

 Report No.:
 182512C400261104
 FCC ID: 2A4K9-B1
 Page 1 of 73

FCC Test Report

Applicant

YABER TECHNOLOGIES CO., LIMITED

Address

Room 406,4 Floor,B Building,BanTian International Center,HuanCheng South Road,BanTian Street, LongGang District,Shenzhen, 518000, China

Product Name : Projector

Report Date

Jul. 29, 2024



Shenzhen Anbotek Compliance Laboratory Limited

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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Anbotek Product Safety

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Product Safety				
	Anboten Anbo Anbo			
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	TES	T REPOR	botek Anbotek	
Applicant	: YABER TECHNOL	OGIES CO.,LIMITE	DAnbotek Anbo	
Manufacturer	: YABER TECHNOL	OGIES CO.,LIMITE	D Anboten Ant	abotek Anbot
Product Name	: Projector			
Model No.	k AiboB1 Anbore			Anbotek
Trade Mark	: Toptro			
Rating(s)	: Input: 19V 3.42A	(with DC 14.8V, 500	0mAh battery insic	de) ^k Anbore Anborek Anbore

Test Standard(s)

47 CFR Part 15E ANSI C63.10-2020 KDB 789033 D02 General UNII Test Procedures New Rules v02r01 KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02

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:

Jun. 18, 2024

Date of Test:

Prepared By:

Jun. 18, 2024 to Jul. 02, 2024

Nian xiu Chen

(Nianxiu Chen)

Idward pan

(Edward Pan)

Shenzhen Anbotek Compliance Laboratory Limited

Approved & Authorized Signer:

Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.





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Revision History

	Anbore		Rev	ISION HIS	tory		Anbor		
	Report Ver	sion	Γ	Description			Issued	Date	
Aupo	R00	botek Ant	otek O	riginal Issue.	Anbotek	Anbore.	Jul. 29,	2024	Anb
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	Anbotek	Anboten	Anusbotek	Anbotek	Anbor	otek A	anbotek	Anbotet	

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1. General Information

1.1. Client Information

Applicant	:	YABER TECHNOLOGIES CO.,LIMITED
Address	:	Room 406,4 Floor,B Building,BanTian International Center,HuanCheng South Road,BanTian Street, LongGang District,Shenzhen, 518000, China
Manufacturer	:	YABER TECHNOLOGIES CO.,LIMITED
Address	:	Room 406,4 Floor,B Building,BanTian International Center,HuanCheng South Road,BanTian Street, LongGang District,Shenzhen, 518000, China
Factory	:	YABER TECHNOLOGIES CO.,LIMITED
Address	:	Room 406,4 Floor,B Building,BanTian International Center,HuanCheng South Road,BanTian Street, LongGang District,Shenzhen, 518000, China

1.2. Description of Device (EUT)

Product Name	:	Projector Andorek Andorek Andorek Andorek
Model No.	:	Blootek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek
Trade Mark	:	Toptrotek Anborek Anborek Anborek Anborek Anborek Anborek
Test Power Supply	:	AC 120V/60Hz for Adapter; DC 14.8V Battery inside
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	MODEL: A653-1903420D INPUT: 100-240V~50/60Hz 1.5A OUTPUT: 19.0V 3.42A 64.98W
RF Specification		
Operation Frequency		802.11a/n(HT20)/ac(VHT20)/ax(HEW20): U-NII Band 1: 5180MHz to 5240MHz; U-NII Band 2A: 5260MHz to 5320MHz; U-NII Band 2C: 5500MHz to 5700MHz; U-NII Band 3: 5745MHz to 5825MHz; 802.11n(HT40)/ac(VHT40)/ax(HEW40): U-NII Band 1: 5190MHz to 5230MHz; U-NII Band 2A: 5270MHz to 5310MHz; U-NII Band 2C: 5510MHz to 5670MHz; U-NII Band 2C: 5510MHz to 56795MHz; 802.11ac(VHT80)/ax(HEW80): U-NII Band 1: 5210MHz; U-NII Band 1: 5210MHz; U-NII Band 2A: 5290MHz; U-NII Band 2A: 5290MHz; U-NII Band 2A: 5290MHz; U-NII Band 2A: 5290MHz; U-NII Band 3: 5775MHz
Number of Channel	:	802.11a/n(HT20)/ac(VHT20)/ax(HEW20): U-NII Band 1: 4; U-NII Band 2A: 4;

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		U-NII Band 2C: 11;
		U-NII Band 3: 5;
		And the hotek Andor And the dek unboten And
		802.11n(HT40)/ac(VHT40)/ax(HEW40):
		U-NII Band 1: 2;
		U-NII Band 2A: 2;
		U-NII Band 2C: 5;
		U-NII Band 3: 2;
		802.11ac(VHT80)/ax(HEW80):
		U-NII Band 1: 1;
		U-NII Band 2A: 1;
		U-NII Band 2C: 2;
		U-NII Band 3: 1
		802.11a: OFDM(BPSK, QPSK, 16QAM, 64QAM);
lodulation Type		802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM);
iouuluului i jpo	1.	802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM);
	-	802.11ax: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM)
evice Type	:	Client Devices
FS Type	:	Slave without DFS
ntenna Type	:	FPC Antenna
PC Function	:	Without TPC
		WiFi 5.2G: 3.25dBi
		WiFi 5.3G: 2.92dBi
ntenna Gain(Peak)	•	
ntenna Gain(Peak)	:	WiFi 5.6G: 3.53dBi WiFi 5.8G: 2.56dBi

1.3. Auxiliary Equipment Used During Test

	Title	Manufacturer	Model No.	Serial No.
	ROG Rapture Quad- band Gaming Router	ASUSTeK Computer Inc	GT-AXE16000 (FCC ID: MSQ-RTAX5D00; IC: 3568A-RTAX5D00)	RAIG5D2020695NL
1	Anbore An	botek Anboten Anb	hotek Anbotek Anbot	ek abotek Anbot

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1.4. Operation channel list

Operation Band: U-NII Band 1

Bandwidth:	20MHz 20MHz	Bandwidth:	40MHz	Bandwidth:	80MHz
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
tek 36 bote	5180	httpotek 38 Antoo	5190	42	5210
botek 40 Anbotek	5200	46 M	5230	ek Aboten	Anbo
bote 44 Anbo	5220	antotek	Anbore Ann	potek / Anbotek	Anbo
48	5240	ek Anbotek	Anbor An	abotek Anboth	Apo worek

Operation Band: U-NII Band 2A

Bandwidth:	20MHz	Bandwidth:	40MHz	Bandwidth:	80MHz
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
And 52	5260 ¹⁰⁰	54	5270	tek 58 mbote	5290
56	5280 M	62	5310	and wotek and	otek Anboit
60	5300	por / Annobote	K prooter	And	nbotek / Anbor
64	5320	Anbolt ell All	otek Anbote.	Andorek	Anboiek Ant

Operation Band: U-NII Band 2C

oporation Dana.	O I till Dalla 20				
Bandwidth:	20MHz	Bandwidth:	40MHz	Bandwidth:	80MHz
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	102 And	5510	106	5530 Anto
otek 104 ⁰⁰⁰	5520	Anboi 110 And	Loter 5550 Anore	122	5610
mbotek 108 Ambo	5540	118	5590	tek Anboutek	hotek
Anbot 112 Anb	5560	126	5630	hbotek / Anbo	ek Inbotek
116	5580	134 bolt	5670	Anboten Anbo	otek / nbotek
120	5600	nbotek / Anbore	at abotek	Anboten Ar	potek / Anbo
124 00 ¹⁰¹	5620	Anbotek Anbo	ek pin botek	Autoren	And work A
hotek 128 Antroie	5640	Anbotek Ar	bornek / An abo	lek Anboren	And
hote 132 Antos	5660	AnVotek	Anbo. An	botek Anbote	Andhotek
136	5680	rek Anbotek	Anboriek	Anbotek Anbot	Ant Antorek
140	5700	botek Anbotek	Anbo	Anbotet Ant	port / Arrange
to.	bo' Pi		er and	. A	boi Aii

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Operation Band:	U-NII Band 3	Ar. sotek At	boten And	ek abotek	Aupo, A.
Bandwidth:	20MHz	Bandwidth:	40MHz	Bandwidth:	80MHz
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	tootek 151 Anbote	5755	155 An	5775
tek 153 otek	5765	mbote 159 Anbo	5795	Antorten	Anbo dex An
botek 157 Anbotek	5785	unbotek Ar	port / All abot	ek phooten	Anbe
bote 161 Anbo	5805	Antorek	Anbort An	potek Anboter	And
165 AC	5825	ek Anbotek	Anbor An	anbotek / Anbote	And And botek

1.5. Description of Test Modes

Pretest Modes	Descriptions
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anb	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.
Anborek TM2 Anborek	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 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.
Anborek Anborek Anborek A	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.
TM5 Anborek	Keep the EUT works in normal operating mode and connect to companion device

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1.6. Measurement Uncertainty

2 ^{botek} Anbotek Anbotek Anbotek Anbotek
Z ^{bont} ek Anbotek Anbotek Anbotek Anbotek
IBAndo stek Anbotek Anbote An
IB And tek Andorek Andore An
IB And Andrek Anborek Anbore
GHz: 4.78dB; 8GHz: 4.88dB 40GHz: 5.68dB
Bunbon And Andrek Anboren Andre
ontal: 3.92dB; Vertical: 4.52dB

1.7. Test Summary

Test Items	Test Modes	Status
Conducted Emission at AC power line	Mode1,2,3,4	ibotek P M
Emission bandwidth and occupied bandwidth	Mode1,2,3,4	AnbotP
Duty Cycle	Mode1,2,3,4	AntPrek
Maximum conducted output power	Mode1,2,3,4	Photek
Power spectral density	Mode1,2,3,4	e ^k P _A nbo ⁱ
Channel Move Time, Channel Closing Transmission Time	Mode5	pote ^k P Ar
DFS Detection Thresholds	Mode5	hote
Band edge emissions (Conducted)	Mode1,2,3,4	Antpek
Band edge emissions (Radiated)	Mode1,2,3,4	Photek
Undesirable emission limits (below 1GHz)	Mode1,2,3,4	K PAnbot
Undesirable emission limits (above 1GHz)	Mode1,2,3,4	otek P An
Note: P: Pass N: N/A, not applicable	botek Anbole An Anbotek Anbotek	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

Conducted Emission at AC power line

200	·	Loter DUP	20	X- 200	10° V	and the second
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
۰ 1	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	2024-01-18	2025-01-17
2 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	Anboi
4	EMI Test Receiver	Rohde & Schwarz	ESPI3	100926	2023-10-12	2024-10-11
- Au		Ronde & Ochwarz	Lou 13	100320	2023-10-12	×2024-1

DFS Detection Thresholds Band edge emissions (Conducted) Emission bandwidth and occupied bandwidth Duty Cycle Maximum conducted output power Power spectral density Channel Move Time, Channel Closing Transmission Time

oniciti		The closing transition		24 A	10-10-10-10-10-10-10-10-10-10-10-10-10-1	N
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
e ^k 1	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ- KHWS80B	N/A	2023-10-16	2024-10-15
2	DC Power Supply	IVYTECH	IV3605	1804D360 510	2023-10-20	2024-10-19
And 3	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102150	2024-05-06	2025-05-05
4	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY505318 23	2024-02-22	2025-02-21
ծ 5	Oscilloscope	Tektronix	MDO3012	C020298	2023-10-12	2024-10-11
6	MXG RF Vector Signal Generator	Agilent Agilent	N5182A	MY474206 47	2024-02-04	2025-02-03

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	edge emissions (Ra sirable emission limi		Anboro	Annotek	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
¹⁰ 3	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	2022-10-16	2025-10-15
nboten 4	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	And	Anbotek
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
° [×] 7	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2024-05-07	2025-05-06

Undesirable emission limits (below 1GHz)

Under North			i one por			NOK	
Item Equipment		quipment Manufacturer		Serial No.	Last Cal.	Cal.Due Date	
1	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22	
<u>,</u> 2	Pre-amplifier	SONOMA	310N	186860	2024-01-17	2025-01-16	
34	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	2022-10-23	2025-10-22	
Antore	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/Anbot	ek Anbor	k Anbotek	

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FCC ID: 2A4K9-B1

2. Conducted Emission at AC power line

Test Requirement:	47 CFR Part 15.207(a)				
Arris sek aborer	Frequency of emission (MHz)	Conducted limit (dBµV)	boten Ano		
Anbor	et inboter And	Quasi-peak	Average		
k botek Anbo'	0.15-0.5	66 to 56*	56 to 46*		
Test Limit:	0.5-5	56	46 boten Int		
otek Anbor An	5-30 And And	60 wotek Anto	50		
stek unbotek	*Decreases with the logarithm of the frequency.				
Test Method:	ANSI C63.10-2020 section 6.2	Anbo kek nobo	iek Anbore		

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.

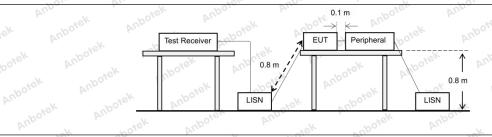
2: 802.11n mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11n modulation type. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.

