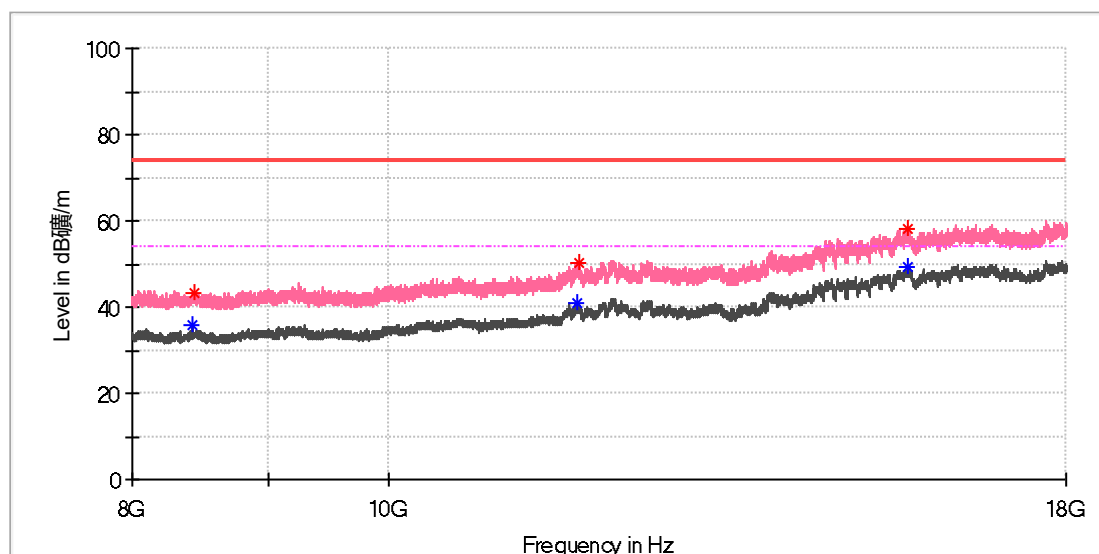
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8780.500000	44.93	---	74.00	29.07	150.0	H	355.0	9.9
8837.000000	---	34.94	54.00	19.06	150.0	H	73.0	9.9
12146.500000	---	41.61	54.00	12.39	150.0	H	44.0	16.6
12152.000000	50.80	---	74.00	23.20	150.0	H	85.0	16.6
15698.000000	58.24	---	74.00	15.76	150.0	H	64.0	20.5
15698.500000	---	48.82	54.00	5.18	150.0	H	64.0	20.5

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:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	6G WIFI_CH5955+5G WIFI_CH5745+6G WIFI_CH7095
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

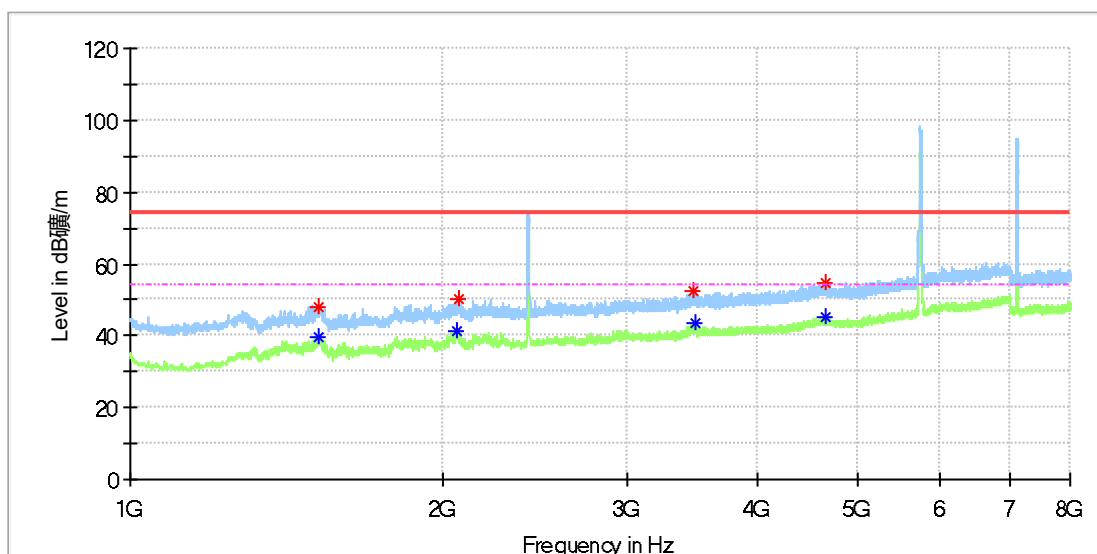
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8433.000000	---	35.60	54.00	18.40	150.0	V	99.0	9.2
8448.000000	43.40	---	74.00	30.60	150.0	V	0.0	9.2
11766.500000	---	40.86	54.00	13.14	150.0	V	322.0	15.3
11795.500000	50.37	---	74.00	23.63	150.0	V	297.0	14.9
15685.500000	58.19	---	74.00	15.81	150.0	V	42.0	20.5
15697.500000	---	49.07	54.00	4.93	150.0	V	143.0	20.5

