

 Report No.:
 182512C400374104
 FCC ID: 2ABC5-E0068
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FCC Test Report

Applicant

SHENZHEN ELECTRON TECHNOLOGY CO.,LTD.

Address

Bld.2, Yingfeng Industrial Zone, TantouCommunity, Songgang Street, Bao'an, Shenzhen, China.

Product Name : Android Tablet

Report Date : Aug. 01, 2024



Shenzhen Anbotek

Shenzhen Anbotek Compliance Laboratory Limited

Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





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TEST REPORT

Applicant

SHENZHEN ELECTRON TECHNOLOGY CO., LTD. SHENZHEN ELECTRON TECHNOLOGY CO., LTD.

Product Name : Android Tablet

Model No.

Manufacturer

WF8386T, WF1026T, WF1036T, WF1066T, WF1416T, WF1526T, WF1566T, WF1736T, WF1856T, WF2136T, WF2156T, WF2406T, WF2706T, WF3206T, WF4306T, WF5506T

Trade Mark

Rating(s)

Input: 12V-1.5A

47 CFR Part 15E

ANSI C63.10-2020

N/A

POE Input: 48V-0.5A (Optional)

Test Standard(s)

KDB 789033 D02 General UNII Test Procedures New Rules v02r01 The device described above is tested by Shenzhen Anbotek Compliance Laboratory Limited to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement results are contained in this test report and Shenzhen Anbotek Compliance Laboratory Limited is assumed full of responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT (Equipment Under Test) is technically compliant with above listed standard(s) requirements. This report applies to above tested sample only and shall not be reproduced in part without written approval of Shenzhen Anbotek Compliance Laboratory Limited.

Date of Receipt:

Date of Test:

Prepared By:

Jul. 05, 2024

Jul. 08, 2024 to Jul. 22, 2024

Ella sian

(Ella Liang)

Idward pan

(Edward Pan)

Approved & Authorized Signer:

Shenzhen Anbotek Compliance Laboratory Limited

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Revision History

Report Version	Description	Issued Date		
Anbotet R00 nbotek	Original Issue.	Aug. 01, 2024		
Anbor Anborek Anborek	Anbotan Anti Anbotek Anbotek	Anbol Antorek Anbotek Anbo		
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1. General Information

1.1. Client Information

Applicant	: SHENZHEN ELECTRON TECHNOLOGY CO.,LTD.
Address	Bld.2, Yingfeng Industrial Zone, Tantou Community, Songgang Street, Bao'an, Shenzhen, China.
Manufacturer	: SHENZHEN ELECTRON TECHNOLOGY CO.,LTD.
Address	Bld.2, Yingfeng Industrial Zone, Tantou Community, Songgang Street, Bao'an, Shenzhen, China.
Factory	: SHENZHEN ELECTRON TECHNOLOGY CO.,LTD.
Address	Bld.2, Yingfeng Industrial Zone, Tantou Community, Songgang Street, Bao'an, Shenzhen, China.

1.2. Description of Device (EUT)

NO. VIN		
Product Name	:	Android Tablet
Model No.	:	WF8386T, WF1026T, WF1036T, WF1066T, WF1416T, WF1526T, WF1566T, WF1736T, WF1856T, WF2136T, WF2156T, WF2406T, WF2706T, WF3206T, WF4306T, WF5506T (Note: All samples are the same except the model number and sales customers, so we prepare "WF8386T" for test only.)
Trade Mark	:	N/A Ando stek Andorek Andorek Andorek Andorek Andorek
Test Power Supply	:	DC 12V from adapter input AC 120V/60Hz
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/A ^{ore} Antonek Anborek Anborek Anborek Anborek Anborek
RF Specification		
Operation Frequency	:	802.11a/n(HT20)/ac(VHT20)/ax(HEW20): U-NII Band 1: 5180MHz to 5240MHz; U-NII Band 3: 5745MHz to 5825MHz 802.11n(HT40)/ac(VHT40)/ax(HEW40): U-NII Band 1: 5190MHz to 5230MHz; U-NII Band 3: 5755MHz to 5795MHz
Number of Channel	:	802.11a/n(HT20)/ac(VHT20)/ax(HEW20): U-NII Band 1: 4; U-NII Band 3: 5 802.11n(HT40)/ac(VHT40)/ax(HEW40): U-NII Band 1: 2; U-NII Band 3: 2
Modulation Type	:	802.11a: OFDM(BPSK, QPSK, 16QAM, 64QAM); 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM); 802.11ax: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM)
Device Type		Client Devices

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Antenna Type	:	FPC Antenna	Anboten Anbo
Antenna Gain(Peak)	:	WiFi 5.2G: 2.45dBi; WiFi 5.8G: 2.75dBi	stek Anbotek Anbotek
		tion are provided by customer. eatures description, please refer to the manufa	cturer's specifications or the

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1.3. Auxiliary Equipment Used During Test

Title	Manufacturer	Model No.	Serial No.
And abotek / Anboten	And hotek Anbotek	Anbor An nborek	Anboten And hote

1.4. Operation channel list

Operation Band: U-NII Band 1

	NO NO		de de
Bandwidth:	20MHz	Bandwidth:	40MHz
Channel	Frequency (MHz)	Channel	Frequency (MHz)
Anto sotek 36 Anbotek	5180	Anboren 38 Anbo	Anbore 5190 Anbor
And Anderek	5200 5200	Anbote 46 Anbo	5230
And 44 Anbote	5220	ek Anbote, And	lek Anbolek Anbo.
48 tek And	5240	potek Antpotes Anto	hotek Arbotek Anto

Operation Band: U-NII Band 3

- 100 mm - 1		20 As	
Bandwidth:	20MHz	Bandwidth:	40MHz
Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	Anto 151	5755
153	5765	159 × 159	5795 Mill
157 otek	5785	Anbotek Anbo. A.	nbotek Anbote A
And the 161 mover	Anhore 5805	Anbotek / Anbo	Anborek / Anbore
Anbornet 165 Mootek	5825	Anbotek Anbo	Anbotek Anbots
AD V			V. LOV

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1.5. Description of Test Modes

Pretest Modes	Descriptions
k Anbotek TM1 Anbotek An	Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11a modulation type. All data rates has been tested and found the data rate @ 6Mbps is the worst case. Only the data of worst case is recorded in the report.
otek Anbore Antotek Inborek An TM2 Anborek Anbor	Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11n modulation type. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.
Anborek TM3 botek An	Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11ac modulation type. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.
nbotek Anbotek Anbotek	Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11ax modulation type. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.

Note: 80211ax mode only support full resource unit size.

1.6. Measurement Uncertainty

Uncertainty
3.4dB
925Hz
0.76dB
0.76dB
1.24dB
1G-6GHz: 4.78dB; 6G-18GHz: 4.88dB 18G-40GHz: 5.68dB
3.53dB
Horizontal: 3.92dB; Vertical: 4.52dB

The measurement uncertainty and decision risk evaluated according to AB/WI-RF-F-032. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

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1.7. Test Summary

Test Items	Test Modes	Status
Conducted Emission at AC power line	Mode1,2,3,4	AntP
Emission bandwidth and occupied bandwidth	Mode1,2,3,4	P
Duty Cycle	Mode1,2,3,4	PAN
Maximum conducted output power	Mode1,2,3,4	P.
Power spectral density	Mode1,2,3,4	Pek
Band edge emissions (Conducted)	Mode1,2,3,4	Anb P stek
Band edge emissions (Radiated)	Mode1,2,3,4	P
Undesirable emission limits (below 1GHz)	Mode1,2,3,4	PAND
Undesirable emission limits (above 1GHz)	Mode1,2,3,4	PAN
Note: P: Pass N: N/A, not applicable	nbotek Anbotek A	Anbotek

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1.8. Description of Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

FCC-Registration No.:434132

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration No. 434132.

ISED-Registration No.: 8058A

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (ISED) Innovation, Science and Economic Development Canada. The acceptance letter from the ISED is maintained in our files. Registration 8058A.

Test Location

Shenzhen Anbotek Compliance Laboratory Limited. 1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

1.9. Disclaimer

- 1. The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
- 2. The test report is invalid if there is any evidence and/or falsification.
- 3. The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.
- 4. This document may not be altered or revised in any way unless done so by Anbotek and all revisions are duly noted in the revisions section.
 - 5. Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.
 - 6. The authenticity of the information provided by the customer is the responsibility of the customer and the laboratory is not responsible for its authenticity.

The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.

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1.10. Test Equipment List

200	r r	Loke Ans		4	No. V	
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	2024-01-18	2025-01-17
otek 2	Three Phase V- type Artificial Power Network	CYBERTEK	EM5040DT	E215040D T001	2024-01-17	2025-01-16
3 of	Software Name EZ-EMC	Farad Technology	ANB-03A	N/A	Avootek	Anbor
4	EMI Test Receiver	Rohde & Schwarz	ESPI3	100926	2023-10-12	2024-10-11
100	Not you	P.C.	dot not	he.	K	L DUR

Emissi Duty C	ycle	occupied bandwidth	Anb
	um conducted out spectral density	put power	-
Item	Equipment	Manufacturer	xak N

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
Ant 1	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ- KHWS80B	potekN/A Anbo	2023-10-16	2024-10-15
2	DC Power Supply	IVYTECH	IV3605	1804D360 510	2023-10-20	2024-10-19
3	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102150	2024-05-06	2025-05-05
Anbo 4	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY505318 23	2024-02-22	2025-02-21
5	Oscilloscope	Tektronix	MDO3012	C020298	2023-10-12	2024-10-11
6	MXG RF Vector Signal Generator	Agilent	N5182A	MY474206 47	2024-02-04	2025-02-03

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	edge emissions (Ra sirable emission limi		Anborto	Anbotek	Anbotek	Anbo
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22
2	EMI Preamplifier	SKET Electronic	LNPA- 0118G-45	SKET-PA- 002	2024-01-17	2025-01-16
1 ⁶ 8	3 Double Ridged Horn Antenna SCHWARZE		BBHA 9120D 02555		2022-10-16	2025-10-15
nboten 4	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	And	Anbotek
Anber 5	Horn Antenna	A-INFO	LB-180400- KF	J21106062 8	2023-10-12	2024-10-11
6	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102150	2024-05-06	2025-05-05
^{ه/۲}	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2024-05-07	2025-05-06

Undesirable emission limits (below 1GHz)

Unde							
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date	
1	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22	
2	Pre-amplifier	SONOMA	100 310N M	186860	2024-01-17	2025-01-16	
3	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	2022-10-23	2025-10-22	
Antote	Loop Antenna (9K- 30M)	Schwarzbeck	FMZB1519 B	00053	2023-10-12	2024-10-11	
5.nb	EMI Test Software EZ-EMC	SHURPLE	N/A N/A	N/A noot	Anbo	k Anbotek	

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2. Conducted Emission at AC power line

Test Requirement:	47 CFR Part 15.207(a)		
An tek abotek	Frequency of emission (MHz)	Conducted limit (dBµV)	aboten Anov
Anboir Air	et inboten Ando	Quasi-peak	Average
K- potek Anbo	0.15-0.5	66 to 56*	56 to 46*
Test Limit:	0.5-5 M	56	46
otek Anboit An	5-30 And And	60 hotek Anbor	50
otek unbotek	*Decreases with the logarithm of th	ne frequency.	Anbo
Test Method:	ANSI C63.10-2020 section 6.2	And	stek Anbort

2.1. EUT Operation

Operating Environment:

1: 802.11a mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11a modulation type. All data rates has been tested and found the data rate @ 6Mbps is the worst case. Only the data of worst case is recorded in the report.

