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Report No.:1813C40012512504 FCC ID: 2ABC5-E0071

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Report FCC Test Anbotek

Applicant

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SHENZHEN ELECTRON TECHNOLOGY CO.,LTD.

Address

Bld.2, Yingfeng Industrial Zone, Tantou Community, Songgang Street, Baoan, Shenzhen, China

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Product Name

Android Tablet

Report Date

Oct. 10, 2024

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Compliance Laboratory Anbote ena Shenzhen Anbotek Compliance Laboratory Limited * Approved *

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Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Fechnology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China, 💉 Tel:(86)0755-26066440 Email:service@anbotek.com







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Applicant

Manufacturer

Product Name

Report No.:1813C40012512504 FCC ID: 2ABC5-E0071

TEST REPORT

SHENZHEN ELECTRON TECHNOLOGY CO.,LTD

SHENZHEN ELECTRON TECHNOLOGY CO., LTD.

Android Tablet

WT1013T

 N/Δ

Trade Mark

Rating(s)

Model No.

Input: 12V-1.5A

Test Standard(s)

47 CFR Part 15E ANSI C63.10-2020 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:

Aug. 05, 2024

Aug. 05, 2024 to Aug. 30, 2024

Nian Xiu Chen

(Nianxiu Chen)

(Kingkong Jin)

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Approved & Authorized Signer:



Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Fechnology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China, 💥 Tel:(86)0755-26066440 Email: service@anbotek.com







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	Description	Issued Date
Report Version R00	Original Issue.	Oct. 10, 2024
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1. General Information

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1.1. Client Information

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

1.2. Description of Device (EUT)

ale. Ans		All hold the hold here hol
Product Name	:	Android Tablet
Model No.	:	WT1013T WT1013T WT1013T WT1013T
Trade Mark	:	N/A Anote Anote Anote Anote Anote Anote Anote
Test Power Supply	:	AC 120V/60Hz for Adapter
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	MODEL: FJ-SW126G1201500U INPUT: 100-240V~50/60Hz 0.6A Max OUTPUT: 12V
RF Specification		
		802.11a/n(HT20)/ac(VHT20):
		802.11a/h(H120)/ac(VH120): U-NII Band 1: 5180MHz to 5240MHz; U-NII Band 3: 5745MHz to 5825MHz;
		802.11n(HT40)/ac(VHT40):
Operation Frequency	:	
		Anbo hotek Anbor An tek hoten Ano
		802.11a/n(HT20)/ac(VHT20):
		U-NII Band 3: 5;
		802 11p/HT40)/2c/V/HT40)
Number of Channel	:	U-NII Band 1: 2;
		A THI DUNC OF L, OVER AND VER NOO
		802.11ac(VH180):
		U-NII Band 1: 1; U-NII Band 3: 1

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Hotline 400-003-0500 www.anbotek.com





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- NUN		All North All North All
Modulation Type	•	802.11a: OFDM(BPSK, QPSK, 16QAM, 64QAM); 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM)
Device Type	:	Client Devices
DFS Type	:	Slave without radar detection
Antenna Type	:	FPC Antenna Ante Antoriek Antoriek Antoriek Antoriek
Antenna Gain(Peak)	:	WiFi 5.2G: 2.76dBi WiFi 5.8G: 2.96dBi
Remark:	hote'	K Anbor A. atek Anbote. Ann sak abotek

(1) All of the RF specification are provided by customer.

(2) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

1.3. Auxiliary Equipment Used During Test

	Title		N	lanufacturer			Model No.		Serial N	No.
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1.4. Operation channel list

Operation Band: U-NII Band 1

Bandwidth:	hotek 20MHz Anbor	Bandwidth:	40MHz	Bandwidth:	80MHz
Channel	Frequency (MHz)	Channel Mo	Frequency (MHz)	Channel	Frequency (MHz)
ex 36,00 ^{tex}	5180	38	5190	botek 42 Aubote	5210
otek 40 Anbotek	5200	46 ek	5230	abotek Ant	oter / Ano
ne wolek 44 Anb	5220	ek / nbotek	Anboro	All	Anboter And
48	nbolek 5240 Anbo	tek I anbotek	Xupord work	An	Anboter An

Operation Band: U-NII Band 3

operation Bana.	e nin Bana e	- 00		in the	10.
Bandwidth:	20MHz	Bandwidth:	40MHz	Bandwidth:	80MHz
Channel voite	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Antotek 149 Ant	5745	151. ^{nboto}	5755	155	5775
153	5765	nbotek 159 Anbot	5795	Avoiter	And
157	5785	Anbotek An	pore / Arm	tek Anboten	And
tek 161 nbotek	5805	nb xek	Anboro Am	botek Anbot	And And
Latek 165 Anbolt	5825	nbotek	Anbore	hoteW Ar	poter And
AND	tothe short	Pr. V	010	VIII	194

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Hotline 400-003-0500 www.anbotek.com



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nbotel 1.5. Description of Test Modes

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Pretest Modes	Descriptions
nbotek Anbotek Anbote TM1k Anbotek Anbote	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.
Anbotek Anbote A Anbotek TM2 Anbotek	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.
Anbotek Anbotek Anbotek	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.
TM4 1.6. Measurement Uncer	Keep the EUT works in normal operating mode and connect to companion device

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1.6. Measurement Uncertainty

Conducted emissions (AMN 150kHz~30MHz)	3.4dB And tek haborek Anbor
Occupied Bandwidth	925Hz
Conducted Output Power	0.76dB
Power Spectral Density	0.76dB Ander Ander Ander
Conducted Spurious Emission	1.24dB
Radiated spurious emissions (above 1GHz)	1G-6GHz: 4.78dB; 6G-18GHz: 4.88dB 18G-40GHz: 5.68dB
Radiated emissions (Below 30MHz)	3.53dB hotek Anbolek Anbo
Radiated spurious emissions (30MHz~1GHz)	Horizontal: 3.92dB; Vertical: 4.52dB

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level using a coverage factor of k=2.

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1.7. Test Summary

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Product Safety

Test Items	Test Modes	Status
Conducted Emission at AC power line	Mode1,2,3	Anbo P
Duty Cycle hotek Anborer And abotek Anborer	Mode1,2,3	P ^{nbote}
Emission bandwidth and occupied bandwidth	Mode1,2,3	ek P Aup
Maximum conducted output power	Mode1,2,3	p ^{otek} P
Power spectral density	Mode1,2,3	AnboteP
Band edge emissions (Conducted)	Mode1,2,3	Antek
Band edge emissions (Radiated)	Mode1,2,3	PAnbote
Undesirable emission limits (below 1GHz)	Mode1,2,3	Ker P Ant
Undesirable emission limits (above 1GHz)	Mode1,2,3	otek P
Note: botek Andore Andore Andore Andore	tek nboten A	no

P: Pass

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N: N/A, not applicable

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. Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.

Shenzhen Anbotek Compliance Laboratory Limited

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1.9. Disclaimer

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- 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.

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- 3. The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.
- 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.
- 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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Report No.:1813C40012512504 Anbotek FCC ID: 2ABC5-E0071 Anbote

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1.10. Test Equipment List

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Conc	lucted Emission at A	C power line	Anbote	Ann	Anbotek	Anbo
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1ek	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	2024-01-18	2025-01-17
200	Three Phase V- type Artificial Power Network	CYBERTEK	EM5040DT	E215040D T001	2024-01-17	2025-01-16
3 🎙	Software Name EZ-EMC	Farad Technology	ANB-03A	N/A	And	ANDYEEK
4	EMI Test Receiver	Rohde & Schwarz	ESPI3	100926	2023-10-12	2024-10-11

Duty Cycle

Anbotek Emission bandwidth and occupied bandwidth

Maximum conducted output power

Power spectral density

Band	edge emissions (Co	pnducted)	P.	boler.	Ano	10K
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
borek	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ- KHWS80B	And K N/A Ando	2023-10-16	2024-10-15
An2	DC Power Supply	IVYTECH	IV3605	1804D360 510	2023-10-20	2024-10-19
34110	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102150	2024-05-06	2025-05-05
, _e 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 te	MXG RF Vector Signal Generator	Anbou Agilent	^{w*} N5182A ^{%00}	MY474206 47	2024-02-04	2025-02-03
P.,	le.	Vur	191	00	- X-	NOL A

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Anbotek Report No.:1813C40012512504 Anbotek FCC ID: 2ABC5-E0071 Anbote

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	l edge emissions (Ra sirable emission limi		Inpoten A	nu	Anbotek	Anbo
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
,e×1	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22
nb 2°K	EMI Preamplifier	SKET Electronic	LNPA- 0118G-45	SKET-PA- 002	2024-01-17	2025-01-16
3,bo	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	2022-10-16	2025-10-15
4 p	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	Anbole.	Annanbotek
5	Horn Antenna	A-INFO	LB-180400- KF	J21106062 8	2023-10-12	2024-10-11
6 6	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102150	2024-05-06	2025-05-05
nbor 7	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2024-05-07	2025-05-06
VUN	k hotek	Anbo	-tek	Anbore	A	aboten

potek	Unde	sirable emission limi	its (below 1GHz)	Anbo	Anbotek	Anbor	A	And
abote	^L Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date	1
Pr.	over	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22	*
<i>V</i>	2,10	Pre-amplifier	SONOMA	310N ^{m000}	186860	2024-01-17	2025-01-16	otek
}k	3 Anb	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	2022-10-23	2025-10-22	Anbote
potek	4	Loop Antenna (9K- 30M)	Schwarzbeck	FMZB1519 B	00053	2023-10-12	2024-10-11	Ant
Anbot	[≫] 5	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A.botek	Aupore	ek Anbotek	
P.C	botek	Anbo	Anbotek Anbote.	Atter	rek Anb	oter Ano	botek Anbot	ek.
	sbote	K Anbo	hotek Anbe	De An	18K	nboten Ar	41 41	botek