Final Result

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

EUT Name:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	2.4G WIFI_CH2412+5G WIFI_CH5745+6G WIFI_CH7115
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

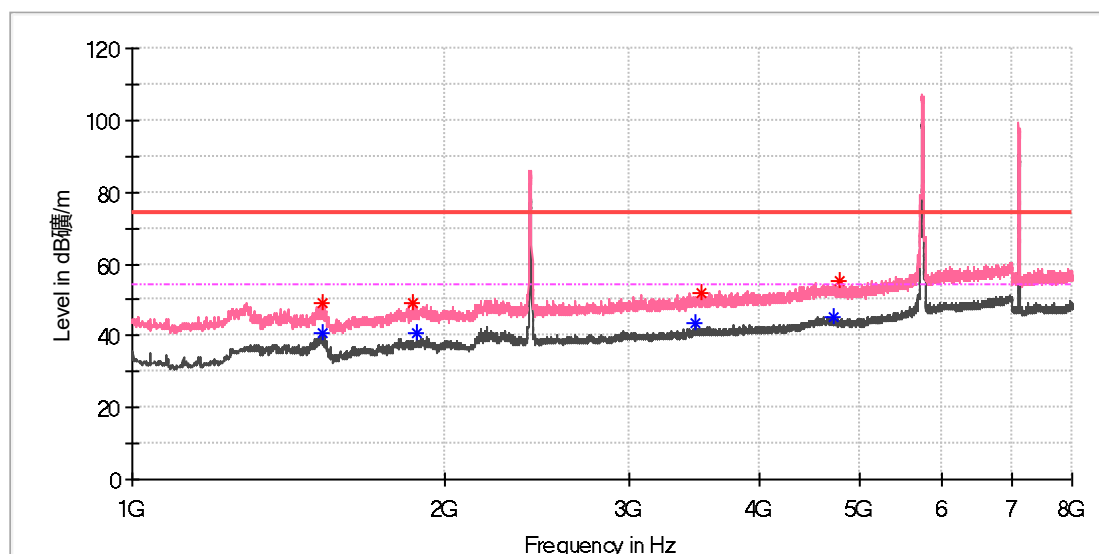
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1517.191667	---	39.68	54.00	14.32	150.0	H	228.0	2.8
1519.425000	48.06	---	74.00	25.94	150.0	H	238.0	2.8
2058.216667	---	41.12	54.00	12.88	150.0	H	238.0	7.4
2067.150000	49.97	---	74.00	24.03	150.0	H	238.0	7.4
3474.150000	52.25	---	74.00	21.75	150.0	H	238.0	10.4
3490.900000	---	43.53	54.00	10.47	150.0	H	246.0	10.5
4661.725000	---	45.20	54.00	8.80	150.0	H	163.0	13.5
4666.750000	54.93	---	74.00	19.07	150.0	H	220.0	13.5

Final Result

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

EUT Name:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	2.4G WIFI_CH2412+5G WIFI_CH5745+6G WIFI_CH7115
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