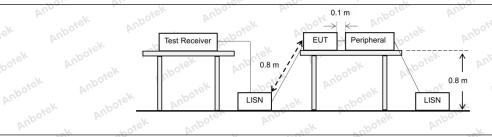
2: 802.11n mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11n modulation type. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.

Test mode:

3: 802.11ac mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11ac modulation type. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.

4: 802.11ax mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11ax modulation type. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.

2.2. Test Setup



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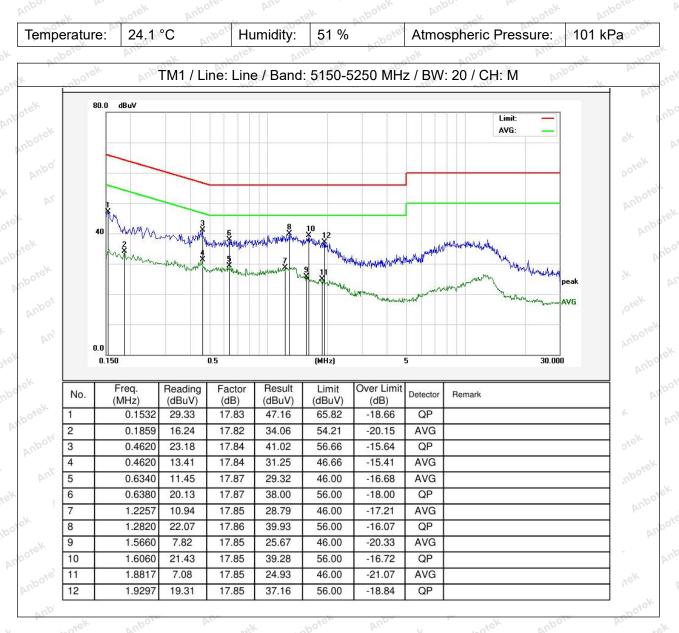
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





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2.3. Test Data

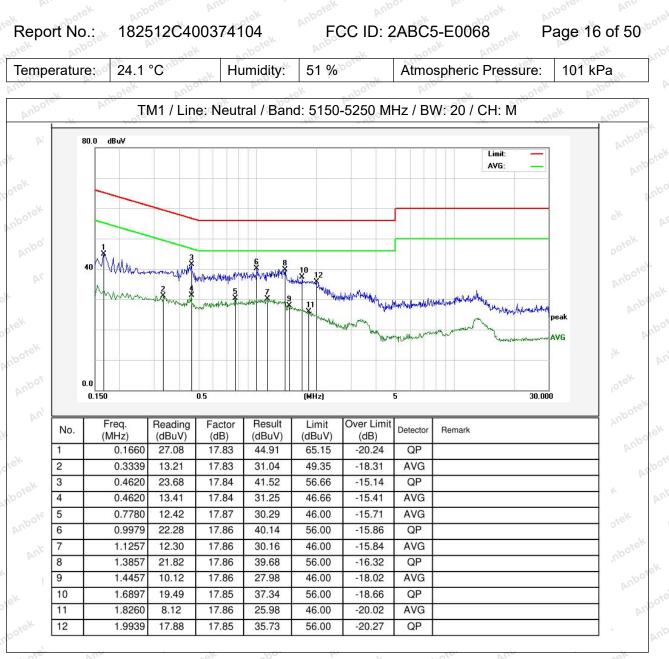


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Note: Only record the worst data (802.11a) in the report.

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Anbotek Product Safety

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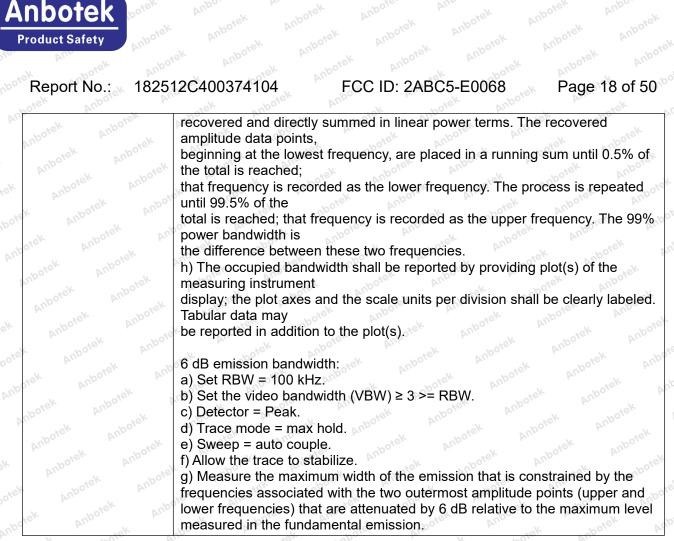
3. Emission bandwidth and occupied bandwidth

Anbotek Anbotek	U-NII 1, U-NII 2A, U-NII 2C: No limits, only for report use.
Test Requirement:	Anbor Arek unbore Ant ok borek Anbor
Anbore And	U-NII 3, U-NII 4: 47 CFR Part 15.407(e)
k Anbotek Anbo	U-NII 1, U-NII 2A, U-NII 2C: No limits, only for report use.
Test Limit:	
oter Anbo h	U-NII 3, U-NII 4: Within the 5.725-5.850 GHz and 5.850-5.895 GHz bands,
tek nboten	the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.
Test Method:	ANSI C63.10-2020, section 6.9 & 12.5 KDB 789033 D02, Clause C.2
	Emission bandwidth:
And	a) Set RBW = approximately 1% of the emission bandwidth.
. Anboren Ano	b) Set the VBW > RBW.
	c) Detector = peak.
	d) Trace mode = max hold.
	e) Measure the maximum width of the emission that is 26 dB down from the
	peak of the emission.
	Compare this with the RBW setting of the instrument. Readjust RBW and
	repeat measurement
	as needed until the RBW/EBW ratio is approximately 1%.
	All het het Anber Anber Ander Ander Ander
	Occupied bandwidth:
ek nboter An	a) The instrument center frequency is set to the nominal EUT channel center
	frequency. The
	frequency span for the spectrum analyzer shall be between 1.5 times and
	5.0 times the OBW.
	b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to
	5% of the OBW,
Anu sk hote	and VBW shall be approximately three times the RBW, unless otherwise
Procedure:	specified by the
	applicable requirement.
	c) Set the reference level of the instrument as required, keeping the signal
tek aboten	from exceeding the
	maximum input mixer level for linear operation. In general, the peak of the
	spectral envelope
	shall be more than [10 log (OBW/RBW)] below the reference level. Specific
	guidance is given
	in 4.1.5.2.
	d) Step a) through step c) might require iteration to adjust within the
	specified range.
	e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode
	single sweep mode
	shall be used. Otherwise, peak detection and max hold mode (until the trace
	stabilizes) shall be used.
Anu hotek	f) Use the 99% power bandwidth function of the instrument (if available) and
	report the measured bandwidth.
	g) If the instrument does not have a 99% power bandwidth function, then the
	trace data points are
A ^{Ng} ion y	

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3.1. EUT Operation

Operating Env	Abo, b, k hote, bit, bit, bet app, b,
	1: 802.11a mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11a modulation type. All data rates has been tested and found the data rate @ 6Mbps is the worst case. Only the data of worst case is
K abore	recorded in the report.
	2: 802.11n mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11n modulation type. All bandwidth and data rates has
potek Anb	been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.
Test mode:	3: 802.11ac mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11ac modulation type. All bandwidth and
	data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.
	4: 802.11ax mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11ax modulation type. All bandwidth and
	data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.
	the data of worst case is recorded in the report.

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3.2. Test Setup

Anbotek		EUT	Spec	trum Analyzer	P		Anbotek
K Anbotek	Anbotc	A'''	Anboten	And	Anborek	Anboten	Anbo

3.3. Test Data

Temperature:	24.3 °C	Humidity:	49 %	Atmospheric Pressure:	101 kPa
AV .	No. No.	2. 127.	201		~O`

Please Refer to Appendix for Details.

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4. Duty Cycle

Test Requirement:	All measurements are to be performed with the EUT transmitting at 100% duty cycle at its maximum power control level; however, if 100% duty cycle cannot be achieved, measurements of duty cycle, x, and maximum-power transmission duration, T, are required for each tested mode of operation.
Test Limit:	No limits, only for report use.
Test Method:	ANSI C63.10-2020 section 12.2 (b)
Anbotek Anbotek Anbotek Anbotek	 i) Set the center frequency of the instrument to the center frequency of the transmission. ii) Set RBW >= EBW if possible; otherwise, set RBW to the largest available value.
Procedure:	iii) Set VBW >= RBW. iv) Set detector = peak.
Antotek Anbotek Anb	v) The zero-span measurement method shall not be used unless both RBW and VBW are $> 50/T$, where T is defined in item a1) of 12.2, and the number of sweep points across duration T exceeds 100.

4.1. EUT Operation

Operating Environment:

	1: 802.11a mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11a modulation type. All data rates has been tested and
	found the data rate @ 6Mbps is the worst case. Only the data of worst case is recorded in the report.
	2: 802.11n mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11n modulation type. All bandwidth and data rates has
Test mode:	been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.
Anbotek	3: 802.11ac mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11ac modulation type. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only
	the data of worst case is recorded in the report. 4: 802.11ax mode: Keep the EUT connect to AC power line and works in
	continuously transmitting mode with 802.11ax modulation type. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.

4.2. Test Setup

yarek		Anbot	EUT	Spectrum A	nalyzer		Anbo
4.3	. Test Data	otek Anbote	An- Anbotek Anbotek	anbotek Anbotek	Anbu. M.	Anbotek Anbotek	h pr
Tem	perature:	24.3 °C	Humidity:	49 % M ^{bold}	Atmospheric Pr	essure: 101 kPa	a

Please Refer to Appendix for Details.

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5. Maximum conducted output power

47 CFR Part 15.407(a)(1)(iv) 47 CFR Part 15.407(a)(3)(i)
For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. For the band 5.725-5.850 GHz, the maximum conducted output power over
the frequency band of operation shall not exceed 1 W. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to- point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting
the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.
ANSI C63.10-2013, section 12.4
Refer to ANSI C63.10-2020 section 12.4

5.1. EUT Operation

Operating Environment:

	oninent.
ek Anbotek	1: 802.11a mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11a modulation type. All data rates has been tested and
potek Anbotek	found the data rate @ 6Mbps is the worst case. Only the data of worst case is recorded in the report.
Anbotek Anbo	2: 802.11n mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11n modulation type. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of
Test mode:	worst case is recorded in the report. 3: 802.11ac mode: Keep the EUT connect to AC power line and works in
ak Anbote.	continuously transmitting mode with 802.11ac modulation type. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only
potek Anbo	the data of worst case is recorded in the report. 4: 802.11ax mode: Keep the EUT connect to AC power line and works in
Anboten Anbo	continuously transmitting mode with 802.11ax modulation type. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only
Anbo. Ar	the data of worst case is recorded in the report.

