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Report No.:1813C40065012504 FCC ID: 2BLVV-BW4

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FCC Test Report

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Applicant

Shenzhen EagletVision Intelligence Technology Co., Ltd.

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Address

VStarcam Industrial Park, No. 8 Bao Tian Rd, Shuitian Community, Shiyan Town, Bao'an District, Shenzhen City, Guangdong Province, China

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Product Name

Battery camera

Report Date

Oct. 31, 2024

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Shenzhen Anbotek Compliance Laboratory Limited

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







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Report No.:1813C40065012504 Anbotek FCC ID: 2BLVV-BW4

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Shenzhen Anbotek Compliance Laboratory Limited

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



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

,botek Hotline 400-003-0500 www.anbotek.com Anb

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Report No.:1813C40065012504 FCC ID: 2BLVV-BW4 Page 4 of 70

	DUL	514	19 ⁵⁵
	Anbotek Anbor	~oto¥	TEST REPORT
tek	Applicant		Shenzhen EagletVision Intelligence Technology Co., Ltd.
nbc	Manufacturer	P.	Shenzhen EagletVision Intelligence Technology Co., Ltd.
0	Product Name	:	Battery camera
	Model No.	iek hbotek	BW4, BW4-PLUS, BW6 ,BW6-H, BW8, QW5, QW5-2, QW5-3, QW6, QW13, QW13-2, QW15, QW15-4, BG6, BG6-H, BG8, QG5, QG5-2, QG5-3, QG6, QG13, QG13-2, QG15, QG15-4, MG3, MW6, QC3, QC6, QC6-2, QC6-3, DW7
	Trade Mark	Anbo	N/A Anborek Anborek Anborek Anborek Anborek Anborek
	Rating(s)	: .	Input: 5V-1.5A (with DC 3.7V, 5000mAh battery inside)
¥	Test Standard(s)	tek	47 CFR Part 15E ANSI C63.10-2020 KDB 789033 D02 General UNII Test Procedures New Rules v02r01 KDB 905462 D03 Client Without DFS New Rules v01r02
	The device described	abov	e is tested by Shenzhen Anbotek Compliance Laboratory Limited to

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

Date of Receipt:

Date of Test:

Prepared By:

Sept. 05, 2024

Sept. 06, 2024 to Oct. 15, 2024

ecilia Chen

(Cecilia Chen)

(KingKong Jin)

Approved & Authorized Signer:

Shenzhen Anbotek Compliance Laboratory Limited

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

Hotline 400-003-0500 www.anbotek.com





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Anbotek potek **Revision History**

Report Version	Description	Issued Date	
R00	Original Issue.	Oct. 31, 2024	Anbolek
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otek Shenzhen Anbotek Compliance Laboratory Limited

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

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1. General Information

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1.1. Client Information

Applicant	:	Shenzhen EagletVision Intelligence Technology Co., Ltd.
Address	:	VStarcam Industrial Park, No. 8 Bao Tian Rd, Shuitian Community, Shiyan Town, Bao'an District, Shenzhen City, Guangdong Province, China
Manufacturer	:	Shenzhen EagletVision Intelligence Technology Co., Ltd.
Address	:	VStarcam Industrial Park, No. 8 Bao Tian Rd, Shuitian Community, Shiyan Town, Bao'an District, Shenzhen City, Guangdong Province, China
Factory	:	Shenzhen EagletVision Intelligence Technology Co., Ltd.
Address	:	VStarcam Industrial Park, No. 8 Bao Tian Rd, Shuitian Community, Shiyan Town, Bao'an District, Shenzhen City, Guangdong Province, China

1.2. Description of Device (EUT)

Product Name	: Battery camera
Model No.	BW4, BW4-PLUS, BW6, BW6-H, BW8, QW5, QW5-2, QW5-3, QW6, QW13, QW13-2, QW15, QW15-4, BG6, BG6-H, BG8, QG5, QG5-2, QG5- 3, QG6, QG13, QG13-2, QG15, QG15-4, MG3, MW6, QC3, QC6, QC6-2, QC6-3, DW7 (Note: All samples are the same except the model number, so we prepare "BW4" for test only.)
Trade Mark	: N/AAndoten And woter Andoter Andot tek prootek
Test Power Supply	: DC 5V from adapter input AC 120V/60Hz; DC 3.7V Battery inside
Test Sample No.	: 1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	: N/AK Anbolek Anbolek Anbolek Anbole k
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 2A: 5270MHz to 5670MHz; U-NII Band 3: 5755MHz to 5795MHz;
Number of Channel	802.11a/n(HT20)/ac(VHT20)/ax(HEW20): U-NII Band 1: 4; U-NII Band 2A: 4; U-NII Band 2C: 11; : U-NII Band 3: 5 802.11n(HT40)/ac(VHT40)/ax(HEW40): U-NII Band 1: 2;

Shenzhen Anbotek Compliance Laboratory Limited

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

Hotline 400-003-0500 www.anbotek.com

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Report No.:1813C40065012504 FCC ID: 2BLVV-BW4

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- V.L.	<u>}</u>	U-NII Band 2C: 5; U-NII Band 3: 2
Modulation Type	:	802.11a: OFDM(BPSK, QPSK, 16QAM, 64QAM); 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM); 802.11ax: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM)
Device Type	:	Client Devices
DFS Type	:	Slave without radar detection
Antenna Type	:	FPC Antenna Antopek Antopek Antopek Antopek A
TPC Function	<u>:</u>	Without TPC
Antenna Gain(Peak)	:	WiFi 5.2G: 5.82dBi WiFi 5.3G: 5.82dBi WiFi 5.6G: 5.58dBi WiFi 5.8G: 4.47dBi
		ation are provided by customer. eatures description, please refer to the manufacturer's specifications or the

1.3. Auxiliary Equipment Used During Test

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User's Manual.

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Product Safety

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Title	Manufacturer	Model No.	Serial No.
Xiaomi 33W adapter	Xiaomi	MDY-11-EX	SA62212LA04358J
ROG Rapture Quad- band Gaming Router	ASUSTeK Computer Inc	GT-AXE16000 (FCC ID: MSQ-RTAX5D00 IC: 3568A-RTAX5D00)	RAIG5D2020695NL
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1.4. Operation channel list

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. A	1.4. Operation	channel list	hotek Anbotek	Anbo	Anbotek	Anbor A.
bore	Operation Band:	U-NII Band 1	no var	otek Anbo.	A notek	Anbore
Anboten	Bandwidth:	20MHz	Bandwidth:	40MHz	Bandwidth:	80MHz
Anbo	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
P	Note \$36 Ant	5180	tek 38 nbotek	5190	42	Anbote 5210 And
iek v	40	5200 And 5200	tek 46 nbote	5230	All I otek	Anboten
upoter L	Ant 44 tek	5220	noo	potek / Anboro	Att obotek	AnXoten
Anboten	48	5240	Anbo	nbotek / Anb	ak Am	ek Anbotek
Anb	Operation Band	LLNII Band 24	Anbortek	A. nbotek	Anbore. An	botek Anbotek

Anbe **Operation Band: U-NII Band 2A**

<i>h</i> .	Operation Band:	U-NII Band 2A	t abolek	And	hotek Al	POL A.	- rek
1	Bandwidth:	20MHz	Bandwidth:	40MHz	Bandwidth:	80MHz	-tek
ek	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Anbo
Lote	52°°'	5260	nbo ¹ 54 A	5270	otek 58 Anboter	5290	
<i>UD</i>	otek 56 Anbotek	5280	62	5310	botek Anbo	ten / Anu	.×
An	Lotek 60 Anbo	5300	k hotek	Anboro	Am boter A	upoten Aup	l vek
	And 64	nbotek 5320 Anbot	lek / nbotek	Alooto.	All	Anboten Ar	lo-
	And	tek an	00. k.	ok shoke.	Ann	1. Otek	ANDS

Operation Band: U-NII Band 2C

Operation Band	I: U-NII Band 2C	An An		Se Aun	19K
Bandwidth:	20MHz	Bandwidth:	40MHz	Bandwidth:	80MHz
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Anbotek 100 M	5500	102 ¹⁰⁰¹⁰	5510	106	5530
104	5520	botek 110 Anbote	5550	122	5610
108	5540	abote 118 Ant	V NO	tek Anbotek	And
112	5560	126	5630 Am	hotek / Anbote	Aupo tek
otek 116 ho	5580	134	5670	nu stek/ ant	potek / Anbors
120	Notek 5600	ak abotek	Anypten	Anbo	Anbotek Anbo
Anbor 124	nbote 5620 Anb	And	K Anbotek	And	Anbo
128 ×	5640	hore An	otek Anbotek	Ann	Andotek
132	5660	Anborek An	botek Anbe	pter / And	ek Anbotek
og ^{tek} 136 ^{, nbote}	5680	Anboron	Annaborde	Inpolek / Aupo	otek Anbotek
nbotek 140 Anb		A Moorek	And	Anbotek Ar	rek I nbo
A MD	Aupore Aur	otek Anbotek	Alle	Anbotek	Anborek A
h. bolek	Anbotek Ant	or And Anbol	ter Ann	r nbotek	And

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Report No.:1813C40065012504 Anbotek FCC ID: 2BLVV-BW4 Anbote Anbotek

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Operation Band:	ore Am	ek Anbotek	Anbotek Anbotek	Anbotek	Anboten And
Operation Band:	U-NII Band 3	tek nbote	And	hotek	Anbo
Bandwidth:	20MHz	Bandwidth:	40MHz	Bandwidth:	80MHz
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Lotek 149 Anbote	5745	151	5755	hote 155 An	5775 ⁶
153 An	o ^{tek} 5765 ^{4,000}	159 nbotek	5795	Amodek	Anboten / An
157	Andote 5785 And	tek / nbote	K Anboro	An	Anboten
Anii 161 _{tek}	5805	nbo lek ni	potek / Anbore	An botek	AnXoten
165	5825	Anbo	nbotek / Anb	Ann Not	sk Anboten
1.5. Descriptio	on of Test Mod	es Anbore Lek	Amabotek	Anboten Ano	hotek Anbot

Anbott Pandy LL NIII Pand 2 Ő.,

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1.5. Description of Test Modes

v. v. v	Descriptions
Andotek TM1 Andotek	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.
Anboten Ano	Only the data of worst case is recorded in the report.
Anboltek Anbolter TM2 ok obr	Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11n modulation type. All bandwidth and
K Anbolek Anb	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.
otek TM3 stotek	Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11ac modulation type. All bandwidth and
Anbotek TWIS Anbo	data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.
Anbore All	Keep the EUT connect to AC power line and works in continuously
TM4 Anbor	transmitting mode with 802.11ax modulation type. All bandwidth and
Ant botek Ant	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	Keep the EUT works in normal operating mode and connect to companion device
bore. Aun	

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1.6. Measurement Uncertainty

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Parameter	Uncertainty
Conducted emissions (AMN 150kHz~30MHz)	3.4dB
Dwell Time hootek Anbolto Androsek	2%hoter Anbotek Anbotek Anbotek
Occupied Bandwidth	925Hzbolet And Anderek Ander
Conducted Output Power	0.76dB Anbolet And And Anbolet A
Power Spectral Density	0.76dB
Conducted Spurious Emission	1.24dB
Radiated spurious emissions (above 1GHz)	1G-6GHz: 4.78dB; 6G-18GHz: 4.88dB 18G-40GHz: 5.68dB
Radiated emissions (Below 30MHz)	3.53dB And
Radiated spurious emissions (30MHz~1GHz)	Horizontal: 3.92dB; Vertical: 4.52dB
The measurement uncertainty and decision risk ev	aluated according to AR/M/LPE E 032

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

AND

1.7. Test Summary

Test Items	Test Modes	Status
Conducted Emission at AC power line	Mode1,2,3,4	INDOLO P
Duty Cycle	Mode1,2,3,4	Anb P
Emission bandwidth and occupied bandwidth	Mode1,2,3,4	1P1000
Maximum conducted output power	Mode1,2,3,4	P Anb
Power spectral density	Mode1,2,3,4	o ^{tek} P
Channel Move Time, Channel Closing Transmission Time	Mode5	AnboteP
DFS Detection Thresholds	Mode5	AnbPiek
Band edge emissions (Conducted)	Mode1,2,3,4	Pnote
Band edge emissions (Radiated)	Mode1,2,3,4	r P
Undesirable emission limits (below 1GHz)	Mode1,2,3,4	otek P
Undesirable emission limits (above 1GHz)	Mode1,2,3,4	P

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N: N/A, not applicable

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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

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

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.
 - 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

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20°	Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
Aupo	- lek	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	2024-01-18	2025-01-17
Þ	A. 2001	Three Phase V- type Artificial Power Network	CYBERTEK	EM5040DT	E215040D T001	2024-01-17	2025-01-16
8K	3 🄊	Software Name EZ-EMC	Farad Technology	ANB-03A	N/A	Ant	Anoptek
poter	4	EMI Test Receiver	Rohde & Schwarz	ESPI3	100926	2024-09-09	2025-09-08

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Emission bandwidth and occupied bandwidth Maximum conducted output power

Power spectral density

Channel Move Time, Channel Closing Transmission Time

DFS Detection Thresholds

Band edge emissions (Conducted)