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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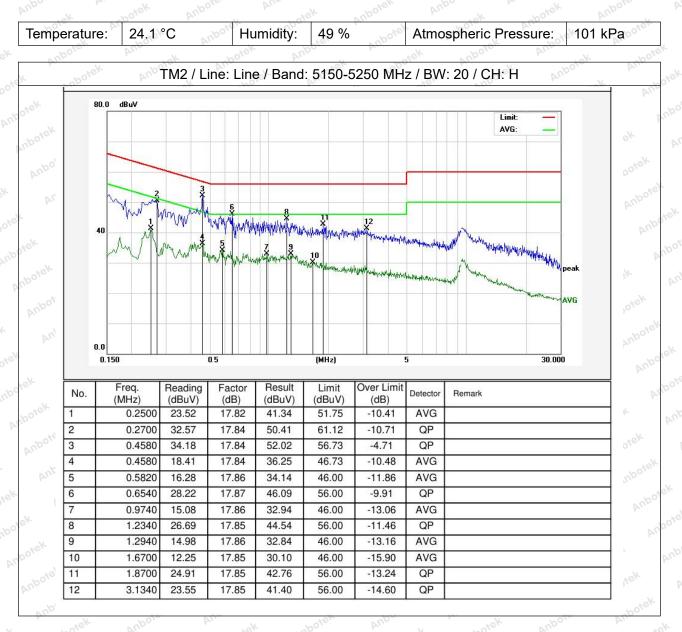
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2.3. Test Data

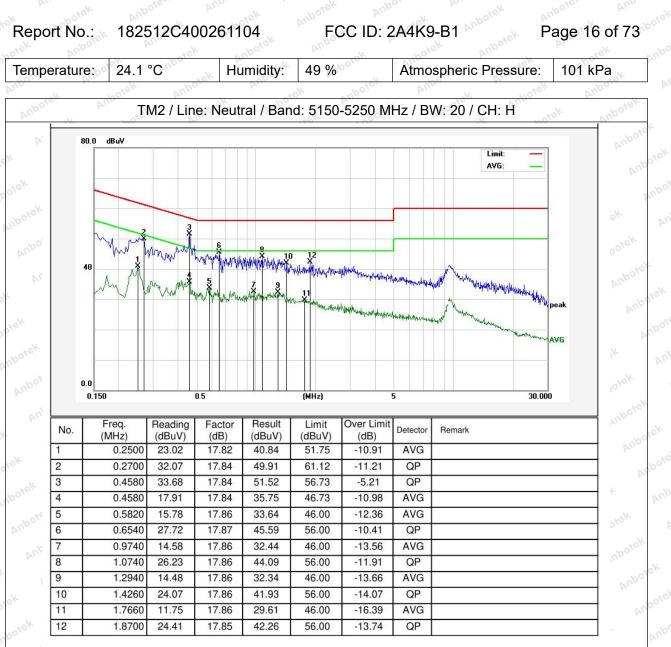


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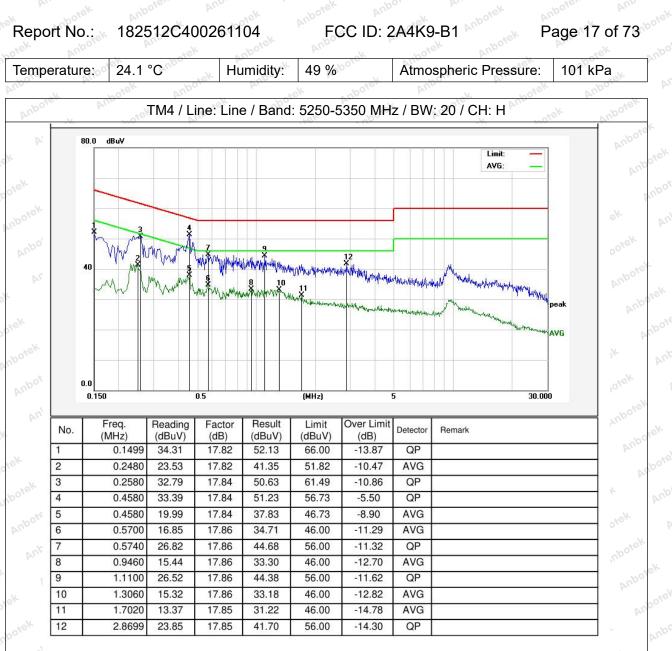




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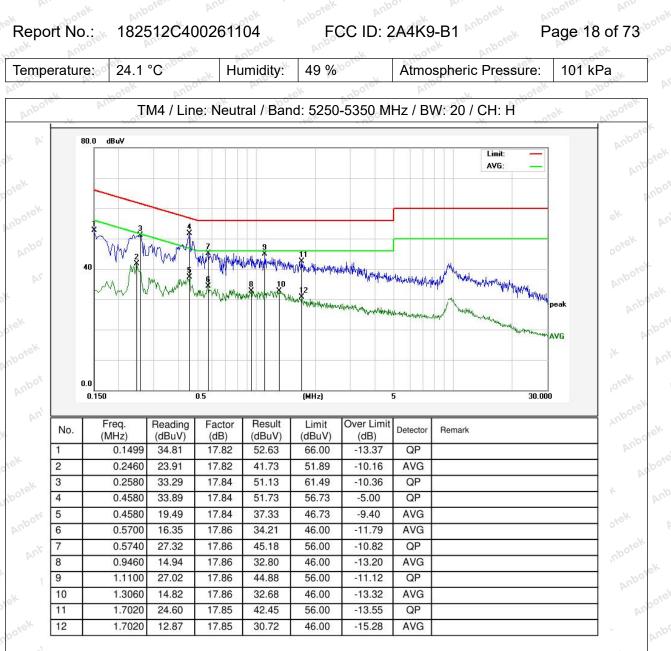




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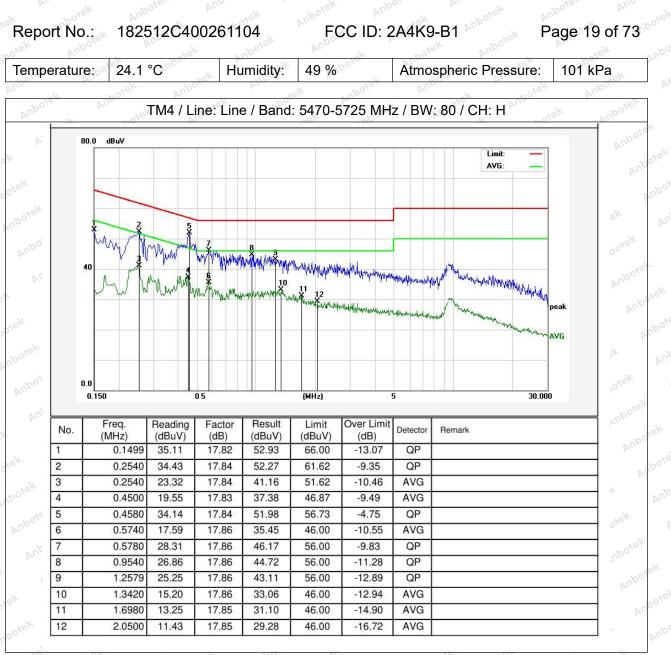




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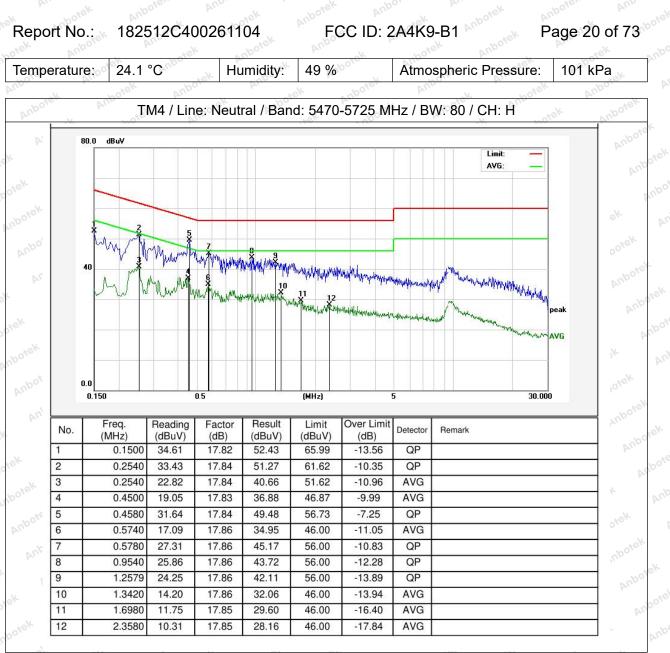




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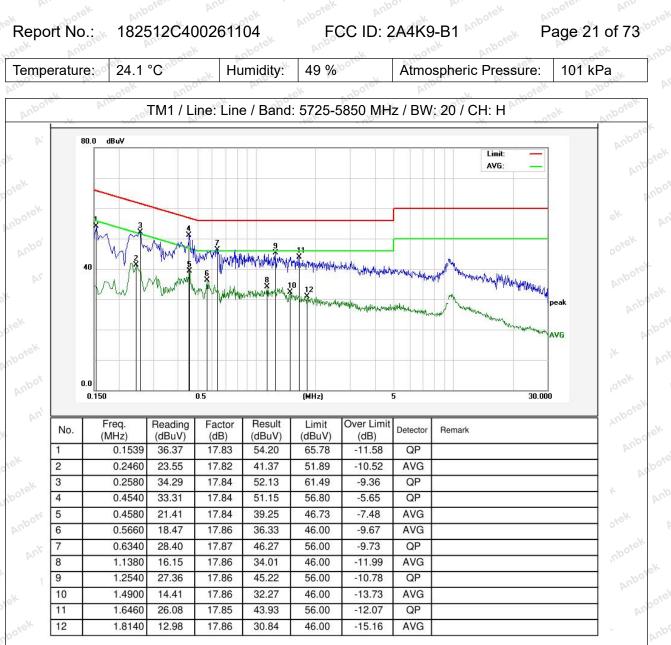




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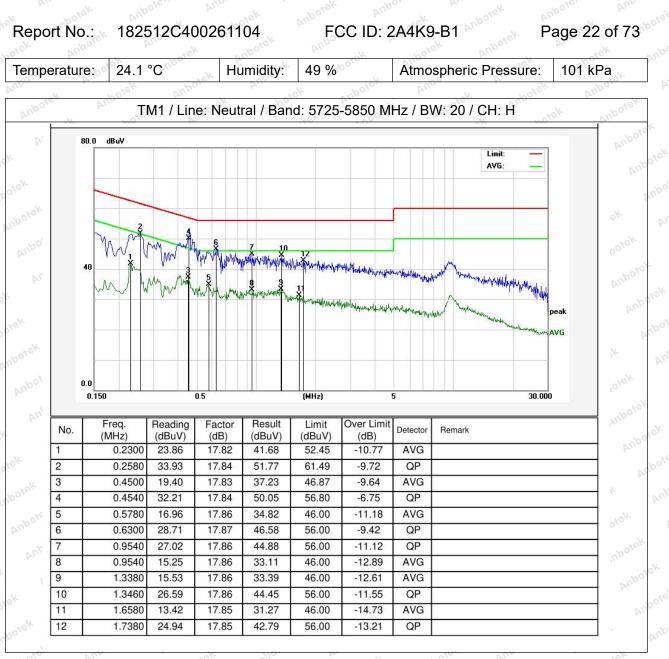




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Note:Only record the worst data in the report.

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FCC ID: 2A4K9-B1

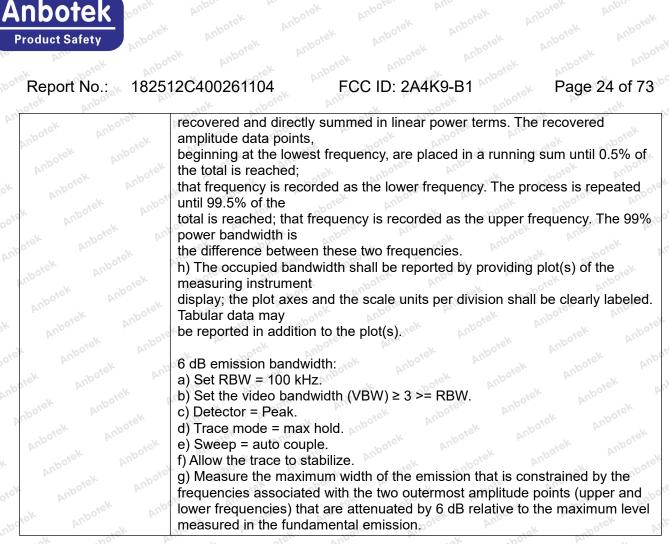
3. Emission bandwidth and occupied bandwidth

Anbo hi sek	and the second s
- obotek Anbor	U-NII 1, U-NII 2A, U-NII 2C: No limits, only for report use.
Test Requirement:	
Aupor Au	U-NII 3, U-NII 4: 47 CFR Part 15.407(e)
s abotek Anbo	U-NII 1, U-NII 2A, U-NII 2C: No limits, only for report use.
Test Limit:	oter And k hotek Anbor Ar An
Anbo, An	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:
Anbo	a) Set RBW = approximately 1% of the emission bandwidth.
	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
All abotek	repeat measurement
	as needed until the RBW/EBW ratio is approximately 1%.
	And
	Occupied bandwidth:
	a) The instrument center frequency is set to the nominal EUT channel center
where hotek	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
And K hotek	5% of the OBW,
	and VBW shall be approximately three times the RBW, unless otherwise
Dread Otek Anbore	specified by the
Procedure:	applicable requirement.
	c) Set the reference level of the instrument as required, keeping the signal
	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
	shall be used. Otherwise, peak detection and max hold mode (until the trace
	stabilizes) shall be
	used.
Anto ok 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
n <u>A notoch An</u>	

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3.1. EUT Operation

Operating Envi	here here here here here here here here
Anborek Anborek Dotek Test mode: Anborek Anborek Anborek Anborek	 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. 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.C.		Anbotek	
ak nbotek	Anborc	A''' notek	Anboter	And	botek	Anboten	And	

3.3. Test Data

Temperature:	26.3 °C	Humidity:	45 %	Atmospheric Pressure:	101 kPa
- AV	V. 10.	las.	_201		WO.

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	 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.
tek 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:

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.
ibotek Anbote	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

0.51		nbot	:UT	Spectrum A	nalyzer			nb ^c Anbo'
.01	4.3. Test Dat	tek Anbore	Ant Anbotek	k photek	Anbotok	Anbotek	Anbotek	Ar
	Temperature:	26.3 °C	Humidity:	45 % M ⁰⁰⁰⁰	Atmospheric	: Pressure:	101 kPa	Kek Kek

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5. Maximum conducted output power

April 199	
Test Requirement:	47 CFR Part 15.407(a)(1)(iv) 47 CFR Part 15.407(a)(2) 47 CFR Part 15.407(a)(3)(i)
k 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 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 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. 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
Test Limit:	the directional gain of the antenna exceeds 6 dBi.
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	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.
hootek Anbotek A Anbotek Anbotek A Anbotek Anbotek	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
Anbotek Anbotek Anbotek Anbotek	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

tek nbotek	1: 802.11a mode: Keep the EUT connect to AC power line and works in continuously
prin prin	transmitting mode with 802.11a modulation type. All data rates has been tested and
hoten Ano	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
Anbore Anbore	been tested and found the data rate @ MCS0 is the worst case. Only the data of
Anbore	worst case is recorded in the report.
tek	3: 802.11ac mode: Keep the EUT connect to AC power line and works in
er Anbo	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

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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.