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5.2. Test Setup

			EUT	Spec	trum Analyzer	PU		Anbotek	
5 de	K Anborek	Anborc	Annotek	Anboten	And-	Anbotek	Anbotek	Anboro	

5.3. Test Data

Temperature:	24.3 °C	Humidity:	49 %	Atmospheric Pressure:	101 kPa
AV .	V. LaO'		201		~O.'

Please Refer to Appendix for Details.

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Anbotek Product Safety

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6. Power spectral density

NOT THE AL	NOT AIT SEE ADD E AK NOT
Test Requirement:	47 CFR Part 15.407(a)(1)(iv) 47 CFR Part 15.407(a)(3)(i)
Test Limit: Manborek	 For client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. For the band 5.725-5.850 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. For the band 5.725-5.850 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters
Anbore An Anborek Anborek Anborek Anbore	transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.
Test Method:	ANSI C63.10-2020, section 12.6
Procedure:	Refer to ANSI C63.10-2020, section 12.6
N	and all all and

6.1. EUT Operation

Operating Envi	note Ann tek abor An K Kote Ann
	1: 802.11a mode: Keep the EUT connect to AC power line and works in continuously
	transmitting mode with 802.11a modulation type. All data rates has been tested and
	found the data rate @ 6Mbps is the worst case. Only the data of worst case is
	recorded in the report.
	2: 802.11n mode: Keep the EUT connect to AC power line and works in continuously
	transmitting mode with 802.11n modulation type. All bandwidth and data rates has
	been tested and found the data rate @ MCS0 is the worst case. Only the data of
- otek	worst case is recorded in the report.
Test mode:	3: 802.11ac mode: Keep the EUT connect to AC power line and works in
	continuously transmitting mode with 802.11ac modulation type. All bandwidth and
	data rates has been tested and found the data rate @ MCS0 is the worst case. Only
	the data of worst case is recorded in the report.
	4: 802.11ax mode: Keep the EUT connect to AC power line and works in
	continuously transmitting mode with 802.11ax modulation type. All bandwidth and
	data rates has been tested and found the data rate @ MCS0 is the worst case. Only
	the data of worst case is recorded in the report.

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6.2. Test Setup

Anbotek		EUT	Spec	trum Analyzer	P		Anbotek
K Anbotek	Anbotc	A'''	Anboten	And	Anborek	Anboten	Anbo

6.3. Test Data

Temper	ature:	24.3 °C	-10K	Humidity:	49 %	Atmospheric Pressure:	101 kPa
- AV	-	- No	~O.	12×1	_XO.		~O.

Please Refer to Appendix for Details.

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7. Band edge emissions (Conducted)

Test Requirement:	47 CFR Part 15.407(b) 47 CFR Part 15.407(b) 47 CFR Part 15.407(b)	(4) suboter	Anbotek Anbo	hek Anborek
k Anbotek Anboi	For transmitters operat of the 5.15-5.35 GHz b			
Anbotek Anbotek	For transmitters operat All emissions shall be l above or below the bar	imited to a level of -2	27 dBm/MHz at 7	75 MHz or more
Anborek Anborek	above or below the bar edge increasing linearl below the band edge, a	y to a level of 15.6 dE and from 5 MHz abov	Bm/MHz at 5 M⊢ re or below the b	Iz above or band edge
Anbo. Ar	increasing linearly to a			All
stek Anbore An	MHz 0.090-0.110	MHz 16.42-16.423	MHz 399.9-410	GHz 4.5-5.15
nbotek Anbotek l	10.495-0.505	16.69475- 16.69525	608-614	5.35-5.46
Anbotek Anbotek	2.1735-2.1905	16.80425- 16.80475	960-1240	7.25-7.75
Anbo. A. hotel	4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
nboten Anbo	4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
tek Anbotek Anbr	4.20725-4.20775	73-74.6	1645.5- 1646.5	9.3-9.5
	6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
Test Limit:	6.26775-6.26825	108-121.94	1718.8- 1722.2	13.25-13.4
lest Limit.	6.31175-6.31225	123-138	2200-2300	14.47-14.5
	8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
Anbotek Anbois	8.362-8.366	156.52475- 156.52525	2483.5-2500	17.7-21.4
ek unboten Anb	8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
	8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
poter Anb	12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
notek unboter	12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
And K Lotek	12.57675-12.57725	322-335.4	3600-4400	(²)
Anboter Anter Anter	13.36-13.41	A''.	Anboren And	wotek Anbotek

¹ Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz

² Above 38.6

The field strength of emissions appearing within these frequency bands shall not exceed the limits shown in § 15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in § 15.209shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in § 15.209shall be demonstrated based on the average value of the measured emissions. The provisions in § 15.35apply to these measurements.

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ofek Anbo. At	stek anbote. And	botek	Anboy Ar stek
Anbotek Anbotek	Except as provided elsewhe intentional radiator shall no following table:		
And k hotek	Frequency (MHz)	Field strength	Measurement
anboten Ano	w botek Anboi	(microvolts/meter)	distance
Ar. sek abot	And k hotek	Anbo	(meters)
K Anbor Ar	0.009-0.490	2400/F(kHz)	300
tek nboten Ant	0.490-1.705	24000/F(kHz)	30
o. All stek	1.705-30.0	30	30
botek Anbo	30-88	100 **	Anton 3 ontek
And botek	88-216	150 **	abo 3 Anbo
Anbore Ant	216-960	200 **	3.ek nbote
wotek Anbore	Above 960	500	3
Anbo	k hours hours	NO DANK	
k anboten Ano	** Except as provided in pa		
All stek and	intentional radiators operati		
stek Anbo, Ai	frequency bands 54-72 MH		
ok botek	However, operation within t		is permitted under other
nbote. And	sections of this part, e.g., §		And hat hat a had a botek
stek snbote	In the emission table above		
Anbo	The emission limits shown		
aboten Anbo	employing a CISPR quasi-p		
An-	90 kHz, 110–490 kHz and a		
Anbore Ant	these three bands are base	ed on measurements ei	mploying an average
the stek and	detector.	en Aupo	Antek Anbort Ant
Test Method:	ANSI C63.10-2020, section	12.7.4, 12.7.6, 12.7.7	And botek Ar
Procedure: Amborek Amborek Amborek Amborek Amborek Amborek Amborek Amborek Amborek Amborek Amborek Amborek	rotated 360 degrees to dete b. The EUT was set 3 mete which was mounted on the c. The antenna height is va	t a 3 meter fully-aneche ermine the position of the rs away from the interfitop of a variable-heigh ried from one meter to aximum value of the fiel f the antenna are set to ssion, the EUT was arra- uned to heights from 1 MHz, the antenna was turned from 0 degrees was set to Peak Detect Hold Mode. e EUT in peak mode wa could be stopped and the se the emissions that of one using peak or aver- sheet.	bic chamber. The table was he highest radiation. erence-receiving antenna, t antenna tower. four meters above the ld strength. Both horizontal o make the measurement. anged to its worst case meter to 4 meters (for the tuned to heights 1 meter) to 360 degrees to find the ct Function and Specified as 10dB lower than the the peak values of the EUT did not have 10dB margin age method as specified
k hotek anbot	h. The radiation measurem		
Aupor h.	Transmitting mode, and fou	ind the X axis positionii	ng which it is the worst
otek Anboten Ant	case.	in bin.	Anboter Anb set

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i. Repeat above procedures until all frequencies measured was complete. Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor 2. Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

4. The disturbance above 18GHz were very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

7.1. EUT Operation

On shatin a Fusi	ote And And And And And And And And
Operating Envi	ronment: And And Andrek Andre Attendek Andre Attendek
Anbotek Anbotek	1: 802.11a mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11a modulation type. All data rates has been tested and found the data rate @ 6Mbps is the worst case. Only the data of worst case is recorded in the report.
tek Anbore	2: 802.11n mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11n modulation type. All bandwidth and data rates has
bote. And	been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.
Test mode:	3: 802.11ac mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11ac modulation type. All bandwidth and
Anbotek	data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.
	4: 802.11ax mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11ax modulation type. All bandwidth and
hotek Anbo.	data rates has been tested and found the data rate @ MCS0 is the worst case. Only

the data of worst case is recorded in the report.

7.2. Test Setup

7.3. Te	st Data	4.3 °C	Humidity:	49 % Manager	Atmospheri	Anbortek	101 kPa
hotek h	Anborek	Anbui	n. Aribotek	Anbore	Annotek	Anbotek	Anbore An
tek Anbo		Anbot	EUT	Spectrum .	Analyzer		

Please Refer to Appendix for Details.

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8. Band edge emissions (Radiated)

And sek abotek	47 CFR Part 15.407(b)	(1) Anboten Ant	tek abo	rek Anbor
Test Requirement:	47 CFR Part 15.407(b)			
unboten Anbe	47 CFR Part 15.407(b)	(10)		ip
k Anbotek Anbot	For transmitters operat of the 5.15-5.35 GHz b			
otek Anboter An	ek botek		k anbore	
Inbotek Anboter	For transmitters operat All emissions shall be above or below the bar	imited to a level of -2	27 dBm/MHz at 7	75 MHz or more
Anboter Anb	above or below the bar	nd edge, and from 25	MHz above or b	pelow the band
Anbore An-	edge increasing linearl below the band edge,	and from 5 MHz abov	e or below the b	and edge
Anbor Ar	increasing linearly to a	level of 27 dBm/MHz	z at the band edg	ge. Jek onbe
ek abotek Anb	MHz	MHz	MHz	GHz
ne An.	0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
nbotek Anbor F	¹ 0.495-0.505	16.69475- 16.69525	608-614	5.35-5.46
Anboten Anbotek	2.1735-2.1905	16.80425- 16.80475	960-1240	7.25-7.75
Anbo. A.	4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
anboten Anbo	4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
tek Anbotek Anbr	4.20725-4.20775	73-74.6	1645.5- 1646.5	9.3-9.5
ek abotek A	6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
Test Limit:	6.26775-6.26825	108-121.94	1718.8- 1722.2	13.25-13.4
lest Limit.	6.31175-6.31225	123-138	2200-2300	14.47-14.5
Anbore And	8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
Anbotek Anbote	8.362-8.366	156.52475- 156.52525	2483.5-2500	17.7-21.4
ek nboten Anb	8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
r notek M	8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
poter And k	12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
stek suboter	12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
Anbo. A	12.57675-12.57725	322-335.4	3600-4400	$\binom{2}{2}$
abotek Anbur	13.36-13.41	Du-	aboten Anbi	K work
A	And	tek nobo	Pr.	bote. Ann

¹ Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz

² Above 38.6

The field strength of emissions appearing within these frequency bands shall not exceed the limits shown in § 15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in § 15.209shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in § 15.209shall be demonstrated based on the average value of the measured emissions. The provisions in § 15.35apply to these measurements.