Duty Cycle

Oyeic	NOV NV	· · · ·	202		6
Equipment	Manufacturer	Model No.	Serial No.	Last Cal. ⁰⁰	Cal.Due Date
Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ- KHWS80B	poter N/A	2023-10-16	2024-10-15
DC Power Supply	IVYTECH	IV3605	1804D360 510	2024-09-09	2025-09-08
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102150	2024-05-06	2025-05-05
MXA Spectrum Analysis	KEYSIGHT	N9020A	MY505318 23	2024-09-09	2025-09-08
Oscilloscope	Tektronix	MDO3012	C020298	2024-10-10	2025-10-09
MXG RF Vector Signal Generator	Agilent	N5182A	MY474206 47	2024-02-04	2025-02-03
	Equipment Constant Temperature Humidity Chamber DC Power Supply Spectrum Analyzer MXA Spectrum Analysis Oscilloscope MXG RF Vector	EquipmentManufacturerConstant Temperature Humidity ChamberZHONGJIANDC Power SupplyIVYTECHSpectrum AnalyzerRohde & SchwarzMXA Spectrum AnalysisKEYSIGHTOscilloscopeTektronixMXG RF VectorAgilent	EquipmentManufacturerModel No.Constant Temperature Humidity ChamberZHONGJIANZJ- KHWS80BDC Power SupplyIVYTECHIV3605Spectrum AnalyzerRohde & SchwarzFSV40-NMXA Spectrum AnalysisKEYSIGHTN9020AOscilloscopeTektronixMDO3012MXG RF VectorAgilentN5182A	EquipmentManufacturerModel No.Serial No.Constant Temperature Humidity ChamberZHONGJIANZJ- KHWS80BN/ADC Power SupplyIVYTECHIV36051804D360 510Spectrum AnalyzerRohde & SchwarzFSV40-N102150MXA Spectrum AnalysisKEYSIGHTN9020AMY505318 23OscilloscopeTektronixMDO3012C020298MXG RF VectorAgilentN5182AMY474206	EquipmentManufacturerModel No.Serial No.Last Cal.Constant Temperature Humidity ChamberZHONGJIANZJ- KHWS80BN/A2023-10-16DC Power SupplyIVYTECHIV36051804D360 5102024-09-09Spectrum AnalyzerRohde & SchwarzFSV40-N1021502024-05-06MXA Spectrum AnalysisKEYSIGHTN9020AMY505318 232024-09-09OscilloscopeTektronixMDO3012C0202982024-10-10MXG RF VectorAgilentN5182AMY4742062024.02.04

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Бапи	edge emissions (Ra	diated)	Anbor	hotek	Anboten	And
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Dat
_e 1	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22
2.K	EMI Preamplifier	SKET Electronic	LNPA- 0118G-45	SKET-PA- 002	2024-01-17	2025-01-16
3,00	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	2022-10-16	2025-10-15
4	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	Anbolek	Anbo
5	Horn Antenna	A-INFO	LB-180400- KF	J21106062 8	2024-01-22	2027-01-21
^{tek} 6	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102150	2024-05-06	2025-05-05
n ^b 7 ^{ten}	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2024-05-07	2025-05-06

× 1	Unde	sirable emission limi	ts (below 1GHz)	Anbo	w. botek	Anbote	Ann
otek	ltem	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
	tel.	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22
VUR	2,0	Pre-amplifier	SONOMA	310N 100	186860	2024-01-17	2025-01-16
0	3	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	2022-10-23	2025-10-22
r	4	Loop Antenna (9K- 30M)	Schwarzbeck	FMZB1519 B	00053	2024-09-12	2025-09-11
ovel	⊾5	EMI Test Software EZ-EMC	SHURPLE SHURPLE	N/A	N/A N/A	Aupolen	Anbo Jobolek
	No.	boren A	np otek	VUpor.	- Pro-	ek nbot	bu.

Item	em Equipment Manufacture		Model No.	Serial No.	Last Cal.	Cal.Due Dat
1 A ⁿ	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
3	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	2022-10-16	2025-10-15
4	EMI Test Software EZ-EMC	SHURPLE	otek N/A And	N/A	nbotek / A	hotek A
5	Horn Antenna	A-INFO	LB-180400- KF	J21106062 8	2024-01-22	2027-01-21
6	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102150	2024-05-06	2025-05-05
o ^{rel} 7	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2024-05-07	2025-05-06
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, nbotel 2. Conducted Emission at AC power line

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Test Requirement:	47 CFR Part 15.207(a)	An. atek Anbote	se Aun
r clek	Frequency of emission (MHz)	Conducted limit (dBµV)	otek A
otek Anb	Anbors An	Quasi-peak	Average
- where a poten	0.15-0.5	66 to 56*	56 to 46*
Test Limit:	0.5-5 oter And	56 ^K Anbo	46
hotek Anbor	5-30 tek npoter A	60 hotek	50
And lek noot	*Decreases with the logarithm of the	ne frequency.	Anboter
Test Method:	ANSI C63.10-2020 section 6.2	abotek Anbo	V N

2.1. EUT Operation

hotek Ar	1: 802.11a mode: Keep the EUT connect to AC power line and works in continuously
nbotek	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
A. Stek	recorded in the report.
Anbo	2: 802.11n mode: Keep the EUT connect to AC power line and works in continuously
nboter	transmitting mode with 802.11n modulation type. All bandwidth and data rates has
Þ.	been tested and found the data rate @ MCS0 is the worst case. Only the data of
est mode:	worst case is recorded in the report.
-de	3: 802.11ac mode: Keep the EUT connect to AC power line and works in
nbors A	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
~otek	the data of worst case is recorded in the report.
Ano	4: 802.11ax mode: Keep the EUT connect to AC power line and works in
Anbote.	continuously transmitting mode with 802.11ax modulation type. All bandwidth and
h otek	data rates has been tested and found the data rate @ MCS0 is the worst case. Only
AUD	the data of worst case is recorded in the report.

2.2. Test Setup

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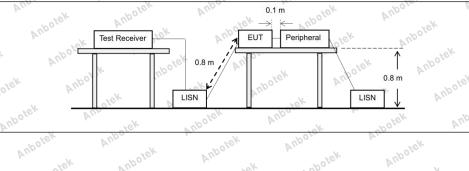
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Report No.:1813C40065012504 FCC ID: 2BLVV-BW4

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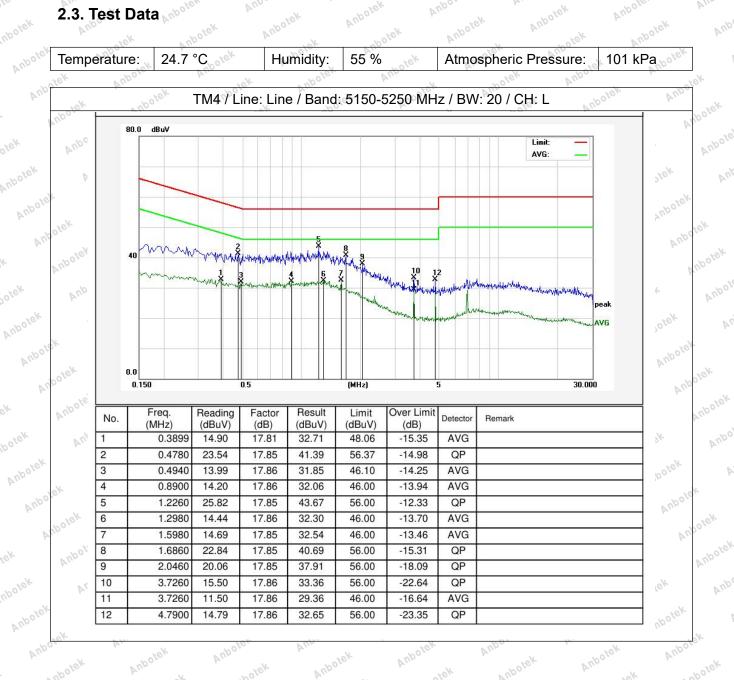
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2.3. Test Data



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					()		-		Anbotel
No.	Freq.	Reading	Factor	Result	Limit	Over Limit	Detector	Remark	
-	(MHz) 0.3180	(dBuV) 25.15	(dB) 17.84	(dBuV) 42.99	(dBuV) 59.76	(dB) -16.77	QP	5	Ant
1	0.5340		17.86	32.42	46.00	-13.58	AVG		
	0.0200.2002.0202	3	17.87	43.24	56.00	-12.76	QP	3	
3	0.7780		Contraction Contraction	32.84	46.00	-13.16	AVG	1	
3	0.7780		17.86	02.04					
3	1	14.98	17.86 17.86	42.15	56.00	-13.85	QP		-V-
3 4	1.0420	14.98 24.29			56.00 46.00	-13.85 -13.59	QP AVG		botek
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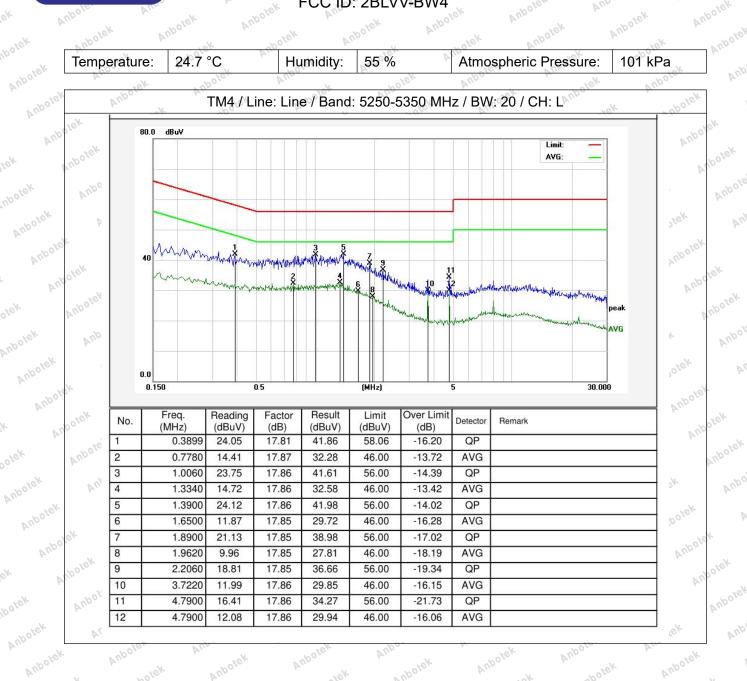
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1	0.418	. S	17.82	42.20	57.49	-15.29	QP		-
13	0.638	5454 STOCKERS	17.87	32.34	46.00	-13.66	AVG	<u>.</u>	
4	0.778		17.87	41.88	56.00	-14.12	QP		- 34
5	1.134	40 24.65	17.86	42.51	56.00	-13.49	QP	5	-ak
6	1.314	40 14.36	17.86	32.22	46.00	-13.78	AVG		botek
7	1.554	40 22.27	17.85	40.12	56.00	-15.88	QP		_
8	1.626	07.04	17.85	29.98	46.00	-16.02	AVG		Anbote
9	1.858	80 20.53	17.85	38.38	56.00	-17.62	QP		
10	1.962		17.85	27.80	46.00	-18.20	AVG		Pr.
		10 0 10	17.85	25.95	46.00	-20.05	AVG	3	
11	2.354		17.85	25.94	50.00	-24.06	AVG		

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	Freq.	Reading	Factor	Result	Limit	Over Limit	[Anbote
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1	0.4980	14.17	17.86	32.03	46.03	-14.00	AVG	0	
1	0.7780	14.50	17.87	32.37	46.00	-13.63	AVG	с	
3	0.8660	23.70	17.86	41.56	56.00	-14.44	QP	8	46
4	1.2340	24.16	17.85	42.01	56.00	-13.99	QP		34
5	1.2380	14.22	17.85	32.07	46.00	-13.93	AVG		botek
6	1.5940	13.39	17.85	31.24	46.00	-14.76	AVG	2	100.
7	1.6100	22.82	17.85	40.67	56.00	-15.33	QP		Anbolt
8	1.9260	9.90	17.85	27.75	46.00	-18.25	AVG		And
9	2.0500	COC 0.001 76904	17.85	37.49	56.00	-18.51	QP		Ar
10	2.6619		17.85	29.49	46.00	-16.51	AVG		
11	3.4700	13.17 11.97	17.85 17.86	31.02	56.00	-24.98	QP QP		
12	4.9180			29.83	56.00	-26.17			