5.2. Test Setup

Anbotek Anbotek		EUT	Spec	trum Analy	zer		þr
	, K	boiek	bo.	- otek	Anboter		

5.3. Test Data

Temperature:	26.3 °C	Humidity: 45 %	6 Atmospheric Pressure: 101 kPa

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6. Power spectral density

Test Requirement:	47 CFR Part 15.407(a)(1)(iv) 47 CFR Part 15.407(a)(2) 47 CFR Part 15.407(a)(3)(i)
k Anbotek Anbotek Anbot otek Anbotek Ant 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.
And Anbotek Anbotek Anbotek Anbotek Anbotek	For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, 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.
Test Limit: http://www.http://www	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.
Anbotek Anbotek A Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	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 12.6
Procedure:	Refer to ANSI C63.10-2020, section 12.6

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FCC ID: 2A4K9-B1

Anb

6.1. EUT Operation

Operating Envir	onment: And sak appress And sak appress And sak
Anbotek Anbotek K 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.
otek Anbotek	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
hotek Anbotek	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	

6.2. Test Setup

PU

EUT		Spectru	m Analyzer
Anb	77	×e ^k	

6.3. Test Data

ACC NOV		Yo.	ho. h.				10			
	Temperature:	26.3 °C	Anbore	Humidity:	45 %		Atmospheric F	Pressure:	101 ki	⊃a
	npor P	40.	bott	aup.		20	sk upor	b., .	No.	boter

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7. Channel Move Time, Channel Closing Transmission Time

fest Requirement:	47 CFR Part 15.407(h)(2)(iii)
Arr. nbotek	Channel Move Time: within 10 seconds
	Channel Closing Transmission Time: 200 milliseconds + an aggregate of 60
hotek Anbo	milliseconds over remaining 10 second period. (The Channel Closing
And	Transmission Time is comprised of 200 milliseconds starting at the beginning
Test Limit:	of the Channel Move Time plus any additional intermittent control signals
	required to facilitate a Channel move (an aggregate of 60 milliseconds)
hotek Anbo	during the remainder of the 10 second period. The aggregate duration of
	control signals will not count quiet periods in between transmissions.)
Test Method:	Note Martin Self 100 A. W. Note:
	KDB 905462 D02, Clause 7.8.3
	The steps below define the procedure to determine the above-mentioned
	parameters when a radar <i>Burst</i> with a level equal to the <i>DFS Detection</i>
	Threshold + 1dB is generated on the Operating Channel of the U-NII device
	(In- Service Monitoring).
	1. One frequency will be chosen from the <i>Operating Channels</i> of the UUT
	within the 5250-5350 MHz or 5470-5725 MHz bands. For 802.11 devices,
	the test frequency must contain control signals. This can be verified by
	disabling channel loading and monitoring the spectrum analyzer. If no control
	signals are detected, another frequency must be selected within the
	emission bandwidth where control signals are detected.
	2. In case the UUT is a U-NII device operating as a <i>Client Device</i> (with or
	without DFS), a U-NII device operating as a <i>Master Device</i> will be used to
Anv	allow the UUT (Client device) to Associate with the Master Device . In case
	the UUT is a <i>Master Device</i> , a U-NII device operating as a <i>Client Device</i>
	will be used and it is assumed that the Client will Associate with the UUT
	(Master). In both cases for conducted tests, the <i>Radar Waveform</i> generator
Ant Lotek	
nboter Ano	will be connected to the <i>Master Device</i> . For radiated tests, the emissions of
p"	the Radar Waveform generator will be directed towards the Master Device.
Drooduro:	If the <i>Master Device</i> has antenna gain, the main beam of the antenna will be
Procedure:	directed toward the radar emitter. Vertical polarization is used for testing.
And	3. Stream the channel loading test file from the <i>Master Device</i> to the <i>Client</i>
	Device on the test Channel for the entire period of the test.
	4. At time T0 the Radar Waveform generator sends a Burst of pulses for
	one of the Radar Type 0 in Table 5 at levels defined in Table 3 , on the
	Operating Channel . An additional 1 dB is added to the radar test signal to
	ensure it is at or above the DFS Detection Threshold, accounting for
	equipment variations/errors.
	5. Observe the transmissions of the UUT at the end of the radar <i>Burst</i> on
	the <i>Operating Channel</i> for duration greater than 10 seconds. Measure and
	record the transmissions from the UUT during the observation time (<i>Channel</i>
	Move Time). Measure and record the Channel Move Time and Channel
	Closing Transmission Time if radar detection occurs. Figure 17 illustrates
	Channel Closing Transmission Time.
	6. When operating as a <i>Master Device</i> , monitor the UUT for more than 30
Anu work	minutes following instant T2 to verify that the UUT does not resume any
	transmissions on this Channel . Perform this test once and record the
	measurement result.
	7. In case the UUT is a U-NII device operating as a <i>Client Device</i> with <i>In-</i>
	Service Monitoring, perform steps 1 to 6.

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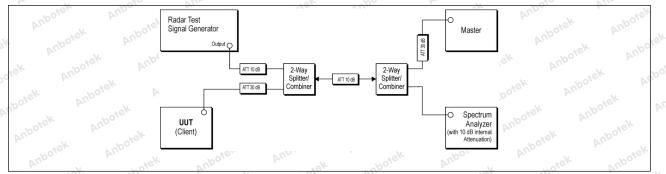


Report No.: 1825	120400201104	rotek Anbo	CC ID: 2A4K9	-DI <u>k</u> Anbot T ₂	гауе	32 of 73
Anbotek Anbotek	UUT transmissions					↓ otek
Anbotek Anbot	Injected Radar burst					Anbor Anb
nbotek Anbotek	Anbor Ar	<	T _{channel_move_time}		I non-occupancy	Anbo. K
Anbotek Anbo	Figure 17: Exa Closing Time	mple of Char	nnel Closing Trai	nsmission T	ime & Chan	nel Anbotek

7.1. EUT Operation

Operating Envi	ronment:	Alt hotek	Anboten	AUDO	-tek	nbotek	Aupor	ek Br.
Test mode:	5: Normal Op companion de	U 16	o the EUT w	orks in no	ormal op	erating mo	de and co	onnect to
nov r	companion ac	NI00 N.		- Charles		P*		

7.2. Test Setup



7.3. Test Data

Temperature: 26.3 °C	Humidity: 45 %	Atmospheric Pressure:	101 kPa
----------------------	----------------	-----------------------	---------

Please Refer to Appendix for Details.

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botek

Product Safety

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8. DFS Detection Thresholds

Test Requirement:	KDB 905462 D02, Clause 5.2 Table 3	tek Anbote And And
And Anbotek Anbotek Anbotek Anbot	Table 3: DFS Detection Thresholds for Master I with Radar Detection Table 3: DFS Detection Thresholds for Ma and Client Devices with Radar Detection	ster Devices
Test Limit: Anborek Anborek Anborek Anborek Anborek Anborek Anborek	Maximum Transmit Power EIRP ≥ 200 milliwatt EIRP < 200 milliwatt and	een added to the amplitude of the ent equipment. This will ensure that a DFS response.
Test Method:	KDB 905462 D02, Clause 7.4.1.1 1) A 50 ohm load is connected in place of the spectrum analyzer is connected to place of the 2) The interference Radar Detection Threshold	master Level is TH+ 0dBi +1dB that
Procedure: Andres Andres Andres	had been taken into account the output power r 3) The following equipment setup was used to o waveform. A vector signal generator was utilize level for radar type 0. During this process, there either the master or client device. The spectrum the zero spans (time domain) at the frequency of generator. Peak detection was used. The spect bandwidth (RBW) and video bandwidth (VBW) spectrum analyzer had offset -1.0dB to comper 4) The vector signal generator amplitude was s measured at the spectrum analyzer was TH + 0 the spectrum analyzer plots on short pulse rada	calibrate the conducted radar d to establish the test signal e were no transmissions by n analyzer was switched to of the radar waveform rum analyzer resolution were set to 3 MHz. The isate RF cable loss 1.0dB. et so that the power level 0dBi +1dB = -63dBm. Capture
stek subotek Al	Note: TH=-64 dBm or -62 dBm	Anbotek Anbote

8.1. EUT Operation

Operating Env	vironment:	Anborek	Anbo.	A. botek	Anbote	Anthotek
Test mode:	5: Normal Operating: I	Keep the EUT	works in nor	mal operating	mode and	connect to
TOST MODE.	companion device	Ann	Lotek	Anbo	-20 -20	ek abore
- And	"po, p,		000		L	Pr.

Shenzhen Anbotek Compliance Laboratory Limited

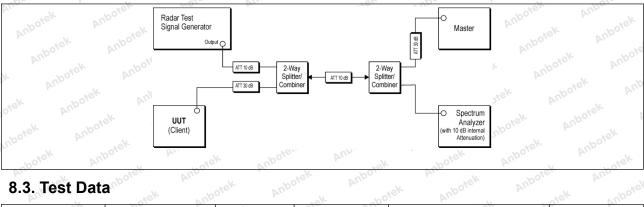
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8.2. Test Setup



Temperature:26.3 °CHumidity:45 %Atmospheric Pressure:101 kPa

Please Refer to Appendix for Details.

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9. Band edge emissions (Conducted)

	. AV		7	10° . AV
	47 CFR Part 15.407(b			
	47 CFR Part 15.407(b			
st Requirement:	47 CFR Part 15.407(b			
r sotek anbo	47 CFR Part 15.407(b		hotek	
And	47 CFR Part 15.407(b)(10)	Ande	hotek
iek Anbotek	For transmitters opera of the 5.15-5.35 GHz b			
	For transmitters opera of the 5.15-5.35 GHz t	pand shall not exceed	d an e.i.r.p. of −2	27 dBm/MHz.
	For transmitters opera of the 5.47-5.725 GHz			
	For transmitters opera All emissions shall be above or below the ba	limited to a level of -	27 dBm/MHz at	75 MHz or more
	above or below the ba edge increasing linear below the band edge,	ly to a level of 15.6 d and from 5 MHz abo	Bm/MHz at 5 M ve or below the	Hz above or band edge
	increasing linearly to a MHz	MHz	Z at the band ed	ige. GHz
	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	4.5-5.15 5.35-5.46
Ante Anbotek otek Anbotek		16.69475-		
st Limit:	10.495-0.505	16.69475- 16.69525 16.80425-	608-614	5.35-5.46
otek st Limit: Anbotek	¹ 0.495-0.505 2.1735-2.1905	16.69475- 16.69525 16.80425- 16.80475	608-614 960-1240	5.35-5.46 7.25-7.75
st Limit:	¹ 0.495-0.505 2.1735-2.1905 4.125-4.128	16.69475- 16.69525 16.80425- 16.80475 25.5-25.67	608-614 960-1240 1300-1427	5.35-5.46 7.25-7.75 8.025-8.5
Anborek potek st Limit: Anborek Anborek Anborek Anborek Anborek Anborek	¹ 0.495-0.505 2.1735-2.1905 4.125-4.128 4.17725-4.17775	16.69475- 16.69525 16.80425- 16.80475 25.5-25.67 37.5-38.25 73-74.6	608-614 960-1240 1300-1427 1435-1626.5 1645.5-	5.35-5.46 7.25-7.75 8.025-8.5 9.0-9.2
Ante potek st Limit: Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	¹ 0.495-0.505 2.1735-2.1905 4.125-4.128 4.17725-4.17775 4.20725-4.20775	16.69475- 16.69525 16.80425- 16.80475 25.5-25.67 37.5-38.25	608-614 960-1240 1300-1427 1435-1626.5 1645.5- 1646.5	5.35-5.46 7.25-7.75 8.025-8.5 9.0-9.2 9.3-9.5
Anborek otek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek	¹ 0.495-0.505 2.1735-2.1905 4.125-4.128 4.17725-4.17775 4.20725-4.20775 6.215-6.218 6.26775-6.26825	16.69475- 16.69525 16.80425- 16.80475 25.5-25.67 37.5-38.25 73-74.6 74.8-75.2	608-614 960-1240 1300-1427 1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2	5.35-5.46 7.25-7.75 8.025-8.5 9.0-9.2 9.3-9.5 10.6-12.7
	¹ 0.495-0.505 2.1735-2.1905 4.125-4.128 4.17725-4.17775 4.20725-4.20775 6.215-6.218 6.26775-6.26825 6.31175-6.31225 8.291-8.294	16.69475- 16.69525 16.80425- 16.80475 25.5-25.67 37.5-38.25 73-74.6 74.8-75.2 108-121.94 123-138	608-614 960-1240 1300-1427 1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2 2200-2300	5.35-5.46 7.25-7.75 8.025-8.5 9.0-9.2 9.3-9.5 10.6-12.7 13.25-13.4 14.47-14.5
Anborek Anborek st Limit: Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek	¹ 0.495-0.505 2.1735-2.1905 4.125-4.128 4.17725-4.17775 4.20725-4.20775 6.215-6.218 6.26775-6.26825 6.31175-6.31225 8.291-8.294	16.69475- 16.69525 16.80425- 16.80475 25.5-25.67 37.5-38.25 73-74.6 74.8-75.2 108-121.94 123-138 149.9-150.05 156.52475-	608-614 960-1240 1300-1427 1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2	5.35-5.46 7.25-7.75 8.025-8.5 9.0-9.2 9.3-9.5 10.6-12.7 13.25-13.4
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	¹ 0.495-0.505 2.1735-2.1905 4.125-4.128 4.17725-4.17775 4.20725-4.20775 6.215-6.218 6.26775-6.26825 6.31175-6.31225 8.291-8.294 8.362-8.366	16.69475- 16.69525 16.80425- 16.80475 25.5-25.67 37.5-38.25 73-74.6 74.8-75.2 108-121.94 123-138 149.9-150.05 156.52475- 156.52525	608-614 960-1240 1300-1427 1435-1626.5 1645.5- 1660-1710 1718.8- 1722.2 2200-2300 2310-2390 2483.5-2500	5.35-5.46 7.25-7.75 8.025-8.5 9.0-9.2 9.3-9.5 10.6-12.7 13.25-13.4 14.47-14.5 15.35-16.2 17.7-21.4
	¹ 0.495-0.505 2.1735-2.1905 4.125-4.128 4.17725-4.17775 4.20725-4.20775 6.215-6.218 6.26775-6.26825 6.31175-6.31225 8.291-8.294 8.362-8.366 8.37625-8.38675	16.69475- 16.69525 16.80425- 16.80475 25.5-25.67 37.5-38.25 73-74.6 74.8-75.2 108-121.94 123-138 149.9-150.05 156.52475- 156.7-156.9	608-614 960-1240 1300-1427 1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2 2200-2300 2310-2390 2483.5-2500 2690-2900	5.35-5.46 7.25-7.75 8.025-8.5 9.0-9.2 9.3-9.5 10.6-12.7 13.25-13.4 14.47-14.5 15.35-16.2 17.7-21.4 22.01-23.12
	¹ 0.495-0.505 2.1735-2.1905 4.125-4.128 4.17725-4.17775 4.20725-4.20775 6.215-6.218 6.26775-6.26825 6.31175-6.31225 8.291-8.294 8.362-8.366 8.37625-8.38675 8.41425-8.41475	16.69475- 16.69525 16.80425- 16.80475 25.5-25.67 37.5-38.25 73-74.6 74.8-75.2 108-121.94 123-138 149.9-150.05 156.52475- 156.7-156.9 162.0125-167.17	608-614 960-1240 1300-1427 1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2 2200-2300 2310-2390 2483.5-2500 2690-2900 3260-3267	5.35-5.46 7.25-7.75 8.025-8.5 9.0-9.2 9.3-9.5 10.6-12.7 13.25-13.4 14.47-14.5 15.35-16.2 17.7-21.4 22.01-23.12 23.6-24.0
	¹ 0.495-0.505 2.1735-2.1905 4.125-4.128 4.17725-4.17775 4.20725-4.20775 6.215-6.218 6.26775-6.26825 6.31175-6.31225 8.291-8.294 8.362-8.366 8.37625-8.38675 8.41425-8.41475 12.29-12.293	16.69475- 16.69525 16.80425- 16.80475 25.5-25.67 37.5-38.25 73-74.6 74.8-75.2 108-121.94 123-138 149.9-150.05 156.52475- 156.7-156.9 162.0125-167.17 167.72-173.2	608-614 960-1240 1300-1427 1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2 2200-2300 2310-2390 2483.5-2500 2690-2900 3260-3267 3332-3339	5.35-5.46 7.25-7.75 8.025-8.5 9.0-9.2 9.3-9.5 10.6-12.7 13.25-13.4 14.47-14.5 15.35-16.2 17.7-21.4 22.01-23.12 23.6-24.0 31.2-31.8
	¹ 0.495-0.505 2.1735-2.1905 4.125-4.128 4.17725-4.17775 4.20725-4.20775 6.215-6.218 6.26775-6.26825 6.31175-6.31225 8.291-8.294 8.362-8.366 8.37625-8.38675 8.41425-8.41475 12.29-12.293 12.51975-12.52025	16.69475- 16.69525 16.80425- 16.80475 25.5-25.67 37.5-38.25 73-74.6 74.8-75.2 108-121.94 123-138 149.9-150.05 156.52475- 156.7-156.9 162.0125-167.17 167.72-173.2 240-285	608-614 960-1240 1300-1427 1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2 2200-2300 2310-2390 2483.5-2500 2690-2900 3260-3267 3332-3339 3345.8-3358	5.35-5.46 7.25-7.75 8.025-8.5 9.0-9.2 9.3-9.5 10.6-12.7 13.25-13.4 14.47-14.5 15.35-16.2 17.7-21.4 22.01-23.12 23.6-24.0 31.2-31.8 36.43-36.5
	¹ 0.495-0.505 2.1735-2.1905 4.125-4.128 4.17725-4.17775 4.20725-4.20775 6.215-6.218 6.26775-6.26825 6.31175-6.31225 8.291-8.294 8.362-8.366 8.37625-8.38675 8.41425-8.41475 12.29-12.293	16.69475- 16.69525 16.80425- 16.80475 25.5-25.67 37.5-38.25 73-74.6 74.8-75.2 108-121.94 123-138 149.9-150.05 156.52475- 156.7-156.9 162.0125-167.17 167.72-173.2	608-614 960-1240 1300-1427 1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2 2200-2300 2310-2390 2483.5-2500 2690-2900 3260-3267 3332-3339	5.35-5.46 7.25-7.75 8.025-8.5 9.0-9.2 9.3-9.5 10.6-12.7 13.25-13.4 14.47-14.5 15.35-16.2 17.7-21.4 22.01-23.12 23.6-24.0 31.2-31.8