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Report No.:1813C40012512504 Anbotek FCC ID: 2ABC5-E0071

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'upotel 2. Conducted Emission at AC power line

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Test Requirement:	47 CFR Part 15.207(a)	An otek Anbote	And And
tek r	Frequency of emission (MHz)	Conducted limit (dBµV)	otek Anbor
otek Anbo	atek Anbore An	Quasi-peak	Average
+ where a poler	0.15-0.5	66 to 56*	56 to 46*
Test Limit:	0.5-5 010 0.5	56 Ano	46
Lotek Anbor	5-30 ter A	60 Motel	50×100
And tek nbote	*Decreases with the logarithm of the	ne frequency.	Anboten
Test Method:	ANSI C63.10-2020 section 6.2	nbotek Anbo	k hotek

2.1. EUT Operation

Operating Envir	ronment:	Anbo	botek	Anbore	Am	Anboten
Anbotek Anb	1: 802.11a mode: K transmitting mode v found the data rate recorded in the repo	vith 802.11a mod @ 6Mbps is the v	ulation type. /	All data rates	has been teste	d and
Anboten	2: 802.11n mode: K	76. A.M.	nect to AC po	ower line and	l works in contin	uously
Test mode:	transmitting mode v been tested and fou	vith 802.11n mod	ulation type.	All bandwidth	n and data rates	has
ootek Anbote	worst case is record 3: 802.11ac mode:			ower line on	Anbor	A. botek
Anbotek Ant	continuously transn data rates has beer	nitting mode with n tested and found	802.11ac mo d the data rat	dulation type	. All bandwidth	
Anbore.	the data of worst ca	ise is recorded in	the report.	iek Anb	or pr	stek and
2.2. Test Setu	up Andor Al	nbotek Anbot	An.	botek	Anbotek Ant	volek

2.2. Test Setup

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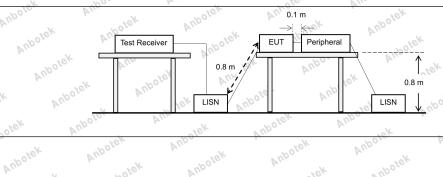
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Report No.:1813C40012512504 FCC ID: 2ABC5-E0071

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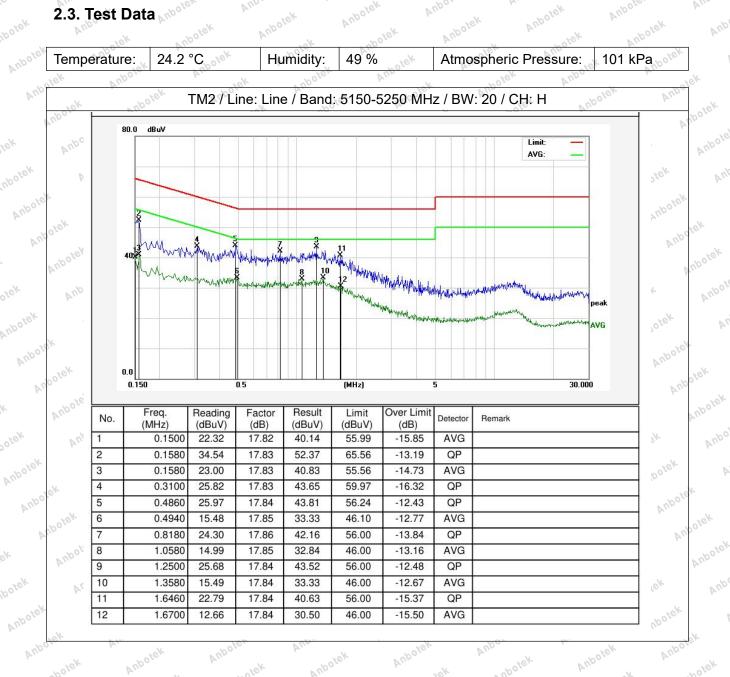
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2.3. Test Data



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	0.0			0.5	alven dai Parana	(MHz)	and the second second second	nghilipinggangala managananan 5	geter og help the g	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	peak ^{**} AVG	1018K
	0.150	1		0.5		(MHz)		et a ling and a second	n for an	and the second sec	peak ^{**} AVG	1018K
	0.150) Freq.	Reading	0.5 Factor	Result	(MHz) Limit	Over Limit	et a ling and a second	Remark	and the second sec	peak ^{**} AVG	Anborek
No	0.150	1		0.5		(MHz)		ումել տորառո 5		and the second sec	peak ^{**} AVG	1018K
	0.150	Freq. MHz)	Reading (dBuV)	0.5 Factor (dB)	Result (dBuV)	(MHz) Limit (dBuV)	Over Limit (dB)	betector		and the second sec	peak ^{**} AVG	Anborek
1	0.150	Freq. MHz) 0.1539	Reading (dBuV) 31.95	0.5 Factor (dB) 17.83	Result (dBuV) 49.78	(MHz) Limit (dBuV) 65.78	Over Limit (dB) -16.00	Detector		and the second sec	peak ^{**} AVG	K Jorek Anbore Ant
No. 1 2	0.150	Freq. MHz) 0.1539 0.1539	Reading (dBuV) 31.95 22.02	0.5 Factor (dB) 17.83 17.83	Result (dBuV) 49.78 39.85	(MHz) Limit (dBuV) 65.78 55.78	Over Limit (dB) -16.00 -15.93	Detector QP AVG		and the second sec	peak ^{**} AVG	Anborek
No.	0.150	Freq. MHz) 0.1539 0.1539 0.2660	Reading (dBuV) 31.95 22.02 27.03	0.5 Factor (dB) 17.83 17.83 17.83	Result (dBuV) 49.78 39.85 44.86	(MHz) (MHz) Limit (dBuV) 65.78 55.78 61.24	Over Limit (dB) -16.00 -15.93 -16.38	Detector QP AVG QP		and the second sec	peak ^{**} AVG	k Jotek Anbote Ant
No. 1 2 3 4	0.150	Freq. MHz) 0.1539 0.2660 0.4580	Reading (dBuV) 31.95 22.02 27.03 26.11	0.5 Factor (dB) 17.83 17.83 17.83 17.83	Result (dBuV) 49.78 39.85 44.86 43.94	(MHz) (MHz) Limit (dBuV) 65.78 55.78 61.24 56.73	Over Limit (dB) -16.00 -15.93 -16.38 -12.79	Detector QP AVG QP QP		and the second sec	peak ^{**} AVG	k Jotek Anbote Ant
No. 1 2 3 4 5	0.150	Freq. MHz) 0.1539 0.2660 0.4580 0.4940	Reading (dBuV) 31.95 22.02 27.03 26.11 14.80 25.82	50.5 Factor (dB) 17.83 17.83 17.83 17.83 17.83 17.85 17.86	Result (dBuV) 49.78 39.85 44.86 43.94 32.65	(MHz) Limit (dBuV) 65.78 55.78 61.24 56.73 46.10	Over Limit (dB) -16.00 -15.93 -16.38 -12.79 -13.45 -12.32	Detector QP QP QP QP AVG		and the second sec	peak ^{**} AVG	k Jotek Anbote Ant Jotek
No. 1 2 3 4 5 6	0.150	Freq. MHz) 0.1539 0.2660 0.4580 0.4940 0.5780 0.8900	Reading (dBuV) 31.95 22.02 27.03 26.11 14.80 25.82 24.32	0.5 Factor (dB) 17.83 17.83 17.83 17.83 17.83 17.85 17.86 17.86	Result (dBuV) 49.78 39.85 44.86 43.94 32.65 43.68 42.18	(MHz) (MHz) Limit (dBuV) 65.78 55.78 61.24 56.73 46.10 56.00 56.00	Over Limit (dB) -16.00 -15.93 -16.38 -12.79 -13.45 -12.32 -13.82	Detector QP AVG QP AVG QP AVG QP		and the second sec	peak ^{**} AVG	k Jotek Anbote Ant Jotek
No. 1 2 3 4 5 6 7	0.150	Freq. MHz) 0.1539 0.2660 0.4580 0.4940 0.5780	Reading (dBuV) 31.95 22.02 27.03 26.11 14.80 25.82	50.5 Factor (dB) 17.83 17.83 17.83 17.83 17.83 17.85 17.86	Result (dBuV) 49.78 39.85 44.86 43.94 32.65 43.68	(MHz) Limit (dBuV) 65.78 55.78 61.24 56.73 46.10 56.00 56.00 46.00	Over Limit (dB) -16.00 -15.93 -16.38 -12.79 -13.45 -12.32 -13.82 -13.16	Detector QP AVG QP AVG QP QP AVG QP		and the second sec	peak ^{**} AVG	k Jotek Anbote Ant
No 1 2 3 4 5 6 7 8 9 10	0.150	Freq. MHz) 0.1539 0.2660 0.4580 0.4580 0.4940 0.5780 0.8900 1.2140 1.3700	Reading (dBuV) 31.95 22.02 27.03 26.11 14.80 25.82 24.32 15.00 24.66	05 Factor (dB) 17.83 17.83 17.83 17.83 17.83 17.85 17.86 17.86 17.86 17.84 17.84	Result (dBuV) 49.78 39.85 44.86 43.94 32.65 43.68 42.18 32.84 42.50	(MHz) (MHz) Limit (dBuV) 65.78 55.78 61.24 56.73 46.10 56.00 56.00 56.00 46.00 56.00	Over Limit (dB) -16.00 -15.93 -16.38 -12.79 -13.45 -12.32 -13.82 -13.16 -13.50	Detector QP AVG QP AVG QP AVG QP AVG QP AVG QP		and the second sec	peak ^{**} AVG	k Jotek Anbote Ant Jotek
No. 1 2 3 4 5 6 7 8 9	0.150	Freq. MHz) 0.1539 0.2660 0.4580 0.4580 0.4940 0.5780 0.8900 1.2140	Reading (dBuV) 31.95 22.02 27.03 26.11 14.80 25.82 24.32 24.32 15.00	5. Factor (dB) 17.83 17.83 17.83 17.83 17.83 17.85 17.86 17.86 17.86	Result (dBuV) 49.78 39.85 44.86 43.94 32.65 43.68 42.18 32.84	(MHz) Limit (dBuV) 65.78 55.78 61.24 56.73 46.10 56.00 56.00 46.00	Over Limit (dB) -16.00 -15.93 -16.38 -12.79 -13.45 -12.32 -13.82 -13.16	Detector QP AVG QP AVG QP AVG QP AVG QP AVG		and the second sec	peak ^{**} AVG	k Jotek Anbote Ant Jk Jootek Anbot