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No. 1 2 3 4 5	0.150	req. MHz) 0.4180 0.7740 1.1980 1.1980 1.5980	Reading (dBuV) 24.84 14.55 25.17 14.66 13.38	Factor (dB) 17.82 17.87 17.85 17.85 17.85	(dBuV) 42.66 32.42 43.02 32.51 31.23	Limit (dBuV) 57.49 46.00 56.00 46.00 46.00	Over Limit (dB) -14.83 -13.58 -12.98 -13.49 -14.77	Detector QP AVG QP AVG AVG		AVG	Jotek Anbolek Anb
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No	0.1	50 Freq. (MHz)	Reading	0.5 Factor	Result	(MHz)	Over Limit	general and the second	An a feel de son de son de son and a son a so	peak AVG 0 Anbot
	0.1	Freq.	Reading (dBuV)	0.5		(MHz)		5	30.00	peak AVG &
	0.1	Freq. (MHz) 0.4660 0.6140	Reading (dBuV) 24.16 24.22	0.5 Factor (dB)	Result (dBuV)	(MHz) Limit (dBuV)	Over Limit (dB)	5 Detector QP QP	30.00	peak AVG 0 Anbot
	0.1	Freq. (MHz) 0.4660 0.6140 0.7780	Reading (dBuV) 24.16 24.22 14.10	0.5 Factor (dB) 17.85 17.87 17.87	Result (dBuV) 42.01 42.09 31.97	(MHz) (MHz) Limit (dBuV) 56.58 56.00 46.00	Over Limit (dB) -14.57 -13.91 -14.03	Detector QP QV AVG	30.00	peak AVG AVG Anbol
No 1 2 3 4	0.1	Freq. (MHz) 0.4660 0.6140 0.7780 1.1260	Reading (dBuV) 24.16 24.22 14.10 14.36	0.5 Factor (dB) 17.85 17.87 17.87 17.86	Result (dBuV) 42.01 42.09 31.97 32.22	(MHz) (MHz) Limit (dBuV) 56.58 56.00 46.00 46.00	Over Limit (dB) -14.57 -13.91 -14.03 -13.78	Detector QP QV AVG AVG	30.00	peak AVG 0 Anbot
1 2 3 4 5	0.1	Freq. (MHz) 0.4660 0.6140 0.7780 1.1260 1.3380	Reading (dBuV) 24.16 24.22 14.10 14.36 24.01	0.5 Factor (dB) 17.85 17.87 17.87 17.86 17.86	Result (dBuV) 42.01 42.09 31.97 32.22 41.87	(MHz) (MHz) Limit (dBuV) 56.58 56.00 46.00 46.00 56.00	Over Limit (dB) -14.57 -13.91 -14.03 -13.78 -14.13	Detector QP QP AVG AVG QP	30.00	peak AVG 0 Anbot Anbot Ar
1 2 3 4 5 6	0.1	Freq. (MHz) 0.4660 0.6140 0.7780 1.1260 1.3380 1.4299	Reading (dBuV) 24.16 24.22 14.10 14.36 24.01 13.14	0.5 Factor (dB) 17.85 17.87 17.87 17.86 17.86 17.86	Result (dBuV) 42.01 42.09 31.97 32.22 41.87 31.00	(MHz) (MHz) Limit (dBuV) 56.58 56.00 46.00 46.00 56.00 46.00	Over Limit (dB) -14.57 -13.91 -14.03 -13.78 -14.13 -15.00	Detector QP QP AVG AVG AVG AVG	30.00	peak AVG AVG Anbol
1 2 3 4 5 6 7	0.1	Freq. (MHz) 0.4660 0.6140 0.7780 1.1260 1.3380 1.4299 1.7140	Reading (dBuV) 24.16 24.22 14.10 14.36 24.01 13.14 21.90	0.5 Factor (dB) 17.85 17.87 17.87 17.86 17.86 17.86 17.86 17.85	Result (dBuV) 42.01 42.09 31.97 32.22 41.87 31.00 39.75	(MHz) (MHz) Limit (dBuV) 56.58 56.00 46.00 46.00 56.00 46.00 56.00	Over Limit (dB) -14.57 -13.91 -14.03 -13.78 -14.13 -15.00 -16.25	Detector QP QP AVG AVG QP AVG QP	30.00	peak AVG AVG Anbot Anbot Anbot
No 1 2 3 4 5 6 7 8	0.1	Freq. (MHz) 0.4660 0.6140 0.7780 1.1260 1.3380 1.4299 1.7140 1.8180	Reading (dBuV) 24.16 24.22 14.10 14.36 24.01 13.14 21.90 11.03	05 Factor (dB) 17.85 17.87 17.87 17.86 17.86 17.86 17.86 17.85 17.86	Result (dBuV) 42.01 42.09 31.97 32.22 41.87 31.00 39.75 28.89	(MHz) (MHz) Limit (dBuV) 56.58 56.00 46.00 46.00 56.00 46.00 56.00 46.00	Over Limit (dB) -14.57 -13.91 -14.03 -13.78 -14.13 -15.00 -16.25 -17.11	Detector QP QP AVG AVG QP AVG QP AVG	30.00	peak AVG 0 Anbot Anbot Ar
1 2 3 4 5 6 7 8 9	0.1	Freq. (MHz) 0.4660 0.6140 0.7780 1.1260 1.3380 1.4299 1.7140 1.8180 2.0140	Reading (dBuV) 24.16 24.22 14.10 14.36 24.01 13.14 21.90 11.03 17.71	0.5 Factor (dB) 17.85 17.87 17.87 17.86 17.86 17.86 17.86 17.86 17.86 17.86	Result (dBuV) 42.01 42.09 31.97 32.22 41.87 31.00 39.75 28.89 35.56	MHz) (MHz) Limit (dBuV) 56.58 56.00 46.00 56.00 46.00 56.00 46.00 56.00 46.00 56.00	Over Limit (dB) -14.57 -13.91 -14.03 -13.78 -14.13 -15.00 -16.25 -17.11 -20.44	Detector QP QP AVG AVG QP AVG QP AVG QP AVG QP	30.00	peak AVG AVG Anbol Anbol Anbol Anbol Anbol Anbol Anbol Anbol
1 2 3 4 5 6 7 8	0.1	Freq. (MHz) 0.4660 0.6140 0.7780 1.1260 1.3380 1.4299 1.7140 1.8180	Reading (dBuV) 24.16 24.22 14.10 14.36 24.01 13.14 21.90 11.03	05 Factor (dB) 17.85 17.87 17.87 17.86 17.86 17.86 17.86 17.85 17.86	Result (dBuV) 42.01 42.09 31.97 32.22 41.87 31.00 39.75 28.89	(MHz) (MHz) Limit (dBuV) 56.58 56.00 46.00 46.00 56.00 46.00 56.00 46.00	Over Limit (dB) -14.57 -13.91 -14.03 -13.78 -14.13 -15.00 -16.25 -17.11	Detector QP QP AVG AVG QP AVG QP AVG	30.00	peak AVG AVG Anbot Anbot Anbot

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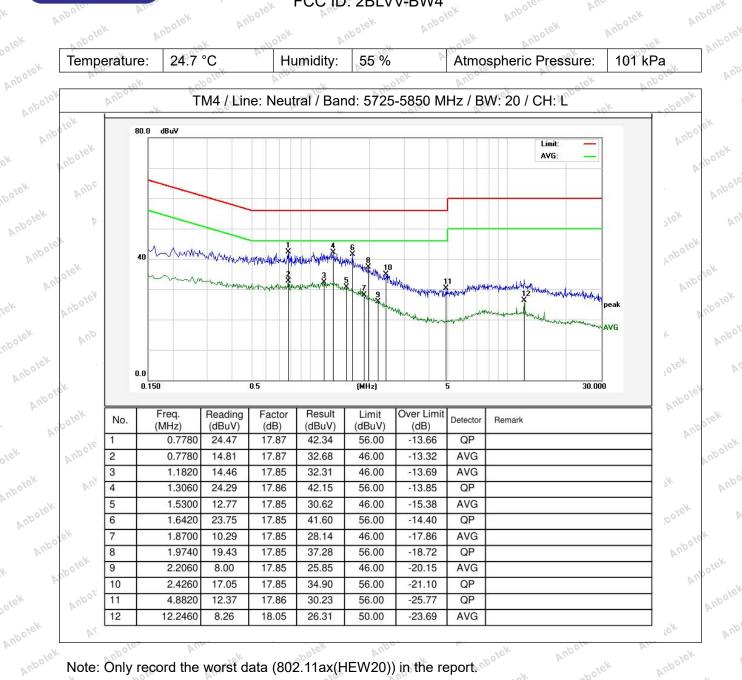
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Note: Only record the worst data (802.11ax(HEW20)) in the report. Anbo

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3. Duty Cycle

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Test Requirement:	All measurements are to be performed with the EUT transmitting at 100% duty cycle at its maximum power control level; however, if 100% duty cycle cannot be achieved, measurements of duty cycle, x, and maximum-power transmission duration, T, are required for each tested mode of operation.
Test Limit:	No limits, only for report use.
Test Method:	ANSI C63.10-2020 section 12.2 (b)
Anbotek Anbotek 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.
Anbotek Anbotek Anbotek Anbotek	 iv) Set detector = peak. v) The zero-span measurement method shall not be used unless both RBW and VBW are > 50/T, where T is defined in item a1) of 12.2, and the number of sweep points across duration T exceeds 100.
3.1. EUT Operation	rek nootek Anborr A. Anotek Anboren An

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3.1. EUT Operation

Operating Envi	ironment:	Anboten	Ann	Anbotek	Anbo	abotek
otek Anbol		e: Keep the EU1				
No.	transmitting mo					
Anboten Ar	found the data r		the worst case.	Only the dat	a of worst case	is ab
W.	recorded in the		otek Anb	* ·	stek Anb	Ne. Dr.
Anbor	2: 802.11n mod	e: Keep the EU1	connect to AC	power line ar	nd works in con	tinuously
1ek	transmitting mo	de with 802.11n	modulation type	e. All bandwid	th and data rate	es has
Anbo	been tested and	found the data	rate @ MCS0 is	s the worst ca	se. Only the da	ita of 💦
tek	worst case is re	corded in the re	port.	P.	abolen	And
Test mode:	3: 802.11ac mo	de: Keep the EU	T connect to A	C power line a	and works in	aboter
.ex		nsmitting mode				h and
bor br.	data rates has b					
Asic Mar	the data of wors				lek inc norologi	
Anbo	4: 802.11ax mo				and works in	otek Ant
~otek	continuously tra					h and
And	data rates has b					
-poler					is the worst ca	se. Only
Alle	the data of wors	st case is record	ed in the report.	AUDO.	Pr	boter
2 2 Test Cat	An	botek	Anbo	Notek.	Anboro	An
3.2. Test Set	up noter	An	botek	ANDY	, tek	Aupore
	0	_\(6)	17. E. M.			

3.2. Test Setup

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1	in.	nbotek	EUT	Spectrum A	Analyzer	ek	Anboten	YUD-
	Anbor	hotek				.e.K	abotek	AUL
	Anboten	And	nbotek	Anbo	the tek	Anbore	All	
, te	3.3. Test Dat	a Anbo, botek	Anbotek	Anbote.	Annotek	Anbotek	Anbe nbote	6
	Temperature:	24.4 °C	Humidity:	56 % ^{knoo}	Atmospheric	Pressure:	101 kPa	d'ek
$\gamma_{U_{2}}$, ,	18K 00	τ	10 m	b.		Vier. Vui	_

Please Refer to Appendix for Details.

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4. Emission ba	ndwidth and occupied bandwidth
Test DAnboten A	U-NII 1, U-NII 2A, U-NII 2C: No limits, only for report use.
Test Requirement:	
ten Aun	U-NII 3, U-NII 4: 47 CFR Part 15.407(e)
stek Anboten	U-NII 1, U-NII 2A, U-NII 2C: No limits, only for report use.
Test Limit:	LL NUL 2, LL NUL 4, Within the E 72E E 9E0 CULE and E 9E0 E 90E CULE hands
Anboten And	U-NII 3, U-NII 4: Within the 5.725-5.850 GHz and 5.850-5.895 GHz bands, 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
Aupor	Emission bandwidth:
tek anboten	a) Set RBW = approximately 1% of the emission bandwidth.
st n stek	b) Set the VBW > RBW.
abotek Anbo	c) Detector = peak.
An hotel	d) Trace mode = max hold.
Anbo. A.	e) Measure the maximum width of the emission that is 26 dB down from the
anbotek Anb	peak of the emission.
P	Compare this with the RBW setting of the instrument. Readjust RBW and repeat measurement
K Anbor	as needed until the RBW/EBW ratio is approximately 1%.
otek Anbotek	
ore. Am	Occupied bandwidth:
hotek Anbor	a) The instrument center frequency is set to the nominal EUT channel center
And sk sbote	frequency. The
Anbote. Ant	frequency span for the spectrum analyzer shall be between 1.5 times and
Lotek An	5.0 times the OBW.
And	b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to
ek anbote.	5% of the OBW, and VBW shall be approximately three times the RBW, unless otherwise
k hotek	specified by the
Procedure:	applicable requirement.
stek hnboter	c) Set the reference level of the instrument as required, keeping the signal
Anbo	from exceeding the
nboten Anbe	maximum input mixer level for linear operation. In general, the peak of the
A. Lek N	spectral envelope
Anbo. A	shall be more than [10 log (OBW/RBW)] below the reference level. Specific
ek nbotek	guidance is given
- A.	in 4.1.5.2.
botek Anbo	 d) Step a) through step c) might require iteration to adjust within the specified range.
in solek	e) Video averaging is not permitted. Where practical, a sample detection and
Anbor An	single sweep mode
botek Anbo	shall be used. Otherwise, peak detection and max hold mode (until the trace
And	stabilizes) shall be
Anbore. A	used. Moter And the hotek And the de
k hotek	f) Use the 99% power bandwidth function of the instrument (if available) and
ster Ano	report the measured
otek Anboten	bandwidth.
Anby Protek	g) If the instrument does not have a 99% power bandwidth function, then the
nboter Ano	trace data points are recovered and directly summed in linear power terms. The recovered

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beginning at the lowest frequency, are placed in a running sum until 0.5% of

the total is reached;
that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the
total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is
the difference between these two frequencies.
h) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument
display; the plot axes and the scale units per division shall be clearly labeled.
Tabular data may
be reported in addition to the plot(s).
6 dB emission bandwidth:

a) Set RBW = 100 kHz.

amplitude data points.

b) Set the video bandwidth (VBW) \geq 3 >= RBW.

c) Detector = Peak.

d) Trace mode = max hold.

e) Sweep = auto couple.

f) Allow the trace to stabilize.

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

4.1. EUT Operation

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Operating Environment:

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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4.2. Test Setup

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	lek	Anbotek	P		10. -	

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4.3. Test Data

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4.3. Test Dat	and offer	Anbotek	Anbor	potek	Anbolek	Anboth	botek	Anbotek	P
Temperature:	24.4 °C	Ang Hu	midity:	56 %	A a	tmospheric l	Pressure:	101 kPa	
Please Refer to	Appendix f	or Details.	nbotek	Anbotek	jk I	unboter nbotek	Ano	Anbo	tek

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And	iducted output power
Test Requirement:	47 CFR Part 15.407(a)(1)(iv) 47 CFR Part 15.407(a)(2)
tek Anboretenti.	47 CFR Part 15.407(a)(3)(i)
Lotek Anbotek	For client devices in the 5.15-5.25 GHz band, the maximum conducted
nbo ek nbotek	output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi.
Anbore An	If transmitting antennas of directional gain greater than 6 dBi are used, the
nbotek Anbo	maximum conducted output power shall be reduced by the amount in dB tha
A. Antek Ant	the directional gain of the antenna exceeds 6 dBi.
And	For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted
otek Anbote.	output power over the frequency bands of operation shall not exceed the
ak abotek	lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission
Anbore. An-	bandwidth in megahertz.
botek Anbor	If transmitting antennas of directional gain greater than 6 dBi are used, the
And rok noot	maximum conducted output power shall be reduced by the amount in dB tha the directional gain of the antenna exceeds 6 dBi.
Test Limit:	The directional gain of the antenna exceeds 0 dbl.
k shotek Ar	For the band 5.725-5.850 GHz, the maximum conducted output power over
A. stek	the frequency band of operation shall not exceed 1 W.
poter Anos	If transmitting antennas of directional gain greater than 6 dBi are used, the
otek Anboten	maximum conducted output power shall be reduced by the amount in dB tha the directional gain of the antenna exceeds 6 dBi.
Anbo K bolek	However, fixed point-to-point U-NII devices operating in this band may
Anbote. Ans	employ transmitting antennas with directional gain greater than 6 dBi without
botek Anbo	any corresponding reduction in transmitter conducted power. Fixed, point-to-
VU. Vek	point operations exclude the use of point-to-multipoint systems,
ak Anbor A	omnidirectional applications, and multiple collocated transmitters transmitting
ek abotek	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
bor An	employing high gain directional antennas are used exclusively for fixed,
abotek Anbo	point-to-point operations.
Test Method:	ANSI C63.10-2020, section 12.4
Procedure:	Refer to ANSI C63.10-2020 section 12.4

bo. b.	1: 802.11a mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11a modulation type. All data rates has been tested and
Anbor	found the data rate @ 6Mbps is the worst case. Only the data of worst case is
Anbo	recorded in the report. 2: 802.11n mode: Keep the EUT connect to AC power line and works in continuously
Test mode:	transmitting mode with 802.11n modulation type. All bandwidth and data rates has
ek Anbole	been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.
stek ant	3: 802.11ac mode: Keep the EUT connect to AC power line and works in
100.	continuously transmitting mode with 802.11ac modulation type. All bandwidth and
~otek	data rates has been tested and found the data rate @ MCS0 is the worst case. Only
And	the data of worst case is recorded in the report.