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

² Above 38.6

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NO. Pr	der. Mp.	the short by	AC.			
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	not exceed the limits shown 1000 MHz, compliance with using measurement instrum detector. Above 1000 MHz, 15.209shall be demonstrated	ons appearing within these freq n in § 15.209. At frequencies eq n the limits in § 15.209shall be c nentation employing a CISPR q compliance with the emission I ed based on the average value in § 15.35apply to these measure	ual to or less than lemonstrated uasi-peak imits in § of the measured			
tek ont	of the offerties of the		All All			
otek Anbo, A.	Every the second designed and	and the state of t	A			
Anbotek Anbotek		ere in this subpart, the emissior t exceed the field strength level				
Anbotek Anbotek	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance			
h. stek anbore	An-		(meters)			
anbo. A.	0.009-0.490	2400/F(kHz)	300			
sk sotek anb	0.490-1.705	24000/F(kHz)	30,000			
poter Anu -k	1.705-30.0	30 And And	30 Jorek A			
tek spoter P	30-88	100 **	3 And			
Anbor Andrek	88-216	150**	eB noote			
hotek Anbo	216-960	200 **	3			
And ok botek	Above 960	500	b3 Anbo			
Anbore Ant	2011	ragraph (g), fundamental emiss	ions from			
k sotek Anbort		ing under this section shall not l				
Anbo		Iz, 76-88 MHz, 174-216 MHz or				
tek nboten And		hese frequency bands is permit				
d' A' dek	sections of this part, e.g., §					
boten Anbo		e, the tighter limit applies at the	band edges			
the soloter		in the above table are based or				
Anbor An.		beak detector except for the free	- 200			
botek Anbo		above 1000 MHz. Radiated emi				
Ant sotek	these three bands are based on measurements employing an average					
Anbore An	detector.	k hotek Anbon	All sek abot			
Test Method:	ANSI C63.10-2020, section	1274 1276 1277	Aupo, Au			
	NOT A	orek Anboy, L An	n4 ^{n9tod}			
botek Anbo	Above 1GHz:		tation table 1 C			
ek sooten		IT was placed on the top of a ro	 DV. 			
Anbor Arr	L L D 1 100 -	t a 3 meter fully-anechoic cham	V. V. Martin V.			
botek Anbor		ermine the position of the higher				
And k botek		ers away from the interference-re				
Anboten Anb		top of a variable-height antenna				
Ar stek phot		ried from one meter to four met				
tek Anbo. A.		aximum value of the field streng				
Procedure:	•	f the antenna are set to make th	12.4			
por Arr		ssion, the EUT was arranged to				
wotek Anbore		tuned to heights from 1 meter to				
And k otek		VHz, the antenna was tuned to				
aboter And		turned from 0 degrees to 360 c	legrees to find the			
All set aboten	maximum reading.	Anboi An An	nboter Anb			
Anbor An		was set to Peak Detect Function	on and Specified			
K botek Anbor	Bandwidth with Maximum H		Anbo. A.			
Ann		e EUT in peak mode was 10dB				
tek noote. An	limit specified, then testing	could be stopped and the peak	values of the EUT			

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botek Anbotek	would be reported. Otherwise the emissions that did not have 10dB margin
And tek abotek	would be re-tested one by one using peak or average method as specified and then reported in a data sheet.
Anbor Arr	g. Test the EUT in the lowest channel, the middle channel, the Highest
nboten Anbo	channel. Me Anbort Minister Anbort Anbort
k Anbotek Anbo	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
let botek Al	case. And tek unboter Anti ak abotek Anbot At
ore All tek	i. Repeat above procedures until all frequencies measured was complete.
abotek Anbo.	Remark:
All otek Anboten	1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
Anbo k hotek	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
Anbore, And	when testing, so only above points had been displayed. The amplitude of
k botek Anbo	spurious emissions from the radiator which are attenuated more than 20dB
Anterek	below the limit need not be reported.
ptek Anbo' Ar	3. As shown in this section, for frequencies above 1GHz, the field strength
stek unboten	limits are based on average limits. However, the peak field strength of any
nbo. k h. botek	emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the
Anboten Anbe	emissions whose peak level is lower than the average limit, only the peak
hotek Anbore	measurement is shown in the report.
Ant sek abor	4. The disturbance above 18GHz were very low and the harmonics were the
Anbort An	highest point could be found when testing, so only the above harmonics had

9.1. EUT Operation

Operating Environment:

been displayed.

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.

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9.2. Test Setup

t			EUT	Spec	trum Analyzer	Arr		Anbotek	
. d	K anbotek	Anborc	A''' abotek	Anboter	And	Anbotek	Anboten	Anbo	

9.3. Test Data

Temperature:	26.3 °C	Humidity:	45 %	Atmospheric Pressure:	101 kPa
- AV	V. 10.	las.	_201		WO.

Please Refer to Appendix for Details.

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10. Band edge emissions (Radiated)

110				
	47 CFR Part 15.407(b			
in tek abote	47 CFR Part 15.407(b			
est Requirement:	47 CFR Part 15.407(b			wek .
hotek Anb	47 CFR Part 15.407(b			
And	47 CFR Part 15.407(b)(10) (10) (10)	And	botek
Anbotek A	For transmitters opera of the 5.15-5.35 GHz b			
	For transmitters opera of the 5.15-5.35 GHz b			
	For transmitters opera of the 5.47-5.725 GHz			
	For transmitters opera All emissions shall be			
	above or below the ba above or below the ba		N	
	edge increasing linear			
	below the band edge,			
	increasing linearly to a			
	MHz	MHz	MHz	GHz
		I I I I I I I I I I I I I I I I I I I		
		- V.O.' D.'		4.5-5.15
	0.090-0.110 ¹ 0.495-0.505	16.42-16.423 16.69475-	399.9-410 608-614	
Anbotek Anbotek Anbotek Anbotek	0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
Anbotek Anbotek Anbotek St Limit: Anbotek	0.090-0.110 ¹ 0.495-0.505	16.42-16.423 16.69475- 16.69525 16.80425-	399.9-410 608-614	4.5-5.15 5.35-5.46
st Limit:	0.090-0.110 ¹ 0.495-0.505 2.1735-2.1905 4.125-4.128	16.42-16.423 16.69475- 16.69525 16.80425- 16.80475 25.5-25.67	399.9-410 608-614 960-1240 1300-1427	4.5-5.15 5.35-5.46 7.25-7.75
Anborek Anborek St Limit: Anborek Anborek Anborek Anborek	0.090-0.110 ¹ 0.495-0.505 2.1735-2.1905	16.42-16.423 16.69475- 16.69525 16.80425- 16.80475	399.9-410 608-614 960-1240	4.5-5.15 5.35-5.46 7.25-7.75 8.025-8.5
Anborek Sotek Anborek Anborek Anborek Anborek Anborek Anborek	0.090-0.110 ¹ 0.495-0.505 2.1735-2.1905 4.125-4.128 4.17725-4.17775 4.20725-4.20775	16.42-16.423 16.69475- 16.69525 16.80425- 16.80475 25.5-25.67 37.5-38.25 73-74.6	399.9-410 608-614 960-1240 1300-1427 1435-1626.5 1645.5- 1646.5	4.5-5.15 5.35-5.46 7.25-7.75 8.025-8.5 9.0-9.2
st Limit: Anborek Anborek Anborek Anborek Anborek Anborek	0.090-0.110 ¹ 0.495-0.505 2.1735-2.1905 <u>4.125-4.128</u> 4.17725-4.17775	16.42-16.423 16.69475- 16.69525 16.80425- 16.80475 25.5-25.67 37.5-38.25	399.9-410 608-614 960-1240 1300-1427 1435-1626.5 1645.5-	4.5-5.15 5.35-5.46 7.25-7.75 8.025-8.5 9.0-9.2 9.3-9.5
Anbotek otek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	0.090-0.110 ¹ 0.495-0.505 2.1735-2.1905 4.125-4.128 4.17725-4.17775 4.20725-4.20775 6.215-6.218	16.42-16.423 16.69475- 16.69525 16.80425- 16.80475 25.5-25.67 37.5-38.25 73-74.6 74.8-75.2	399.9-410 608-614 960-1240 1300-1427 1435-1626.5 1645.5- 1646.5 1660-1710 1718.8-	4.5-5.15 5.35-5.46 7.25-7.75 8.025-8.5 9.0-9.2 9.3-9.5 10.6-12.7
	0.090-0.110 ¹ 0.495-0.505 2.1735-2.1905 <u>4.125-4.128</u> <u>4.125-4.128</u> <u>4.17725-4.17775</u> <u>4.20725-4.20775</u> <u>6.215-6.218</u> <u>6.26775-6.26825</u> <u>6.31175-6.31225</u> <u>8.291-8.294</u>	16.42-16.423 16.69475- 16.69525 16.80425- 16.80475 25.5-25.67 37.5-38.25 73-74.6 74.8-75.2 108-121.94 123-138	399.9-410 608-614 960-1240 1300-1427 1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2 2200-2300	4.5-5.15 5.35-5.46 7.25-7.75 8.025-8.5 9.0-9.2 9.3-9.5 10.6-12.7 13.25-13.4 14.47-14.5
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	0.090-0.110 10.495-0.505 2.1735-2.1905 4.125-4.128 4.17725-4.17775 4.20725-4.20775 6.215-6.218 6.26775-6.26825 6.31175-6.31225 8.291-8.294 8.362-8.366	16.42-16.423 16.69475- 16.69525 16.80425- 16.80475 25.5-25.67 37.5-38.25 73-74.6 74.8-75.2 108-121.94 123-138 149.9-150.05 156.52475-	399.9-410 608-614 960-1240 1300-1427 1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2	4.5-5.15 5.35-5.46 7.25-7.75 8.025-8.5 9.0-9.2 9.3-9.5 10.6-12.7 13.25-13.4
	0.090-0.110 10.495-0.505 2.1735-2.1905 4.125-4.128 4.17725-4.17775 4.20725-4.20775 6.215-6.218 6.26775-6.26825 6.31175-6.31225 8.291-8.294 8.362-8.366	16.42-16.423 16.69475- 16.69525 16.80425- 16.80475 25.5-25.67 37.5-38.25 73-74.6 74.8-75.2 108-121.94 123-138 149.9-150.05 156.52475- 156.52525	399.9-410 608-614 960-1240 1300-1427 1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2 2200-2300 2310-2390 2483.5-2500	4.5-5.15 5.35-5.46 7.25-7.75 8.025-8.5 9.0-9.2 9.3-9.5 10.6-12.7 13.25-13.4 14.47-14.5 15.35-16.2 17.7-21.4
	0.090-0.110 10.495-0.505 2.1735-2.1905 4.125-4.128 4.17725-4.17775 4.20725-4.20775 6.215-6.218 6.26775-6.26825 6.31175-6.31225 8.291-8.294 8.362-8.366 8.37625-8.38675	16.42-16.423 16.69475- 16.69525 16.80425- 16.80475 25.5-25.67 37.5-38.25 73-74.6 74.8-75.2 108-121.94 123-138 149.9-150.05 156.52475- 156.7-156.9	399.9-410 608-614 960-1240 1300-1427 1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2 2200-2300 2310-2390 2483.5-2500 2690-2900	4.5-5.15 5.35-5.46 7.25-7.75 8.025-8.5 9.0-9.2 9.3-9.5 10.6-12.7 13.25-13.4 14.47-14.5 15.35-16.2 17.7-21.4 22.01-23.12
	0.090-0.110 10.495-0.505 2.1735-2.1905 4.125-4.128 4.17725-4.17775 4.20725-4.20775 6.215-6.218 6.26775-6.26825 6.31175-6.31225 8.291-8.294 8.362-8.366 8.37625-8.38675 8.41425-8.41475	16.42-16.423 16.69475- 16.69525 16.80425- 16.80475 25.5-25.67 37.5-38.25 73-74.6 74.8-75.2 108-121.94 123-138 149.9-150.05 156.52475- 156.7-156.9 162.0125-167.17	399.9-410 608-614 960-1240 1300-1427 1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2 2200-2300 2310-2390 2483.5-2500 2690-2900 3260-3267	4.5-5.15 5.35-5.46 7.25-7.75 8.025-8.5 9.0-9.2 9.3-9.5 10.6-12.7 13.25-13.4 14.47-14.5 15.35-16.2 17.7-21.4 22.01-23.12 23.6-24.0
Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek	0.090-0.110 10.495-0.505 2.1735-2.1905 4.125-4.128 4.17725-4.17775 4.20725-4.20775 6.215-6.218 6.26775-6.26825 6.31175-6.31225 8.291-8.294 8.362-8.366 8.37625-8.38675 8.41425-8.41475 12.29-12.293	16.42-16.423 16.69475- 16.69525 16.80425- 16.80475 25.5-25.67 37.5-38.25 73-74.6 74.8-75.2 108-121.94 123-138 149.9-150.05 156.52475- 156.7-156.9 162.0125-167.17 167.72-173.2	399.9-410 608-614 960-1240 1300-1427 1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2 2200-2300 2310-2390 2483.5-2500 3260-3267 3332-3339	4.5-5.15 5.35-5.46 7.25-7.75 8.025-8.5 9.0-9.2 9.3-9.5 10.6-12.7 13.25-13.4 14.47-14.5 15.35-16.2 17.7-21.4 23.6-24.0 31.2-31.8
	0.090-0.110 10.495-0.505 2.1735-2.1905 4.125-4.128 4.17725-4.17775 4.20725-4.20775 6.215-6.218 6.26775-6.26825 6.31175-6.31225 8.291-8.294 8.362-8.366 8.37625-8.38675 8.41425-8.41475 12.29-12.293 12.51975-12.52025	16.42-16.423 16.69475- 16.69525 16.80425- 16.80475 25.5-25.67 37.5-38.25 73-74.6 74.8-75.2 108-121.94 123-138 149.9-150.05 156.52475- 156.7-156.9 162.0125-167.17 167.72-173.2 240-285	399.9-410 608-614 960-1240 1300-1427 1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2 2200-2300 2310-2390 2483.5-2500 2690-2900 3260-3267 3332-3339 3345.8-3358	4.5-5.15 5.35-5.46 7.25-7.75 8.025-8.5 9.0-9.2 9.3-9.5 10.6-12.7 13.25-13.4 14.47-14.5 15.35-16.2 17.7-21.4 22.01-23.12 23.6-24.0 31.2-31.8 36.43-36.5
	0.090-0.110 10.495-0.505 2.1735-2.1905 4.125-4.128 4.17725-4.17775 4.20725-4.20775 6.215-6.218 6.26775-6.26825 6.31175-6.31225 8.291-8.294 8.362-8.366 8.37625-8.38675 8.41425-8.41475 12.29-12.293	16.42-16.423 16.69475- 16.69525 16.80425- 16.80475 25.5-25.67 37.5-38.25 73-74.6 74.8-75.2 108-121.94 123-138 149.9-150.05 156.52475- 156.7-156.9 162.0125-167.17 167.72-173.2	399.9-410 608-614 960-1240 1300-1427 1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2 2200-2300 2310-2390 2483.5-2500 3260-3267 3332-3339	4.5-5.15 5.35-5.46 7.25-7.75 8.025-8.5 9.0-9.2 9.3-9.5 10.6-12.7 13.25-13.4 14.47-14.5 15.35-16.2 17.7-21.4 23.6-24.0 31.2-31.8