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Note:Only record the worst data in the report. Anbote Anbotet DUX

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3. Duty Cycle

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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 Anto	 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.
Anbotek Anbotek Anbotek Anbotek	 iv) Set detector = peak. 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.
3.1. EUT Operation	Lek poliek Anbor An polek Anbolen Ann

3.1. EUT Operation

Operating Envir	conment: botek Anbolek Anbolek Anbolek Anbolek Anbo
potek Anbore	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
Anbotek Ant	found the data rate @ 6Mbps is the worst case. Only the data of worst case is recorded in the report.
Test mode:	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
ek Anbols	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
hoot An	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.

3.2. Test Setup

		LOK	VUpo.			A.C.	12 V V	
,botek	.eK	Anborotek	P	EUT		Spectrum A	nalyzer	An
Anbe	tek.	A. nbotek	An		botek	Anbu	F**	. otek

3.3. Test Data

3.3. Test Dat	avo	hotek	Anbore	Am	Anboten	AUD
Temperature:	25.3 °C	Humid	dity: 49 %	Atmosphe	ric Pressure:	101 kPa
Pur	1er	NND5	As.	2001	P	"ofer

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Anbotek Please Refer to Appendix for Details.

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4. Emission bar	ndwidth and occupied bandwidth
- nbotek Ant	U-NII 1, U-NII 2A, U-NII 2C: No limits, only for report use.
Test Requirement:	Motore Alle Aller D. Motore (D. Aller Aller
tek Anbo	U-NII 3, U-NII 4: 47 CFR Part 15.407(e)
tek nbotek	U-NII 1, U-NII 2A, U-NII 2C: No limits, only for report use.
Test Limit:	anboten And ok spotek Ando
hotek Anbo	U-NII 3, U-NII 4: Within the 5.725-5.850 GHz and 5.850-5.895 GHz bands,
Ann	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
Aun	Emission bandwidth:
otek Anbors	a) Set RBW = approximately 1% of the emission bandwidth.
k hotek	b) Set the VBW > RBW.
hoter And	c) Detector = peak
hotek Anbore.	d) Trace mode = max hold.
Ano	e) Measure the maximum width of the emission that is 26 dB down from the peak of the emission.
And And	Compare this with the RBW setting of the instrument. Readjust RBW and
r stek A	repeat measurement
Anbo	as needed until the RBW/EBW ratio is approximately 1%.
tek haboten	And ok botek Anbor And Anbore An
por h stek	Occupied bandwidth:
abotek Anbo	a) The instrument center frequency is set to the nominal EUT channel center
All tek nboten	frequency. The
Anbore Ar.	frequency span for the spectrum analyzer shall be between 1.5 times and
botek Anb	5.0 times the OBW.
Alle	b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW,
ek Aupore I	and VBW shall be approximately three times the RBW, unless otherwise
K hotek	specified by the
Procedure:	applicable requirement.
otek Anbore	c) Set the reference level of the instrument as required, keeping the signal
And k hotel	from exceeding the
Anboten And	maximum input mixer level for linear operation. In general, the peak of the
h atek Ant	spectral envelope
Ano	shall be more than [10 log (OBW/RBW)] below the reference level. Specific
rek anboter	guidance is given
P. stek	 in 4.1.5.2. d) Step a) through step c) might require iteration to adjust within the
abotek Anbu	specified range.
tek nbotek	e) Video averaging is not permitted. Where practical, a sample detection and
Anbor	single sweep mode
abotek Anbo.	shall be used. Otherwise, peak detection and max hold mode (until the trace
Alle	stabilizes) shall be
Anbors An	used. hoter And the hotek Andor A
k hotek	f) Use the 99% power bandwidth function of the instrument (if available) and
oter Anv	report the measured
atek Anboter	bandwidth.
Anbu	g) If the instrument does not have a 99% power bandwidth function, then the
abotek Anbo	trace data points are recovered and directly summed in linear power terms. The recovered

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amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies. h) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s). 6 dB emission bandwidth: a) Set RBW = 100 kHz. b) Set the video bandwidth (VBW) ≥ 3 >= RBW c) Detector = Peak. d) Trace mode = max hold. e) Sweep = auto couple. f) Allow the trace to stabilize.

g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

4.1. EUT Operation

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Operating Environment:

operating Erri	and the second s
tek 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
nbotek Anbot	found the data rate @ 6Mbps is the worst case. Only the data of worst case is recorded in the report.
Test mode:	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
Anbotek	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
ster 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

į.	And	Anbotek	EUT	Spectru	ım Analyzer	Abotek botek	Anboten	A
otel	4.3. Test Data	Anbote	bu.	tek nbol	Aup.	Ant botek	Anborek	

Temperature: 25	.3 °C	Humidity: 49	Atmospheric Pressure:	101 kPa
1000 P.		KUP	 10k	

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5. Maximum conducted output power

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5. Maximum con	ducted output power
Test Requirement:	47 CFR Part 15.407(a)(1)(iv) 47 CFR Part 15.407(a)(3)(i)
tek Anboles h hotek Anboles Anboles h Anbolek Anbolek Anbole	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.
Test Method:	ANSI C63.10-2020, section 12.4
Procedure:	Refer to ANSI C63.10-2020 section 12.4

5.1. EUT Operation

te Dr.	1: 802.11a mode: Keep the EUT connect to AC power line and works in continuously
Lotek P	transmitting mode with 802.11a modulation type. All data rates has been tested and
n	found the data rate @ 6Mbps is the worst case. Only the data of worst case is
Anbore	recorded in the report.
. Jek	2: 802.11n mode: Keep the EUT connect to AC power line and works in continuously
st mode:	transmitting mode with 802.11n modulation type. All bandwidth and data rates has
St mode.	been tested and found the data rate @ MCS0 is the worst case. Only the data of
bu.	worst case is recorded in the report.
ek anb	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
botek	data rates has been tested and found the data rate @ MCS0 is the worst case. Only
V.	the data of worst case is recorded in the report.

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5.3. Test Data

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5.3. Test Dat	anotek	Anbotek	Anbotek	Anbotek	Anbotek Ar	Anbotek	P
Temperature:	25.3 °C	Humi	idity: 49 %	Atmosp	heric Pressure:	101 kPa	
Please Refer to	o Appendix 1	for Details.	otek Anbot	ek Anboten	Ans Anbotek	Anbot	ek botek

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6. Power spectra Test Requirement:	al density 47 CFR Part 15.407(a)(1)(iv) 47 CFR Part 15.407(a)(3)(i)
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	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. 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
hk Anbor A potek Anbotek	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

6.1. EUT Operation

Operating Environr	nent:	Anborer	And	nbotek	Anbo	h hotek
Test mode: 3: co da	802.11a mode: nsmitting mode und the data rate corded in the re 802.11n mode: nsmitting mode en tested and for orst case is reco 802.11ac mode ntinuously trans ta rates has bee e data of worst of	with 802.11a e @ 6Mbps is port. Keep the EU with 802.11n ound the data orded in the re Keep the EL smitting mode en tested and	modulation ty the worst cas Connect to A modulation ty rate @ MCS(port. JT connect to with 802.11ac found the dat	vpe. All data ra se. Only the d C power line vpe. All bandw is the worst AC power line c modulation t a rate @ MCS	ates has been t ata of worst cas and works in co vidth and data r case. Only the e and works in type. All bandwi	ested and se is ontinuously ates has data of idth and

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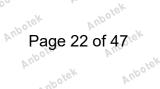
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Yek.	Anbotek	P			opoolianii) inai	,
	tek.	N. 1	po. w.	. A	abore.	b

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6.3. Test Data

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6.3. Test Dat	anootek	Anbotek Anb	or A.	Anbolek Ar	bote. An	Anbotek	P
Temperature:	25.3 °C	Humidity:	49 %	Atmosphe	ric Pressure:	101 kPa	
Please Refer to	Appendix 1	for Details.	A. Anbotek	Anboten	Anu	Anbore	.kek

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Test

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	missions (Conduc	rek nboi	er Ano	logo de tra
luirement:	47 CFR Part 15.407(b 47 CFR Part 15.407(b 47 CFR Part 15.407(b)(4) tek	ibotek Anbor	botek Ant
Anbolek	For transmitters opera of the 5.15-5.35 GHz I	ting in the 5.15-5.25		
Anbolt ek Anbol botek A	For transmitters opera All emissions shall be above or below the ba above or below the ba	limited to a level of - nd edge increasing li	27 dBm/MHz at ⁻ nearly to 10 dBm	75 MHz or moi n/MHz at 25 M
Anbotek	edge increasing linear below the band edge, increasing linearly to a	ly to a level of 15.6 d and from 5 MHz abo	Bm/MHz at 5 MH ve or below the b	Iz above or and edge
And	MHz.ooter And	MHz	MHz	GHz
Anbore	0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
tek Anbe	10.495-0.505	16.69475- 16.69525	608-614	5.35-5.46
nbotek l	2.1735-2.1905	16.80425- 16.80475	960-1240	7.25-7.75
-otek	4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
And	4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
Anboten	4.20725-4.20775	73-74.6 Model	1645.5- 1646.5	9.3-9.5
Anbo	6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
otek Ant	6.26775-6.26825	108-121.94	1718.8- 1722.2	13.25-13.4
it: tek	6.31175-6.31225	123-138	2200-2300	14.47-14.5
AUD	8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
Anbotek	8.362-8.366	156.52475- 156.52525	2483.5-2500	17.7-21.4
Anbort	8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
e	8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
K Anbor	12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
	NOT TO A STATE OF TO A STATE	240-285	3345.8-3358	36.43-36.5
Jek La	12.51975-12.52025	240-265	3343.0-3330	00.40-00.0
otek An	12.51975-12.52025 12.57675-12.57725	322-335.4	3600-4400	(²)

7. B

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.