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at hotek	Except as provided elsewh	ere in this subpart, the	emissions from an
aboter Ano	intentional radiator shall no		
Ar abote	following table:		K Anbore And
Anbo, A. tek	Frequency (MHz)	Field strength	Measurement
hotek Anbo.		(microvolts/meter)	distance
And sk bot	el Anboi A. stek	(microvoits/meter)	
k nbote. And	0.000.0.400	0400/F/LU	(meters)
v solek an	0.009-0.490	2400/F(kHz)	300
oter Anbe	0.490-1.705	24000/F(kHz)	30
rek spoter	1.705-30.0	30 AND	30
inboit All rek	30-88	100 **	Ame 3 botek
botek Anbor	88-216	150 **	Anbo 3 And
And k sotek	216-960	200 **	3 jek Anboro
aboten Anbe	Above 960	500	Man Alla
All tek anbote	** Except as provided in pa	ragraph (g), fundamer	ntal emissions from
Anbor Ar	intentional radiators operati		
the botek Ant	frequency bands 54-72 MH		
oter And	However, operation within t		
stek spote.	sections of this part, e.g., §		
nbo. A. stek	In the emission table above		es at the band edges
botek Anbo	The emission limits shown		
And botek	employing a CISPR quasi-r		
Anbore Ane	90 kHz, 110–490 kHz and a		
A. stek subote			
Anbo	these three bands are base	eu on measurements e	ampioying an average
ot notek Anb	detector.	Ann	hotek Anbu M.
Test Method:	ANSI C63.10-2020, section	n 12.7.4, 12.7.6, 12.7.7	Ant solek Al
Test Method:		12.7.4, 12.7.6, 12.7.7	Anbotek Anbotek Ar
Test Method:	Above 1GHz:	stek snbotek	Anbore Ann hotek
Test Method:	Above 1GHz: a. For above 1GHz, the EU	T was placed on the t	op of a rotating table 1.5
Test Method:	Above 1GHz: a. For above 1GHz, the EU meters above the ground a	T was placed on the t t a 3 meter fully-anech	op of a rotating table 1.5 noic chamber. The table was
Test Method:	Above 1GHz: a. For above 1GHz, the EU meters above the ground a rotated 360 degrees to dete	T was placed on the t t a 3 meter fully-anech ermine the position of	op of a rotating table 1.5 noic chamber. The table was the highest radiation.
Test Method:	Above 1GHz: a. For above 1GHz, the EU meters above the ground a rotated 360 degrees to dete b. The EUT was set 3 mete	T was placed on the t t a 3 meter fully-anech ermine the position of ers away from the inter	op of a rotating table 1.5 noic chamber. The table was the highest radiation. ference-receiving antenna,
Test Method:	Above 1GHz: a. For above 1GHz, the EU meters above the ground a rotated 360 degrees to dete b. The EUT was set 3 mete which was mounted on the	T was placed on the t t a 3 meter fully-anech ermine the position of ers away from the inter top of a variable-heigl	op of a rotating table 1.5 noic chamber. The table was the highest radiation. ference-receiving antenna, nt antenna tower.
Test Method:	Above 1GHz: a. For above 1GHz, the EU meters above the ground a rotated 360 degrees to dete b. The EUT was set 3 mete which was mounted on the c. The antenna height is va	T was placed on the t t a 3 meter fully-anech ermine the position of ers away from the inter top of a variable-heigh ried from one meter to	op of a rotating table 1.5 noic chamber. The table was the highest radiation. ference-receiving antenna, nt antenna tower. o four meters above the
Test Method:	Above 1GHz: a. For above 1GHz, the EU meters above the ground a rotated 360 degrees to dete b. The EUT was set 3 mete which was mounted on the c. The antenna height is va ground to determine the ma	T was placed on the t t a 3 meter fully-anech ermine the position of ers away from the inter top of a variable-heigl ried from one meter to aximum value of the fie	op of a rotating table 1.5 noic chamber. The table was the highest radiation. ference-receiving antenna, nt antenna tower. o four meters above the eld strength. Both horizontal
Test Method:	Above 1GHz: a. For above 1GHz, the EU meters above the ground a rotated 360 degrees to dete b. The EUT was set 3 mete which was mounted on the c. The antenna height is va ground to determine the ma and vertical polarizations of	T was placed on the to t a 3 meter fully-aneck ermine the position of ers away from the inter top of a variable-heigh ried from one meter to aximum value of the fire f the antenna are set to	op of a rotating table 1.5 noic chamber. The table was the highest radiation. ference-receiving antenna, nt antenna tower. o four meters above the eld strength. Both horizontal o make the measurement.
Test Method:	Above 1GHz: a. For above 1GHz, the EU meters above the ground a rotated 360 degrees to dete b. The EUT was set 3 meter which was mounted on the c. The antenna height is va ground to determine the ma and vertical polarizations of d. For each suspected emiss	T was placed on the t t a 3 meter fully-anech ermine the position of ers away from the inter top of a variable-heigl ried from one meter to aximum value of the fie f the antenna are set t ssion, the EUT was ar	op of a rotating table 1.5 noic chamber. The table was the highest radiation. ference-receiving antenna, nt antenna tower. o four meters above the eld strength. Both horizontal o make the measurement. ranged to its worst case
Test Method:	Above 1GHz: a. For above 1GHz, the EU meters above the ground a rotated 360 degrees to dete b. The EUT was set 3 mete which was mounted on the c. The antenna height is va ground to determine the ma and vertical polarizations of d. For each suspected emis and then the antenna was t	T was placed on the to t a 3 meter fully-anech ermine the position of ers away from the inter top of a variable-heigh ried from one meter to aximum value of the fire f the antenna are set to ssion, the EUT was are tuned to heights from the	op of a rotating table 1.5 noic chamber. The table was the highest radiation. ference-receiving antenna, nt antenna tower. o four meters above the eld strength. Both horizontal o make the measurement. ranged to its worst case 1 meter to 4 meters (for the
Test Method:	Above 1GHz: a. For above 1GHz, the EU meters above the ground a rotated 360 degrees to dete b. The EUT was set 3 mete which was mounted on the c. The antenna height is va ground to determine the ma and vertical polarizations of d. For each suspected emis and then the antenna was to test frequency of below 30M	T was placed on the t t a 3 meter fully-anech ermine the position of trs away from the inter top of a variable-heigh ried from one meter to aximum value of the field f the antenna are set t ssion, the EUT was an tuned to heights from MHz, the antenna was	op of a rotating table 1.5 noic chamber. The table was the highest radiation. ference-receiving antenna, nt antenna tower. o four meters above the eld strength. Both horizontal o make the measurement. ranged to its worst case 1 meter to 4 meters (for the tuned to heights 1 meter)
Test Method:	Above 1GHz: a. For above 1GHz, the EU meters above the ground a rotated 360 degrees to dete b. The EUT was set 3 meter which was mounted on the c. The antenna height is var ground to determine the mar and vertical polarizations of d. For each suspected emist and then the antenna was to test frequency of below 300 and the rotatable table was	T was placed on the t t a 3 meter fully-anech ermine the position of trs away from the inter top of a variable-heigh ried from one meter to aximum value of the field f the antenna are set t ssion, the EUT was an tuned to heights from MHz, the antenna was	op of a rotating table 1.5 noic chamber. The table was the highest radiation. ference-receiving antenna, nt antenna tower. o four meters above the eld strength. Both horizontal o make the measurement. ranged to its worst case 1 meter to 4 meters (for the
hootek Anbotek	Above 1GHz: a. For above 1GHz, the EU meters above the ground a rotated 360 degrees to dete b. The EUT was set 3 meter which was mounted on the c. The antenna height is va ground to determine the ma and vertical polarizations of d. For each suspected emise and then the antenna was to test frequency of below 30N and the rotatable table was maximum reading.	T was placed on the to t a 3 meter fully-aneck ermine the position of ers away from the inter top of a variable-heigh ried from one meter to aximum value of the field f the antenna are set to ssion, the EUT was are tuned to heights from MHz, the antenna was turned from 0 degree	op of a rotating table 1.5 hoic chamber. The table was the highest radiation. ference-receiving antenna, ht antenna tower. o four meters above the eld strength. Both horizontal o make the measurement. ranged to its worst case 1 meter to 4 meters (for the tuned to heights 1 meter) s to 360 degrees to find the
hootek Anbotek	Above 1GHz: a. For above 1GHz, the EU meters above the ground a rotated 360 degrees to dete b. The EUT was set 3 meter which was mounted on the c. The antenna height is va ground to determine the ma and vertical polarizations of d. For each suspected emis and then the antenna was to test frequency of below 30N and the rotatable table was maximum reading. e. The test-receiver system	T was placed on the to t a 3 meter fully-aneck ermine the position of ers away from the inter top of a variable-heigh ried from one meter to aximum value of the fire f the antenna are set to ssion, the EUT was are tuned to heights from MHz, the antenna was turned from 0 degree	op of a rotating table 1.5 hoic chamber. The table was the highest radiation. ference-receiving antenna, ht antenna tower. o four meters above the eld strength. Both horizontal o make the measurement. ranged to its worst case 1 meter to 4 meters (for the tuned to heights 1 meter) s to 360 degrees to find the
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hootek Anbotek	Above 1GHz: a. For above 1GHz, the EU meters above the ground a rotated 360 degrees to dete b. The EUT was set 3 meter which was mounted on the c. The antenna height is va ground to determine the ma and vertical polarizations of d. For each suspected emis and then the antenna was to test frequency of below 30N and the rotatable table was maximum reading. e. The test-receiver system Bandwidth with Maximum H f. If the emission level of the	T was placed on the t t a 3 meter fully-anech ermine the position of trs away from the inter top of a variable-heigh ried from one meter to aximum value of the field f the antenna are set t ssion, the EUT was an uned to heights from MHz, the antenna was turned from 0 degree was set to Peak Dete Hold Mode. e EUT in peak mode v	op of a rotating table 1.5 noic chamber. The table was the highest radiation. ference-receiving antenna, nt antenna tower. o four meters above the eld strength. Both horizontal o make the measurement. ranged to its worst case 1 meter to 4 meters (for the tuned to heights 1 meter) s to 360 degrees to find the ect Function and Specified was 10dB lower than the
hootek Anbotek	Above 1GHz: a. For above 1GHz, the EU meters above the ground a rotated 360 degrees to dete b. The EUT was set 3 meter which was mounted on the c. The antenna height is var ground to determine the mar and vertical polarizations of d. For each suspected emist and then the antenna was to test frequency of below 30N and the rotatable table was maximum reading. e. The test-receiver system Bandwidth with Maximum H f. If the emission level of the limit specified, then testing	T was placed on the t t a 3 meter fully-aneck ermine the position of trs away from the inter top of a variable-heigl ried from one meter to aximum value of the field f the antenna are set t ssion, the EUT was ar tuned to heights from MHz, the antenna was turned from 0 degree was set to Peak Dete fold Mode. e EUT in peak mode v could be stopped and	op of a rotating table 1.5 hoic chamber. The table was the highest radiation. ference-receiving antenna, ht antenna tower. o four meters above the eld strength. Both horizontal o make the measurement. ranged to its worst case 1 meter to 4 meters (for the tuned to heights 1 meter) s to 360 degrees to find the ect Function and Specified was 10dB lower than the the peak values of the EUT
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hootek Anbotek	Above 1GHz: a. For above 1GHz, the EU meters above the ground a rotated 360 degrees to dete b. The EUT was set 3 meter which was mounted on the c. The antenna height is va ground to determine the ma and vertical polarizations of d. For each suspected emis and then the antenna was to test frequency of below 30N and the rotatable table was maximum reading. e. The test-receiver system Bandwidth with Maximum H f. If the emission level of the limit specified, then testing would be reported. Otherwi would be re-tested one by o	T was placed on the to t a 3 meter fully-aneck ermine the position of ers away from the inter top of a variable-heigh ried from one meter to aximum value of the field f the antenna are set to ssion, the EUT was are tuned to heights from MHz, the antenna was turned from 0 degree was set to Peak Deter hold Mode. e EUT in peak mode w could be stopped and se the emissions that one using peak or ave	op of a rotating table 1.5 noic chamber. The table was the highest radiation. ference-receiving antenna, nt antenna tower. o four meters above the eld strength. Both horizontal o make the measurement. ranged to its worst case 1 meter to 4 meters (for the tuned to heights 1 meter) s to 360 degrees to find the ect Function and Specified was 10dB lower than the the peak values of the EUT did not have 10dB margin
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hootek Anbotek	Above 1GHz: a. For above 1GHz, the EU meters above the ground a rotated 360 degrees to dete b. The EUT was set 3 mete which was mounted on the c. The antenna height is va ground to determine the ma and vertical polarizations of d. For each suspected emis and then the antenna was t test frequency of below 30N and the rotatable table was maximum reading. e. The test-receiver system Bandwidth with Maximum H f. If the emission level of the limit specified, then testing would be reported. Otherwi would be re-tested one by o and then reported in a data g. Test the EUT in the lower	T was placed on the to t a 3 meter fully-aneck ermine the position of ers away from the inter top of a variable-heigh ried from one meter to aximum value of the fire f the antenna are set to ssion, the EUT was are tuned to heights from MHz, the antenna was turned from 0 degree was set to Peak Deter hold Mode. e EUT in peak mode v could be stopped and se the emissions that one using peak or ave sheet.	op of a rotating table 1.5 noic chamber. The table was the highest radiation. ference-receiving antenna, in antenna tower. o four meters above the eld strength. Both horizontal o make the measurement. ranged to its worst case 1 meter to 4 meters (for the tuned to heights 1 meter) s to 360 degrees to find the ect Function and Specified was 10dB lower than the the peak values of the EUT did not have 10dB margin rage method as specified
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hootek Anbotek	Above 1GHz: a. For above 1GHz, the EU meters above the ground a rotated 360 degrees to dete b. The EUT was set 3 meter which was mounted on the c. The antenna height is var ground to determine the mar and vertical polarizations of d. For each suspected emise and then the antenna was to test frequency of below 30N and the rotatable table was maximum reading. e. The test-receiver system Bandwidth with Maximum H f. If the emission level of the limit specified, then testing would be reported. Otherwi would be re-tested one by o and then reported in a data g. Test the EUT in the lower channel.	T was placed on the to t a 3 meter fully-aneck ermine the position of ers away from the inter top of a variable-heigl ried from one meter to aximum value of the fiel f the antenna are set to ssion, the EUT was are tuned to heights from MHz, the antenna was turned from 0 degree was set to Peak Deter hold Mode. e EUT in peak mode v could be stopped and se the emissions that one using peak or ave sheet. st channel, the middle ents are performed in	op of a rotating table 1.5 noic chamber. The table was the highest radiation. ference-receiving antenna, nt antenna tower. o four meters above the eld strength. Both horizontal o make the measurement. ranged to its worst case 1 meter to 4 meters (for the tuned to heights 1 meter) s to 360 degrees to find the ect Function and Specified was 10dB lower than the the peak values of the EUT did not have 10dB margin rage method as specified channel, the Highest X, Y, Z axis positioning for
hootek Anbotek	Above 1GHz: a. For above 1GHz, the EU meters above the ground a rotated 360 degrees to dete b. The EUT was set 3 meters which was mounted on the c. The antenna height is var- ground to determine the mar- and vertical polarizations of d. For each suspected emisers and then the antenna was to test frequency of below 30N and the rotatable table was maximum reading. e. The test-receiver system Bandwidth with Maximum H f. If the emission level of the limit specified, then testing would be reported. Otherwit would be re-tested one by or and then reported in a data g. Test the EUT in the lower channel. h. The radiation measurem	T was placed on the to t a 3 meter fully-aneck ermine the position of ers away from the inter top of a variable-heigl ried from one meter to aximum value of the fiel f the antenna are set to ssion, the EUT was are tuned to heights from MHz, the antenna was turned from 0 degree was set to Peak Deter hold Mode. e EUT in peak mode v could be stopped and se the emissions that one using peak or ave sheet. st channel, the middle ents are performed in	op of a rotating table 1.5 noic chamber. The table was the highest radiation. ference-receiving antenna, nt antenna tower. o four meters above the eld strength. Both horizontal o make the measurement. ranged to its worst case 1 meter to 4 meters (for the tuned to heights 1 meter) s to 360 degrees to find the ect Function and Specified was 10dB lower than the the peak values of the EUT did not have 10dB margin rage method as specified channel, the Highest X, Y, Z axis positioning for