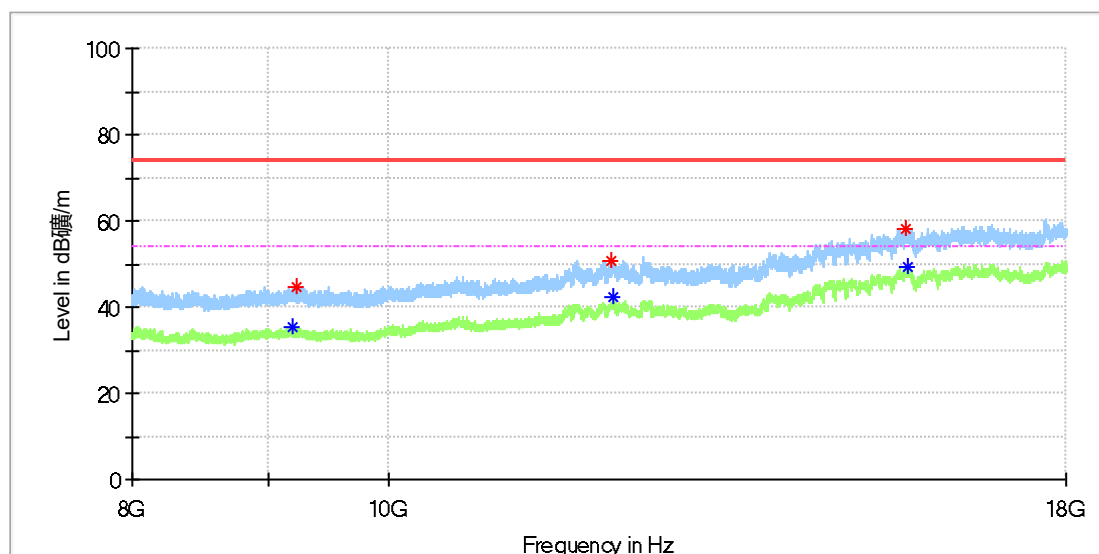
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1520.541667	---	40.82	54.00	13.18	150.0	V	277.0	2.8
1526.125000	49.07	---	74.00	24.93	150.0	V	277.0	2.9
1861.683333	49.36	---	74.00	24.64	150.0	V	215.0	6.6
1878.433333	---	40.74	54.00	13.26	150.0	V	223.0	6.8
3474.708333	---	43.67	54.00	10.33	150.0	V	332.0	10.4
3523.841667	52.12	---	74.00	21.88	150.0	V	323.0	10.6
4713.650000	---	45.13	54.00	8.87	150.0	V	188.0	13.4
4772.833333	55.35	---	74.00	18.66	150.0	V	88.0	13.3

Final Result

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

EUT Name:	Access Point
Model:	BlitzFunk AW32R
Test Mode:	2.4G WIFI_CH2412+5G WIFI_CH5745+6G WIFI_CH7115
Order No/Sample No:	27227126/A004250609-003
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23.2°C Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