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

² Above 38.6

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NY		101	N
tek abotek		ons appearing within these fr	
Anbor An		n in § 15.209. At frequencies	
hotek Anbo		n the limits in § 15.209shall b	
And sk botek		nentation employing a CISPF	
Ano Ano		compliance with the emissio	
A. stek anbot		ed based on the average valu	
an Anbor h	emissions. The provisions i	n § 15.35apply to these mea	surements.
tek aboten Ant	v sotek Anbo		Anbe k
or An		ere in this subpart, the emiss	
hotek Anbor		t exceed the field strength lev	vels specified in the
And sk botek	following table:		
Anbore. And	Frequency (MHz)	Field strength	Measurement
the stek Anbore	Art oboten	(microvolts/meter)	distance
Anbo	K Anbore Am	aboten Anbe	(meters)
k aboten Anb	0.009-0.490	2400/F(kHz)	300
Ar. sek	0.490-1.705	24000/F(kHz)	30 noter pro
orek Anbo. A.	1.705-30.0	30 bore And	30
botek	30-88	100 **	oter 3 Anbo
nbore Ani	88-216	150 **	3 nboten
wotek Anbore	216-960	200 **	nbo 3 Alli
Anbe k sotek	Above 960	500	b3 ^{et} Anbor
aboten And	190	V MONT	- prop - sek
Att atek anbore		ragraph (g), fundamental em	
Anbo		ng under this section shall no	
lek abotek Anb		z, 76-88 MHz, 174-216 MHz	
All All	sections of this part, e.g., §	hese frequency bands is period	
hotek Anbor A		e, the tighter limit applies at th	hand edges
no at botek		in the above table are based	
Anbore An-		beak detector except for the f	
notek Anbors		above 1000 MHz. Radiated e	
And k hotek		ed on measurements employi	
. Anbote: Anc	detector.	a entriededienente entrie)	ing all aronago
Toot Mathedu And			Anboro An-
Test Method:	ANSI C63.10-2020, section	1 12.7.4, 12.7.6, 12.7.7	at hotek An
stek subote. Al	Above 1GHz:		
boot hi stek		T was placed on the top of a	
aboten Anbo		t a 3 meter fully-anechoic cha	
All stek suboter		ermine the position of the hig	
Anbor Ar stek		rs away from the interference	
botek Anbo		top of a variable-height anter	
Ant abot		ried from one meter to four m	
ek anbore Ant		aximum value of the field stre	
Procedure:		the antenna are set to make	
boten And	1.0.1	ssion, the EUT was arranged	
stek unbote.		uned to heights from 1 meter	
Anbo, h. h.		/Hz, the antenna was tuned	
aboten Anbo		turned from 0 degrees to 36	U degrees to find the
All tek abotek	maximum reading.	Anboi An An	anboten Anbo
Anbor An		was set to Peak Detect Fund	ction and Specified
K botek Anbor	Bandwidth with Maximum H		ID L Anboy AV
Anu		e EUT in peak mode was 10c	
	uppert an a ditia di than ta atin d	could be stopped and the pe	ak values of the ELIT

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nbotek Anbotek	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.
Ante Anbotek Anbot	g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
Anbotek An	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
	And Case. And And And And And And And
	i. Repeat above procedures until all frequencies measured was complete.
hotek Anbor	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.
All sek	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

10.1. EUT Operation

been displayed.

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.

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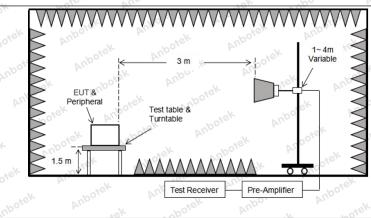




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10.2. Test Setup



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10.3. Test Data

Temperature:	26.3 °C	Humidi	ty: 45 %	nbote	Atmospheric Press	ure: 101 kPa
204	- A	. No. P		26.	10×	set bo.

TM1 / Band: 5150-5350 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	38.73	o ^{tek} 15.99 M ⁰	54.72	68.20	-13.48	Lotek H	poterPeak Ant			
5150.00	41.12	15.99	57.11	68.20	-11.09	V	Peak			
5150.00	28.19	15.99	44.18	54.00	-9.82	And H tek	AVG			
5150.00	30.72	15.99	46.71	54.00	-7.29	ANV	AVG			

TM1 / Band: 5150-5350 MHz / BW: 20 / H

Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
38.70	16.43	55.13	68.20	-13.07	н	Peak
42.76	16.43	59.19	68.20	-9.01	And Vek	Peak
30.66	16.43	47.09	54.00	-6.91	AnH	AVG
30.92	16.43	47.35	54.00	-6.65	Wpoter	AVG
	(dBuV) 38.70 42.76 30.66	(dBuV) (dB/m) 38.70 16.43 42.76 16.43 30.66 16.43	(dBuV)(dB/m)(dBuV/m)38.7016.4355.1342.7616.4359.1930.6616.4347.09	(dBuV)(dB/m)(dBuV/m)(dBuV/m)38.7016.4355.1368.2042.7616.4359.1968.2030.6616.4347.0954.00	(dBuV)(dB/m)(dBuV/m)(dBuV/m)(dB)38.7016.4355.1368.20-13.0742.7616.4359.1968.20-9.0130.6616.4347.0954.00-6.91	(dBuV) (dB/m) (dBuV/m) (dBuV/m) (dB) Pol. 38.70 16.43 55.13 68.20 -13.07 H 42.76 16.43 59.19 68.20 -9.01 V 30.66 16.43 47.09 54.00 -6.91 H

Remark: 1. Result=Reading + Factor

TM2 / Band: 5150-5350 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	37.04	15.99	53.03	68.20	-15.17	Hootek	Peak
5150.00	38.91	15.99	54.90	68.20	-13.30	K V nbote	Peak
5150.00	27.76	^{ek} 15.99 ⁰⁰⁰	43.75	54.00 M	-10.25	H H	otek AVG MO
5150.00	28.59	15.99 pm	44.58	54.00	10 ^{010K} -9.42 An	V	AVG

TM2 / Band: 5150-5350 MHz / BW: 20 / H

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5350.00	39.18	16.43	55.61	68.20	-12.59	K H potel	Peak
5350.00	39.90	16.43 ^{00%}	56.33	68.20	-11.87 ⁰⁰¹	V	re ^k Peak noo
5350.00	29.37	16.43	45.80 M	54.00	o ^{nex} -8.20 pm	H Ant	AVG
5350.00	31.30	16.43	47.73	54.00	-6.27	nboter A	AVG

Remark: 1. Result=Reading + Factor

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Jan	-1001 P.1		de.	0 ¹	19.	NO' P	10 ·
		TM2 / B	and: 5150-53	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
5150.00	38.38	15.99	54.37	68.20	-13.83	K Hanboren	Peak
5150.00	40.07 of	15.99	56.06	68.20 ⁰⁰	-12.14	otek V Anbo	Peak
5150.00	29.11	o ^{tek} 15.99 ^{knb}	45.10	54.00	-8.90	Workek H	oote AVG AN
5150.00	29.54	15.99	45.53	54.00	-8.47	V	AVG
		TM2 / B	and: 5150-53	350 MHz / BV	V: 40 / H	200.54	
	Deedine	Fastan	Desult	Lingit		Antonno	

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5350.00	39.35	16.43	55.78	^{68.20}	-12.42	tek H anbot	Peak
5350.00	37.74	o ^{tek} 16.43 n ^{bc}	54.17	68.20	-14.03	V	po ^{tek} Peak M ¹⁰
5350.00	30.36	16.43	46.79	54.00	-7.21	WOO. H	AVG
5350.00	31.88	16.43	48.31	54.00	-5.69	AnborV	AVG
011.			N.	~0 ⁷	DIL	194	100

Remark: 1. Result=Reading + Factor

	TM3 / Band: 5150-5350 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	39.00	15.99	54.99	68.20	-13.21	UnboteH 1	Peak			
5150.00	41.07	15.99	57.06	68.20	-11.14	Vek	Peak			
5150.00	27.67	15.99	43.66	54.00	-10.34	Hotek	AVG			
5150.00	30.50	15.99	46.49	54.00	-7.51	V bote	AVG			

TM3 / Band: 5150-5350 MHz / BW: 20 / H

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5350.00	38.99	16.43	55.42	68.20	-12.78	^{no} H ^{ek}	Peak
5350.00	39.08	16.43	55.51	68.20	-12.69	Votek	Peak
5350.00	29.22	16.43	45.65	54.00	-8.35	H	AVG
5350.00	30.42	16.43	46.85	54.00	-7.15 pote	Vanbo	AVG

Remark: 1. Result=Reading + Factor

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		TM3 / E	Band: 5150-53	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
5150.00	37.79	15.99	53.78	68.20	-14.42	Hay Ha	Peak
5150.00	37.60	15.99	53.59	68.20	-14.61	V ^{upo}	Peak
5150.00	28.77 ⁰⁰⁰	15.99	44.76 m ⁰⁰	54.00	-9.24	otek H Anbo	AVG
5150.00	28.71	15.99	44.70	54.00 M	-9.30	botek V Ar	AVG

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5350.00	39.62	16.43	56.05	68.20	-12.15	H ^{∩b}	Peak
5350.00	38.29	16.43	× 54.72 vo	68.20	-13.48	rek V Anboi	Peak
5350.00	28.60	16.43	45.03	54.00 M	-8.97	Lotek H An	AVG ANG
5350.00	30.01	16.43	46.44	54.00	-7.56	V	AVG
Domork: 1 D	Dooult-Doodi	ag I Eastar	bore	Pur	Nek	UUpo.	Yo.

Remark: 1. Result=Reading + Factor

TM3 / Band: 5150-5350 MHz / BW: 80 / L

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5150.00	o ^{rek} 37.13 pr ^{b6}	15.99	53.12	68.20	-15.08	potek H Ant	Peak
5150.00	38.81	15.99	54.80	68.20	-13.40	Product	Peak
5150.00	29.11	15.99	45.10	54.00	-8.90	Hek	AVG
5150.00	28.58	15.99	44.57	54.00	-9.43	Votek	AVG

TM3 / Band: 5150-5350 MHz / BW: 80 / H

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5350.00	40.67	16.43	57.10	68.20	-11.10	abotek P	Peak
5350.00	39.34	16.43	55.77	68.20	-12.43	N. Vek	Peak
5350.00	31.64	16.43	48.07	54.00	-5.93	And H dek	AVG
5350.00	29.85	16.43	46.28	54.00	-7.72	PV	AVG

Remark: 1. Result=Reading + Factor

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Report No.	: 182512	C40026110	4 ⊢ Band: 5150-5;	CC ID: 2A4	hotek Ant	Page	46 of 73
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5150.00	39.07	15.99	55.06	68.20	-13.14	HA HA	Peak
5150.00	41.15	15.99	57.14	68.20	-11.06	K Whore	Peak
5150.00	27.71	15.99	43.70 M	54.00	-10.30	otek H Anbo	AVG
5150.00	30.56	15.99	46.55	54.00	-7.45	nbotek V Ar	AVG
		TM4 / B	and: 5150-53	350 MHz / BV	V: 20 / H		
	Deeding	F eeter	Desult	L incli		Antonno	

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5350.00	39.03	16.43	55.46	68.20	-12.74	Hupp	Peak
5350.00	39.11	16.43	× 55.54 vot	68.20	-12.66	tek V Anbor	Peak
5350.00	29.27	^{oten} 16.43 ^{MN}	45.70	54.00 M	-8.30	Lotek H An	AVG ANG
5350.00	30.49	16.43	46.92	54.00	-7.08	V	AVG
Domorky 1 F		na I Destar	hore	Am	Nek	Upo.	Yo.