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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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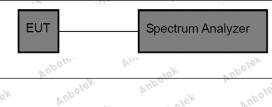
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5.2. Test Setup

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5.3. Test Data

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5.3. Test Dat	a Anbo	Anbotek	Anbor	oolek An	Anbotek A	nboten utek	Anbotek
Temperature:	24.4 °C	Humidity:	56 %	Atm	ospheric Pres	sure: 101	kPa notek
Please Refer to	Appendix for D	etails.	ofer	And	Anbotek	Anbo	ek Anbotek

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6. Power spectral density

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Product Safety

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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)
Anbotek Anbotek Anbotek Anbotek Anbotek Anbote	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.
anbotek Anbotek An 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:	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
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbo	in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.
Test Method:	ANSI C63.10-2020, section 12.6
Procedure:	Refer to ANSI C63.10-2020, section 12.6
A how work	And the state of t

6.1. EUT Operation

Operating Environment:

Operating Envir	ronment: Lek potek Anbore And a
tek Anbotek	1: 802.11a mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11a modulation type. All data rates has been tested and
hbotek Anbo	found the data rate @ 6Mbps is the worst case. Only the data of worst case is recorded in the report.
Anbotek A	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.
Anbor	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
tek Anbo	data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.
nboten And	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
Anbote	data rates has been tested and found the data rate @ MCS0 is the worst case. Only

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Anbotek Report No.:1813C40065012504 Anbotek FCC ID: 2BLVV-BW4

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nbotek	Anbor	the data of wo	rst case is reco	orded in the rep	port.	Anbotek	Anbotek	Anbor
Anbore	6.2. Test Set	up Anboten	Anbotek	Anbolek	Anbortek	Anbolek	Anboico	K Ant
And	ootek Anbotek	lek b	EUT	Spectrum	Analyzer	Anbo	ter And Ant	Jokek ,
otek	And And And	Inpotek An-	ek.	hbotek An	100 m	botek	Anbotek	Anboten
Anboten	6.3. Test Data	Na.	Anbo. A	Anbotek	Anbore.	Anbotek	Anbotek	Anbo
Anbotek	Temperature:	24.4 °C	Humidity:	56 %	Atmosphe	ric Pressure:	101 kPa	N.

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nbolo	Temperature:	24.4 °C	Humidity:	56 %	Atmospheric Pre	essure:	101 kPa	
Anbote	Please Pofer to	Appondix for Dot	Anbo stek	nbotek.	Anbor	Pr. 20016	K Anbot	5.

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7. Channel Move Time, Channel Closing Transmission Time

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Test Requirement:	47 CFR Part 15.407(h)(2)(iii)
Anbotek Potek Test Limit: Anbotek Anbotek Anbotek Anbotek	Channel Move Time: within 10 seconds Channel Closing Transmission Time: 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. (The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.)
est Method:	KDB 905462 D02, Clause 7.8.3
ek Anbole botek Anbotek Anbotek Anbotek	 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 Threshold</i> + 1dB is generated on the <i>Operating Channel</i> of the U-NII device (<i>In- Service Monitoring</i>). 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,
Anbotek An	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
nbotek Anbotek	 emission bandwidth where control signals are detected. 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 allow the UUT (Client device) to <i>Associate</i> with the <i>Master Device</i>. In case the UUT is a <i>Master Device</i>, a U-NII device operating as a <i>Client Device</i>.
Ano Anbotek Anbol Anbotek A	will be used and it is assumed that the Client will Associate with the UUT (Master). In both cases for conducted tests, the Radar Waveform generator will be connected to the Master Device. For radiated tests, the emissions of the Radar Waveform generator will be directed towards the Master Device.
Procedure: Andorek	If the <i>Master Device</i> has antenna gain, the main beam of the antenna will be directed toward the radar emitter. Vertical polarization is used for testing. 3. Stream the channel loading test file from the <i>Master Device</i> to the <i>Client Device</i> on the test <i>Channel</i> for the entire period of the test.
Anbotek Ant	4. At time T0 the <i>Radar Waveform</i> generator sends a <i>Burst</i> of pulses for one of the Radar Type 0 in Table 5 at levels defined in Table 3 , on the <i>Operating Channel</i> . An additional 1 dB is added to the radar test signal to ensure it is at or above the <i>DFS Detection Threshold</i> , accounting for
otek Anbotek	 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>)
Anbotek Anbote Anbotek Anb	 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 Master Device, monitor the UUT for more than 30
ak Anbotek botek Anbotek	minutes following instant T2 to verify that the UUT does not resume any transmissions on this <i>Channel</i> . 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> -
rek nbolen	Service Monitoring, perform steps 1 to 6.

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Anbo Anbotel Anbotek nbotek Anbotek Page 32 of 70 Report No.:1813C40065012504 Product Safety FCC ID: 2BLVV-BW4 Anbotel Anbotek Anbotel 100tel Anbo Anbotek Anbotek Ant UUT transmissions Anbotek Anbotek Injected Radar burst Anbotek Anbotek Anbote T_{channel_move_time} T_{non-occupancy} Anbote Anbotek Figure 17: Example of Channel Closing Transmission Time & Channel AN

7.1. EUT Operation

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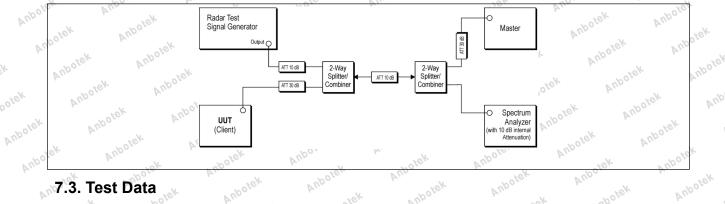
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Operating Environment: 5: Normal Operating: Keep the EUT works in normal operating mode and connect to Test mode: companion device

7.2. Test Setup



7.3. Test Data

7.3. Test Data	Anbotek	Anboten	Ant	Anbotek	Anbo	Anbotek
Temperature: 24.4	C Not	Humidity: 56	% Atr	nospheric Press	sure: 101 kPa	Anboten
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, nbotel 8. DFS Detection Thresholds

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Ano	n Thresholds Anbote Andread	Anbore: Ant	otek
Test Requirement:	KDB 905462 D02, Clause 5.2 Table 3	Anbote. An	181
otek Anbotek	Table 3: DFS Detection Thresholds for Master I with Radar Detection Table 3: DFS Detection Thresholds for Ma and Client Devices with Radar De	ster Devices	Anbokek
Anbotek Anbote	Maximum Transmit Power	Value (See Notes 1, 2, and 3)	
p	$EIRP \ge 200 milliwatt$	-64 dBm	9
Test Limit:	EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm	.e¥
Anbote. An	EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm	botek
ek Anbole hotek Anbolek	Note 1: This is the level at the input of the receiver assuming a 0 dl Note 2: Throughout these test procedures an additional 1 dB has be test transmission waveforms to account for variations in measurem the test signal is at or above the detection threshold level to trigger Note3: EIRP is based on the highest antenna gain. For MIMO dev 662911 D01.	en added to the amplitude of the ent equipment. This will ensure tha a DFS response.	t Anbotel
Test Method:	KDB 905462 D02, Clause 7.4.1.1	Ant Lotek Anbot	8 7.
Anbotek Anbotek An	 A 50 ohm load is connected in place of the spectrum analyzer is connected to place of the The interference Radar Detection Threshold had been taken into account the output power restriction 	master Level is TH+ 0dBi +1dB	that
otek Anbotek	3) The following equipment setup was used to a waveform. A vector signal generator was utilize	calibrate the conducted r	adar
ind anbotek	level for radar type 0. During this process, there	e were no transmissions	by
Procedure:	either the master or client device. The spectrum	· · · · · · · · · · · · · · · · · · ·	to
hotek Anbo	the zero spans (time domain) at the frequency of		
Ann	generator. Peak detection was used. The spect	rum analyzer resolution	bolen
Anboten A	bandwidth (RBW) and video bandwidth (VBW)		D votek
v hotek	spectrum analyzer had offset -1.0dB to comper		
oter And	4) The vector signal generator amplitude was s		
rek	measured at the spectrum analyzer was TH + ()dBi +1dB = -63dBm. Ca	
Anbotek Anbotek	measured at the spectrum analyzer was TH + 0 the spectrum analyzer plots on short pulse rada Note: TH=-64 dBm or -62 dBm		

8.1. EUT Operation

Operating Env	ironment:	oter l	And	Anbotek	Aupor	e ek	abotek	Anboro
Test mode:	20	al Operating on device	g: Keep the	EUT works	in normal o	operating m	node and cor	nect to
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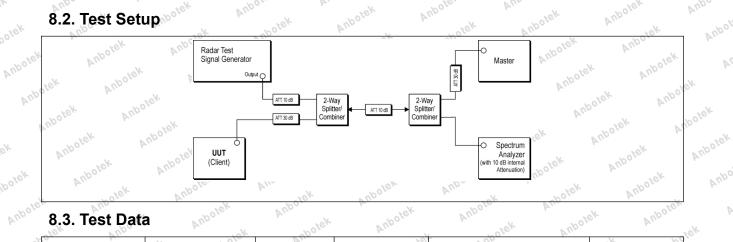
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nbotek 8.2. Test Setup



8.3. Test Data

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Temperature: 24.4 °C	Humidity:	56 % Anbote	Atmospheric Pressure	e: 101 kPa	J
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Test Requirement:	47 CFR Part 15.407(b 47 CFR Part 15.407(b 47 CFR Part 15.407(b	(2) Lotek Ma	potek Anbot	botek Anbotek
nbotek Anbotek	47 CFR Part 15.407(b 47 CFR Part 15.407(b	(4) nboten	Anbor A.	Anbotek Anbo
Anbotek Anbote	For transmitters operation of the 5.15-5.35 GHz b			
k Anbotek Anb	For transmitters opera of the 5.15-5.35 GHz b			
otek Anbolek	For transmitters operation of the 5.47-5.725 GHz			
Anbotek Anboten	For transmitters opera All emissions shall be	limited to a level of -2	27 dBm/MHz at `	75 MHz or more
Anbotek Anbo	above or below the ba above or below the ba	nd edge, and from 25	MHz above or	below the band
ek Anbore An	edge increasing linearl below the band edge, increasing linearly to a	and from 5 MHz abov	e or below the t	oand edge
pore All	MHz	MHz	MHz	lo Man
Anbotek Anbote	0.090-0.110	16.42-16.423	399.9-410	GHz 4.5-5.15
Anto tek Antotek	10.495-0.505	16.69475- 16.69525	608-614	5.35-5.46
Anbotek Anbo	2.1735-2.1905	16.80425- 16.80475	960-1240	7.25-7.75
Test Limit:	4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
v wotek	4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
hboten Anu hbotek	4.20725-4.20775	73-74.6 Anbotek	1645.5- 1646.5	9.3-9.5
Anbotek Ando	6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
Anbotek Anbo	ten Aug	108-121.94	1718.8- 1722.2	13.25-13.4
	6.31175-6.31225	123-138	2200-2300	14.47-14.5
ex bolek p	8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
ter And nootek	8.362-8.366	156.52475- 156.52525	2483.5-2500	17.7-21.4
	8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
Anbotek Anboten	8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
And botek Anbotek	12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
	12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
Anbote. An				1 VZ V V0"
Anbotek Anb Anbotek Anb	12.57675-12.57725 13.36-13.41	322-335.4	3600-4400	e ⁽²⁾

The field strength of emissions appearing within these frequency bands shall

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Anbotek Anbote	not exceed the limits show	vn in § 15.209. At frequ	uencies equ	ual to or less that	an
Anbo	1000 MHz, compliance wi	th the limits in § 15.209	9shall be de	emonstrated	
and apolen And	using measurement instru				10.
Pro Ar.	detector. Above 1000 MHz				010
Lotek Anbor	15.209shall be demonstra			5 A A	d
And K hotek	emissions. The provisions	in § 15.35apply to the	ese measure	ements.	PUD.
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atek Anbore	Except as provided elsew				_
And	intentional radiator shall n following table:	or exceed the held stre	engin levels	specified in the	e
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Anbore Am	Frequency (MHz)	Field strength		Measurement	t
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Aun ok obok	88-216	150 **	P.	3 nbotek	
k Anbots Ant	216-960	200 **	Pupor-	3 Am	e¥.
tek An	Above 960	500 Anbo	K N	3. Aupol	
otek And	** Except as provided in p				100 K
Net soloter	intentional radiators opera				9
DOLO AIL	frequency bands 54-72 M	Hz 76_88 MHz 17/_2	16 MHz or A	170 Q06 MU-	
No.					21
And hotek Anbotek	However, operation within	these frequency band	ls is permitt		P.C
Ant Anbotek Anbotek	However, operation within sections of this part, e.g.,	these frequency band §§ 15.231 and 15.241.	ls is permitt 	ted under other	Ar
And Anbotek Anbotek	However, operation within sections of this part, e.g., In the emission table above	these frequency band §§ 15.231 and 15.241. /e, the tighter limit appl	ls is permitt lies at the b	ted under other band edges.	
And Anbotek Anbotek Anbotek Anbotek Anbotek	However, operation within sections of this part, e.g., In the emission table above The emission limits shown	these frequency band §§ 15.231 and 15.241. /e, the tighter limit apple in the above table are	ls is permitt lies at the b e based on	ted under other band edges. measurements	6
And Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	However, operation within sections of this part, e.g., In the emission table above The emission limits shown employing a CISPR quasi	these frequency band §§ 15.231 and 15.241. /e, the tighter limit apple in the above table are -peak detector except	ls is permitt lies at the b e based on for the freq	ted under other pand edges. measurements uency bands 9	6
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Product Safety

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



and then reported in a data sheet.