Except as provided elsewhere in this subpart, the emissions from an

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nbo	abotek Anbore	An otek Anbote	And tek hootek	Anbo
Anbore	Antotek Anbotek	intentional radiator shall following table:	not exceed the field strength le	vels specified in the
And	Anbotek Anbo	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance
Pr.	tek Anboten I	ine tek nbotek	(microvoits/meter)	(meters)
oter And	ok obotek	0.009-0.490	2400/F(kHz)	300
hotek	Anbore An	0.490-1.705	24000/F(kHz)	30
And	abotek Anbo	1.705-30.0	30 AND 400 ##	30 Anbo
Anbore	Al. tek habote	30-88 88-216	100 ** 150 **	otek 3 Anbotek
botek	Anbor	216-960	200 **	3
Ann	k nbotek Ant	Above 960	500	Anbola Anb
K Anbors	An	in Q	paragraph (g), fundamental em	100 Mar
la Ha	otek Anbo		ating under this section shall n	
DOLO DI	stek Anboten		/Hz, 76-88 MHz, 174-216 MHz	
abotek	Anbo, k hotek		n these frequency bands is per	mitted under other
Am	Anboten Ano	sections of this part, e.g.		Alle
Anbo	h hotek Anbolt		ove, the tighter limit applies at t n in the above table are based	
A Rboten	And	201	si-peak detector except for the	
	ek Anbore An		d above 1000 MHz. Radiated e	
SK AUDS	ak abolek		ased on measurements employ	
atek Ar	pote. An-	detector.	bolek Anbor	A. tek And
lo .	Test Method:	ANSI C63.10-2020, secti	on 12.7.4, 12.7.6, 12.7.7	Anbo
Anbois	Ar. arboter	Above 1GHz:	stek Anbo	ek Anboro
nbotek	Anbor		EUT was placed on the top of a	
An	Anboten Ano		l at a 3 meter fully-anechoic ch	
Anbo	v solek A		etermine the position of the hig eters away from the interferenc	
rek Anbo	ien Ano		he top of a variable-height ante	
· • •	Lotek Anbore		varied from one meter to four r	
nboten A	np ok obotek	ground to determine the	maximum value of the field stre	ength. Both horizontal
-otek	Anbore An-		of the antenna are set to make	
Anv	abotek Anbor		mission, the EUT was arranged a tuned to beights from 1 moto	
Anbore.	All tok not		s tuned to heights from 1 mete 30MHz, the antenna was tuned	
botek	Anbor		as turned from 0 degrees to 36	
Vu	Procedure:	maximum reading.	Anbor Anotek	Anbore All
stek Anb	allek	N V	em was set to Peak Detect Fun	ction and Specified
lek.	nboten Ano	Bandwidth with Maximun		dD lower than the
Aupor	hotek Anboten		the EUT in peak mode was 10 ng could be stopped and the pe	
nbotek	And k note		wise the emissions that did no	
P. Alek	Anbote. And	201	y one using peak or average m	
AUDA	dan Mar	and then reported in a da	ata sheet.	botek Anbu
1	10° NO.		waat ahannal, tha middle ahann	
K Anbote	Anbo . A.	g. Test the EUT in the low	vest channel, the middle chann	el, the Highest
K Anbole	otek Andotek	channel.	Anbor A. stek	Anboten And
otek Anto	otek Anbotek	channel. h. The radiation measure	ements are performed in X, Y, Z	axis positioning for
anbotek Ant	otek Anborek Anborek Anborek	channel. h. The radiation measure Transmitting mode, and f	Anbor A. stek	axis positioning for
Anbotek Ant	Anbo ¹ Anbotek Anbotek Anbotek Anbotek Anbotek	channel. h. The radiation measure Transmitting mode, and f case.	ements are performed in X, Y, Z	axis positioning for ich it is the worst
Anbotek Anbotek Anbotek	Anbor Anborek Anborek Anborek Anborek Anborek Anborek	channel. h. The radiation measure Transmitting mode, and f case.	ements are performed in X, Y, Z found the X axis positioning wh	axis positioning for ich it is the worst
Anbotek Anbotek Anbotek Anbotek	Anbolek Anbolek Anbolek Anbolek Anbolek Anbolek Anbolek Compliance	channel. h. The radiation measure Transmitting mode, and f case. i. Repeat above procedu Remark:	ements are performed in X, Y, Z found the X axis positioning wh	axis positioning for ich it is the worst

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Hotline 5 400-003-0500 www.anbotek.com AND



Report No.:1813C40012512504 FCC ID: 2ABC5-E0071

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

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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.

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.

7.2. Test Setup

Test mode:

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-	EUT	Spectrum Analyzer
0	k voter	And

7.3. Test Data

Temperature:25.3 °CHumidity:49 %	Atmospheric Pressure: 101 kPa
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Please Refer to Appendix for Details.

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8. Band edge emissions (Radiated) Test Requirement: 47 CFR Part 15.407(b)(1) 47 CFR Part 15.407(b)(10) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz. For transmitters operating solely in the 5.725-5.850 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MH above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge. MHz MHz MHz
 47 CFR Part 15.407(b)(10) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz. For transmitters operating solely in the 5.725-5.850 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MH. above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
 47 CFR Part 15.407(b)(10) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz. For transmitters operating solely in the 5.725-5.850 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MH. above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
 47 CFR Part 15.407(b)(10) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz. For transmitters operating solely in the 5.725-5.850 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MH. above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz. For transmitters operating solely in the 5.725-5.850 GHz band: All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MH above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MH above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MH above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
above or below the band edge increasing linearly to 10 dBm/MHz at 25 MH above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
increasing linearly to a level of 27 dBm/MHz at the band edge.
MHz MHz GHz
0.090-0.110 16.42-16.423 399.9-410 4.5-5.15
¹ 0.495-0.505 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
4.17725-4.17775 37.5-38.25 1435-1626.5 9.0-9.2
4.20725-4.20775 73-74.6 1645.5- 9.3-9.5 1646.5
6.215-6.218 74.8-75.2 1660-1710 10.6-12.7
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
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
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)

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

² Above 38.6

13.36-13.41

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.

Except as provided elsewhere in this subpart, the emissions from an

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nbo	abotek Anbore	An otek Anbote	And tek hootek	Anbo
Anbore	Antotek Anbotek	intentional radiator shall following table:	not exceed the field strength le	vels specified in the
And	Anbotek Anbr	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance
Pr.	tek Anboten I	ine tek nbotek	(microvoits/meter)	(meters)
oter And	ok obotek	0.009-0.490	2400/F(kHz)	300
hotek	Anbore An	0.490-1.705	24000/F(kHz)	30
And	abotek Anbo	1.705-30.0	30 AND 400 ##	30 Anbo
Anbore	Al. tek habote	30-88 88-216	100 **	otek 3 Anbotek
botek	Anbor	216-960	200 **	3
Ann	k nbotek Ant	Above 960	500	Anbola Anb
K Anbors	An	in Q	paragraph (g), fundamental em	100 Mar
to Ho	otek Anbo		ating under this section shall n	
DOLO DI	stek Anboten		/Hz, 76-88 MHz, 174-216 MHz	
abotek	Anbo, k hotek		n these frequency bands is per	mitted under other
Am	Anboten Ano	sections of this part, e.g.		Alle
Anbo	h hotek Anbolt		ove, the tighter limit applies at t n in the above table are based	
A Rboten	And	201	si-peak detector except for the	
	ek Anbore An		d above 1000 MHz. Radiated e	
SK AUDS	ak abolek		ased on measurements employ	
atek Ar	pote. An-	detector.	bolek Anbor	A. tek And
lo .	Test Method:	ANSI C63.10-2020, secti	on 12.7.4, 12.7.6, 12.7.7	Anbo
Anbois	Ar. arboter	Above 1GHz:	stek Anbo	ek Anboro
nbotek	Anbor		EUT was placed on the top of a	
An	Anboten Ano		l at a 3 meter fully-anechoic ch	
Anbo	v solek A		etermine the position of the hig eters away from the interferenc	
rek Anbo	ien Ano		he top of a variable-height ante	
· • •	Lotek Anbore		varied from one meter to four r	
nboten A	np ok obolek	ground to determine the	maximum value of the field stre	ength. Both horizontal
-otek	Anbore An-		of the antenna are set to make	
Anv	abotek Anbor		mission, the EUT was arranged a tuned to beights from 1 moto	
Anbore.	All tok not		s tuned to heights from 1 mete 30MHz, the antenna was tuned	
botek	Anbor		as turned from 0 degrees to 36	
Vu	Procedure:	maximum reading.	Anbor Anotek	Anbore All
stek Anb	allek	N V	em was set to Peak Detect Fun	ction and Specified
lek.	nboten Ano	Bandwidth with Maximun		dD lower than the
Aupor	hotek Anboten		the EUT in peak mode was 10 ng could be stopped and the pe	
nbotek	And k note		wise the emissions that did no	
P. Alek	Anbote. And	201	y one using peak or average m	
AUDA	dan Mar	and then reported in a da	ata sheet.	botek Anbu
1	10° NO.		waat ahannal, tha middle ahann	
K Anbote	Anbo . A.	g. Test the EUT in the low	vest channel, the middle chann	el, the Highest
K Anbole	otek Andotek	channel.	Anbor A. stek	Anboten And
otek Anto	otek Anbotek	channel. h. The radiation measure	ements are performed in X, Y, Z	axis positioning for
anbotek Ant	otek Anborek Anborek Anborek	channel. h. The radiation measure Transmitting mode, and f	Anbor A. stek	axis positioning for
Anbotek Ant	Anbo ¹ Anbotek Anbotek Anbotek Anbotek Anbotek	channel. h. The radiation measure Transmitting mode, and f case.	ements are performed in X, Y, Z	axis positioning for ich it is the worst
Anbotek Anbotek Anbotek	Anbor Anborek Anborek Anborek Anborek Anborek Anborek	channel. h. The radiation measure Transmitting mode, and f case.	ements are performed in X, Y, Z found the X axis positioning wh	axis positioning for ich it is the worst
Anbotek Anbotek Anbotek Anbotek	Anbolek Anbolek Anbolek Anbolek Anbolek Anbolek Anbolek Compliance	channel. h. The radiation measure Transmitting mode, and f case. i. Repeat above procedu Remark:	ements are performed in X, Y, Z found the X axis positioning wh	axis positioning for ich it is the worst