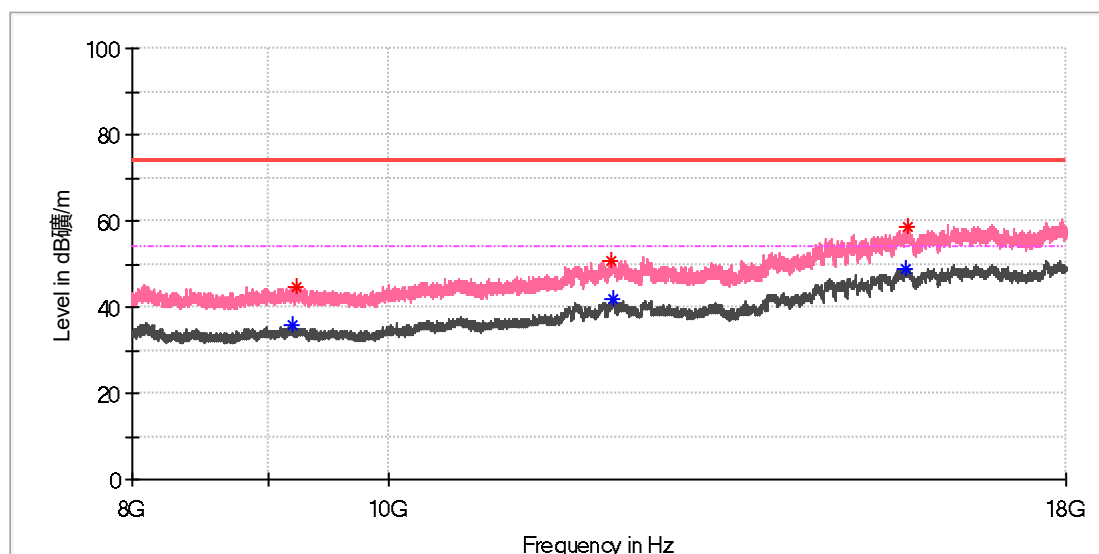


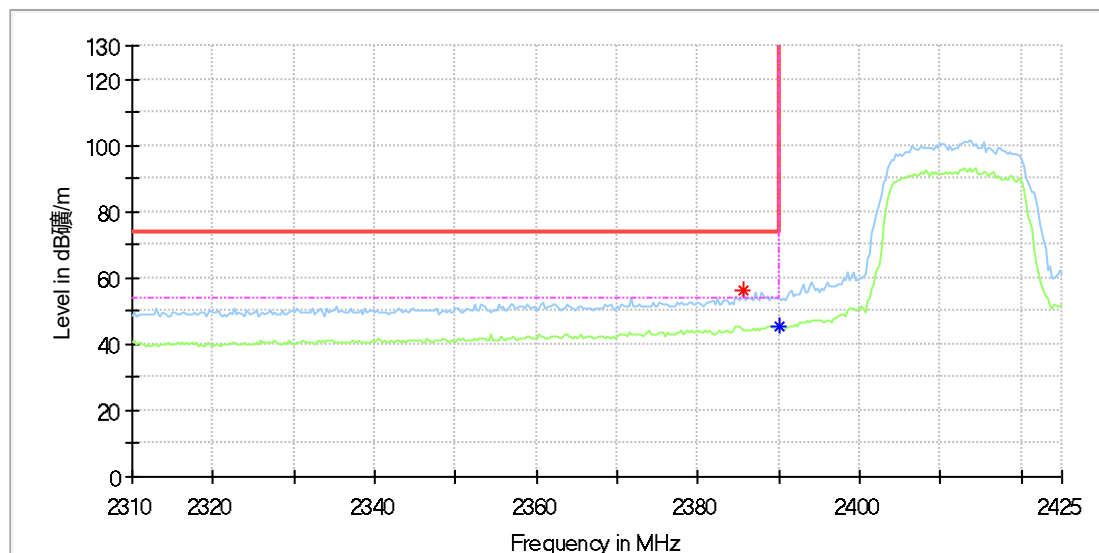
Critical_Freqs

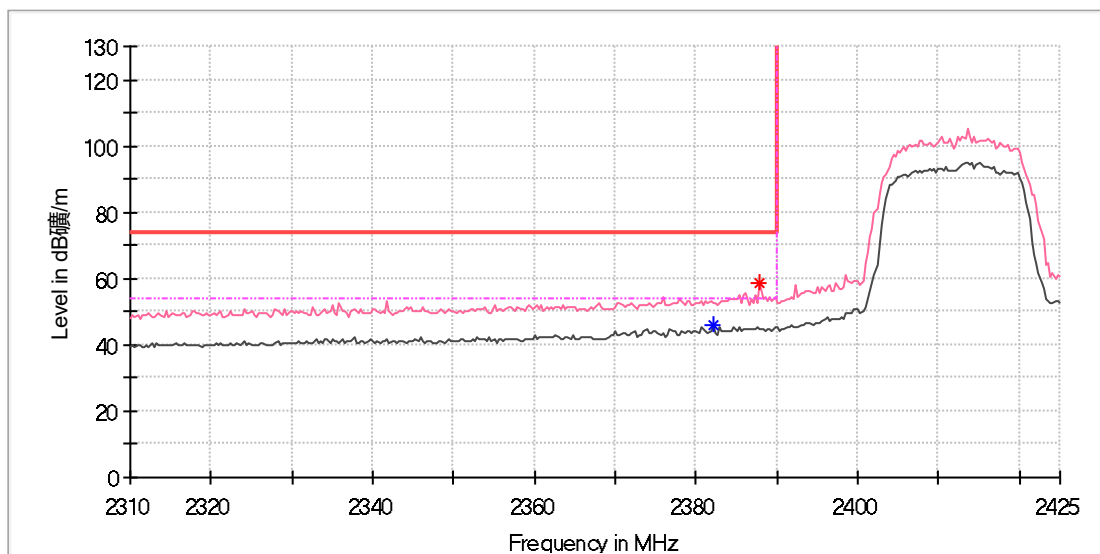
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
9192.500000	---	35.19	54.00	18.81	150.0	H	149.0	10.6
9227.000000	44.73	---	74.00	29.27	150.0	H	25.0	10.7
12125.000000	50.87	---	74.00	23.13	150.0	H	25.0	16.1
12152.000000	---	42.13	54.00	11.87	150.0	H	25.0	16.6
15649.500000	58.21	---	74.00	15.79	150.0	H	46.0	20.3
15678.500000	---	49.07	54.00	4.93	150.0	H	69.0	20.5