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

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

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

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

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

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

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

9.1. EUT Operation

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Product Safety

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. 9.2. Test Setup

otel	Anbotek	k Anb	EUT		Spectrum A	Analyzer	Anbote	^{botek} V	Anbotek
Ant	9.3. Test Dat	otek	Anborek	Anbolek	Anbore	potek An	ipotek A.	Anbotek	Anbote
×	Temperature:	24.4 °C	Pro Hu	midity: 56	%	Atmospher	ic Pressure	: 101 kPa	a lek

Shenzhen Anbotek Compliance Laboratory Limited

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Anbotek Report No.:1813C40065012504 Anbotek FCC ID: 2BLVV-BW4 Anbote

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TU. Ballu euge	emissions (Radiat	tek nhou	Anbo.	ek abotek
Anboten An	47 CFR Part 15.407(b		potek Anbol	An
Test Deguirement	47 CFR Part 15.407(b	(-) $(-)$ $(-)$	e e e e e e e e e e e e e e e e e e e	botek Anbo
Test Requirement:	47 CFR Part 15.407(b 47 CFR Part 15.407(b		Anbote. At	in you
abotek Anboter	47 CFR Part 15.407(b		anbotek	Anbors Ar
otek Anboten	For transmitters opera			
And	of the 5.15-5.35 GHz b	pand shall not exceed	an e.i.r.p. of −2	7 dBm/MHz.
Anbote. Ans	-Y wholek		ek Anbore	P
r stek Ar	For transmitters operation			
Ano	of the 5.15-5.35 GHz b	band shall not exceed	an e.i.r.p. or -z	
rek abolen	For transmitters opera	ting in the 5 47 5 725	GHz band: All	missions outsido
p. p.	of the 5.47-5.725 GHz			
botek Anbo				
An-	For transmitters opera	ting solely in the 5 72	5-5.850 GHz ba	ind: npoter
Aupore. Aus	All emissions shall be			
n otek Anbo	above or below the ba			
Anbo	above or below the ba			
r aboter P	edge increasing linear			
Ar.	below the band edge,			
otek Anbor	increasing linearly to a			
k hotek	MHz	MHz M	MHz	GHz
Anbotek Anbote	0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
r stek anbore	¹ 0.495-0.505	16.69475-	608-614	5.35-5.46
Anbo	otek Anbor P	16.69525	Ann	k botek
aboten And	2.1735-2.1905	16.80425-	960-1240	7.25-7.75
b.	Aboten And	16.80475	0. v.	stek Anbore
Test Limit:	4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
	4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
botek		70 74 6	1645.5-	9.3-9.5
potek Anbotek	4.20725-4.20775	73-74.6	12 · ·	
potek Anbotek	And	tek Anbo	1646.5	Anboro
Anbotek Anbotek	And	74.8-75.2	1646.5 1660-1710	10.6-12.7
nbotek Anbo	6.215-6.218 6.26775-6.26825	tek Anbo	1646.5 1660-1710 1718.8-	10.6-12.7 13.25-13.4
nbotek Anbo	6.215-6.218 6.26775-6.26825	74.8-75.2 108-121.94	1646.5 1660-1710 1718.8- 1722.2	13.25-13.4
Anbotek Anb	6.215-6.218 6.26775-6.26825 6.31175-6.31225	74.8-75.2 108-121.94 123-138	1646.5 1660-1710 1718.8- 1722.2 2200-2300	13.25-13.4 14.47-14.5
Anbotek Anb	6.215-6.218 6.26775-6.26825 6.31175-6.31225 8.291-8.294	74.8-75.2 108-121.94 123-138 149.9-150.05	1646.5 1660-1710 1718.8- 1722.2 2200-2300 2310-2390	13.25-13.4 14.47-14.5 15.35-16.2
Anbotek Anbo Anbotek Anb	6.215-6.218 6.26775-6.26825 6.31175-6.31225	74.8-75.2 108-121.94 123-138 149.9-150.05 156.52475-	1646.5 1660-1710 1718.8- 1722.2 2200-2300	13.25-13.4 14.47-14.5
Anbotek Anbo Anbotek Anb ek Anbotek Ant	6.215-6.218 6.26775-6.26825 6.31175-6.31225 8.291-8.294 8.362-8.366	74.8-75.2 108-121.94 123-138 149.9-150.05 156.52475- 156.52525	1646.5 1660-1710 1718.8- 1722.2 2200-2300 2310-2390 2483.5-2500	13.25-13.4 14.47-14.5 15.35-16.2 17.7-21.4
Anbotek Anbo Anbotek Anb ek Anbotek Anbotek	6.215-6.218 6.26775-6.26825 6.31175-6.31225 8.291-8.294 8.362-8.366 8.37625-8.38675	74.8-75.2 108-121.94 123-138 149.9-150.05 156.52475- 156.52525 156.7-156.9	1646.5 1660-1710 1718.8- 1722.2 2200-2300 2310-2390 2483.5-2500 2690-2900	13.25-13.4 14.47-14.5 15.35-16.2 17.7-21.4 22.01-23.12
Anbotek Anbo Anbotek Anb ek Anbotek An hotek Anbotek Anbotek Anbotek	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	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	1646.5 1660-1710 1718.8- 1722.2 2200-2300 2310-2390 2483.5-2500 2690-2900 3260-3267	13.25-13.4 14.47-14.5 15.35-16.2 17.7-21.4 22.01-23.12 23.6-24.0
Anbotek Anbo Anbotek Anb ek Anbotek An Nootek Anbotek Anbotek Anbotek	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	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	1646.5 1660-1710 1718.8- 1722.2 2200-2300 2310-2390 2483.5-2500 2483.5-2500 2690-2900 3260-3267 3332-3339	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
Anbotek Anbo Anbotek Anb ek Anbotek An Nootek Anbotek Anbotek Anbotek	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	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	1646.5 1660-1710 1718.8- 1722.2 2200-2300 2310-2390 2483.5-2500 2690-2900 3260-3267 3332-3339 3345.8-3358	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
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The field strength of emissions appearing within these frequency bands shall

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Product Safety	FCC ID: 2B				
Anbote: Ant otek	Anbotek 100 Anto. 20	anbotek An	100	An	P.
nbotek Anbo	hotek Anbor	Ar	Anboten	And	
A. tek Anbore	not exceed the limits show	vn in § 15.209. At frequ	uencies equ	al to or less th	nan
Anbo	1000 MHz, compliance wi				
sold abotek And	using measurement instru	mentation employing a	a CISPR qu	asi-peak	X
oto Alle ok	detector. Above 1000 MH				porer.
tek Anbore	15.209shall be demonstra	ted based on the aver	age value c	of the measure	d
Anb	emissions. The provisions	in § 15.35apply to the	ese measure	ements.	AUPO
aboten And	Lotek Anbo.	A. Jok	nbote.	Aur	
Al. rek holer	Except as provided elsew				P
Anbor	intentional radiator shall n	ot exceed the field stre	ength levels	specified in the	ne
k botek Anbo	following table:	ore Am	hoten.	Ano	1.0
K Anbor An	Frequency (MHz)	Field strength	An	Measuremer	nt
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he wek	Anote Anit	abolen Ano		(meters)	np0.
Hotek Anbo	0.009-0.490	2400/F(kHz)	oter P	300	~
An potek	0.490-1.705	24000/F(kHz)	10K	30, o ^{ven}	PUD
Anbore An	1.705-30.0	30	AUPO-	30	
notek Anbore	30-88	100 **	notek	3 Anbor	
And	88-216	150 **	Ann	3 hotek	
ak abolek Anbo	216-960	200 **	abote.	3 And	~
Anbore An	Above 960	500 Anbo	h	34 Anb	olo.
Lotek Anbor Al	** Except as provided in p	aragraph (g), fundame	ental emissi	ons from	. de
lo votek	intentional radiators opera				e
poten And	frequency bands 54-72 M				
		1 Z, 10 00 MILZ, 11 - Z			
h tek habote	However, operation within				
Anbotek Anbote.	However, operation within sections of this part, e.g.,	these frequency band §§ 15.231 and 15.241.	ls is permitt	ed under othe	
Anbotek Anbotek	However, operation within sections of this part, e.g., In the emission table above	these frequency band §§ 15.231 and 15.241. /e, the tighter limit appl	ls is permitt lies at the b	ed under othe and edges.	er An
Anbotek Anbotek Anbotek Anbotek	However, operation within sections of this part, e.g., In the emission table above The emission limits shown	these frequency band §§ 15.231 and 15.241. /e, the tighter limit apple in the above table are	ls is permitt lies at the b e based on	ed under othe and edges. measurement	er Atti
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Anbotek Anbote	 However, operation within sections of this part, e.g., In the emission table above The emission limits shown employing a CISPR quasi 90 kHz, 110–490 kHz and these three bands are base detector. ANSI C63.10-2020, section Above 1GHz: a. For above 1GHz, the Emeters above the ground rotated 360 degrees to dee b. The EUT was set 3 mer which was mounted on the c. The antenna height is we ground to determine the mand vertical polarizations d. For each suspected emand then the antenna was test frequency of below 30 and the rotatable table was 	these frequency band §§ 15.231 and 15.241. we, the tighter limit apple in the above table are peak detector except above 1000 MHz. Rad sed on measurements on 12.7.4, 12.7.6, 12.7. UT was placed on the at a 3 meter fully-anect termine the position of ters away from the inte e top of a variable-heig aried from one meter to haximum value of the f of the antenna are set ission, the EUT was a tuned to heights from DMHz, the antenna was	Is is permitt lies at the b based on for the freq diated emis employing 7 top of a rota choic chamb f the highes erference-re ght antenna to four mete field strengt to make the rranged to i 1 meter to s tuned to h	ed under othe mand edges. measurement uency bands sion limits in an average ating table 1.5 ber. The table t radiation. ceiving anten tower. ers above the h. Both horizo e measurement its worst case 4 meters (for neights 1 meters	er S 9 was na, ntal nt. the er)
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Anbotek Anbote	 However, operation within sections of this part, e.g., In the emission table above The emission limits shown employing a CISPR quasi 90 kHz, 110–490 kHz and these three bands are base detector. ANSI C63.10-2020, section Above 1GHz: a. For above 1GHz, the Emeters above the ground rotated 360 degrees to dee b. The EUT was set 3 mer which was mounted on the c. The antenna height is wiground to determine the mand vertical polarizations d. For each suspected emand then the antenna wase test frequency of below 30 and the rotatable table was maximum reading. e. The test-receiver system Bandwidth with Maximum f. If the emission level of the limit specified, then testing would be reported. Otherw 	these frequency band §§ 15.231 and 15.241. we, the tighter limit apple in the above table are peak detector except above 1000 MHz. Rad and the above 1000 MHz. Rad above 1000 MHz. Rad abo	Is is permitt lies at the b e based on for the freq diated emis employing a 7 7 top of a rota choic chamb f the highes erference-re ght antenna to four mete field strengt to make the rranged to i 1 meter to s tuned to h es to 360 de ect Function was 10dB le d the peak v	ed under othe measurement uency bands is sion limits in an average ating table 1.5 ber. The table t radiation. ceiving anten tower. ers above the h. Both horizo e measurement ts worst case 4 meters (for heights 1 meter egrees to find in and Specifie ower than the values of the Eve 10dB marg	er (s 9
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and then reported in a data sheet.

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

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

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

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

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

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

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

10.1. EUT Operation

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

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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nbotek 10.2. Test Setup

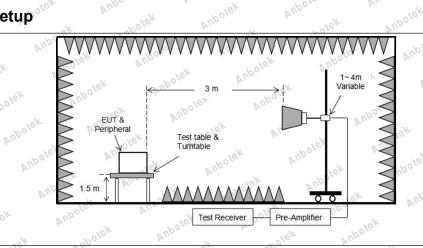
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10.3. Test Data

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<u>у</u> к	10.3. Test E	Datanbotek	Anbotek	Anbot	sk Ant	potek Anbot	botek	Anbotek
	Temperature:	24.4 °C	Hum	nidity: 56 °	Kotek	Atmospheric Pr	essure: 1	01 kPa
.e	Pur	ok	ter Aup		hotek	Anbors	All	Anboron
nbo			TM1 / B	and: 5150-5	350 MHz /	BW: 20 / L		
P	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m	Over limit) (dB)	Antenna Pol.	Detector
	5150.00	37.14	15.99	53.13	68.20	15.07 nb°	Н	Peak
	5150.00	39.24	15.99	55.23 mbo	68.20	12.97	upote. V	Peak
	5150.00	27.04	15.99	o ^{ve^x43.03}	54.00	-10.97	Aupoter	AVG
ste ^k	5150.00	^{vek} 29.13 M ^{nb}	15.99	45.12	54.00	-8.88	ANOtek	AVG
Aup.			TM1 / B	and: 5150-5	350 MHz / I	BW: 20 / H		

TM1 / 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	nbotek
5350.00	37.55	16.43	53.98	68.20 ^{Anv}	-14.22	H ^{Agtotek} H	Peak	b.
5350.00	40.60 vo ^v	16.43	57.03	68.20	^{(bo} -11.17	Ň.	Peak	AUL
5350.00	28.93	ov ^e 16.43 🔊	45.36	54.00	-8.64	AUL H 'SK	AVG	
5350.00	29.77	16.43	46.20	54.00	-7.80	No.	AVG	×.
Remark: 1. F	Result=Readi	ng + Factor	abotek	Anbort	A	k Anbok	Se. Vur	Nek
Anbo	- otek	Anbore	Arriek	. nboter	AUD		botek Ar	100.