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Report No.:1813C40012512504 FCC ID: 2ABC5-E0071

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

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Operating Environment:

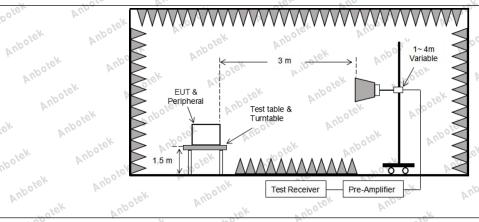
1: 802.11a mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11a modulation type. All data rates has been tested and found the data rate @ 6Mbps is the worst case. Only the data of worst case is recorded in the report.

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.

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.

8.2. Test Setup

Test mode:



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8.3. Test Data

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Temperature:	25.3 °C	Hum	nidity: 49 °	%oter	Atmospheric Pr	essure: 10	01 kPa
PUP	K abo	tek Aut		hotek	Anbore	Allingtek	Anboten
		TM1 / B	and: 5150-5	250 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	37.08	15.99	53.07	68.20	bover -15.13 mbo	Н	Peak
5150.00	39.17	15.99	55.16 ⁰⁰⁰	68.20	13.04	Npore. V	Peak
5150.00	26.99	15.99	42.98 N	54.00	-11.02	Anboten	AVG
5150.00	29.07 🔊	15.99	45.06	54.00	-8.94	Notek	AVG

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

								4
quency ⁄IHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector	Anbotek
50.00	37.50	16.43	53.93	68.20 ^{Anv}	-14.27	H ^{Netode}	Peak]p.
50.00	40.51 noot	16.43	56.94	68.20	-11.26	Ň.	Peak	Aur
50.00	28.86	16.43 🕅	45.29	54.00	-8.71	And H 'sk	AVG	P
50.00 🔊	29.72	16.43	46.15	54.00	-7.85	NO.	AVG	
ark: 1.	Result=Readi	ng + Factor	abotek	Anbor	p	K Anbok	St. Aur	Yer
	~ olek	Anbore	Aller	. nbote	AUD		botek Ar	100.

INCIDALK. I. I	result-reau	ng + i acioi	abor	P.	h note	, Vur		. ve
Anbo	Anbotek	Anbore	An	Anbote	And	otek An	potek Ar	Np0.
		TM2 / Ba	and: 5150-52	250 MHz / BV	V: 20 / L			Ant
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector	
5150.00	35.99	15.99	51.98	68.20	-16.22	Hotek	Peak	N
5150.00	37.41	15.99	53.40	68.20	-14.80	V bo	Peak	Ver.
5150.00	26.71	15.99	42.70	54.00	-11.30 ⁰⁰¹	H PUL	AVG	'nbol
5150.00	27.69	15.99	43.68	54.00	ote 10.32 pr	poter V A	AVG	A.1

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	37.83	16.43	54.26	68.20	-13.94	Hupp	Peak
5250.00	38.85	16.43	55.28	68.20	-12.92	lek V Anbo	Peak
5250.00	27.87	16.43	44.30	54.00 m ⁰	-9.70	Lek H	no ^{ote} AVG
5250.00	29.35	16.43	45.78	54.00	100 ^{10K} -8.22	V	AVG
Remark: 1. F	Result=Readir	ng + Factor	otek Ar	20. K	bolek	Anboro	Am
de Her	otek Anb	0. P.	1ek	Anboten	Ann	abotek	Anbo

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	<u> </u>	TM2 / Ba	and: 5150-52	250 MHz / BW	V: 40 / L	<u>~0. k</u>		Anbo
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector	P
5150.00	36.58	15.99	52.57	68.20	-15.63	H hotek	Peak	
5150.00	38.42	15.99	54.41	68.20	-13.79	V	روند Peak مرا	d'en
5150.00	27.16	15.99	43.15	54.00	-10.85	H	AVG	Anbotek
5150.00	28.79	15.99,001	44.78 ^{°°°°}	54.00	9.22	nbote. V	AVG	Anb

TM2 / Band: 5150-5250 MHz / BW: 40 / H

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5250.00	38.15	16.43	54.58	68.20	-13.62	HAND	Peak
5250.00	36.99	16.43	53.42	68.20	-14.78	otek V And	Peak
5250.00	28.41	16.43	44.84		-9.16	Hyar	AVG
5250.00	29.63	16.43 m ⁰⁰	46.06	54.00	-7.94	Vup. A	AVG
Remark: 1. F	Result=Readi	ng + Factor	ibotek A	nbo	abotek	Anbor	A. otek
stek an	botek Ar	100. L	abotek	Anbolek	Allek	Anboten	And

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hotek A	nbotek Ar	100 -16K	Anbotek	Anbors	A	Anboten	And
		TM3 / B	and: 5150-52	250 MHz / BV	V: 20 / L		1
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5150.00	37.05	15.99	53.04 M	68.20 M	-15.16	H ^{ey} ote	Peak
5150.00	38.82 Mo	15.99	54.81	68.20	-13.39	Vek	Peak
5150.00	26.62	15.99	42.61	54.00	-11.39	H Hotek	AVG
5150.00	28.85	15.99	44.84	54.00	-9.16	V not	et AVGANDOVER

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	Anbot
5250.00	37.94	ve ^k 16.43 pr ^b	54.37	68.20	-13.83	PLL H	Peak	P
5250.00	38.18	16.43	54.61	68.20	-13.59	Vn4	Peak	
5250.00	27.87	16.43	44.30	54.00	-9.70	H nbore	AVG	N95
5250.00	28.47	16.43	44.90	54.00	-9.10	er V Ne	AVG ANG	
Remark: 1. F	Result=Readi	ng + Factor	Ano	ek nbol	lek Anbo	- K	botek A	nbote.
Anbotek	Anbo	K shote	k Aupor	~ <i>b</i> .	-otek A	nbote.	Aun	nbo

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			TM3 / B	and: 5150-52	250 MHz / BW	/: 40 / L			, nbc
1.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector	b.
0	5150.00	35.99	15.99	51.98	68.20	-16.22	AnH	Peak	
	5150.00	36.40	15.99	52.39	68.20	-15.81	Knboter	Peak	10K
0	5150.00	26.23	15.99	42.22	54.00	-11.78	lek H Anbe	AVG AND	Le le
	5150.00	26.91	15.99	42.90	54.00 mo ^v	-11.10	V Yet	No ^{ot} AVG	Aupo.

TM3 / Band: 5150-5250 MHz / BW: 40 / H

otek	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector	-
Pup.	5250.00	38.12	16.43	54.55	68.20	-13.65	H botel	Peak	
	5250.00	37.24	16.43	53.67	68.20	-14.53	V	ve ^k Peak	oter
	5250.00	27.55	16.43	43.98	54.00	-10.02 no	Pron H Aun	AVG	do
	5250.00	27.61	16.43	¥ 44.04	⁶ 54.00 ¹⁰	-9.96	ubote ^K V	AVG	b.
CK I	Remark: 1. F	Result=Readi	ng + Factor	e pr	abotek l	Aupote.	Lovek	Anbotek	1

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TM3 / Band: 5150-5250 MHz / BW: 80 / L

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An	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector	potek
e ^K	5150.00	36.08	15.99	52.07	68.20	-16.13	o ^{tek} H An	Peak	abotek
Ya.	5150.00	36.56	15.99	10K 52.55 Lnb	68.20 M ^{nb}	-15.65	Verote	Peak	An
nbole	5150.00	× 26.71 no	15.99 ^{And}	42.70	54.00	-11.30	Hek	AVG	Ann
Anboth	5150.00	26.93	15.99	42.92	54.00	-11.08	A V tek	AVG	PL

TM3 / Band: 5150-5250 MHz / BW: 80 / H

D,			TIVIS / D	anu. 5150-52		и. оо / п			
	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector	hbotek
ie ^K	5250.00	38.42	16.43	54.85	68.20 M	-13.35	, the	Peak	Aupe
,botek	5250.00	37.54	16.43 MM	53.97 ^{Mar}	68.20	-14.23	And V	Peak	A
	5250.00	28.95 ^{May}	16.43	45.38	54.00	-8.62	HAA	AVG	
AUP	5250.00	28.20	16.43	44.63	54.00	-9.37	Vnbotek	AVG	-ot
P	Remark: 1. F	Result=Readi	ng + Factor	Ann	a nbotek	Anbo	ak no	rek Anbo	260.
	bolen	Ano	olek.	Aupor.	b.	ek abo	te. Ann	.M.	~otek

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Remark: 1. Result=Reading + Factor Anbote Anbotek

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			TM1 / B	and: 5725-58	850 MHz / BV	V: 20 / L			in a
1	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector	<i>w</i> .
	5725.00	38.13 Anu	16.37	54.50	68.20	-13.70	HA	Peak	
	5725.00	39.50	16.37	55.87	68.20	-12.33	Kupoter	Peak	1ek
P	5725.00	29.00	16.70	45.70	54.00	-8.30	ek H Aupo	AVG AND	
	5725.00	30.11	16.70	46.81	54.00	-7.19 ^{Anu}	V Yek V	nboteAVG	Vupo.