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i. Repeat above procedures until all frequencies measured was complete. Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor 2. Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

4. The disturbance above 18GHz were very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

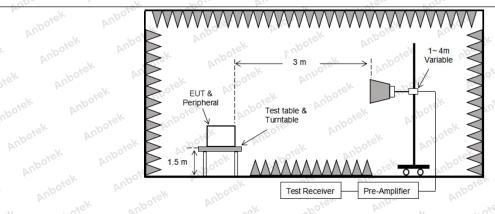
8.1. EUT Operation

Operating Environment:

	and the solution of the soluti
Anbotek	1: 802.11a mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11a modulation type. All data rates has been tested and found the data rate @ 6Mbps is the worst case. Only the data of worst case is
Anthotek	recorded in the report.
ter And	2: 802.11n mode: Keep the EUT connect to AC power line and works in continuously
hotek Anbor	transmitting mode with 802.11n modulation type. All bandwidth and data rates has
ie sek	been tested and found the data rate @ MCS0 is the worst case. Only the data of
Test mode:	worst case is recorded in the report.
nest mode.	3: 802.11ac mode: Keep the EUT connect to AC power line and works in
Anbote	continuously transmitting mode with 802.11ac modulation type. All bandwidth and
abotek	data rates has been tested and found the data rate @ MCS0 is the worst case. Only

the data of worst case is recorded in the report. 4: 802.11ax mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11ax modulation type. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.

8.2. Test Setup



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8.3. Test Data

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rempe	erature:	24.3 U	P. 1	numunv.	49 %		Atmospheric Pressure:	∣ 101 kPa	NZ
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202		No.	.00.	l×.	1.4	76.	NOV.	ick bo.	Ī

TM1 / Band: 5150-5250 MHz / BW: 20 / L								
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector	
5150.00	36.98	o ^{tek} 15.99 ^{Mo}	52.97	68.20	-15.23	Lotek H	poterPeak Ant	
5150.00	39.05	15.99	55.04	68.20	-13.16	V	Peak	
5150.00	26.92	15.99	42.91	54.00	-11.09	And H tek	AVG	
5150.00	28.97	15.99	44.96	54.00	-9.04	ANV	AVG	

TM1 / Band: 5150-5250 MHz / BW: 20 / H

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5250.00	37.43	16.43	53.86	68.20	-14.34	H	Peak
5250.00	40.38	16.43	56.81	68.20	-11.39	And Vek	Peak
5250.00	28.75	16.43	45.18	54.00	-8.82	Ant	AVG
5250.00	29.65	16.43	46.08	54.00	-7.92	K/poren	AVG
Domork: 1	Dooult-Dood		- Par	K boto	Pur		SK 7000

Remark: 1. Result=Reading + Factor

TM2 / Band: 5150-5250 MHz / BW: 20 / L

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5150.00	35.93	15.99	51.92	68.20	-16.28	Hootek	Peak
5150.00	37.32	15.99	53.31	68.20	-14.89	K V nbote	Peak
5150.00	26.65	15.99 Moon	42.64	54.00 MO	-11.36	H H	ote ^k AVG pri ^{b0}
5150.00	27.64	o ^{ote³15.99 M¹}	43.63	54.00	-10.37 M	V	AVG

TM2 / Band: 5150-5250 MHz / BW: 20 / H

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5250.00	37.75	16.43	54.18	68.20	-14.02	K H botel	Peak
5250.00	38.79	16.43	55.22	68.20	-12.98	V	re ^k Peak noo
5250.00	27.78	16.43	o ^{ten} 44.21 pn ^{b1}	54.00	on ^{de -} 9.79	H Ant	AVG
5250.00	29.23	16.43	45.66	54.00	-8.34	nboter A	AVG
	(MHz) 5250.00 5250.00 5250.00	(MHz)(dBuV)5250.0037.755250.0038.795250.0027.78	(MHz)(dBuV)(dB/m)5250.0037.7516.435250.0038.7916.435250.0027.7816.43	(MHz)(dBuV)(dB/m)(dBuV/m)5250.0037.7516.4354.185250.0038.7916.4355.225250.0027.7816.4344.21	(MHz)(dBuV)(dB/m)(dBuV/m)(dBuV/m)5250.0037.7516.4354.1868.205250.0038.7916.4355.2268.205250.0027.7816.4344.2154.00	(MHz)(dBuV)(dB/m)(dBuV/m)(dBuV/m)(dB)5250.0037.7516.4354.1868.20-14.025250.0038.7916.4355.2268.20-12.985250.0027.7816.4344.2154.00-9.79	(MHz)(dBuV)(dB/m)(dBuV/m)(dBuV/m)(dB)Pol.5250.0037.7516.4354.1868.20-14.02H5250.0038.7916.4355.2268.20-12.98V5250.0027.7816.4344.2154.00-9.79H

Remark: 1. Result=Reading + Factor

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Ja.	. bor pr.		- der	n ^p	Yo.	~ ⁰⁰¹	>**
9		TM2 / B	and: 5150-52	250 MHz / BV	V: 40 / L		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5150.00	36.47	15.99	52.46	68.20	-15.74	K H _{Anbote}	Peak
5150.00	38.32	15.99	54.31	68.20 ⁰⁰¹	-13.89	otek V Anb	Peak
5150.00	27.04	o ^{tek} 15.99 An ^b	43.03	54.00	-10.97	wotek H	AVG ANG
5150.00	28.75	15.99	44.74	54.00	-9.26	V	AVG
	1.40.	TM2 / B	and: 5150-52	250 MHz / BV	V: 40 / H	1. 10 V	

Frequency Reading Over limit Factor Result Limit Antenna Detector (MHz) (dBuV) (dBuV/m) (dBuV/m) (dB/m)(dB) Pol. 5250.00 38.08 16.43 68.20 -13.69 54.51 Н Peak 5250.00 36.95 16.43 -14.82 V 53.38 68.20 Peak 5250.00 28.29 16.43 44.72 54.00 -9.28 Н AVG v 5250.00 29.50 16.43 45.93 54.00 -8.07 AVG

Remark: 1. Result=Reading + Factor

	TM3 / Band: 5150-5250 MHz / BW: 20 / L											
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector					
5150.00	36.93	15.99	52.92	68.20	-15.28	AnboteH	Peak					
5150.00	38.69	15.99	54.68	68.20	-13.52	Vek Vek	Peak					
5150.00	26.56	15.99	42.55	54.00	-11.45	Hotek	AVG					
5150.00	28.75	15.99	44.74	54.00	-9.26	V V Note	AVG					

TM3 / Band: 5150-5250 MHz / BW: 20 / H

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5250.00	37.88	16.43	54.31	68.20	-13.89	nb H ^{ek}	Peak
5250.00	38.13	16.43	54.56	68.20	-13.64	Votek	Peak
5250.00	27.79	16.43	44.22	54.00	-9.78	H tel	AVG
5250.00	28.35	16.43	44.78	54.00	-9.22 ····	Vanbe	AVG