Remark. I. r	Coult-INeau	ing + i actor	npor	b.	hore	. Vun		, ver
Anbo	Anbotek	Anbor	An	Anbote	Aur	otek An	potek Ar	Up0.
		TM2 / Ba	and: 5150-53	350 MHz / BV	V: 20 / L			Anb
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector	
5150.00	36.03	15.99	52.02	68.20	-16.18	Hovek	Peak	~
5150.00	37.47	15.99	53.46	68.20	-14.74	V NO	Peak	Ner.
5150.00	26.75	15.99	42.74	54.00	-11.26 ^{,00¹}	Н	AVG	nbot
5150.00	27.72	15.99	43.71	54.00	10.29	poter V A	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	37.88	16.43	54.31	68.20	-13.89	H	Peak
5350.00	38.89	16.43	55.32	68.20	-12.88	lek V Anbo	Peak
5350.00	27.93	16.43	44.36	54.00 m ⁰⁰	-9.64	Lek H	AVG
5350.00	29.42	16.43	45.85	54.00	10 ^{016K} -8.15	V	AVG
Remark: 1. F	Result=Readir	ng + Factor	potek Ar	100 m	botek	Anbore	An
de Her	otek Anb	0. K.	atek	Anbore	Alle	abotek	Anbo

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	112.4	TM2 / Ba	and: 5150-53	850 MHz / BV	V: 40 / L			Aupo
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector	P
5150.00	36.65	15.99	52.64	68.20	-15.56	H botek	Peak	
5150.00	38.48	15.99	54.47	68.20	-13.73	V	e ^k Peak M	oter .
5150.00	27.23	15.99	43.22	54.00	-10.78 m ^{bo}	H	AVG	Anbotek
5150.00	28.82	15.99	44.81 ^{mbox}	54.00	o ^{te} 9.19	nbote. V	AVG	Anb

TM2 / Band: 5150-5350 MHz / BW: 40 / H

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5350.00	38.20	16.43	54.63	68.20	-13.57	HAnd	Peak
5350.00	37.02	16.43	53.45	68.20	-14.75	otek V Anb	Peak
5350.00	28.48	16.43	44.91		-9.09	H	AVG
5350.00	29.72	⁴ 16.43 m ^{bo}	46.15	54.00	10 ¹⁰ -7.85	AND VK	AVG
Remark: 1. F	Result=Readii	ng + Factor	hotek A	no	abotek	Anbor	A. botek
stek an	botek An	100. L	abotek	Anbore	Am	Anboten	And

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		TM3 / B	and: 5150-5	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
5150.00	37,12	15.99	10× 53.11 And	68.20 And	-15.09	H ^{ey} ote	Peak
5150.00	38.91 m ⁰⁰	15.99	54.90	68.20	-13.30	Vek	Peak
5150.00	26.66	15.99	42.65	54.00	-11.35	H bokek	AVG
5150.00	28.91	15.99	44.90	54.00	-9.10	V not	et AVG

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

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Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector	Anbol
5350.00	37.98	v ^{ek} 16.43 p ^{nb}	54.41	68.20	-13.79	ALL H. K	Peak	PL
5350.00	38.21	16.43	54.64	68.20	-13.56	V ⁿ A	Peak	
5350.00	27.92	16.43	44.35	54.00	-9.65	H nbote.	AVG	10K
5350.00	28.54	16.43	44.97	54.00	-9.03	er V no	ote ^k AVG M ^{nto}	
Remark: 1. F	Result=Readi	ng + Factor	Ano	sk nbol	ek Anbo	- K	botek A	nbote.
Anbotek	And	K shote	k Aupo.	. p.	Lotek A	nboter	Aur	nbo

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Remark: 1. Result=Reading + Factor Anbotel ANC

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			TM3 / B	and: 5150-5	350 MHz / BW	/: 40 / L		
eK.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
no ^{ki}	5150.00	36.06	15.99	52.05	68.20	-16.15	H ⁿ A	Peak
	5150.00	36.45	15.99	52.44	68.20	-15.76	Kupoter	Peak
Þ.c	5150.00	26.32	15.99	42.31	54.00	-11.69	tek H Aupo	AVG AND
	5150.00	26.98	15.99	42.97	54.00 m	-11.03	V You	AVG

TM3 / Band: 5150-5350 MHz / BW: 40 / H

nbotek	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector	P.L
Anb	5350.00	38.18	16.43	54.61	68.20	-13.59	H botel	Peak	
	5350.00	37.28	16.43	53.71	68.20	-14.49	V	ver Peak	oter
	5350.00	27.59	16.43	44.02	54.00	ex -9.98 m	H And	AVG	npotek
	5350.00	27.70	16.43	× 44.13 m	54.00 And	-9.87	V ^{Notek} V	AVG	P.,.
ofer.	Remark: 1. F	Result=Readi	ng + Factor	, A	abotek N	nbors	, otek	Anboter	AUD
abote!	K Anbo.	К.	Lotek A	Note. P	11- 10-K	nbotek	Ano	botek	P

Remark: 1. Result=Reading + Factor Anbotek Anbotek Anb ,nbotek

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P.U.P			TM4 / B	and: 5150-5	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
	5150.00	37.21	15.99	53.20	10 ¹⁴ 68.20 mm	o ^{ten} -15.00 Ani	H	Peak
4	5150.00	39.00	e ^x 15.99 _k ~ ^{b°}	54.99	68.20	-13.21	And Vek	Peak
bot	× 5150.00	26.71	15.99	42.70	54.00	-11.30	AnbH	AVG
	5150.00	28.98	15.99	44.97	54.00	-9.03	\mathbf{V}_{loore}	AVG
PC			TM4 / B	and: 5150-5	350 MHz / BV	V: 20 / H		
1				_				

TM4 / Band:	5150-5350	MHz /	BW: 20	/ H
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Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector	Anbo
5350.00	38.03	16.43	o ^{vek} 54.46 M ^{ak}	68.20	-13.74	AnborH	Peak	0
5350.00	10 ^K 38.25 And	16.43	54.68	68.20	-13.52	Ntek	Peak	
5350.00	27.98	16.43	44.41	54.00	-9.59	H botek	AVG	
5350.00	28.63	16.43	45.06	54.00	-8.94	V	AVG NO	1ek
Remark: 1. F	Result=Readi	ng + Factor	Anboten	ek Aupo	lek Anbo	rek Anbo	abotek l	Anbotek

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	20.	TM4 / B	and: 5150-53	350 MHz / BV	V: 40 / L	<u>~0. k</u>	
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5150.00	36.14	15.99	52.13	68.20	-16.07	Habotek	Peak
5150.00	36.50	15.99	52.49	68.20	-15.71	V	ek Peak Ma
5150.00	26.43	15.99	42.42	54.00	-11.58 m ⁰⁰	, H Vun	AVG
5150.00	27.06	15.99	43.05 ⁰⁰⁰	54.00	ov~10.95	upole V	AVG
*		TM4 / Ba	and: 5150-53	350 MHz / BV	V: 40 / H		
Frequency	Reading	Factor	Result	Limit	Over limit	Antenna	

Anb	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
	5350.00	38.24	16.43	54.67	68.20	-13.53	HAnn	Peak
	5350.00	37.33	16.43	53.76	68.20	-14.44	otek V Anb	Peak
	5350.00	27.64	16.43	44.07	€ 54.00 m ^{bC}	-9.93	H	AVG
tek.	5350.00	27.80	16.43	44.23	54.00	-9.77	NUD NK	AVG

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			TM1 / B	and: 5470-58	350 MHz / BV	V: 20 / L			ľ
	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector	P
	5460.00	xe ^x 38.29 x ^{nb}	16.37	54.66	68.20	-13.54	Hrek	Peak	
0	5460.00	39.71	16.37	56.08	68.20	-12.12	Notek	Peak]
	5470.00	39.22	16.70	55.92	68.20	-12.28	$H_{u_{p_0}}$	Peak	d'e
>	5470.00	40.00	16.70	56.70	68.20	-11.50	tek V Anbo	Peak	
	5460.00	28.85	16.37	45.22	54.00	-8.78 ^{MU}	H	AVG	VUr
	5460.00	28.73	16.37	45.10	54.00	2010 ⁴ 8.90	V V	AVG	
	5470.00	29.12	16.70	45.82	54.00 ×	-8.18	Hody	AVG]
	5470.00	30.24	o ^{ten} 16.70 M	46.94	54.00	An ^b -7.06	Nº Kek	AVG]
5			TM1 / B	and: 5470-58	350 MHz / BW	/: 20 / H			ŀ.
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Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector	otek
5850.00	39.25	17.21 tek	56.46	68.20	-11.74 no	pter H Ant	Peak	npotek
5850.00	39.64	17.21	56.85	68.20 × ¹⁰	-11.35	V ^{Astek} V	Peak	b
5850.00	29.22	17.21	46.43	54.00	n ^{bote} -7.57	Hk .	AVG	AUPC
5850.00	29.21	17.21	yo ^{ve} 46.42	54.00	-7.58	V ^{dn} A	AVG	A
Remark: 1. F	Result=Readi	ng + Factor	-bolek	Anbor	A	Auporer.	Aur	10
ion w.	abotek	Anbore	Am	Anbotek	And	k nbote	sk Aupor	- A

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		TM2 / B	and: 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	38.27	16.37	54.64	68.20	-13.56	And H	Peak
5460.00	38.88	16.37	55.25	68.20	-12.95	Anbles	Peak
5470.00	38.38	16.70	55.08	68.20	-13.12	H, o'ek	Peak
5470.00	38.83	16.70	55.53	68.20	-12.67	V	Peak no
5460.00	27.22	16.37	43.59	54.00	-10.41	H Anbo	AVG
5460.00	27.68	16.37	44.05	54.00	-9.95	otek V As	AVG
5470.00	27.66	16.70	44.36	54.00	-9.64 M	H	AVG
5470.00	28.22	16.70	o ^{vek} 44.92 M ⁿ¹	54.00	-9.08	Anborv	AVG
	·	TM2 / B	and: 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	37.49	17.21	54.70	68.20	-13.50	. Н _{Ио} о	Peak Ano
5850.00	38.07	17.21	55.28	68.20	-12.92 ⁰⁰⁰	V	Peak
5850.00	27.79	17.21	45.00 ⁰⁰¹	54.00	-9.00	hover H b	AVG
5850.00	28.58	17.21	45.79	54.00 N	-8.21	N ^o	AVG
Remark: 1.	Result=Readi	ng + Factor		hotek	Anboten	Vur 16K	Anbotek
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		TM2 / B	and: 5470-58	850 MHz / BW	/: 40 / L		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
^{\$\$\$5460.00}	37.85	16.37	54.22	68.20	-13.98	ANH Lok	Peak
5460.00	38.76	16.37	55.13	68.20	-13.07	Kupor	Peak
5470.00	38.68	16.70	55.38	68.20	-12.82	ex H no	Peak M
5470.00	39.37	16.70	56.07	68.20	-12.13 ^{nb0}	V	Peak
5460.00	26.94	16.37	43.31	54.00	-10.69	Nooren H	AVG
5460.00	28.78	16.37	45.15	o ^{ve} 54.00	-8.85	Woda .	AVG
5470.00	27.14	o ^{tex} 16.70 M	43.84	54.00	-10.16	An H tek	AVG
5470.00	28.46	16.70	45.16	54.00	-8.84	V4	AVG
	· · · ·	TM2 / B	and: 5470-58	850 MHz / BW	/: 40 / H		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5850.00	38.21	17.21	55.42	68.20 km ^{b6}	-12.78	H	n ^o Peak
5850.00	38.56	× 17.21 mo	55.77	68.20	^{12.43}	NUC V	Peak
5850.00	28.39	17.21	45.60	54.00	-8.40	Hand	AVG
5850.00	29.45	17.21	46.66	54.00	-7.34	Notek	AVG
Remark: 1.	Result=Readi	ng + Factor	Anborek	Anbotek	Anbors	k pin	sk Anbo
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nbotek	Aupo.	Anotek	Anbotek	Amnotek	Anbote	Anbo	rek vi	100
-		TM3 / B	and: 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	P,
5460.00	37.47 M ^{bo}	16.37	53.84	68.20	-14.36	Here	Peak	
5460.00	37.58	⁶ 16.37	53.95	68.20	-14.25	V vek	Peak	
5470.00	38.05	16.70	54.75	68.20	-13.45	H	Peak	eK.
5470.00	38.38	16.70	55.08	68.20	-13.12	K V Anbo	Peak	~0
5460.00	28.08	16.37	44.45	54.00	-9.55	H Note	AVG	ur.
5460.00	28.76	16.37	45.13	54.00	o ^{ve×} -8.87 M	v v	AVG	P
5470.00	28.36	16.70	v ^{ek} 45.06 ⊾n [™]	54.00	-8.94	H ^{10tor}	AVG	
5470.00	e ^x 29.22 م	16.70	45.92	54.00	-8.08	Nº Fek	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.	Detector	1eV
5850.00	38.21	17.21	55.42	68.20	-12.78 w ^o	H An	Peak	nb
5850.00	39.08	17.21	56.29 × ³	68.20	-11.91	botek V P	Peak	
5850.00	28.07 o ^{te}	17.21	45.28	ove 54.00 N	-8.72		AVG	
5850.00	29.18	17.21 M	^{مرد} 46.39 ^{هر}	54.00	-7.61	Anbov	AVG	

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Remark: 1. Result=Reading + Factor Anbo

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			TM3 / 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	🔊 36.41 🔊	16.37	52.78	68.20	-15.42	Hrek	Peak
	5460.00	37.90	16.37	54.27	68.20	-13.93	Notek	Peak
	5470.00	36.84	16.70	53.54	68.20	-14.66	H ^{upe}	Peak
Þ	5470.00	38.24	16.70	54.94	68.20	-13.26	lek V Anbo	Peak
	5460.00	27.39	16.37	43.76	54.00	-10.24	H	AVG
	5460.00	27.51	16.37	43.88	54.00	-10.12	N Poor	AVG
	5470.00	27.64	16.70	44.34	o ^o 54.00	-9.66	Hoda	AVG
	5470.00	28.32	o ^{ven} 16.70 M	45.02	54.00	-8.98	Nº10K	AVG
			TM3 / B	and: 5470-58	350 MHz / BV	V: 40 / H	·	

Frequency Reading Factor Result Limit Over limit Antenna Detector (MHz) (dBuV) (dB/m)(dBuV/m) (dBuV/m) (dB) Pol. 5850.00 37.75 17.21 54.96 68.20 -13.24 Н Reak 5850.00 38.62 17.21 55.83 68.20 -12.37 V Peak 5850.00 27.76 17.21 54.00 -9.03 AVG 44.97 Н 5850.00 27.41 17.21 44.62 54.00 -9.38 V AVG Anbotek Anbc Anbo Anbotek Anbotek