Remark: 1. Result=Reading + Factor

	TM4 / Band: 5150-5350 MHz / BW: 40 / L									
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector			
5150.00	37.86	15.99 _N	53.85	68.20	-14.35	H H	Peak			
5150.00	37.64	15.99	53.63	68.20	-14.57	AnborV	Peak			
5150.00	28.87	15.99	44.86	54.00	-9.14	Anth	AVG			
5150.00	28.78	15.99	44.77	54.00	-9.23	Voore	AVG			

тма /	Band.	5150-5350	BIN /	iл / Ц
1 114 /	Danu.	5150-5350	DVV.4	iυ / Π

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5350.00	39.68	16.43	56.11	68.20	-12.09	Aupo, H	Peak
5350.00	38.33	16.43	54.76	68.20	-13,44	AnbV	Peak
5350.00	28.64	16.43	45.07	54.00	-8.93	Hotek	AVG
5350.00	30.10	16.43	46.53	54.00	-7.47	K V botel	AVG

Remark: 1. Result=Reading + Factor

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		TM4 / B	and: 5150-53	350 MHz / BV	V: 80 / L		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5150.00	37.17	15.99	53.16	68.20	-15.04	Hay Hay	Peak
5150.00	38.89	15.99	54.88	68.20	-13.32	Vupor	Peak
5150.00	^{29.20}	15.99	15.19 m ⁰⁶	54.00	-8.81	otek H Anbo	AVG
5150.00	28.64	15.99	44.63	54.00	-9.37	nbotek V Ar	AVG
		TM4 / B	and: 5150-53	850 MHz / BV	V: 80 / H		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5350.00	40.75	16.43	57.18	68.20	-11.02	HUDD	Peak
5350.00	39.41	16.43	× 55.84 vot	68.20	-12.36	tek V Anbor	Peak
5350.00	31.74	16.43	48.17	o ^{te 5} 4.00 ph	-5.83	Lotek H AN	AVG AVG
5350.00	29.91	16.43	46.34	54.00	-7.66	V	AVG

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		TM1 / E	Band: 5470-5	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
5460.00	40.17	16.37	56.54	68.20	-11.66	Hoter.	Peak
5460.00	42.28	16.37	58.65	68.20	-9.55	V V botek	Peak
5470.00	41.10	16.70	57.80	68.20	-10.40	H	e Peak
5470.00	42.57	16.70	59.27 M	68.20	-8.93 no	oter V And	Peak
5460.00	30.22	16.37	46.59	54.00 M	-7.41	botek H A	AVG
5460.00	30.27	16.37	46.64	54.00	-7.36	V	AVG
5470.00	30.49	16.70	47.19	54.00	-6.81	And H. ek	AVG
5470.00	31.78	16.70	48.48	54.00	-5.52	Mag	AVG
		TM1 / E	Band: 5470-58	850 MHz / BV	V: 20 / H		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5850.00	41.48	17.21	58.69	68.20	-9.51	Lotek H An	Peak 🏁
5850.00	42.21	17.21	59.42	68.20	-8.78	V	Peak
5850.00	31.10	17.21	48.31	54.00	-5.69	Aupo H	AVG
5850.00	30.75	17.21	47.96	54.00	-6.04	NN	AVG

Remark: 1. Result=Reading + Factor

26	sr aps	17 C	-V 101	DU		Per 191	1
		TM2 / B	and: 5470-58	350 MHz / BV	V: 20 / L		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5460.00	40.32	16.37	56.69	68.20	-11.51	AND H	Peak
5460.00	41.45	16.37	57.82	68.20	-10.38	Antopi	Peak
5470.00	40.43	16.70	57.13	68.20	-11.07	Hooter	Peak
5470.00	41.40	16.70	58.10	68.20	-10.10	V Note	Peak
5460.00	28.25	16.37	44.62	54.00	-9.38 m ^o	HAUP	AVG N
5460.00	29.22	16.37	45.59	54.00	-8.41	potek V Anb	AVG
5470.00	28.69	0 ⁰⁰ 16.70	45.39	54.00	-8.61	HISTOR	AVG
5470.00	29.76	16.70	46.46	54.00	-7.54	And Vak	AVG
		TM2 / B	and: 5470-58	350 MHz / BV	V: 20 / H		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5850.00	39.72	17.21	56.93	68.20	-11.27	Haupa	Peak
5850.00	39.79	17.21	57.00	68.20	-11.21	otek V Anbr	Peak
5850.00	30.53	p ^{ote} 17.21 M ^{nt}	47.74	54.00	-6.26	HVat	NO AVG
5850.00	30.63	17.21	47.84	54.00	-6.16	KND VK	AVG
Remark: 1. F	Result=Readi	ng + Factor	aboter	Ano	Lotek	Anbore	P.I.

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							NUD.
		TM2 / E	Band: 5470-5	850 MHz / B\	N: 40 / L		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5460.00	39.90	16.37	56.27	68.20	-11.93	H	Peak
5460.00	41.33	16.37	57.70	68.20	-10.50	V	Peak
5470.00	40.73	16.70	57.43	68.20	-10.77	otek H Anbr	Peak
5470.00	41.94	16.70	58.64	68.20	-9.56	V Yet	Peak M
5460.00	28.48	16.37	44.85	54.00	-9.15	WD H	AVG
5460.00	29.81	16.37	46.18	54.00	-7.82	AnborV	AVG
5470.00	28.68	16.70	45.38	54.00	-8.62	"Byter	AVG
5470.00	29.49	16.70	46.19	54.00	-7.81	V botek	AVG
		TM2 / E	Band: 5470-58	850 MHz / BV	N: 40 / H		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5850.00	40.26	17.21	57.47	68.20	-10.73	No. H	Peak
5850.00	40.10	17.21	57.31	68.20	-10.89	Anbote	Peak
5850.00	30.62	17.21	47.83	54.00	-6.17	Hick	AVG
5850.00	31.17	17.21	48.38	54.00	-5.63	N. V. otek	AVG

Remark: 1. Result=Reading + Factor

Su VUD.		tek nbo	bu.	N N	oter Anu		-tek
		TM3 / B	and: 5470-58	850 MHz / BV	N: 20 / L		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5460.00	39.19	16.37	55.56	68.20	-12.65	Hong	Peak
5460.00	38.43	16.37	54.80	68.20	-13.40	Votek	Peak
5470.00	39.77	16.70	56.47	68.20	-11.74	Ĥ	Peak
5470.00	39.23	16.70	55.93	68.20	-12.27	VANDU	Peak
5460.00	29.28 m ⁰⁰	16.37	45.65	54.00	-8.35	otek H Anb	AVG
5460.00	30.81	o ^{**} 16.37	47.18	54.00	-6.82	Wate	AVG
5470.00	29.56	16.70	46.26	54.00	-7.74	AUD H	AVG
5470.00	31.27	16.70	47.97	54.00	-6.03	Anb	AVG
		TM3 / B	and: 5470-58	350 MHz / BV	V: 20 / H		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detecto
5850.00	39.93	17.21	57.14	68.20 ⁰⁰⁰	-11.07	otek H Anto	Peak
5850.00	40.45	o ^{te 1} 7.21	57.66	68.20	-10.54 M	V	Peak
5850.00	29.44	17.21	46.65	54.00	-7.35	M ^{bor} H	AVG
5850.00	31.23	17.21	48.44	54.00	-5.56	Noda	AVG
Remark: 1. F	Result=Readi	ng + Factor	Altek	oboten	And	hotek	Anbor

Remark: 1. Result=Reading + Facto

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		TM3 / E	Band: 5470-58	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
5460.00	37.95	16.37	54.32	68.20	-13.88	Hoter	Peak
5460.00	38.93	16.37	55.30	68.20	-12.90	V V botek	Peak
5470.00	38.38	16.70	55.08	68.20	-13.12 ^{°°}	H	Peak
5470.00	39.27	16.70	55.97 m ⁰⁰	68.20	-12.23	oten V Anos	Peak
5460.00	28.59	16.37	44.96	54.00	-9.04	botek H Ar	AVG
5460.00	28.54	16.37	44.91	54.00	-9.09	V	AVG
5470.00	28.84	16.70	45.54	54.00	-8.46	Anbe H	AVG
5470.00	29.35	16.70	46.05	54.00	-7.95	And	AVG
		TM3 / E	Band: 5470-58	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	39.12	17.21 ^{Anv}	56.33	68.20	-11.87	Lotek H AN	Peak
5850.00	40.67	17.21	57.88	68.20	-10.32	V	Peak
5850.00	29.30	17.21	46.51	54.00	-7.49	Anbo'H	AVG
5850.00	29.46	17.21	46.67	54.00	-7.33	V	AVG

Remark: 1. Result=Reading + Factor

						24	
		TM3 / B	and: 5470-58	850 MHz / BV	V: 80 / L		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5460.00	37.05	16.37	53.42	68.20	-14.78	H ^{rode} H	Peak
5460.00	39.12	16.37	55.49	68.20	-12.71	Ne ^k	Peak
5470.00	37.41	16.70	54.11	68.20	-14.09	Ann H tek	Peak
5470.00	40.07	16.70	56.77	68.20	-11.43	V	Peak
5460.00	28.22	16.37	44.59	54.00	-9.41	ek Hanbor	AVG
5460.00	28.43	16.37	44.80	54.00 ⁰⁰	-9.20	tek V	oten AVG MA
5470.00	28.97	16.70	45.67	54.00	-8.33 M	H N	AVG
5470.00	28.64	16.70	45.34	54.00	-8.66	Anbore V	AVG
		TM3 / B	and: 5470-58	850 MHz / BV	V: 80 / H		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5850.00	40.52	17.21	57.73	68.20	-10.47	K Hunbote	Peak
5850.00	40.09	17.21	57.30	68.20	-10.90	V V	Peak no
5850.00	31.82	17.21	49.03 ^{MD}	54.00	ot ^{ek} -4.97 pm	H Pri	AVG
5850.00	30.29	17.21	47.50	54.00	-6.50	nboter P	AVG
Remark 1	Result=Readin	a + Eactor	VL.	~ oter	Anbo	*ek	abore

Remark: 1. Result=Reading + Factor

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		TM4 / E	Band: 5470-58	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
5460.00	39.13	16.37	55.50	68.20	-12.70	Hoter	Peak
5460.00	38.41	16.37	54.78	68.20	-13.42	V votek	Peak
5470.00	39.71	16.70	56.41	68.20	-11.79	H	👌 Peak 🔊
5470.00	39.21	16.70	o ^{tek} 55.91 n ^{bo}	68.20	-12.29	oter V And	Peak
5460.00	29.25	16.37	45.62	54.00	-8.38	NOTEKH AT	AVG
5460.00	30.75	16.37	47.12	54.00	-6.88	V	AVG
5470.00	29.53	16.70	46.23	54.00	-7.77	And H ok	AVG
5470.00	31.21	16.70	47.91	54.00	-6.09	AUA	AVG
		TM4 / B	and: 5470-58	350 MHz / BV	V: 20 / H		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5850.00	39.87	17.21	57.08	68.20	-11.12	Notek H AN	Po ^{ver} Peak
5850.00	40.41	17.21	57.62	68.20	-10.58	V	Peak
5850.00	29.40	17.21	46.61	54.00	-7.39	Anbo. H	AVG
5850.00	31.17	17.21	48.38	54.00	-5.62	V	AVG

Remark: 1. Result=Reading + Factor

	- <u>- 1</u>		<u>_V</u>			19 <u>8</u>	
		TM4 / B	and: 5470-58	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
5460.00	37.91	16.37	54.28	68.20	-13.92	AND H	Peak
5460.00	38.90	16.37	55.27	68.20	-12.93	Anto	Peak
5470.00	38.34	16.70	55.04	68.20	-13.16	Hoter	Peak
5470.00	39.24	16.70	55.94	68.20	-12.26	V Note	Peak
5460.00	28.56	16.37	44.93	54.00	-9.07	HAM	AVG NO
5460.00	28.51	16.37	44.88	54.00	-9.12	potek V Anb	AVG
5470.00	28.81	0 ⁰¹⁰ 16.70	45.51	54.00	-8.49	, H ^{ore} H	AVG
5470.00	29.32	16.70	46.02	54.00	-7.98	And Ver	AVG
		TM4 / B	and: 5470-58	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	39.08	17.21	56.29	68.20	-11.91	H>np-	Peak
5850.00	40.61 m ^o	17.21	57.82	68.20	-10.38	otek V Anbe	Peak
5850.00	29.26	o ^{oten} 17.21 Ant	46.47	54.00	-7.53	HVate	NO AVG
5850.00	29.40	17.21	46.61	54.00	-7.39	KND VK	AVG
Remark: 1. F	Result=Readi	ng + Factor	aboten	AND	otek	anbor	VI

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botek Α **Product Safety**

		TM4 / E	and: 5470-58	850 MHz / BV	V: 80 / L		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5460.00	37.01	16.37	53.38	68.20	-14.82	ATH OTON	Peak
5460.00	39.06	16.37	55.43	68.20	-12.77	V V botek	Peak
5470.00	37.37	· 16.70	54.07	68.20	-14.13°°`	H	Peak of
5470.00	40.01	16.70	o ^{xex} 56.71 _{×n^{b0}}	68.20	-11.49 no	oter V And	Peak
5460.00	28.15	16.37	44.52	54.00	-9.48	boteKH A	AVG
5460.00	28.39	16.37	44.76	54.00	-9.24	V	AVG
5470.00	28.90	16.70	45.60	54.00	-8.40	And H	AVG
5470.00	28.60	16.70	45.30	54.00	-8.70	And	AVG
		TM4 / B	and: 5470-58	350 MHz / BV	V: 80 / H		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5850.00	40.44	17.21 ^{Anu}	57.65	68.20	-10.55	Lotek H An	Peak
5850.00	40.03	17.21	57.24	68.20	-10.96	V	Peak
5850.00	31.72	17.21	48.93	54.00	-5.07	Anbo'H	AVG
5850.00	30.23	17.21	47.44	54.00	-6.56	NV	AVG

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11. Undesirable emission limits (below 1GHz)

Test Requirement:	47 CFR Part 15.407(b)(9)	Anborer Anb	botek Anbo.
Anbotek Anbotek K unbotek Anbotek	strength limits set forth in	And tek obotek	Anbotek Anb
otek Anbotek An		here in this subpart, the emissio ot exceed the field strength leve	
Anbotek Anbotek	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
Anbote: Ano	0.009-0.490 0.490-1.705	2400/F(kHz) 24000/F(kHz)	300 30
tek anborek Ant	1.705-30.0 30-88	30 100 **	30 3
Test Limit:	88-216 216-960	150 ** 200 **	X 3 nboto
ntek nboter	Above 960	500	of 3 Anto
nbotek Anboten Anb Nbotek Anbotek Anbotek Anbotek Anbotek Anbotek	The emission limits shown employing a CISPR quasi 90 kHz, 110–490 kHz and	§§ 15.231 and 15.241. ve, the tighter limit applies at the n in the above table are based of i-peak detector except for the fre I above 1000 MHz. Radiated em sed on measurements employing	n measurements quency bands 9– ission limits in
Test Method:	ANSI C63.10-2020, section	on 12.7.4, 12.7.5	Anbo tek ant
ek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	meters above the ground was rotated 360 degrees b. The EUT was set 3 or 2	UT was placed on the top of a ro at a 3 meter semi-anechoic char to determine the position of the I 10 meters away from the interfer	mber. The table highest radiation. ence-receiving
Anbotek Anbotek Anbotek Anbotek	c. The antenna height is v ground to determine the r	nted on the top of a variable-heig varied from one meter to four me naximum value of the field streng of the antenna are set to make t	ters above the gth. Both horizonta
Procedure:	and then the antenna was test frequency of below 30	nission, the EUT was arranged to s tuned to heights from 1 meter to OMHz, the antenna was tuned to	o 4 meters (for the heights 1 meter)
Anbotek Anbotek	maximum reading.	as turned from 0 degrees to 360 m was set to Peak Detect Functi	botek Anbor
Ant Anbotek Anbotek	Bandwidth with Maximum f. If the emission level of t	Hold Mode. he EUT in peak mode was 10dB	lower than the
ak Anbore Ant		g could be stopped and the peak wise the emissions that did not h	

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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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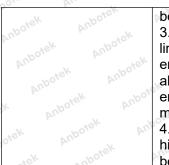
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below the limit need not be reported.

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.