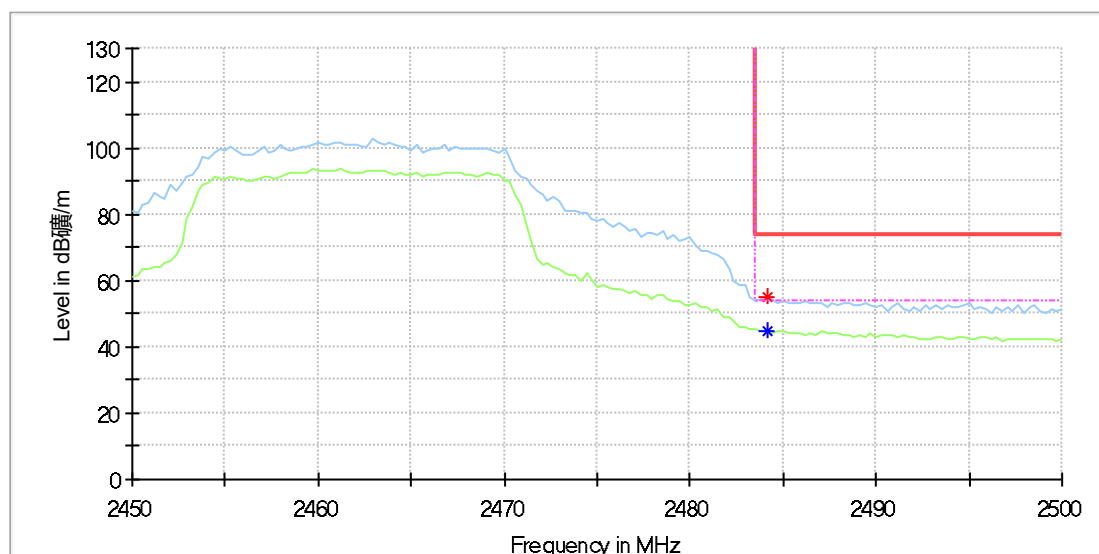
Final Result

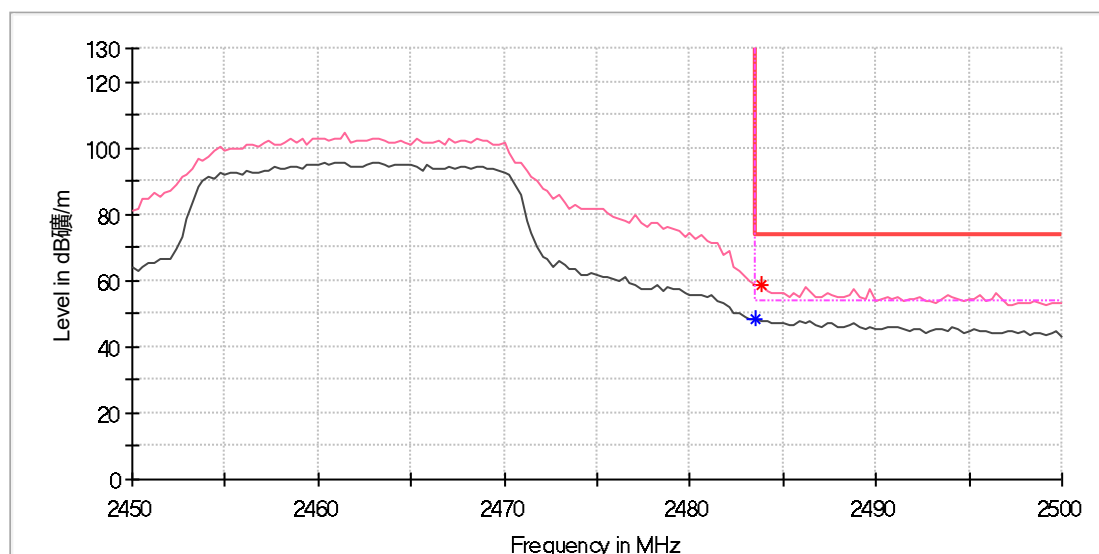
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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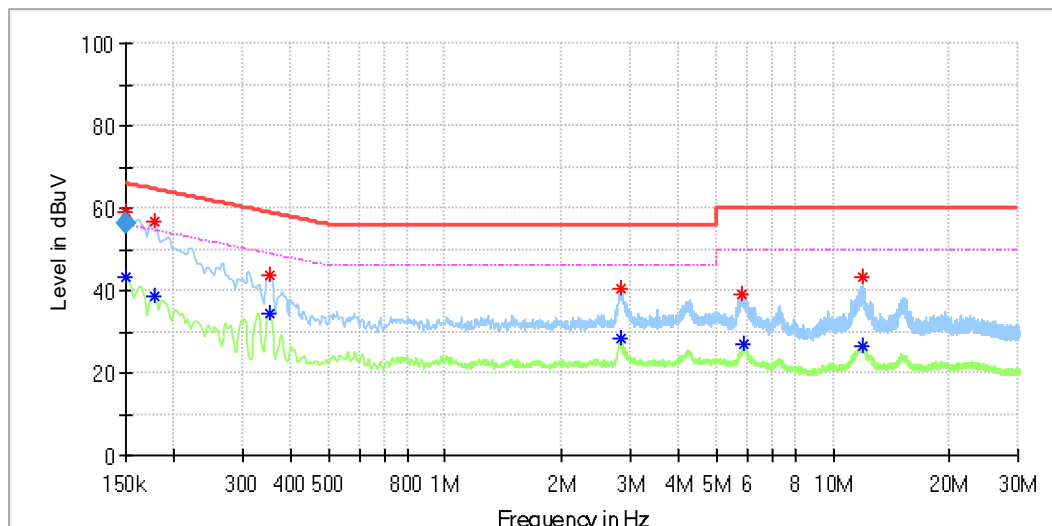




Appendix A.8: Test Results of Conducted Emission on AC Mains

EUT Information

EUT Name:	Access Point
Order Number:	27227126 10-(P02301552)
Model:	BlitzFunk BlitzFunk AW32R
Test Mode:	On, normal operation by 2.4 GHz Wi-Fi + 5 GHz Wi-Fi + 6 GHz Wi-Fi traffic with Ethernet port data transmission
Test Voltage:	AC 120V 60Hz
Standard:	FCC PART 15 B
Test By./Review By:	Charron Chen / Charlie Zha
Tem./Hum./Pressure:	24.0°C/51.1%/101kPa
Remark:	SR 3