Remark: 1. Result=Reading + Factor

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		TM3 / B	and: 5150-52	250 MHz / BV	V: 40 / L		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5150.00	35.88	15.99	51.87	68.20	-16.33	HA Have	Peak
5150.00	36.33	15.99	52.32	68.20	-15.88	Vanbo	Peak
5150.00	26.07 ¹⁰⁰	15.99	42.06 Mar	54.00	-11.94	^{stek} H Anbo	AVG
5150.00	26.80 M	15.99	42.79	54.00	-11.21	nbotek V Ar	AVG
		TM3 / B	and: 5150-52	250 MHz / BV	V: 40 / H	·	
Frequency	Reading	Factor	Result	Limit	Over limit	Antenna	

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5250.00	38.03	16.43	54.46	68.20	-13.74	HUD	Peak
5250.00	37.18	16.43	53.61 not	68.20	-14.59	tek V Anbor	Peak
5250.00	27.49	16.43 M	43.92	o ^{ne 54.00}	-10.08	Lotek H AN	AVG ANG
5250.00	27.47	16.43	43.90	54.00	10.10 ×	V	AVG
	.00	1. A.	1010	00-		202	Pre VI

Remark: 1. Result=Reading + Factor

	TM4 / Band: 5150-5250 MHz / BW: 20 / L											
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector					
5150.00	37.07	15.99	53.06	68.20	-15.14	H	Peak					
5150.00	38.85	15.99	54.84	68.20	-13.36	And Vek	Peak					
5150.00	26.63	15.99	42.62	54.00	-11.38	And H stek	AVG					
5150.00	28.87	15.99	44.86	54.00	-9.14	V	AVG					

TM4 /	Band:	5150-5250	MHz /	BW: 20	/ H
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10.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
	5250.00	37.95	16.43	54.38	68.20	-13.82	Ann Hk	Peak
	5250.00	38.19	16.43	54.62	68.20	-13.58	Anbo	Peak
	5250.00	27.89	16.43	44.32	54.00	-9.68	PH0,00	AVG
	5250.00	28.49	16.43	44.92	54.00	-9.08	K V hoter	AVG

Remark: 1. Result=Reading + Factor

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. eX	-boten An	botek Ant	- Nek N	upor Air		-boten P	Inbotek A
		TM4 / B	and: 5150-52	250 MHz / BV	V: 40 / L		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5150.00	36.01	15.99	52.00	68.20	-16.20	K Hanboter	Peak
5150.00	× 36.41 001	15.99	52.40	68.20 m	-15.80	otek V Anbo	Peak
5150.00	26.25	o ^{tek} 15.99 ^{Anb}	42.24	54.00 M	-11.76	wotek H	AVG N
5150.00	26.93	15.99	42.92	54.00	-11.08	V	AVG
		TM4 / B	and: 5150-52	250 MHz / BW	V: 40 / H		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5250.00	× 38.14 00 ¹⁰	16.43	54.57	68.20 ⁰⁰¹	-13.63	tek H anbo	Peak
5250.00	37.25	o ^{tek} 16.43 ph ⁰⁰	53.68	68.20	-14.52 ·····	V	po ^{rek} Peak
5250.00	27.56	16.43	43.99	54.00	-10.01	Poor H	AVG
5250.00	27.64	16.43	44.07	54.00	-9.93	Anbort	AVG

Remark: 1. Result=Reading + Factor

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	TM1 / Band: 5725-5850 MHz / BW: 20 / L											
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector					
5725.00	38.26	16.37	54.63	68.20	-13.57	HA Have	Peak					
5725.00	39.68	16.37	56.05	68.20	-12.15	Vanbo	Peak					
5725.00	^{ek} 29.10 ⁰⁰⁰	16.70	15.80 mbo	54.00		otek H Anbo	AVG					
5725.00	30.22	16.70	46.92	54.00	-7.08	nbotek V Ar	AVG					
		TM1 / B	and: 5725-58	350 MHz / BV	V: 20 / H							
_			D 1/									

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5850.00	39.23	17.21	56.44	68.20	-11.76	HUD	Peak
5850.00	39.61	17.21	56.82 mot	68.20	-11.38	rek V Anbo	Peak
5850.00	29.19	o ^{ten} 17.21 ^{Anv}	46.40	54.00 M	-7.60	votek H An	AVG ANG
5850.00	29.19	17.21	46.40	54.00	n ^{bot} -7.60	V	AVG
- * ⁰			~0 ¹	DUL	NON-	000	No.

Remark: 1. Result=Reading + Factor

Frequency

	TM2 / Band: 5/25-5850 MHZ / BW: 20 / L									
Reading	Factor	Result	Limit	Over limit	Antenna					
(dBuV)	(dB/m)	(dBu\//m)	(dBuV/m)	(dB)	Pol					

(IVIHZ)	(aBuv)	(aB/m)	(aBuv/m)	(aBuv/m)	(aB)	POI.	
5725.00	38.25	17.05 N	55.30	68.20	-12.90	H H	Peak
5725.00	38.85	17.05	55.90	68.20	-12.30	AnborV	Peak
5725.00	27.65	17.05	44.70	54.00	-9.30	Anth	AVG
5725.00	28.20	17.05	45.25	54.00	-8.75	Noore	AVG

TM2 / Band: 5725-5850 MHz / BW: 20 / H

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5850.00	37.47	17.21	54.68	68.20	-13.52	Aupo, H	Peak
5850.00	38.05	17.21	55.26	68.20	-12.94	AnbV	Peak
5850.00	27.76	17.21	44.97	54.00	-9.03	Hoter	AVG
5850.00	28.56	17.21	45.77	54.00	-8.23	K V otel	AVG

Remark: 1. Result=Reading + Factor

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Detector



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. Ale	-100° P.		- ater	MP.	10.	-00' P	54 · · · · · · · · · · · · · · · · · · ·		
TM2 / Band: 5725-5850 MHz / BW: 40 / L									
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector		
5725.00	37.83	17.05	54.88	68.20	-13.32	K Hunbore	Peak		
5725.00	× 38.73 00 ¹⁴	17.05	55.78	68.20 ⁰⁰⁰	-12.42	otek V Anbo	Peak		
5725.00	27.12	o ^{tek} 17.05 ^{Anb}	44.17	54.00	-9.83	HMarket	AVG M		
5725.00	28.45	17.05	45.50	54.00	-8.50	V	AVG		
	1 1017	TM2 / B	and: 5725-5	850 MHz / BV	V: 40 / H	1 John	1 W.		

Frequency Reading Over limit Factor Result Limit Antenna Detector (MHz) (dBuV) (dB/m)(dBuV/m) (dBuV/m) (dB) Pol. 5850.00 38.19 17.21 68.20 -12.80 55.40 Н Peak 5850.00 38.54 17.21 -12.45 V 55.75 68.20 Peak 5850.00 28.37 17.21 45.58 54.00 -8.42 Н AVG v 5850.00 29.43 17.21 46.64 54.00 -7.36 AVG

Remark: 1. Result=Reading + Factor

TM3 / Band: 5725-5850 MHz / BW: 20 / L								
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector	
5725.00	37.45	17.05	54.50	68.20	-13.70	AnboteH	Peak	
5725.00	37.57	17.05	54.62	68.20	-13.58	Nek	Peak	
5725.00	28.35	17.05	45.40	54.00	-8.60	Hotek	AVG	
5725.00	29.20	17.05	46.25	54.00	-7.75	K V nbote	AVG	

TM3 / Band: 5725-5850 MHz / BW: 20 / H

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5850.00	38.19	17.21	55.40	68.20	-12.80	, nother	Peak
5850.00	39.06	17.21	56.27	68.20	-11.93	Votek	Peak
5850.00	28.05	17.21	45.26	54.00	-8.74	H te	AVG
5850.00	29.16	17.21	46.37	54.00	-7.63 pore	Vaupe	AVG o

Remark: 1. Result=Reading + Factor

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		TM3 / B	and: 5725-58	850 MHz / BV	V: 40 / L		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5725.00	36.39	17.05	53.44	68.20	-14.76	HA Have	Peak
5725.00	37.89	17.05	54.94	68.20	-13.26	Vupor	Peak
5725.00	27.63	17.05	14.68 Mar 44.68	54.00	-9.32 mb	otek H Anbo	AVG
5725.00	28.31	17.05	45.36	54.00	-8.64	nbotek V Ar	AVG
		TM3 / B	and: 5725-58	350 MHz / BV	V: 40 / H		
-							

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5850.00	37.73	17.21	54.94	68.20	-13.26	Hupp	Peak
5850.00	38.60	17.21	× 55.81 mo	68.20	-12.39	rek V Anboi	Peak
5850.00	27.74	17.21 Anu	44.95	54.00 M	-9.05	Sotek H AN	AVG AVG
5850.00	27.39	17.21 №	44.60	54.00	-9.40	V.	AVG
10			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	V ()		- 44	1.1

Remark: 1. Result=Reading + Factor

TM4 / Band: 5725-5850 MHz / BW: 20 / L									
Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector			
37.59	17.05	54.64	68.20	-13.56	H	Peak			
37.64	17.05	54.69	68.20	-13.51	And Vek	Peak			
28.45	17.05	45.50	54.00	-8.50	Anbbr H etek	AVG			
29.36	17.05	46.41	54.00	-7.59°**	V	AVG			
	(dBuV) 37.59 37.64 28.45	Reading (dBuV) Factor (dB/m) 37.59 17.05 37.64 17.05 28.45 17.05	Reading (dBuV)Factor (dB/m)Result (dBuV/m)37.5917.0554.6437.6417.0554.6928.4517.0545.50	Reading (dBuV) Factor (dB/m) Result (dBuV/m) Limit (dBuV/m) 37.59 17.05 54.64 68.20 37.64 17.05 54.69 68.20 28.45 17.05 45.50 54.00	Reading (dBuV) Factor (dB/m) Result (dBuV/m) Limit (dBuV/m) Over limit (dB) 37.59 17.05 54.64 68.20 -13.56 37.64 17.05 54.69 68.20 -13.51 28.45 17.05 45.50 54.00 -8.50	Reading (dBuV) Factor (dB/m) Result (dBuV/m) Limit (dBuV/m) Over limit (dB) Antenna Pol. 37.59 17.05 54.64 68.20 -13.56 H 37.64 17.05 54.69 68.20 -13.51 V 28.45 17.05 45.50 54.00 -8.50 H			

TM4 / Band: 5725-5850 MH	lz / BW: 20 / H
--------------------------	-----------------

n,	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
	5850.00	38.33	17.21	55.54	68.20	-12.66	Ann HK	Peak
	5850.00	39.17	17.21	56.38	68.20	-11.82	AnbV	Peak
ľ	5850.00	28.16	17.21	45.37	54.00	-8.63	PH9 OTO	AVG
Į	5850.00	29.32	17.21	46.53	54.00	-7.47	K Vanborer	AVG