Remark: 1. Result=Reading + Factor

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volek	Anbotek	Aupore	A	Anbotek	Anushote	k Aupote	k Anbot
		TM4 / 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	37.67	16.37 M ⁰⁰	54.04	68.20	-14.16	Her	Peak
5460.00	37.68	16.37	54.05	68.20	-14.15	And V	Peak
5470.00	38.25	16.70	54.95	68.20	-13.25	Hoter	Peak
5470.00	38.48	16.70	55.18	68.20	-13.02	V V	Peak Peak No
5460.00	28.22	16.37	44.59	54.00	-9.41 no ^{ot}	H Pur	AVG
5460.00	29.00	16.37	45.37	54.00	-8.63	otek V A	AVG
5470.00	28.50	16.70	45.20	o ^{ve*} 54.00 pr	-8.80	Ne ^t	AVG
5470.00	29.46	wet 16.70 m	46.16	54.00	7.84	Aupor V	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	38.41	17.21	55.62	68.20	-12.58	ek H Anbo	Peak
5850.00	39.24	17.21	56.45	68.20	-11.75	V	w ^{ove} Peak
5850.00	28.23	17.21,00 ¹⁰	45.44	54.00	so ^{te} -8.56	NO H P	AVG
5850.00	29.42	17.21	46.63	o ^o 54.00	-7.37	Voda	AVG

Remark: 1. Result=Reading + Factor

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[Anbo	h nbolek	Anbotek	Am	k Anbote	And And	atek A	nbotek
[TM4 / B	and: 5470-58	350 MHz / BV	V: 40 / L		
×°	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
100	[©] 5460.00	36.59	16.37	52.96	68.20	-15.24	AND LOK	Peak
	5460.00	38.02	16.37	54.39	68.20	-13.81	Kupor	Peak
P	5470.00	37.02	16.70	53.72	68.20	-14.48	er H No	Peak 🕅
	5470.00	38.36	16.70	55.06	68.20	-13.14	V	Peak
-	5460.00	27.53	16.37	43.90	54.00	-10.10	N ^{over} H	AVG
2.4	5460.00	27.63	16.37	44.00	54.00 ×	-10.00	V.	AVG
e,k	5470.00	27.78	o ^{tek} 16.70 M	44.48	54.00	-9.52	An H tok	AVG
	5470.00	28.44	16.70	45.14	54.00	-8.86	V.	AVG
10			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	37.91	17.21	55.12	68.20 km ⁰	-13.08	HMay	Peak
ļ	5850.00	38.86	* 17.21 nb ^o	56.07	68.20	-12.13	AND V	Peak
	5850.00	27.94	17.21	45.15 N	54.00	-8.85	Anth	AVG
9	5850.00	27.65	⁰⁰¹ 17.21	44.86	54.00	-9.14	Votek	AVG
10	Remark: 1. F	Result=Readi	ng + Factor	And	Anbolek	Anbors	P.I.	K Anbr
	nbotek	Anbor	A. hotek	Anbotek	Ann	Anbote	e Aupo	- Hay

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Remark: 1. Result=Reading + Factor Anbotek AND

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11. Undesirabl	e emission limits (be 47 CFR Part 15.407(b)(9)	rek hour Ar	Lek Anbol
		A ADD A	gon chol field
tek Anboten	strength limits set forth in	w 1 GHz must comply with the	general field
No bolek	And Burger minito por forum	Anborer Ant	abotek
Anbote. And	Except as provided elsew	here in this subpart, the emissi	ions from an
abotek Anbo		ot exceed the field strength lev	els specified in t
All tek ho	following table:	otek Anbor Ar	tek anbole.
Anbor	Frequency (MHz)	Field strength	Measuremer
ek abolek l	Ando K Kotek	(microvolts/meter)	distance (meters)
ic Ar.	0.009-0.490	2400/F(kHz)	300
hotek Anbo	0.490-1.705	24000/F(kHz)	30
n botek	1.705-30.0	30	30
Anboic An	30-88	100 ** poter Anot	3 John
Test Limit:	88-216 Note And	150 **	3 And
Ann rok	216-960	200 **	ter 3 nooten
Aupore A.	Above 960	500 botek Anb	3
K botek	** Except as provided in p	paragraph (g), fundamental emi	issions from
ote Ann ok		ating under this section shall no	
otek Anborc		Hz, 76-88 MHz, 174-216 MHz	
Anotek hotek		these frequency bands is perr	nitted under othe
Anbote. And	sections of this part, e.g.,		a band adara
Kotek Anboly		ve, the tighter limit applies at th n in the above table are based	
Ano		-peak detector except for the fi	
K Anbote. An		above 1000 MHz. Radiated er	
v solek		sed on measurements employi	
polen And	detector.	A. atek Anbore.	Pur
Test Method:	ANSI C63.10-2020, sectio	on 12.7.4. 12.7.5	Anbor
Approx botek	Below 1GHz:	Anbote: Ant	nbotek
Anbore. Ann		UT was placed on the top of a	rotating table 0.8
botek Anbo		at a 3 meter semi-anechoic ch	~ 0 ~ <i>d</i>
And		to determine the position of the	
sk Aupore A		10 meters away from the interfe	
-K holek		nted on the top of a variable-he	
bote. And Lok		varied from one meter to four m	
hotek Anboic		naximum value of the field stre of the antenna are set to make	
And beter	. OV	nission, the EUT was arranged	
Procedure:		s tuned to heights from 1 meter	
hotek Anbo	1 × 1	OMHz, the antenna was tuned t	- V. •
And	N 10 10 10 10 10 10 10 10 10 10 10 10 10	as turned from 0 degrees to 360	-
tet noter A	maximum reading.	Anbo K sotek A	nbore An
h. atek		m was set to Peak Detect Fund	ction and Specifie
atotek Anbo	Bandwidth with Maximum		Ann
tek nbotek		he EUT in peak mode was 10d	6 CVP
Anbor Ar		g could be stopped and the pea	
abotek Anbo.		vise the emissions that did not	
Alle	would be re-lested one by	/ one using quasi-peak method	
Anbor An	at aboten An	k Lotek And	0. W.

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then reported in a data sheet.

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

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

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

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

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

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

Above 1GHz:

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

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

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

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

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

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

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

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

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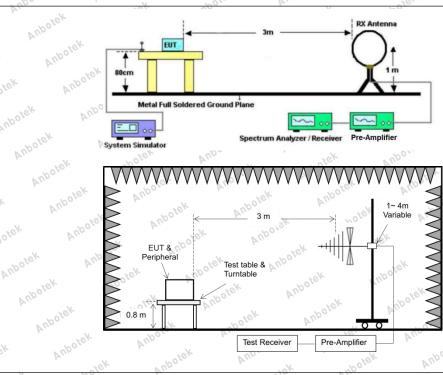
limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement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

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

11.1. 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.

11.2. Test Setup



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11.3. Test Data

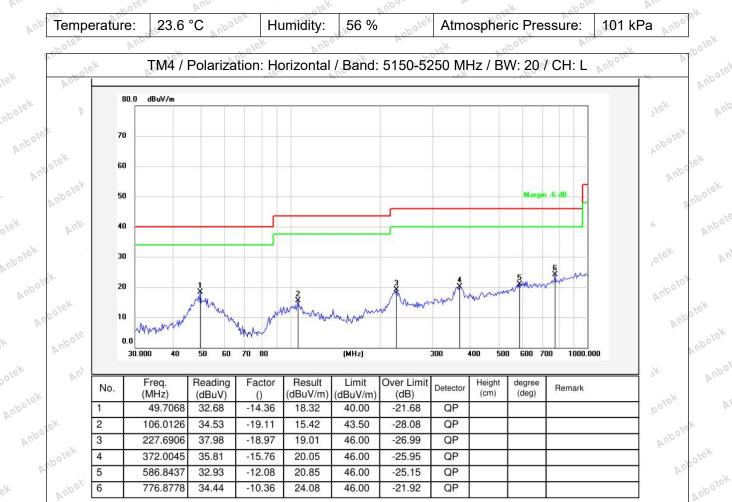
The test results of 9kHz-30MHz was attenuated more than 20dB below the permissible limits, so the results don't record in the report.

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56 % Temperature: 23.6 °C Humidity: Atmospheric Pressure: 101 kPa TM4 / Polarization: Vertical / Band: 5150-5250 MHz / BW: 20 / CH: L Anbo 80.0 dBu∀/m nbotek otet 70 Anbote Anbo 60 Ner 50 Anbotel 40 yek. AND , nbotek 30 14 20 Anbo AND 10 ,otek 0.0 30.000 40 60 70 80 (MHz) 300 400 600 700 1000.000 Anbote 50 500 otek Freq. Reading Factor Result Limit Over Limit Height degree No. Detector Remark PUK (MHz) (dBuV/m) (dB) (cm) (deg) (dBuV) () (dBuV/m) Anbote QP nbotek 1 50.0566 31.21 -14.13 17.08 40.00 -22.92 2 103.0800 47.65 -18.72 28.93 43.50 -14.57 QP QP 3 178.1327 35.93 -20.74 15.19 43.50 -28.31 Ant AND 204.9551 42.57 43.50 QP 4 -19.81 22.76 -20.74 botek 33.02 -28.26 5 396.2415 -15.28 17.74 46.00 QP 6 543.2742 33.95 -12.94 21.01 46.00 -24.99 QP

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Anbotek 56 % Temperature: 23.6 °C Humidity: Atmospheric Pressure: 101 kPa PU, TM4 / Polarization: Horizontal / Band: 5250-5350 MHz / BW: 20 / CH: L Anbo 80.0 dBu∀/m nbotek ,otel 70 Anbote Aupo 60 Ner 50 Anbotel 40 yek. AND , nbotek 30 ŝ 20 Anbo AND 10 ,otek 0.0 30.000 40 60 70 80 (MHz) 300 400 500 600 700 1000.000 Anbote 50 otek Freq. Reading Factor Result Limit Over Limit Height degree No. Detector Remark PUK (MHz) (dBuV/m) (dB) (cm) (deg) (dBuV) () (dBuV/m) Anbote nbotek QP 1 50.0566 31.80 -14.13 17.67 40.00 -22.33 2 108.2667 41.71 -19.42 22.29 43.50 -21.21 QP 226.0994 QP 3 40.17 -19.04 21.13 46.00 -24.87 Ant AND 372.0045 40.03 46.00 QP 4 -15.76 24.27 -21.73 botek 32.55 5 562.6624 -12.56 19.99 46.00 -26.01 QP 6 782.3453 33.91 -10.29 23.62 46.00 -22.38 QP

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Report No.:1813C40065012504 FCC ID: 2BLVV-BW4

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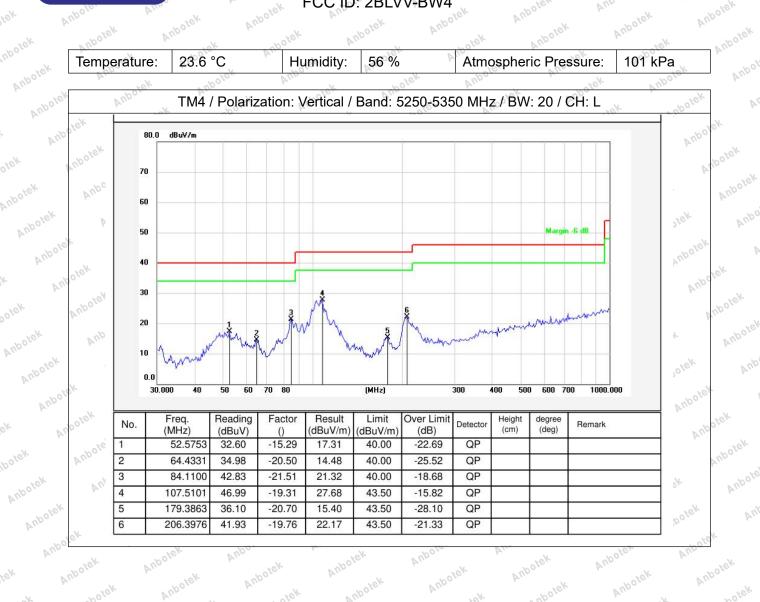
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Report No.:1813C40065012504 FCC ID: 2BLVV-BW4

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56 % Temperature: 23.6 °C Humidity: Atmospheric Pressure: 101 kPa PU, TM4 / Polarization: Horizontal / Band: 5470-5725 MHz / BW: 20 / CH: L Anbo 80.0 dBu∀/m nbotek ,otel 70 Anbote Aupo 60 Ner 50 Anbotel 40 yek. AND , nbotek 30 20 Anbo AND 10 ,otek 0.0 30.000 40 50 60 70 80 (MHz) 300 400 500 600 700 1000.000 Anbote otek Freq. Reading Factor Result Limit Over Limit Height degree No. Detector Remark PUK (MHz) (dBuV/m) (dB) (cm) (deg) (dBuV) () (dBuV/m) Anbote nbotek QP 1 52.5753 31.87 -15.29 16.58 40.00 -23.42 2 103.0800 35.96 -18.72 17.24 43.50 -26.26 QP -32.85 QP 3 141.3298 31.79 -21.14 10.65 43.50 Ant 222.9502 40.34 46.00 -24.81 QP 4 -19.15 21.19 botek -22.65 5 372.0045 39.11 -15.76 23.35 46.00 QP 6 821.7103 33.88 -9.82 24.06 46.00 -21.94 QP

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Report No.:1813C40065012504 FCC ID: 2BLVV-BW4

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56 % Temperature: 23.6 °C Humidity: Atmospheric Pressure: 101 kPa TM4 / Polarization: Vertical / Band: 5470-5725 MHz / BW: 20 / CH: L Anbo 80.0 dBu∀/m nbotek otet 70 Anbote Aupo 60 Ner 50 Anbotel 40 yek. PUp , nbotek 30 20 Anbo AND 10 ,otek 0.0 30.000 40 60 70 80 (MHz) 300 400 500 600 700 1000.000 Anbote 50 otek Freq. Reading Factor Result Limit Over Limit Height degree No. Detector Remark PUK (MHz) (dBuV/m) (dB) (cm) (deg) (dBuV) () (dBuV/m) Anbote nbotek QP 1 50.4089 32.62 -14.29 18.33 40.00 -21.67 2 103.0800 47.97 -18.72 29.25 43.50 -14.25 QP QP 3 178.1327 39.00 -20.74 18.26 43.50 -25.24 Ant AND 203.5228 41.57 43.50 -21.80 QP 4 -19.87 21.70 botek -25.74 5 374.6225 35.96 -15.70 20.26 46.00 QP 6 607.7867 34.52 -11.78 22.74 46.00 -23.26 QP