Critical Freqs

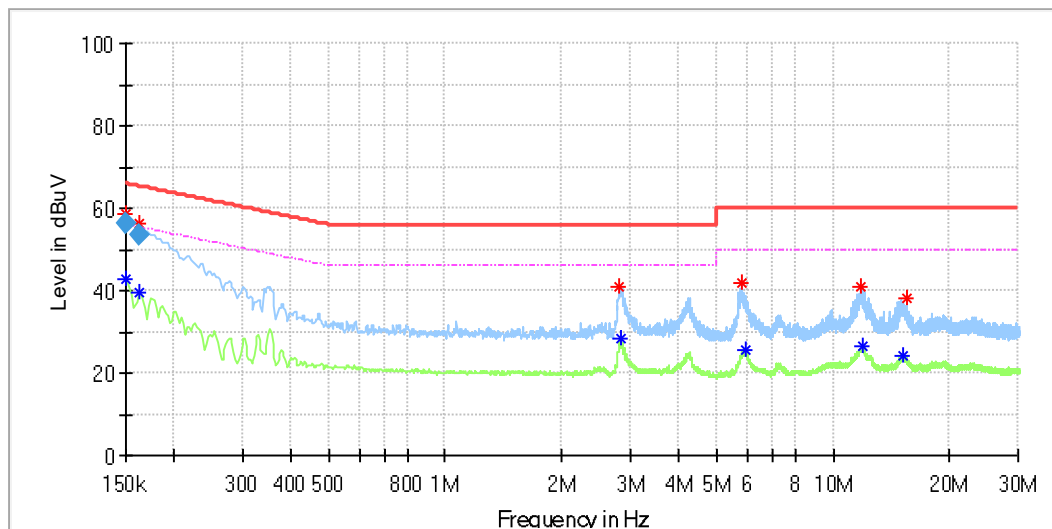
Frequency (MHz)	MaxPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)
0.150	59.0	---	66.00	6.98	L1	9.5
0.150	---	43.1	56.00	12.88	L1	9.5
0.177	---	38.6	54.61	16.01	L1	9.7
0.177	56.7	---	64.61	7.89	L1	9.7
0.351	---	34.4	48.93	14.48	L1	9.6
0.354	43.6	---	58.87	15.23	L1	9.6
2.822	---	28.3	46.00	17.67	L1	9.6
2.851	40.5	---	56.00	15.51	L1	9.6
5.819	39.1	---	60.00	20.89	L1	9.8
5.879	---	26.7	50.00	23.25	L1	9.8
11.886	43.0	---	60.00	16.97	L1	9.8
11.968	---	26.4	50.00	23.57	L1	9.8

Final Result

Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.150	56.1	---	66.00	9.93	1000.0	9.0	L1	9.5

EUT Information

EUT Name:	Access Point
Order Number:	27227126 10-(P02301552)
Model:	BlitzFunk BlitzFunk AW32R
Test Mode:	On, normal operation by 2.4 GHz Wi-Fi + 5 GHz Wi-Fi + 6 GHz Wi-Fi traffic with Ethernet port data transmission
Test Voltage:	AC 120V 60Hz
Standard:	FCC PART 15 B
Test By./Review By:	Charron Chen / Charlie Zha
Tem./Hum./Pressure:	24.0°C/51.1%/101kPa
Remark:	SR 3



Critical Freqs

Frequency (MHz)	MaxPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr. (dB)
0.150	58.7	---	66.00	7.35	N	9.7
0.150	---	42.8	56.00	13.22	N	9.7
0.162	---	39.5	55.34	15.81	N	9.8
0.162	56.4	---	65.34	8.97	N	9.8
2.807	41.0	---	56.00	14.97	N	9.8
2.827	---	28.5	46.00	17.48	N	9.8
5.824	41.7	---	60.00	18.32	N	9.8
5.919	---	25.5	50.00	24.53	N	9.8
11.821	40.9	---	60.00	19.15	N	9.6
11.864	---	26.3	50.00	23.70	N	9.6
15.070	---	24.4	50.00	25.62	N	9.6
15.438	38.0	---	60.00	22.04	N	9.6

Final Result

Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.150	56.2	---	66.00	9.77	1000.0	9.0	N	9.7
0.162	53.3	---	65.34	12.01	1000.0	9.0	N	9.8