Remark: 1. Result=Reading + Factor

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5850.00

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Anbo

AVG

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		TM4 / B	and: 5725-58	350 MHz / BV	V: 40 / L	~~~	
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5725.00	36.52	17.05	53.57	68.20	-14.63	K Hanbote	Peak
5725.00	37.97	17.05	55.02	68.20 ⁰⁰	-13.18	otek V Anb	Peak
5725.00	27.73	o ^{tek} 17.05 kn ^b	44.78	54.00	-9.22	HyarekH	AVG M
5725.00	28.39	17.05	45.44	54.00	-8.56	V	AVG
		TM4 / B	and: 5725-58	350 MHz / BV	V: 40 / H		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5850.00	37.84	17.21	55.05	68.20	-13.15	tek H anbo	Peak
5850.00	38.76	ot ^{ek} 17.21 pn ^{bC}	55.97	68.20	-12.23 ⁴⁰⁰	V	Peak M
5850.00	27.87	17.21	45.08	54.00	-8.92	No. H	AVG

54.00

44.76

Remark: 1. Result=Reading + Factor

27.55

17.21

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9. Undesirable emission limits (below 1GHz)

Test Requirement:	47 CFR Part 15.407(b)(9)	Anbote: Anb	Anbotek Anbo.
Anto Anbotek Anbotek K Anbotek Anbo	strength limits set forth in	An tek abotek	
otek Anbotek A		here in this subpart, the emis ot exceed the field strength l	
Anbotek Anbotek	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
	0.009-0.490 0.490-1.705	2400/F(kHz) 24000/F(kHz)	300 30
Test Limit:	1.705-30.0 30-88 88-216	30 100 ** 150 **	30 3 3
nbotek Anbotek	216-960 Above 960	200 **	
Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek	intentional radiators opera frequency bands 54-72 M However, operation within sections of this part, e.g., In the emission table abov The emission limits showr employing a CISPR quasi 90 kHz, 110–490 kHz and these three bands are bas detector.	ve, the tighter limit applies at n in the above table are base -peak detector except for the above 1000 MHz. Radiated sed on measurements emplo	not be located in the lz or 470-806 MHz. ermitted under other the band edges. ed on measurements e frequency bands 9– emission limits in
Test Method:	ANSI C63.10-2020, sectio	on 12.7.4, 12.7.5	k notek ant
ek Anbotek Anbotek I botek Anbotek I	meters above the ground was rotated 360 degrees	UT was placed on the top of at a 3 meter semi-anechoic o to determine the position of t 0 meters away from the inte	chamber. The table he highest radiation.
Anbotek Anbotek	antenna, which was moun c. The antenna height is v ground to determine the n	ated on the top of a variable- aried from one meter to four naximum value of the field str	neight antenna tower. meters above the rength. Both horizontal
Procedure:	d. For each suspected em	of the antenna are set to mal nission, the EUT was arrange tuned to heights from 1 met	ed to its worst case
ootek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	test frequency of below 30 and the rotatable table wa maximum reading. e. The test-receiver system Bandwidth with Maximum f. If the emission level of the	OMHz, the antenna was tuned is turned from 0 degrees to 3 m was set to Peak Detect Fu Hold Mode. he EUT in peak mode was 10	d to heights 1 meter) 60 degrees to find the nction and Specified
K 200. W.	limit specified, then testing	g could be stopped and the p	eak values of the EUT

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would be re-tested one by one using quasi-peak method as specified and then reported in a data sheet.

g. Test the EUT in the lowest channel, the middle channel, the Highest channel.

h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.

i. Repeat above procedures until all frequencies measured was complete. Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor 2. Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

3. The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

Above 1GHz:

a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak or average method as specified and then reported in a data sheet.

g. Test the EUT in the lowest channel, the middle channel, the Highest channel.

h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.

i. Repeat above procedures until all frequencies measured was complete. Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor 2. Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB

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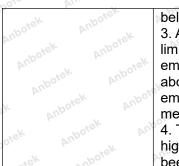
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below the limit need not be reported. 3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

4. The disturbance above 18GHz were very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

9.1. EUT Operation

Operating Environment:

Test mode:

1: 802.11a mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11a modulation type. All data rates has been tested and found the data rate @ 6Mbps is the worst case. Only the data of worst case is recorded in the report.

2: 802.11n mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11n modulation type. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.

3: 802.11ac mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11ac modulation type. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.

4: 802.11ax mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11ax modulation type. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.

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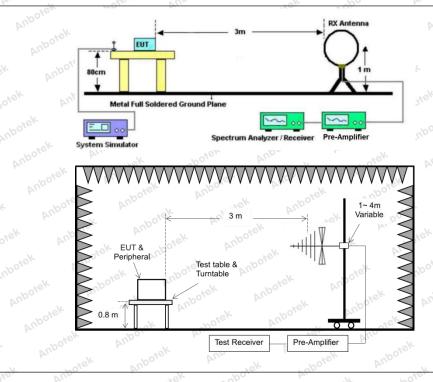
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9.2. Test Setup



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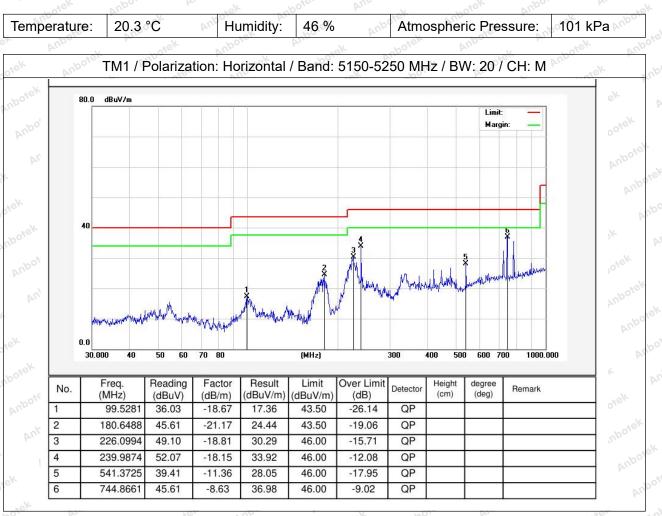




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9.3. Test Data

The test results of 9kHz-30MHz was attenuated more than 20dB below the permissible limits, so the results don't record in the report.



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Anbotek **Product Safety** Report No.: 182512C400374104 FCC ID: 2ABC5-E0068 Page 44 of 50 20.3 °C Temperature: Humidity: 46 % Atmospheric Pressure: 101 kPa Anbo TM1 / Polarization: Vertical / Band: 5150-5250 MHz / BW: 20 / CH: M 80.0 dBuV/m Limit Margin 40 Mulwinner 0.0 30.000 50 60 70 80 (MHz) 300 400 500 600 700 40 1000.000 Result Over Limit Freq. Reading Factor Limit Height degree Detector Remark No. (MHz) (dBuV) (dB/m) (dBuV/m) (dBuV/m) (dB) (cm) (deg) QP 99.5281 49.70 -18.67 31.03 -12.47 1 43.50 47.00 -18.34 QP 2 170.7926 -21.84 25.16 43.50 3 226.0994 45.72 -18.81 26.91 46.00 -19.09 QP 4 338,4001 39.15 -15.10 24.05 46.00 -21.95 QP

46.00

46.00

-13.32

-18.70

QP

QP

Note: Only record the worst data (802.11a) in the report.

-8.63

-6.14

32.68

27.30

41.31

33.44

5

6

744.8661

938.8326

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10. Undesirable emission limits (above 1GHz)

Test Requirement:	47 CFR Part 15.407(b) 47 CFR Part 15.407(b)		Anbotek Anbo	tek Anbor
Anboten And	47 CFR Part 15.407(b)	(10)		
k Anbotek Anbot	For transmitters operat of the 5.15-5.35 GHz b			
	Dotek Anbore	Ann a light in the chore		n hotek
unbotek Anboter	For transmitters operat All emissions shall be l above or below the bar	imited to a level of -2	27 dBm/MHz at 3	75 MHz or more
unboten Ano	above or below the bar			
hi botek Anbote	edge increasing linearl			
And	below the band edge, a			
Anbote. And	increasing linearly to a	level of 27 dBm/MHz	z at the band edg	ge.
ak botek And	MHz	MHz	MHz oter	GHz
Ant ak	0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
	10.495-0.505	16.69475- 16.69525	608-614	5.35-5.46
	2.1735-2.1905	16.80425- 16.80475	960-1240	7.25-7.75
	4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
nboten Anbo	4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
	4.20725-4.20775	73-74.6 Model and a sole	1645.5- 1646.5	9.3-9.5
	6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
Test Limit:	6.26775-6.26825	108-121.94	1718.8- 1722.2	13.25-13.4
Test Limit.	6.31175-6.31225	123-138	2200-2300	14.47-14.5
	8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
Anbotek Anbois	8.362-8.366	156.52475- 156.52525	2483.5-2500	17.7-21.4
	8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
	8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
poter And	12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
	12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
	12.57675-12.57725	322-335.4	3600-4400	(²)
	13.36-13.41	p	unpoter And	Haroda Har
	P.I.			

¹ Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz

² Above 38.6

The field strength of emissions appearing within these frequency bands shall not exceed the limits shown in § 15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in § 15.209shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in § 15.209shall be demonstrated based on the average value of the measured emissions. The provisions in § 15.35apply to these measurements.