TM1 / Band: 5725-5850 MHz / BW: 20 / H

nbotek	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector	-
Aup	5850.00	39.07	Anto 17.21	56.28	68.20	-11.92	H botel	Peak	V.
	5850.00	39.43	17.21	56.64	68.20	-11.56	V	ve ^k Peak	oter
	5850.00	29.06	17.21	46.27	54.00	-7.73 no	Pron H Aun	AVG	nbot
	5850.00	29.08	17.21	46.29	54.00 And	-7.71	v ^{botek} V	AVG	<i>b</i>
Ver.	Remark: 1. F	Result=Readi	ng + Factor	, A	abotek N	nbors	A. otek	Anboter	PL
,bote	K Anbo.	V	Lotek A	upore. A	111- 1.6K	a nbotek	Anbo	botek	

Remark: 1. Result=Reading + Factor Anbotek Anbo

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ant			TM2 / B	and: 5725-5	850 MHz / BV	V: 20 / L			K.
£	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector	potek
^S K	5725.00	38.10	17.05	55.15	68.20	o ^{tek} -13.05 p ^{nt}	H	Peak	Anbo
otek	5725.00	38.67	× 17.05	55.72 M	68.20	-12.48	AnboreV	Peak	P
	5725.00	27.57	17.05	44.62	54.00	-9,38	Hong	AVG	
AUD	5725.00	28.09	17.05	45.14	54.00	-8.86	Kupotek	AVG	ex
20			T 140 (D						[

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

b,			TM2 / B	and: 5725-58	850 MHz / BV	V: 20 / H			1
	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector	hb0
40	5850.00	37.31	17.21	10 ⁴ 54.52	o ^{ve} 68.20	-13.68	H ¹⁰ 019K	Peak	. N.
	5850.00	× 37.93 m	17.21 Ant	55.14	68.20	-13.06	N'ek	Peak]
1001	5850.00	27.56	17.21	44.77	54.00	-9.23	And H tek	AVG	
	5850.00	28.41	17.21	45.62	54.00	-8.38	Nupo	AVG	Yer.

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			TM2 / Ba	and: 5725-58	350 MHz / BV	V: 40 / L			Anbo
	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector	P
0,	5725.00	37.68	17.05	54.73	68.20	-13.47	H potek	Peak	
Þ.c	5725.00	38.55	17.05	55.60	68.20	-12.60	V	🖋 Peak 🔊	0,00
	5725.00	27.01	17.05	44.06	54.00	e ^k -9.94 M ^{nbo}	H	AVG	Anbotek
	5725.00	28.37	17.05	45.42	54.00	1010-18.58	nbote. V	AVG	Anb

TM2 / Band: 5725-5850 MHz / BW: 40 / H

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5850.00	38.04	17.21	55.25	68.20	-12.95	HAnd	Peak
5850.00	38.43	17.21	55.64	68.20	-12.56	otek V Anb	Peak
5850.00	28.21	17.21	45.42	^{ومر} 54.00 م∞	-8.58	H	AVG
5850.00	29.31	× 17.21 m ⁰⁰	46.52	54.00	¹⁰¹ -7.48	AND VK	AVG
Remark: 1. F	Result=Readi	ng + Factor	hotek A	no	abotek	Anbor	A. botek
tek n	botek Ar	bo. h	~botek	Anbotek	An	Aupoten	And

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otek An	bo. k.	-tek	nbote.	Plue	botek	Anbo	
		TM3 / B	and: 5725-58	850 MHz / BV	V: 20 / L		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5725.00	37.33	17.05	sev 54.38 mm	68.20 M	-13.82	H ^{anbote} H	Peak
5725.00	e ^k 37.51 _{Anb} o	17.05	54.56	68.20	-13.64	Vek	Peak
5725.00	28.26	17.05	45.31	54.00	-8.69	H dek	AVG
5725.00	29.05	17.05	46.10	54.00	-7.90	V NO	AVG MO

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	An
	5850.00	38.07	17.21 And	55.28	68.20	-12.92	Am Hick	Peak	
,0	× 5850.00	38.96	17.21	56.17 ⁰	68.20	-12.03	Any Vn4	Peak	
	5850.00	27.95	17.21	45.16	54.00	-8.84	H nbote	AVG	Y91
P	5850.00	29.01	17.21	46.22	54.00	-7.78	ek V nbo	Ke ^k AVG And	ĺ .
	Remark: 1. F	Result=Readi	ng + Factor	And	ek nbol	lek Anbo		botek 1	hoot
	Anbotek	Anbo	K solote	k Aupo,	v p	Lotek A	nbote. A	ne	2

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			TM3 / B	and: 5725-58	350 MHz / BV	V: 40 / L			nbot
1	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector	h. Ar
0	5725.00	36.28	17.05	53.33	68.20	-14.87	Hr.A	Peak	
	5725.00	37.81	17.05	54.86	68.20	-13.34	Knboter.	Peak	tek
0	5725.00	27.54	17.05	44.59	54.00	-9.41	lek H Anbe	AVG AND	19K
	5725.00	28.23	17.05	45.28	* 54.00 m ^{ol}	-8.72	V Yex	nb ^{ot A} VG	Anbo.

TM3 / Band: 5725-5850 MHz / BW: 40 / H

nbotek	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector	r Vuj
Aup	5850.00	37.63	17.21	54.84	68.20	-13.36	H borel	Peak	N.
1	5850.00	38.45	17.21	55.66	68.20	-12.54	V	ve* Peak	oter
	5850.00	27.63	17.21	44.84	54.00	-9.16 no	H Ann	AVG	npotek
N.	5850.00	27.24	17.21	44.45 NO	54.00	-9.55	V ^{4910tek} V	AVG	pr.
yer.	Remark: 1. F	Result=Readi	ng + Factor		botek P	nbors 1	, otek	Anboter	AUD
hote	K Aupo.	h.	-tek	nbote. A	,n	~botek	Anbo	Aster	P

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	TM3 / Band: 5725-5850 MHz / BW: 80 / L									
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector	ootek		
5725.00	35.56	17.05	52.61	68.20	-15.59	otek H An	Peak	00		
5725.00	37.08	17.05	54.13 no	68.20 M	-14.07	Verode	Peak	Plu		
5725.00	× 26.56	17.05 ^{Anb}	43.61	54.00	-10.39	Hek	AVG	9		
5725.00	27.15	17.05	44.20	54.00	-9.80	A" V otek	AVG			

TM3 / B	and: 5725-58	350 MHz / BV	V: 80 / H	

b,					550 WIT 12 / DV			
	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
	5850.00	37.55	17.21	54.76	68.20 M	-13.44 ^M	, H	Peak
×	5850.00	37.87	17.21 Ant	55.08 AM	68.20	-13.12	And V	Peak
	5850.00	27.93 Anu	17.21	45.14	54.00	-8.86	AnH	AVG
10	5850.00	28.25	17.21	45.46	54.00	-8.54	Vnbotek	AVG
P.	Remark: 1. F	Result=Readi	ng + Factor	Ann	Anbotek	Anbo	at abol	lek Anbo
	hoter	Anv	1ek	Vupo.	K.	et soo	to. VIII	N.

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		ow 1GHz)	And	
t Requirement: 47 CFR Par	15.407(b)(9)	nbote Att	Anboten	And
strength lim Except as p	s set forth in ovided elsew	w 1 GHz must comply § 15.209. here in this subpart, th ot exceed the field stre	e emissions	from an
following tal			ANDIEVEIS	specifica II
Frequency	1.1	Field strength (microvolts/meter)	, ota	Measurem distance
0.009-0.49	n ^{b°}	2400/F(kHz)		(meters) 300
0.490-1.70		24000/F(kHz)	<u>. (0)</u>	30
1.705-30.0	botek	30		30
30-88	PU.	× 100 ** 001en	Aup	3 hotek
t Limit: 88-216	K Anbor	150 **	Anbole.	3 Ann
216-960		200 ** M ⁰⁰	0.0	3 100/1 4
Above 960	0. b.	500 aragraph (g), fundame		3
frequency b However, or sections of t In the emission employing a 90 kHz, 110 these three detector.	inds 54-72 M eration within his part, e.g., on table abov limits showr CISPR quasi 490 kHz and bands are bas	ting under this section Hz, 76-88 MHz, 174-2 these frequency banc §§ 15.231 and 15.241 re, the tighter limit app n in the above table are peak detector except above 1000 MHz. Ra- sed on measurements	16 MHz or 47 Is is permitted lies at the ba e based on m for the freque diated emissi	70-806 MH d under ot ind edges. neasureme ency band ion limits in
104		on 12.7.4, 12.7.5	100° P	Notek
cedure: ced	1GHz, the E e the ground 360 degrees was set 3 or 1 ch was mour na height is v termine the n polarizations suspected em antenna was cy of below 30 able table wa ading. eceiver system ith Maximum sion level of t d, then testing	ne EUT in peak mode g could be stopped and	choic chambo on of the high ne interference iable-height a to four meters ield strength, to make the rranged to its 1 meter to 4 s tuned to he es to 360 deg ect Function was 10dB low d the peak va	er. The tab hest radiat ce-receivin antenna to s above th . Both hori: measurem s worst cas meters (fo ights 1 me grees to fir and Speci wer than th alues of the
f. If the emis limit specifie	sion level of t d, then testing	ne EUT in p g could be s	eak mode topped and	eak mode was 10dB lov topped and the peak va issions that did not have

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then reported in a data sheet.