11.1. 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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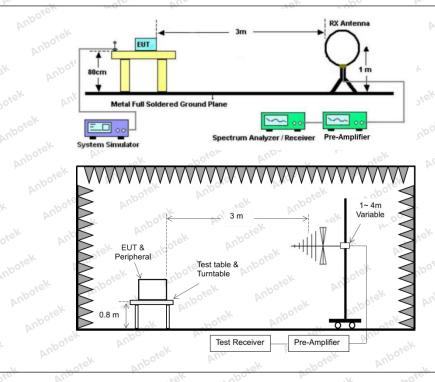




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11.2. Test Setup



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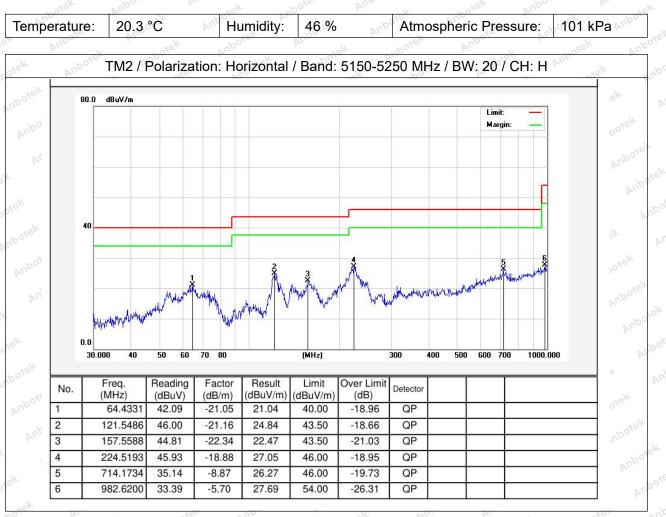
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11.3. Test Data

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

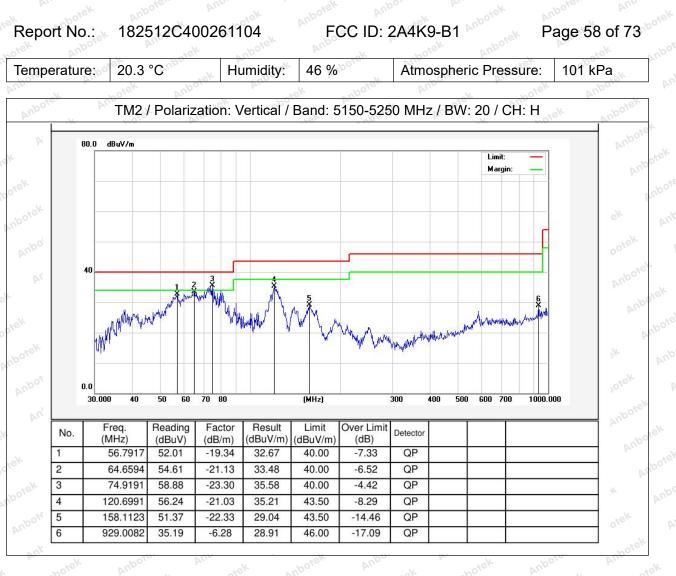


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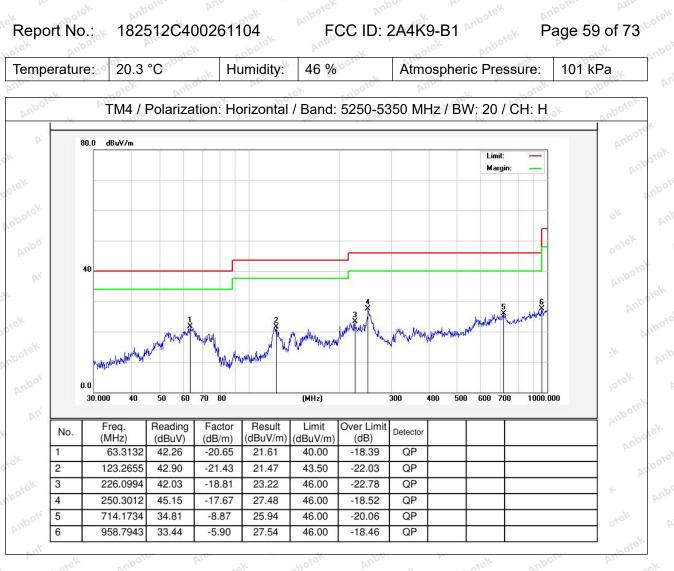




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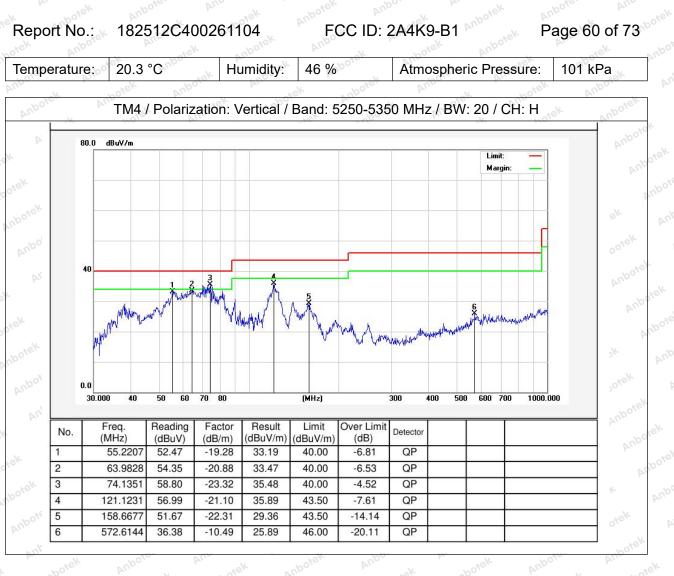




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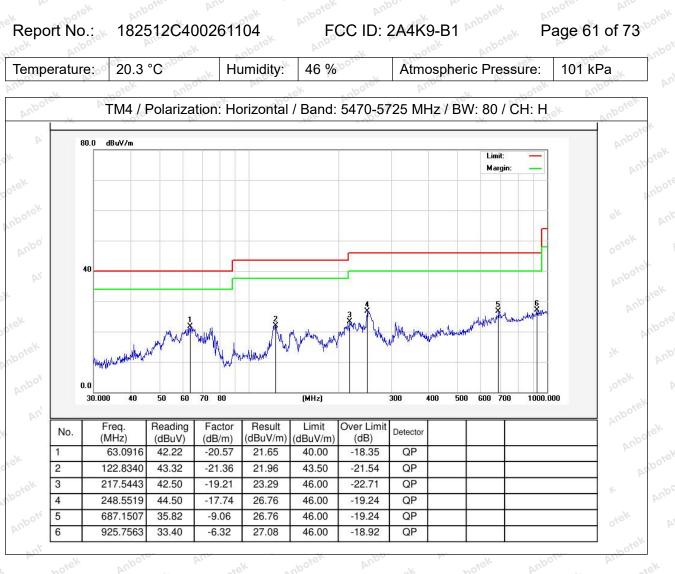




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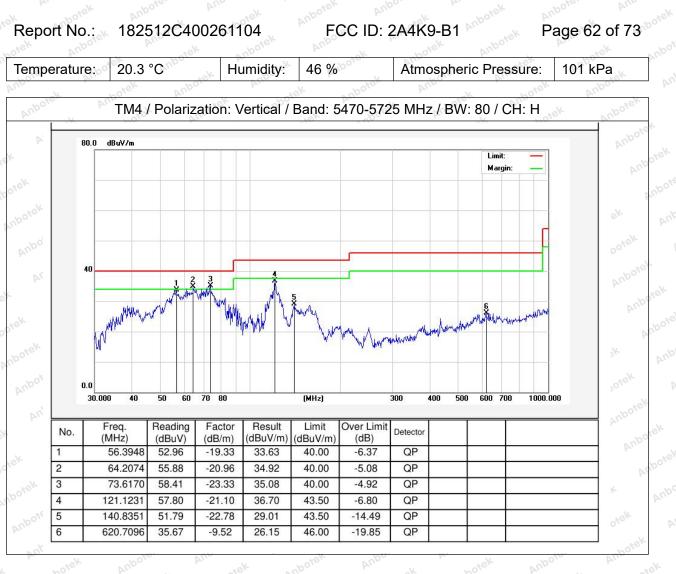




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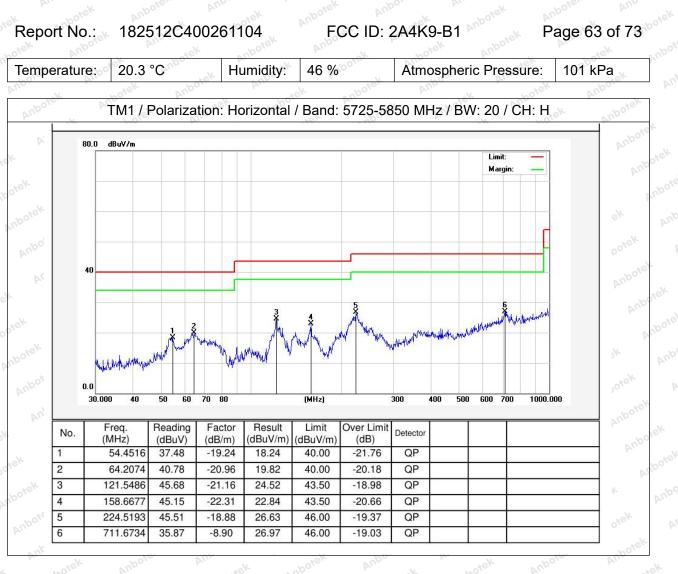




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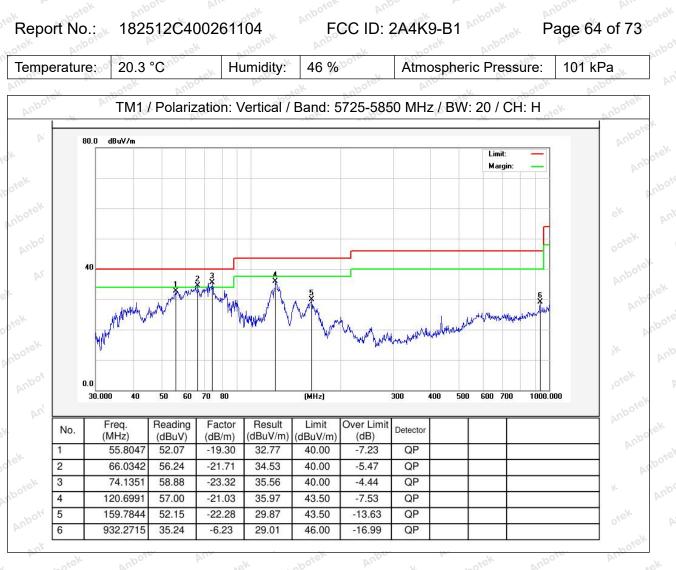




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Note:Only record the worst data in the report.

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12. Undesirable emission limits (above 1GHz)

	<u>, 100, 15, 100, 100, 100, 100, 100, 100,</u>	A CAR AND A	No. of the second secon	- option - option
	CFR Part 15.407(b			
	CFR Part 15.407(b			
	CFR Part 15.407(b			
	CFR Part 15.407(b			
Ant 47	CFR Part 15.407(b)(10)	And	botek
		ting in the 5.15-5.25 band shall not exceed		
		ting in the 5.25-5.35 band shall not exceed		
		ting in the 5.47-5.725 band shall not excee		
All	emissions shall be	ting solely in the 5.72 limited to a level of −	27 dBm/MHz at	75 MHz or more
tek Anbol abo	ove or below the ba	nd edge increasing li nd edge, and from 25	5 MHz above or	below the band
bole And bel	ow the band edge,	ly to a level of 15.6 d and from 5 MHz abov	ve or below the	band edge
botek Anborg incl	reasing linearly to a	a level of 27 dBm/MH	z at the band ed	ge?
Mayor yes	Hz And	MHz Mhore	MHz	GHz
Anbore Ante O.	090-0.110	16.42-16.423	399.9-410	4.5-5.15
Anbotek Anon).495-0.505	16.69475- 16.69525	608-614	5.35-5.46
h. sek	1735-2.1905	16.80425- 16.80475	960-1240	7.25-7.75
Limit: 4.	125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.	125-4.128 17725-4.17775	25.5-25.67 37.5-38.25	1300-1427 1435-1626.5	8.025-8.5 9.0-9.2
both historiek 4.				
Anbotek Anbotek 4.	17725-4.17775	37.5-38.25	1435-1626.5 1645.5-	9.0-9.2
Amborek Anbore 4.	17725-4.17775 20725-4.20775	37.5-38.25 73-74.6	1435-1626.5 1645.5- 1646.5	9.0-9.2 9.3-9.5
4. 4. 4. 6. 6.	17725-4.17775 20725-4.20775 215-6.218 26775-6.26825	37.5-38.25 73-74.6 74.8-75.2 108-121.94	1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2	9.0-9.2 9.3-9.5 10.6-12.7 13.25-13.4
4. 4. 4. 6. 6. 6. 8.	17725-4.17775 20725-4.20775 215-6.218 26775-6.26825 31175-6.31225	37.5-38.25 73-74.6 74.8-75.2 108-121.94 123-138	1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2 2200-2300	9.0-9.2 9.3-9.5 10.6-12.7 13.25-13.4 14.47-14.5
4. 4. 4. 4. 4. 6. 6. 6. 8. 8.	17725-4.17775 20725-4.20775 215-6.218 26775-6.26825	37.5-38.25 73-74.6 74.8-75.2 108-121.94	1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2	9.0-9.2 9.3-9.5 10.6-12.7 13.25-13.4
4. 4. 4. 4. 4. 6. 6. 6. 8. 8.	17725-4.17775 20725-4.20775 215-6.218 26775-6.26825 31175-6.31225 291-8.294 362-8.366	37.5-38.25 73-74.6 74.8-75.2 108-121.94 123-138 149.9-150.05 156.52475- 156.52525	1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2 2200-2300 2310-2390 2483.5-2500	9.0-9.2 9.3-9.5 10.6-12.7 13.25-13.4 14.47-14.5 15.35-16.2 17.7-21.4
4. 4. 4. 6. 6. 6. 8. 8. 8. 8. 8. 8.	17725-4.17775 20725-4.20775 215-6.218 26775-6.26825 31175-6.31225 291-8.294 362-8.366 37625-8.38675	37.5-38.25 73-74.6 74.8-75.2 108-121.94 123-138 149.9-150.05 156.52475- 156.52525 156.7-156.9	1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2 2200-2300 2310-2390 2483.5-2500 2690-2900	9.0-9.2 9.3-9.5 10.6-12.7 13.25-13.4 14.47-14.5 15.35-16.2 17.7-21.4 22.01-23.12
4. 4. 4. 4. 6. 6. 6. 6. 8. 8. 8. 8. 8. 8. 8. 8.	17725-4.17775 20725-4.20775 215-6.218 26775-6.26825 31175-6.31225 291-8.294 362-8.366 37625-8.38675 41425-8.41475	37.5-38.25 73-74.6 74.8-75.2 108-121.94 123-138 149.9-150.05 156.52475- 156.52525 156.7-156.9 162.0125-167.17	1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2 2200-2300 2310-2390 2483.5-2500 2690-2900 3260-3267	9.0-9.2 9.3-9.5 10.6-12.7 13.25-13.4 14.47-14.5 15.35-16.2 17.7-21.4 22.01-23.12 23.6-24.0
4. 4. 4. 4. 6. 6. 6. 6. 8. 8. 8. 8. 8. 12	17725-4.17775 20725-4.20775 215-6.218 26775-6.26825 31175-6.31225 291-8.294 362-8.366 37625-8.38675 41425-8.41475 2.29-12.293	37.5-38.25 73-74.6 74.8-75.2 108-121.94 123-138 149.9-150.05 156.52475- 156.52525 156.7-156.9 162.0125-167.17 167.72-173.2	1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2 2200-2300 2310-2390 2483.5-2500 2690-2900 3260-3267 3332-3339	9.0-9.2 9.3-9.5 10.6-12.7 13.25-13.4 14.47-14.5 15.35-16.2 17.7-21.4 22.01-23.12 23.6-24.0 31.2-31.8
4. 4. 4. 4. 4. 4. 6. 6. 6. 8. 8. 8. 12 12	17725-4.17775 20725-4.20775 215-6.218 26775-6.26825 31175-6.31225 291-8.294 362-8.366 37625-8.38675 41425-8.41475 2.29-12.293 2.51975-12.52025	37.5-38.25 73-74.6 74.8-75.2 108-121.94 123-138 149.9-150.05 156.52475- 156.52525 156.7-156.9 162.0125-167.17 167.72-173.2 240-285	1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2 2200-2300 2310-2390 2483.5-2500 2690-2900 3260-3267 3332-3339 3345.8-3358	9.0-9.2 9.3-9.5 10.6-12.7 13.25-13.4 14.47-14.5 15.35-16.2 17.7-21.4 22.01-23.12 23.6-24.0 31.2-31.8 36.43-36.5
4. 4. 4. 6. 6. 6. 8. 8. 8. 8. 8. 8. 12 12 12	17725-4.17775 20725-4.20775 215-6.218 26775-6.26825 31175-6.31225 291-8.294 362-8.366 37625-8.38675 41425-8.41475 2.29-12.293	37.5-38.25 73-74.6 74.8-75.2 108-121.94 123-138 149.9-150.05 156.52475- 156.52525 156.7-156.9 162.0125-167.17 167.72-173.2	1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2 2200-2300 2310-2390 2483.5-2500 2690-2900 3260-3267 3332-3339	9.0-9.2 9.3-9.5 10.6-12.7 13.25-13.4 14.47-14.5 15.35-16.2 17.7-21.4 22.01-23.12 23.6-24.0 31.2-31.8