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	Except as provided elsewho intentional radiator shall no	t avcoad the field strength I	
	following table:	t exceed the held strength i	evels specified in the
		Field Stars at Anbote	An
hotek Anbort	Frequency (MHz)	Field strength	Measurement
	rel Anbor Arriver	(microvolts/meter)	distance
Anboten Ano	0.000.0.400	2400/5/1415	(meters)
	0.009-0.490	2400/F(kHz)	300
Anbo	0.490-1.705	24000/F(kHz)	30
	1.705-30.0	30	30 mbot
	30-88	100 **	and 3 hotek
	88-216	150 **	And 3 And
wek poter	216-960	200 **	3 ok Mbon
	Above 960	500 set mooter	P1 3
	** Except as provided in pa		
	intentional radiators operati		
	frequency bands 54-72 MH		
k hotek	However, operation within t		ermitted under other
	sections of this part, e.g., §		in ok hotek
	In the emission table above		
	The emission limits shown		
	employing a CISPR quasi-p		
	90 kHz, 110–490 kHz and a		
		od on monouromonte omple	
	these three bands are base	eu on measurements emplo	lying an average
Anbor An	these three bands are base detector.		bying an average
est Method:		ek Anbor Arr	bying an average
est Method:	detector. ANSI C63.10-2020, section	ek Anbor Arr	bying an average
est Method:	detector. ANSI C63.10-2020, section Above 1GHz:	12.7.4, 12.7.6, 12.7.7	ek Anbotek Anbotek
est Method:	detector. ANSI C63.10-2020, section Above 1GHz: a. For above 1GHz, the EU	12.7.4, 12.7.6, 12.7.7 T was placed on the top of	a rotating table 1.5
est Method:	detector. ANSI C63.10-2020, section Above 1GHz: a. For above 1GHz, the EU meters above the ground a	12.7.4, 12.7.6, 12.7.7 T was placed on the top of t a 3 meter fully-anechoic c	a rotating table 1.5 hamber. The table wa
est Method:	detector. ANSI C63.10-2020, section Above 1GHz: a. For above 1GHz, the EU meters above the ground a rotated 360 degrees to dete	T 12.7.4, 12.7.6, 12.7.7 T was placed on the top of t a 3 meter fully-anechoic c ermine the position of the hi	a rotating table 1.5 hamber. The table wa
est Method:	detector. ANSI C63.10-2020, section Above 1GHz: a. For above 1GHz, the EU meters above the ground a rotated 360 degrees to dete b. The EUT was set 3 meter	T 12.7.4, 12.7.6, 12.7.7 T was placed on the top of t a 3 meter fully-anechoic c ermine the position of the hi ers away from the interferen	a rotating table 1.5 hamber. The table wa ighest radiation. ice-receiving antenna
est Method:	detector. ANSI C63.10-2020, section Above 1GHz: a. For above 1GHz, the EU meters above the ground a rotated 360 degrees to dete b. The EUT was set 3 mete which was mounted on the	T 12.7.4, 12.7.6, 12.7.7 T was placed on the top of t a 3 meter fully-anechoic c ermine the position of the hi ers away from the interferen top of a variable-height ant	a rotating table 1.5 hamber. The table wa ighest radiation. ice-receiving antenna tenna tower.
est Method:	detector. ANSI C63.10-2020, section Above 1GHz: a. For above 1GHz, the EU meters above the ground a rotated 360 degrees to dete b. The EUT was set 3 mete which was mounted on the c. The antenna height is va	T 12.7.4, 12.7.6, 12.7.7 T was placed on the top of t a 3 meter fully-anechoic c ermine the position of the hi ers away from the interferen top of a variable-height ant ried from one meter to four	a rotating table 1.5 hamber. The table wa ighest radiation. ice-receiving antenna tenna tower. meters above the
est Method:	detector. ANSI C63.10-2020, section Above 1GHz: a. For above 1GHz, the EU meters above the ground a rotated 360 degrees to dete b. The EUT was set 3 meter which was mounted on the c. The antenna height is va ground to determine the material	T 12.7.4, 12.7.6, 12.7.7 T was placed on the top of t a 3 meter fully-anechoic c ermine the position of the hi ers away from the interferen top of a variable-height ant ried from one meter to four aximum value of the field st	a rotating table 1.5 hamber. The table wa ighest radiation. ice-receiving antenna tenna tower. meters above the rength. Both horizont
est Method:	detector. ANSI C63.10-2020, section Above 1GHz: a. For above 1GHz, the EU meters above the ground a rotated 360 degrees to dete b. The EUT was set 3 mete which was mounted on the c. The antenna height is va ground to determine the ma and vertical polarizations of	T was placed on the top of t a 3 meter fully-anechoic c ermine the position of the hi ers away from the interferen top of a variable-height ant ried from one meter to four aximum value of the field st f the antenna are set to ma	a rotating table 1.5 hamber. The table wa ighest radiation. ice-receiving antenna tenna tower. meters above the rength. Both horizont ke the measurement.
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ek Anbotek botek Anbotek Anbotek Anbotek Anbotek Anbote Anbotek Anbote Anbotek Anbotek botek Anbotek	detector. ANSI C63.10-2020, section Above 1GHz: a. For above 1GHz, the EU meters above the ground a rotated 360 degrees to dete b. The EUT was set 3 meter which was mounted on the c. The antenna height is var ground to determine the mar and vertical polarizations of d. For each suspected emist and then the antenna was to test frequency of below 30M and the rotatable table was	T 12.7.4, 12.7.6, 12.7.7 T was placed on the top of t a 3 meter fully-anechoic c ermine the position of the hi ers away from the interferen top of a variable-height ant ried from one meter to four aximum value of the field st f the antenna are set to main ssion, the EUT was arrange tuned to heights from 1 met MHz, the antenna was tune	a rotating table 1.5 hamber. The table wa ighest radiation. ice-receiving antenna tenna tower. meters above the rength. Both horizont ke the measurement. ed to its worst case ter to 4 meters (for the d to heights 1 meter)
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ek Anbotek Anbotek botek Anbotek Anbotek Anbotek Anbotek Anbote Anbotek Anbotek Anbotek Anbotek botek Anbotek	detector. ANSI C63.10-2020, section Above 1GHz: a. For above 1GHz, the EU meters above the ground a rotated 360 degrees to dete b. The EUT was set 3 mete which was mounted on the c. The antenna height is va ground to determine the ma and vertical polarizations of d. For each suspected emis and then the antenna was t test frequency of below 30M and the rotatable table was maximum reading. e. The test-receiver system Bandwidth with Maximum H f. If the emission level of the limit specified, then testing would be re-tested one by o and then reported in a data g. Test the EUT in the lower channel.	T Was placed on the top of t a 3 meter fully-anechoic c ermine the position of the hi ers away from the interferen top of a variable-height ant ried from one meter to four aximum value of the field st f the antenna are set to mai ssion, the EUT was arrange tuned to heights from 1 met VHZ, the antenna was tune turned from 0 degrees to 3 n was set to Peak Detect Fu Hold Mode. e EUT in peak mode was 1 could be stopped and the p se the emissions that did n one using peak or average sheet. st channel, the middle char ents are performed in X, Y,	a rotating table 1.5 hamber. The table wa ighest radiation. ice-receiving antenna tenna tower. meters above the rength. Both horizont ke the measurement. ed to its worst case ter to 4 meters (for the d to heights 1 meter) 360 degrees to find the inction and Specified 0dB lower than the beak values of the EL ot have 10dB margin method as specified anel, the Highest Z axis positioning for

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i. Repeat above procedures until all frequencies measured was complete. Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor 2. Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

4. The disturbance above 18GHz were very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

10.1. EUT Operation

Operating Environment:

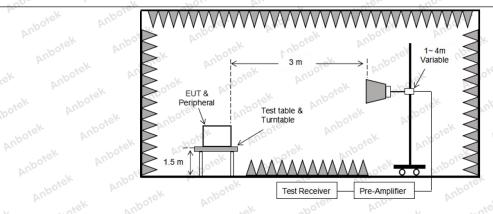
g =	Not he was also be also
otek	1: 802.11a mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11a modulation type. All data rates has been tested and
	found the data rate @ 6Mbps is the worst case. Only the data of worst case is recorded in the report.
	2: 802.11n mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11n modulation type. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of
mode:	worst case is recorded in the report. 3: 802.11ac mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11ac modulation type. All bandwidth and

data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report. 4: 802.11ax mode: Keep the EUT connect to AC power line and works in

4: 802.11ax mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11ax modulation type. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.

10.2. Test Setup

Test m



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10.3. Test Data

Temperature:	24.9 °C	Anbo	Humidity:	56 % prod	Atmospheric Pressure:	101 kPa
VUN	. et	. vo.	Pr.		NUN	ak abo

		TM1 / Ban	d: 5150-525	0 MHz / BW:	20 / CH: L		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
10360.00	31.47	o ^{rek} 23.81 pr ^b	55.28	68.20	-12.92 And	V	po Peak
15540.00	32.79	28.68	61.47	68.20	-6.73	mbo. V	Peak
10360.00	31.84	23.81	55.65	68.20	-12.55	AnboH	Peak
15540.00	32.88	28.68	61.56	68.20	-6.64	,Hoten	Peak
10360.00	20.840	23.81	44.65	54.00	-9.35	V botek	AVG
15540.00	21.914	28.68	50.59	54.00	-3.41	V	AVG NO
10360.00	21.032	23.81	44.84	54.00	ore -9.16 prof	H And	AVG
15540.00	21.566	28.68	50.25	54.00	-3.75	nbotek H Ar	AVG
	•	TM1 / Ban	d: 5150-5250	MHz / BW·	20 / CH· M	l'	20.072

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
10400.00	30.83	23.81	54.64	68.20	-13.56	Kupore	Peak
15600.00	32.32	29.13	61.45	68.20	-6.75	rek V nbot	Peak
10400.00	31.33	23.81 mbo	55.14	68.20	-13.06	Н	o ^{veV} Peak M ⁰
15600.00	32.40	29.13	o ^{ote} 61.53 ^{Mr}	68.20	-6.67	No. H	Peak
10400.00	21.110	23.81	44.92	54.00	-9.08	Anbort	AVG
15600.00	22.034	29.13	51.16	54.00	-2.84	Mon	AVG
10400.00	21.022	23.81	44.83	54.00	-9.17	Hovek	AVG
15600.00	21.646	29.13	50.78	54.00	-3.22	H N	AVG

TM1 / Band: 5150-5250 MHz / BW: 20 / CH: H

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
10480.00	30.40	23.80	54.20	68.20	-14.00	AND Vek	Peak
15720.00	31.80	30.03	61.83	68.20	-6.37	Anbo	Peak
10480.00	30.97	23.80	54.77	68.20	-13.43	Hooter	Peak
15720.00	31.31	30.03	61.34	68.20	-6.86	ex H nbote	Peak
10480.00	19.78	23.80	43.58	54.00	-10.42	V	one th AVG anb ^o
15720.00	20.79	30.03	50.82	54.00	o ^{tex} -3.18 M	V	AVG
10480.00	20.23	23.80	44.03	54.00	-9.97	Anbote H P	AVG
15720.00	20.44	30.03	50.47	54.00	-3.53	nb HK	AVG

Remark:

- 1. Result =Reading + Factor
- 2. Only record the worst data (802.11a) in the report.

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botek **Product Safety**

Α

r	A.A.	-46. VUM			Po, b		AC.
		TM3 / Ban	d: 5725-5850	0 MHz / BW:	40 / CH: L		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
11510.000	28.65	23.36	52.01	68.20	-16.19	PV°	Peak
17265.000	29.24	32.02	61.26	68.20	-6.94	K VAnbore	Peak
11510.000	29.56	23.36	52.92	68.20 mo	-15.28	Nek H nbe	Peak
17265.000	29.47	32.02 M	61.49	68.20	-6.71 And	H	Peak
11510.000	18.38	23.36	41.74 M	54.00	-12.26	N ^{oot} V	AVG
17265.000	18.79	32.02	50.81	54.00	-3.19	Anboy	AVG
11510.000	18.78	23.36	42.14	54.00	-11.86	Hotek	AVG
17265.000	19.28	32.02	51.30	54.00	-2.70	H botek	AVG
	·	TM3 / Ban	d: 5725-5850) MHz / BW:	40 / CH: H	· · · · · · · · · · · · · · · · · · ·	
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
11590.00	28.02	23.43	51.45	68.20	-16.75	V	Peak
17385.00	29.19	32.23	61.42	68.20	-6.78	And V K	Peak
11590.00	28.48	23.43	51.91	68.20	-16.29	Hra H	Peak
17385.00	28.73	32.23	60.96	68.20	-7.24	Hupoter	Peak
11590.00	17.67	23.43	41.10	54.00	-12.90	ek V not	AVG
17385.00	17.80	32.23	50.03	54.00	-3.97 And	V	AVG
11590.00	18.52	23.43	o ^{otet} 41.95 Ant	54.00	-12.05	10010. H PU	AVG
17385.00	18.70	32.23	50.93	54.00	-3.07	h h h h h h	AVG

Remark:

1. Result =Reading + Factor

Only record the worst data (802.11ac(VHT40)) in the report. 2.

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APPENDIX I -- TEST SETUP PHOTOGRAPH

Please refer to separated files Appendix I -- Test Setup Photograph_RF

APPENDIX II -- EXTERNAL PHOTOGRAPH

Please refer to separated files Appendix II -- External Photograph

APPENDIX III -- INTERNAL PHOTOGRAPH

Please refer to separated files Appendix III -- Internal Photograph

----- End of Report ----

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