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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 below the limit need not be reported.

3. As shown in this section, for frequencies above 1GHz, the field strength

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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:

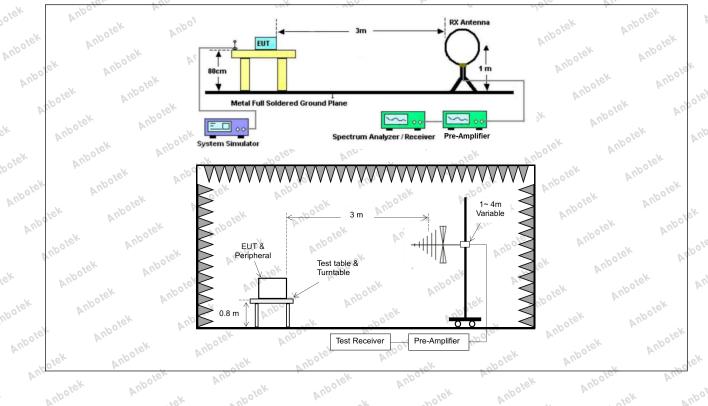
1: 802.11a mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11a modulation type. All data rates has been tested and found the data rate @ 6Mbps is the worst case. Only the data of worst case is recorded in the report.

Test mode:

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.

9.2. Test Setup



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9.3. Test Data

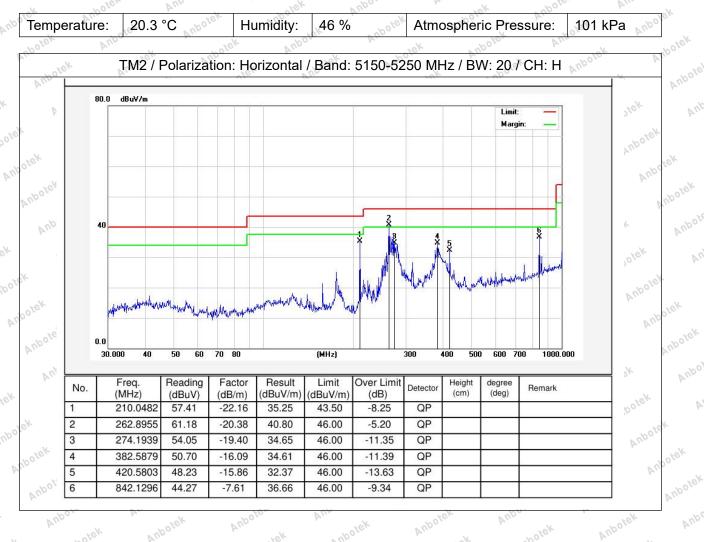
The test results of 9kHz-30MHz was attenuated more than 20dB below the permissible limits, so the results don't record in the report.

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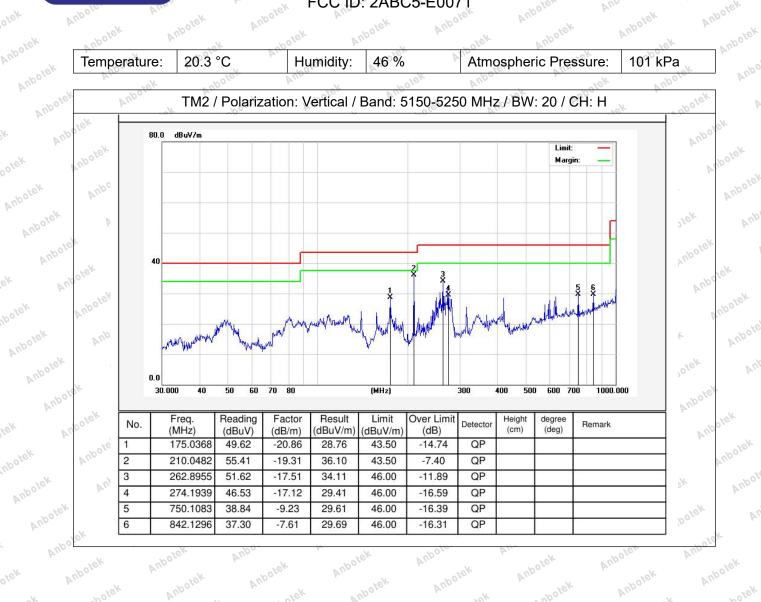
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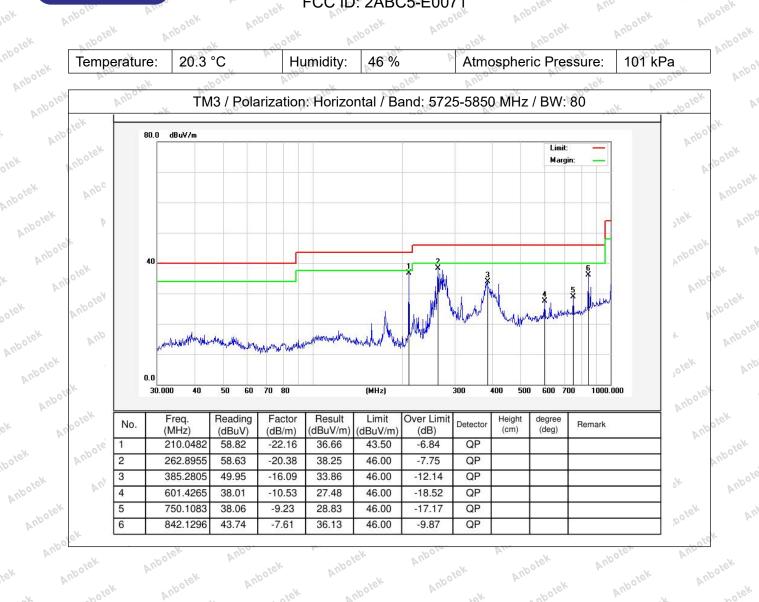
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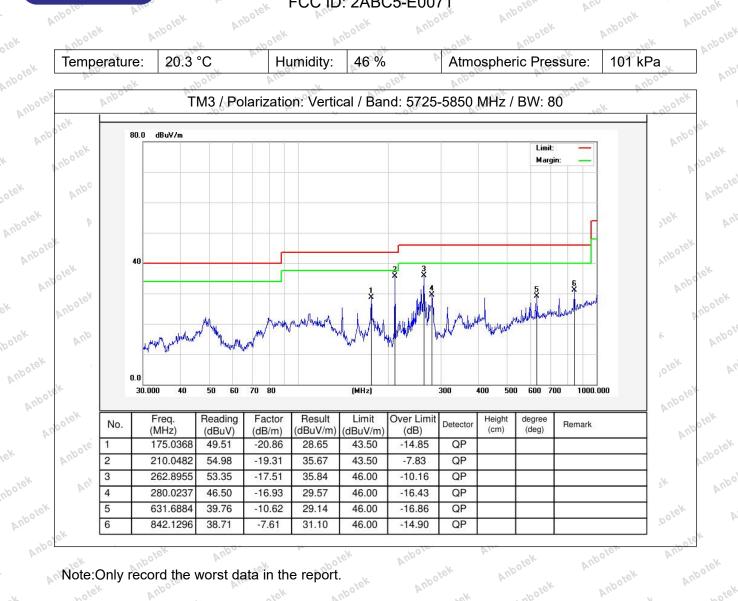
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Note:Only record the worst data in the report. Anbotek Anbotel

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Loten An	47 CFR Part 15.407(b	$(1) n^{bote}$ And	wold wold	AUD.
lest Requirement:	47 CFR Part 15.407(b	(4)	potek Anboth	ioda Ya
k hpotet	47 CFR Part 15.407(b)(10) Anbot	Lotek An	oote. Ann
Lotek Anbotek	For transmitters opera	100	GHz band: All en	nissions outside
potek Anbote.	of the 5.15-5.35 GHz I			
Anbote. Ann	For transmitters opera	ting solely in the 5.72	5-5.850 GHz ba	nd:
hotek Anbo	All emissions shall be			
And	above or below the ba	nd edge increasing lin	nearly to 10 dBm	/MHz at 25 MH
Anbote. A	above or below the ba	nd edge, and from 25	6 MHz above or l	pelow the band
n' stek	edge increasing linear	ly to a level of 15.6 dl	Bm/MHz at 5 M⊦	Iz above or 🔊
sk Anbo	below the band edge,			
abotek	increasing linearly to a	level of 27 dBm/MHz	z at the band edg	ge.nb ^{oter}
bolo VIII.	MHz woter And	MHz woter	MHz	GHz tek
hotek Anbore	0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
Anbo	10.495-0.505	16.69475-	608-614	5.35-5.46
aboten And	k potek	16.69525	tek Anbore.	Alle
P.	2.1735-2.1905	16.80425-	960-1240	7.25-7.75
np.	A. her hoter	16.80475	bolek Aup	
ek Anbotek	4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
ien Ann	4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
stek anbote.	4.20725-4.20775	73-74.6	1645.5-	9.3-9.5
nbo history	K Anbote Ant	lek aboten	1646.5	Lotek
botek Anbo	6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
Ant atek Ant	6.26775-6.26825	108-121.94	1718.8-	13.25-13.4
~ nb ~	Net aboten	And	1722.2	pr.
est Limit:	6.31175-6.31225	123-138	2200-2300	14.47-14.5
Anb	8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
ek aboten	8.362-8.366	156.52475-	2483.5-2500	17.7-21.4
Dr. Dr.	aboten And	156.52525	Anbo	ratek
Lotek Anbor	8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
ind k note	8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
nboten Ano	12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
P.'.	12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
10 × 10 × 10	TEIGIGI GILGEGEGEG			
Anboten An	12.57675-12.57725	322-335.4	3600-4400	(2)

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.