²Above 38.6

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No. Pr.	der nov	No. Pr.	der.
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	not exceed the limits shown 1000 MHz, compliance with using measurement instrum detector. Above 1000 MHz 15.209shall be demonstrat emissions. The provisions	ions appearing within these frec n in § 15.209. At frequencies eq h the limits in § 15.209shall be on nentation employing a CISPR q , compliance with the emission ed based on the average value in § 15.35apply to these measu	ual to or less than demonstrated juasi-peak limits in § of the measured rements.
Anbotek Anbotek		ere in this subpart, the emission at exceed the field strength level	
Anbore Ant Anborek Anborek	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
ek aboten Anbo	0.009-0.490	2400/F(kHz)	300
All	0.490-1.705	24000/F(kHz)	30,0000000
otek Anbo. A.	1.705-30.0	30 porter Amo	30
ket botek	30-88	100 **	3 Ando
pribote Anti-	88-216	150 ** Anboic Au	3 aboret
hotek Anbor	216-960	200 **	3
And sk botek	Above 960	500	b3 Anboi
Anbore An.	100	aragraph (g), fundamental emiss	sions from
k hotek Anbor		ing under this section shall not	
Antiok		Iz, 76-88 MHz, 174-216 MHz or	
rek unbore An		these frequency bands is permi	
w wotek	sections of this part, e.g., §		Anbore Al
aboten Andrewsky		e, the tighter limit applies at the	band edges.
atek anbote	The emission limits shown	in the above table are based or	n measurements
Anbe k botek	employing a CISPR quasi-	peak detector except for the free	quency bands 9–
Anboten Anb	90 kHz, 110–490 kHz and a	above 1000 MHz. Radiated emi	ission limits in
A. stek unbore	- 0. · · · · · · · · · · · · · · · · · ·	ed on measurements employing	g an average
Anbo	detector.	ek aboten Anbo	notek Anbor
Test Method:	ANSI C63.10-2020, section	ו 12.7.4, 12.7.6, 12.7.7	And stek on
stek suboten l	Above 1GHz:		And
npo' A' stek	a. For above 1GHz, the EU	JT was placed on the top of a ro	tating table 1.5
aboten Anbu	1.0 ° DO -	it a 3 meter fully-anechoic cham	- Val
All stek suboten		ermine the position of the highe	
Anbo. A. del		ers away from the interference-r	
botek Anbo		top of a variable-height antenn	
Alteration		ried from one meter to four met	
tek Anbor Ar		aximum value of the field streng	
Procedure:		f the antenna are set to make the	
por An-		ssion, the EUT was arranged to	
hotek Anbor		tuned to heights from 1 meter to MHz, the antenna was tuned to	
An- botek			
Anbore Ans	maximum reading.	s turned from 0 degrees to 360 o	
botek Anbote		was set to Peak Detect Function	on and Specified
And	Bandwidth with Maximum I		
ek nbote. And		e EUT in peak mode was 10dB	lower than the
y wotek M		could be stopped and the peak	
ter prov r	in the openine of the stand	seals be stopped and the pour	

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ek obotek	would be reported. Otherwise the emissions that did not have 10dB margin
Anbors An. botek	would be re-tested one by one using peak or average method as specified
unboren Anu	and then reported in a data sheet.
A. Anbotek Anbote	g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
k anbotek Anbo	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
k hotek A	case.
oten Andrak	i. Repeat above procedures until all frequencies measured was complete.
otek Moote.	Remark:
inde	1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
Anboten And	2. Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low.
h. Lotek Anbore	The points marked on above plots are the highest emissions could be found
And ak ho	when testing, so only above points had been displayed. The amplitude of
k anbote. And	spurious emissions from the radiator which are attenuated more than 20dB
at hotek Al	below the limit need not be reported.
oter And Jok	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
potek Anbore	emission shall not exceed the maximum permitted average limits specified
not botek	above by more than 20 dB under any condition of modulation. For the
Anbore Ant ek	emissions whose peak level is lower than the average limit, only the peak
botek Anbor	measurement is shown in the report.
Ant ek bot	4. The disturbance above 18GHz were very low and the harmonics were the
Anbor An	highest point could be found when testing, so only the above harmonics had

12.1. EUT Operation

been displayed.

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.

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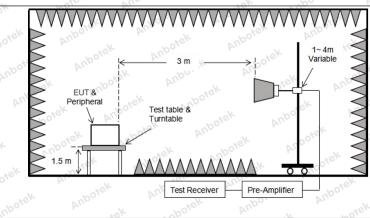




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12.2. Test Setup



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12.3. Test Data

Temperature:	20.3 °C	nbu	Humidity:	46 % M ^{bo}		Atmospher	ic Pressure:	101 kPa	K
Ann	hotek	Anbor	br.	stek an	pore.	Ann	at both	sk Aupo.	

		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	31.53	23.81 M	55.34	68.20	-12.86	V	po Peak
15540.00	32.91	28.68	61.59	68.20	-6.61	Mbo V	Peak
10360.00	31.99	23.81	55.80	68.20	-12.40	Anboth	Peak
15540.00	32.97	28.68	61.65	68.20	-6.55	Art Over	Peak
10360.00	20.962	23.81	44.77	54.00	-9.23	V botek	AVG
15540.00	22.091	28.68	50.77	54.00	-3.23	V	AVG NO
10360.00	21.182	23.81	^{44.99}	54.00	orek -9.01 prof	H Ann	AVG
15540.00	21.633	28.68	50.31	54.00	-3.69	nboten H Ar	AVG
		TM2 / Ban	d: 5150-5250	MHz / BW:	20 / CH: M		

		iniz / Ban					
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
10400.00	30.89	23.81	54.70	68.20	-13.50	Kupote	Peak
15600.00	32.44	29.13	61.57	68.20	-6.63	rek V nbot	Peak
10400.00	31.48	23.81 m ^{oo}	55.29	68.20	-12.91	H	po ^{te^VPeak pn^b}
15600.00	32.49	29.13	o ^{ne} 61.62 ^{Mr}	68.20	-6.58	Noo, H	Peak
10400.00	21.232	23.81	45.04	54.00	-8.96	Anborv	AVG
15600.00	22.211	29.13	51.34	54.00	-2.66	Nek	AVG
10400.00	21.172	23.81	44.98	54.00	-9.02	Hotek	AVG
15600.00	21.713	29.13	50.84	54.00	-3.16	H	AVG

TM2 / 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	30.46	23.80	54.26	68.20	-13.94	AND VK	Peak
15720.00	31.92	30.03	61.95	68.20	-6.25	An ^b O	Peak
10480.00	31.12	23.80	54.92	68.20	-13.28	0,400 ter	Peak
15720.00	31.40	30.03	61.43	68.20	-6.77	ek H _{nb} ote	Peak
10480.00	19.90	23.80	43.70	54.00 vo	-10.30	V	otek AVG AND
15720.00	20.97	30.03	51.00 ^{mb}	54.00		V	AVG
10480.00	20.38	23.80	44.18	54.00	-9.82	Anbote H P	AVG
15720.00	20.50	30.03	50.53	54.00	-3.47	nb H ^K	AVG

Remark:

- 1. Result =Reading + Factor
- 2. Only the worst case is recorded in the report.

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		TM4 / Bar	nd: 5250-535	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
10520.00	27.96	23.81	51.77	68.20	-16.43	Nº VA	Peak
15780.00	29.42	30.48	59.90	68.20	-8.30	K VAnbore	Peak
10520.00	28.83	23.81	52.64	68.20	-15.56	Net H Motor	Peak
15780.00	27.86	30.48 M	58.34	68.20	-9.86 M	H	Peak
10520.00	17.719	23.81	41.53	54.00	-12.47	V Por	AVG
15780.00	19.510	30.48	49.99	54.00	-4.01	AnboV	AVG
10520.00	19.288	23.81	43.10	54.00	-10.90	, dotek	AVG
15780.00	18.563	30.48	49.04	54.00	-4.96	H bokek	AVG
		TM4 / Bar	d: 5250-5350	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
10600.00	29.15	23.87	53.02	68.20	-15.18	V	Peak
15900.00	28.47	31.38	59.85	68.20	-8.35	AnbolV	Peak
10600.00	28.13	23.87	52.00	68.20	-16.20	H ⁿ A	Peak
15900.00	28.28	31.38	59.66	68.20	-8.54	Anborer	Peak
10600.00	18.389	23.87	42.26	54.00	-11.74	ek V not	AVG
15900.00	19.260	× 31.38 × °	50.64	54.00	-3.36	V	AVG
10600.00	18.568	23.87	42.44 M	54.00	-11.56	ibore H An	AVG
15900.00	18.713	31.38	50.09	54.00	-3.91	Anbot H	AVG
	·	TM4 / Bar	nd: 5250-535	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
10640.00	28.49	23.90	52.39	68.20	-15.81	ek V Anbor	Peak
15960.00	27.97 no ^d	31.83	59.80	68.20	-8.40	otek V Ant	Peak M
10640.00	28.50	23.90	52.40	68.20	15.80 ^{MC}	H	Peak
15960.00	27.84	31.83	59.67	68.20	-8.53	Anbo H	Peak
10640.00	17.13	23.90	41.03	54.00	-12.97	Anb	AVG
15960.00	18.22	31.83	50.05	54.00	-3.95	Nootek	AVG
10640.00	17.74	23.90	41.64	54.00	-12.36	H H bote	AVG
15960.00	19.03	31.83	50.86	54.00	-3.14 ^{nb0}	H	AVG

Remark:

1. Result =Reading + Factor

2. Only the worst case is recorded in the report.

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		TM4 / Bar	nd: 5470-572	5 MHz / BW:	80 / CH: L		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
11060.000	26.34	24.06	50.40	68.20	-17.80	PN O	Peak
16590.000	27.38	32.78	60.16	68.20	-8.04	K VAnbore	Peak
11060.000	× 27.41	24.06	51.47	× 68.20	-16.73	H H More	Peak
16590.000	27.47	o ^{vex} 32.78 pm ^b	60.25	68.20	o ^{oten} -7.95 And	H	Peak
11060.000	16.66	24.06	40.72	54.00	-13.28	Inbo V A	AVG
16590.000	18.11	32.78	50.89	54.00	-3.11	Anboy	AVG
11060.000	16.98	24.06	41.04	54.00	-12.96	Hotek	AVG
16590.000	17.76	32.78	50.54	54.00	-3.46	Hotek	AVG
		TM4 / Bar	nd: 5470-572	5 MHz / BW:	80 / CH: H		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
11220.000	26.29	24.06	50.35	68.20	-17.85	V	Peak
16830.000	27.30	32.78	60.08	68.20	-8.12	AND V OK	Peak
11220.000	27.32	24.06	51.38	68.20	-16.82	PULA	Peak
16830.000	27.38	32.78	60.16	68.20	-8.04	Hupoter	Peak
11220.000	16.60	24.06	40.66	54.00	-13.34	rek V noot	AVG
16830.000	18.03	32.78	50.81	54.00	-3.19 ¹⁰⁰	V	AVG
11220.000	16.93	24.06	o ¹⁶ 40.99 M	54.00	-13.01	Por H Pri	AVG
16830.000	17.70	32.78	50.48	54.00	-3.52	nboten H	AVG

Remark:

1. Result =Reading + Factor

2. Only the worst case is recorded in the report.

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		TM1 / Bar	d: 5725-585	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
11490.000	28.67	23.36	52.03	68.20	-16.17	V4	Peak
17235.000	30.14	31.97	62.11	68.20	-6.09	K Vanbore	Peak
11490.000	29.30	23.36	52.66	68.20 ⁰⁰¹	-15.54	tek H nba	Peak
17235.000	30.30	o ^{vex} 31.97 pm ⁰	62.27	68.20	-5.93 And	H	Peak
11490.000	18.09	23.36	41.45	54.00	-12.55	Inbor V A	AVG
17235.000	18.97	31.97	50.94	54.00	-3.06	Anbot	AVG
11490.000	18.33	23.36	41.69	54.00	-12.31	Hotek	AVG
17235.000	18.20	31.97	50.17	54.00	-3.83	H botek	AVG
		TM1 / Ban	d: 5725-5850	MHz / BW:	20 / CH: M		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
11570.000	29.25	23.42	52.67	68.20	-15.53	V	Peak
17355.000	30.02	32.18	62.20	68.20	-6.00	And V ok	Peak
11570.000	29.50	23.42	52.92	68.20	-15.28	Hra H	Peak
17355.000	30.39	32.18	62.57	68.20	-5.63	Hupoter	Peak
11570.000	19.358	23.42	42.78	54.00	-11.22	ek V noot	AVG
17355.000	19.292	32.18 m ^o	51.47	54.00	-2.53 -2.53	V	AVG
11570.000	19.325	23.42	42.74	54.00	-11.26	Pour H Pu	AVG
17355.000	18.583	32.18	50.76	54.00	-3.24	AnbotH	AVG
		TM1 / Ban	d: 5725-5850	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
11650.000	28.76	23.49	52.25	68.20	-15.95	ek V Anbor	Peak
17475.000	× 30.26	32.39	62.65	68.20 M	-5.55	otek V Ant	Peak
11650.000	29.24	23.49	52.73	68.20	-15.47	H	Peak
17475.000	30.00	32.39	62.39	68.20	-5.81	Anbo H	Peak
11650.000	18.43	23.49	41.92	54.00	-12.08	Anbli	AVG
17475.000	19.09	32.39	51.48	54.00	-2.52	Nooter	AVG
11650.000	18.50	23.49	41.99	54.00	-12.01	K H bote	AVG
17475.000	18.55	32.39	50.94	54.00	-3.06	H	AVG

Remark:

1. Result =Reading + Factor

2. Only the worst case is recorded in the report.

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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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