Except as provided elsewhere in this subpart, the emissions from an

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105 °0K	abotek Anbor	A. hotek Anbote	And tek unbotek	Anbo
Anbore	Anbotek Anboten	intentional radiator shall following table:	not exceed the field strength lev	vels specified in the
And	Anbotek Anbi	Frequency (MHz)	Field strength	Measurement
And	tek Anbotek N	nbotek nbotek	(microvolts/meter)	distance (meters)
ek Aup	botek	0.009-0.490	2400/F(kHz)	300
atek .	nboten Ann ek	0.490-1.705	24000/F(kHz)	30
^{upo}	hotek Anbore	1.705-30.0	er 30 And and a south	30 Anbo
hoter	And k hotel	30-88	100 ** moter Anti-	3 bolek
Ar	Anboten And	88-216	150 **	oter 3 And rek
Anbo	h otek Ant	216-960	200 **	3 Anbore
nbote	And	Above 960	500	Anto 3
B.	tek nboten		paragraph (g), fundamental em	
tek Ant	or A. Stek		rating under this section shall no	
N.	botek Anbu		MHz, 76-88 MHz, 174-216 MHz	
nbore	An tek nboten	sections of this part, e.g.	in these frequency bands is per	
Lotek	Anbor		ove, the tighter limit applies at th	hand edges
Ano	botek Anbo.		vn in the above table are based	
Anboten	And	- AV	si-peak detector except for the f	
1	A Anbore An		d above 1000 MHz. Radiated e	
Anb	v wotek		ased on measurements employi	
19 × 191	ooten Ano	detector.	A. atek Anbole.	PUL
rok Dr. b.	Test Method:	ANSI C63.10-2020, sect	ion 12.7.4, 12.7.6, 12.7.7	Aupor
nbore	A. nboter	Above 1GHz:	otek Anbo	sk Aupore
botek	Anbo	a. For above 1GHz, the	EUT was placed on the top of a	rotating table 1.5
Ann	abotek Anbo		d at a 3 meter fully-anechoic cha	
Anbore	Am		letermine the position of the hig	
Anbol	ek Anbo. A		eters away from the interference	
Aur	ak abolek		he top of a variable-height anter	
Nek D	All All All		varied from one meter to four n maximum value of the field stre	
	Lotek Anbor		s of the antenna are set to make	
nboter	And k borek		mission, the EUT was arranged	
Att	Anboten Ans		as tuned to heights from 1 meter	
Anbo	h otek Anbo		30MHz, the antenna was tuned	
abotek	Ano		vas turned from 0 degrees to 36	() · · · · · · · · · · · · · · · · · · ·
P.	Procedure:	maximum reading.	Anbor	Anbore Am
sk Aupo		e. The test-receiver syst	em was set to Peak Detect Fun	ction and Specified
No.	botek Anbo	Bandwidth with Maximur	10.5° . AV	And
poter P	in oblek		the EUT in peak mode was 10c	- SP
Nek	Anbore Am		ng could be stopped and the pe	
Anbo	hotek Anbor	201	rwise the emissions that did not	
nboten	And		by one using peak or average m	ethod as specified
A.	Anboten Anu	and then reported in a da	D. 1	ol the Highest
Aupor	h. stek	channel.	west channel, the middle chann	ei, ine nignest
at to	otek Anbo.		ements are performed in X, Y, Z	axis positioning for
te. And	lek abotek		found the X axis positioning wh	
otek.	Anbore And	case.	Tourid the A axis positioning with	
nbu	otek Anbore		ires until all frequencies measur	ed was complete
abolek	And k ote	Remark:		a mas complete.
P.	Anboter Anbo	where the polet p	nov k. otek Ant	our him rek
Shenz	hen Anbotek Compliance	Laboratory Limited	aboter And	and the second
	K		P1. 107	

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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

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Operating Environment:

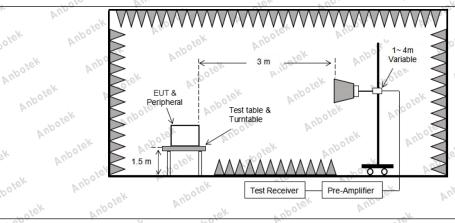
1: 802.11a mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11a modulation type. All data rates has been tested and found the data rate @ 6Mbps is the worst case. Only the data of worst case is recorded in the report.

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.

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.

10.2. Test Setup

Test mode:



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10.3. Test Data

Temperature:	24.4 °C	Hum	nidity: 53 %	6° ^{°°} A	tmospheric Pi	ressure:	101 kPa
PUD.	do No	stek Aup		hotek	Anbore	Allek	Anboten
		TM2 / 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	31.55	23.81	55.36	68.20	-12.84 ⁽¹⁾	V	Peak
15540.00	32.94	28.68	61.62	68.20	-6.58	nbotek V	Peak
10360.00	32.03	23.81	55.84	68.20	-12.36	, dk	Peak
15540.00	33.00	o ^{ve*} 28.68 M ⁿ	61.68	68.20	-6.52	An H tek	Peak
10360.00	20.992	23.81	44.80	54.00	-9.20	Va	AVG
15540.00	22.134	28.68	50.81	54.00	-3.19	V Anb	AVG
10360.00	21.218	23.81	45.03	54.00	-8.97	. н	AVG
15540.00	21.650	28.68	50.33	54.00	-3.67 Ant	H	AVG
		TM2 / Ban	d: 5150-525	0 MHz / BW	: 20 / CH: M		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
10400.00	30.91	23.81	54.72	68.20	-13.48	N ₁₀₀	Peak
15600.00	32.47	29.13	61.60	68.20	-6.60	K V Ant	Peak
10400.00	31.52	23.81	55.33	68.20	-12.87	, _e ⊮ H	Peak
15600.00	32.52	29.13	61.65	68.20	1010 -6.55 M	Ĥ	Peak
10400.00	21.262	23.81	^{روند} 45.07 م ^{راد}	54.00	-8.93	Anborev	AVG
15600.00	22.254	29.13	51.38	54.00	-2.62	NoVek	AVG
10400.00	21.208	23.81	45.02	54.00	-8.98	H	AVG
15600.00	21.730	29.13	50.86	54.00	-3,14	Ĥ	AVG
		TM2 / Ban	d: 5150-525	0 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	30.48	23.80	54.28 M	68.20	-13.92	Anbote	Peak
15720.00	× 31.95 m ⁶	30.03	61.98	68.20	-6.22	Prek	Peak
10480.00	31.16	23.80	54.96	68.20	-13.24	H	Peak
15720.00	31.43	30.03	61.46	68.20	-6.74	HANDO	Peak
10480.00	19.93	23.80	43.73	54.00	-10.27	Kek V A	AVG
15720.00	21.01	30.03	51.04	54.00	-2.96	v Y Yay	AVG
10480.00	20.42	23.80	44.22	54.00	-9.78	NDD H	AVG
15720.00	20.52	30.03	o ^{ve} 50.55	54.00	-3.45	A ^{nb} ^{oth}	AVG

1. Result =Reading + Factor

2. Only the worst case (802.11n(HT20) is recorded in the report.

3. Test frequency are from 1GHz to 40GHz, the amplitude of spurious emissions which are attenuated more than 20 dB below the limits are not reported.

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Report No.:1813C40012512504 Anbotek FCC ID: 2ABC5-E0071 Anbote

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	nbotek	And	abotek	Anbor	k nok	ar Aupor	c. Vur	Nek
			ТМ3 /	Band: 5725-	5850 MHz / E	3W: 80		
	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
101	11550.000	⁶ 30.16 ^{4 nD}	23.40	53.56	68.20	-14.64	A Dores	Peak
	17325.000	30.92	32.13	63.05	68.20	-5.15	V nbotek	Peak
410	11550.000	31.18	23.40	54.58	68.20	-13.62	, H	ve* Peak vi
	17325.000	31.43	32.13	63.56	68.20	e [×] -4.64 ⊾n ^b °	H And	Peak
	11550.000	17.67	23.40	× 41.07 م ^{ەر}	54.00	-12.93	nbotek V	AVG
	17325.000	18.26	32.13	50.39	54.00 N	-3.61	V.	AVG
4	11550.000	17.78	ote ^k 23.40 pm	41.18	54.00	-12.82	And H 'sk	AVG
	17325.000	18.81	32.13	50.94	54.00	-3.06	PH4	AVG
, F	Remark:	Inpotek .ek	Anbornbotek	Anbotek	Anbore	Anbotek	Anbote	Anb.

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Product Safety

1. Result =Reading + Factor

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2. Only the worst case (802.11ac(VHT80) is recorded in the report.

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3. Test frequency are from 1GHz to 40GHz, the amplitude of spurious emissions which are attenuated Anbotek Anb more than 20 dB below the limits are not reported. Anbote Anbotek Anbotek

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APPENDIX I -- TEST SETUP PHOTOGRAPH

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Please refer to separated files Appendix I -- Test Setup Photograph RF

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APPENDIX II -- EXTERNAL PHOTOGRAPH

Please refer to separated files Appendix II -- External Photograph

APPENDIX III -- INTERNAL PHOTOGRAPH

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Please refer to separated files Appendix III -- Internal Photograph

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End of Report -Anbotel Anbotek

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