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Report No.:1813C40065012504 FCC ID: 2BLVV-BW4

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Anbotek 56 % Temperature: 23.6 °C Humidity: Atmospheric Pressure: 101 kPa PU, TM4 / Polarization: Horizontal / Band: 5725-5850 MHz / BW: 20 / CH: L Anbo 80.0 dBu∀/m nbotek ,otel 70 Anbote Aupo 60 Ner 50 Anbotel 40 yek. AND , nbotek 30 \$ hal 20 Anbo AND 10 ,otek 0.0 30.000 40 60 70 80 (MHz) 300 400 500 600 700 1000.000 Anbote 50 otek Freq. Reading Factor Result Limit Over Limit Height degree No. Detector Remark PUK (MHz) (dBuV/m) (dB) (cm) (deg) (dBuV) () (dBuV/m) Anbote nbotek QP 1 49.7068 32.29 -14.36 17.93 40.00 -22.07 2 103.8055 36.32 -18.81 17.51 43.50 -25.99 QP QP 3 120.2766 35.04 -21.04 14.00 43.50 -29.50 Ant AND 224.5193 40.66 -19.09 46.00 -24.43 QP 4 21.57 botek 40.02 5 374.6225 -15.70 24.32 46.00 -21.68 QP 6 638.3686 34.41 -11.64 22.77 46.00 -23.23 QP

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Report No.:1813C40065012504 FCC ID: 2BLVV-BW4

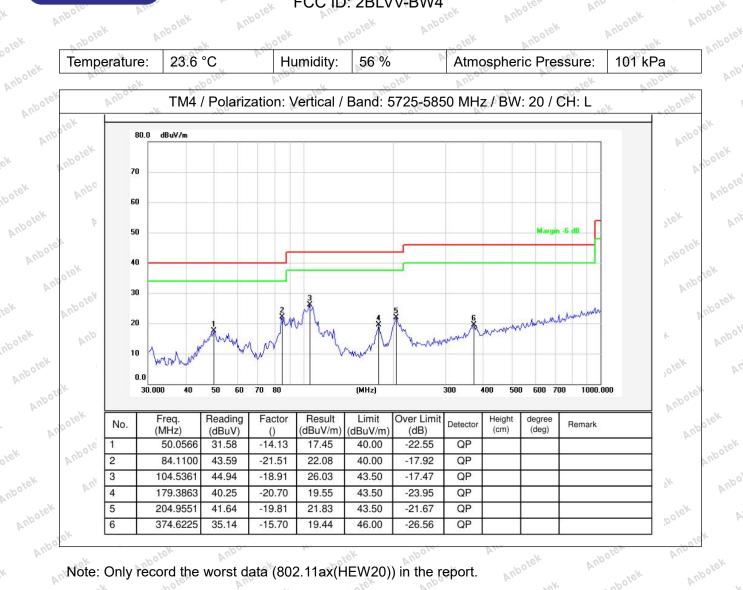
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Note: Only record the worst data (802.11ax(HEW20)) in the report. Anbotek

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Report No.:1813C40065012504 Anbotek FCC ID: 2BLVV-BW4 Anbol

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Test Requirement:	47 CFR Part 15.407(b 47 CFR Part 15.407(b		y yes	botek Anbo
iest Requirement.	47 CFR Part 15.407(b		Anboro Al	tek nbot
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Anbotek Anbo	increasing linearly to a MHz 0.090-0.110	e level of 27 dBm/MHz MHz 16.42-16.423 16.69475-	z at the band ed MHz 399.9-410	GHz 4.5-5.15
Anbotek Anbot Anbotek Anbot	increasing linearly to a <u>MHz</u> 0.090-0.110 ¹ 0.495-0.505 2.1735-2.1905	Ievel of 27 dBm/MHz MHz 16.42-16.423 16.69475- 16.69525 16.80425- 16.80475	z at the band ed MHz 399.9-410 608-614 960-1240	GHz 4.5-5.15 5.35-5.46 7.25-7.75
Anbotek Anbote Anbotek Anbote	increasing linearly to a MHz 0.090-0.110 ¹ 0.495-0.505	Ievel of 27 dBm/MHz MHz 16.42-16.423 16.69475- 16.69525 16.80425-	z at the band ed MHz 399.9-410 608-614	GHz 4.5-5.15 5.35-5.46
Anbotek Anbo	increasing linearly to a MHz 0.090-0.110 ¹ 0.495-0.505 2.1735-2.1905 4.125-4.128 4.17725-4.17775	Ievel of 27 dBm/MHz MHz 16.42-16.423 16.69475- 16.69525 16.80425- 16.80475 25.5-25.67 37.5-38.25	z at the band ed MHz 399.9-410 608-614 960-1240 1300-1427 1435-1626.5	GHz 4.5-5.15 5.35-5.46 7.25-7.75 8.025-8.5 9.0-9.2
Anbotek Anbot Anbotek Anbot	increasing linearly to a MHz 0.090-0.110 ¹ 0.495-0.505 2.1735-2.1905 4.125-4.128	Ievel of 27 dBm/MHz MHz 16.42-16.423 16.69475- 16.69525 16.80425- 16.80475 25.5-25.67	z at the band ed MHz 399.9-410 608-614 960-1240 1300-1427 1435-1626.5 1645.5-	GHz 4.5-5.15 5.35-5.46 7.25-7.75 8.025-8.5
Anbolek Anbolek Anbolek	increasing linearly to a MHz 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	Ievel of 27 dBm/MHz MHz 16.42-16.423 16.69475- 16.69525 16.80425- 16.80475 25.5-25.67 37.5-38.25 73-74.6	z at the band ed MHz 399.9-410 608-614 960-1240 1300-1427 1435-1626.5 1645.5- 1646.5	GHz 4.5-5.15 5.35-5.46 7.25-7.75 8.025-8.5 9.0-9.2 9.3-9.5
Anbolek Anbole	increasing linearly to a MHz 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	level of 27 dBm/MHz MHz 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	z at the band ed MHz 399.9-410 608-614 960-1240 1300-1427 1435-1626.5 1645.5- 1646.5 1660-1710	GHz 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
Anborek	increasing linearly to a MHz 0.090-0.110 ¹ 0.495-0.505 2.1735-2.1905 4.125-4.128 4.125-4.128 4.17725-4.17775 4.20725-4.20775 6.215-6.218 6.26775-6.26825	Ievel of 27 dBm/MHz MHz 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	z at the band ed MHz 399.9-410 608-614 960-1240 1300-1427 1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2	GHz 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
Test Limit: ^{Dutek} Anborek	increasing linearly to a MHz 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 6.26775-6.26825 6.31175-6.31225	Ievel of 27 dBm/MHz MHz 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	z at the band ed MHz 399.9-410 608-614 960-1240 1300-1427 1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2 2200-2300	GHz 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
e Test Limit: ^{borek} Anbor Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek	increasing linearly to a MHz 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 6.26775-6.26825 6.31175-6.31225 8.291-8.294	Ievel of 27 dBm/MHz MHz 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	z at the band ed MHz 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	GHz 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
Anbotek Anbote	increasing linearly to a MHz 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 6.26775-6.26825 6.31175-6.31225	Ievel of 27 dBm/MHz MHz 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-	z at the band ed MHz 399.9-410 608-614 960-1240 1300-1427 1435-1626.5 1645.5- 1646.5 1660-1710 1718.8- 1722.2 2200-2300	GHz 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
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The field strength of emissions appearing within these frequency bands shall

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hotek Altek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	sections of this part, e.g., In the emission table above The emission limits shown employing a CISPR quasi 90 kHz, 110–490 kHz and these three bands are base detector. ANSI C63.10-2020, section Above 1GHz: a. For above 1GHz, the E meters above the ground rotated 360 degrees to dee b. The EUT was set 3 met which was mounted on the c. The antenna height is v ground to determine the m and vertical polarizations of d. For each suspected emi- and then the antenna was test frequency of below 30	§§ 15.231 and 15.241. ve, the tighter limit apple in the above table are peak detector except above 1000 MHz. Rad sed on measurements on 12.7.4, 12.7.6, 12.7. UT was placed on the at a 3 meter fully-anect termine the position of ters away from the inte e top of a variable-heig aried from one meter to naximum value of the for the antenna are set ission, the EUT was a tuned to heights from DMHz, the antenna was	lies at the b e based on for the freq diated emis employing 7 top of a rota hoic chamb the highes erference-re ght antenna to four meter ield strengt to make the rranged to 1 meter to s tuned to h	and edges. measurement uency bands 9 sion limits in an average ating table 1.5 ber. The t	s)– was na, ntal nt. the r)
holek Arbolek Arbolek Arbolek Arbolek Arbolek Arbolek Arbolek Arbolek Arbolek	sections of this part, e.g., In the emission table above The emission limits shown employing a CISPR quasi 90 kHz, 110–490 kHz and these three bands are base detector. ANSI C63.10-2020, section Above 1GHz: a. For above 1GHz, the E meters above the ground rotated 360 degrees to de b. The EUT was set 3 met which was mounted on the c. The antenna height is v ground to determine the m and vertical polarizations of d. For each suspected em and then the antenna was test frequency of below 30 and the rotatable table was	§§ 15.231 and 15.241. ve, the tighter limit apple in the above table are peak detector except above 1000 MHz. Rad sed on measurements on 12.7.4, 12.7.6, 12.7. UT was placed on the at a 3 meter fully-anect termine the position of ters away from the inte e top of a variable-heig aried from one meter to naximum value of the for the antenna are set ission, the EUT was a tuned to heights from DMHz, the antenna was	lies at the b e based on for the freq diated emis employing 7 top of a rota hoic chamb the highes erference-re ght antenna to four meter ield strengt to make the rranged to 1 meter to s tuned to h	and edges. measurement uency bands 9 sion limits in an average ating table 1.5 ber. The t	s)– was na, ntal nt. the r)
holek Arbolek Arbolek Arbolek Arbolek Arbolek Arbolek Arbolek Arbolek Arbolek	sections of this part, e.g., In the emission table above The emission limits shown employing a CISPR quasi 90 kHz, 110–490 kHz and these three bands are base detector. ANSI C63.10-2020, section Above 1GHz: a. For above 1GHz, the E meters above the ground rotated 360 degrees to de b. The EUT was set 3 met which was mounted on the c. The antenna height is v ground to determine the m and vertical polarizations of d. For each suspected em and then the antenna was test frequency of below 30 and the rotatable table was maximum reading.	§§ 15.231 and 15.241. ve, the tighter limit apple in the above table are peak detector except above 1000 MHz. Rac sed on measurements on 12.7.4, 12.7.6, 12.7. UT was placed on the at a 3 meter fully-anect termine the position of ters away from the interest aried from one meter to haximum value of the for the antenna are set ission, the EUT was a tuned to heights from OMHz, the antenna was is turned from 0 degree	lies at the b e based on for the freq diated emis employing 7 top of a rota hoic chamb the highes rference-re ght antenna o four meter ield strengt to make the rranged to 1 meter to s tuned to h es to 360 de	and edges. measurement uency bands S sion limits in an average ating table 1.5 ber. The t	s)
holek Arbolek Arbolek Arbolek Arbolek Arbolek Arbolek Arbolek Arbolek Arbolek	sections of this part, e.g., In the emission table above The emission limits shown employing a CISPR quasi 90 kHz, 110–490 kHz and these three bands are base detector. ANSI C63.10-2020, section Above 1GHz: a. For above 1GHz, the E meters above the ground rotated 360 degrees to de b. The EUT was set 3 met which was mounted on the c. The antenna height is v ground to determine the m and vertical polarizations of d. For each suspected em and then the antenna was test frequency of below 30 and the rotatable table was maximum reading. e. The test-receiver system	§§ 15.231 and 15.241. ve, the tighter limit apple in the above table are peak detector except above 1000 MHz. Rac sed on measurements on 12.7.4, 12.7.6, 12.7. UT was placed on the at a 3 meter fully-anect termine the position of ters away from the inte e top of a variable-heig aried from one meter to naximum value of the for the antenna are set ission, the EUT was an tuned to heights from DMHz, the antenna was turned from 0 degree m was set to Peak Deter in the set to Peak Deter in the set to Peak Deter	lies at the b e based on for the freq diated emis employing 7 top of a rota hoic chamb the highes rference-re ght antenna o four meter ield strengt to make the rranged to 1 meter to s tuned to h es to 360 de	and edges. measurement uency bands S sion limits in an average ating table 1.5 ber. The t	s)
holek Arbolek Arbolek Arbolek Arbolek Arbolek Arbolek Arbolek Arbolek Arbolek	sections of this part, e.g., In the emission table above The emission limits shown employing a CISPR quasi 90 kHz, 110–490 kHz and these three bands are base detector. ANSI C63.10-2020, section Above 1GHz: a. For above 1GHz, the E meters above the ground rotated 360 degrees to de b. The EUT was set 3 met which was mounted on the c. The antenna height is v ground to determine the m and vertical polarizations of d. For each suspected em and then the antenna was test frequency of below 30 and the rotatable table was maximum reading. e. The test-receiver syster Bandwidth with Maximum	§§ 15.231 and 15.241. ve, the tighter limit apple in the above table are peak detector except above 1000 MHz. Rac sed on measurements on 12.7.4, 12.7.6, 12.7. UT was placed on the at a 3 meter fully-anect termine the position of ters away from the inte e top of a variable-heig aried from one meter to haximum value of the for the antenna are set ission, the EUT was an tuned to heights from 0MHz, the antenna was is turned from 0 degree m was set to Peak Deter Hold Mode.	lies at the b e based on for the freq diated emis employing 7 top of a rot hoic chamb the highes rference-re that antenna to four meter ield strengt to make the rranged to 1 meter to s tuned to h es to 360 de	and edges. measurement uency bands S sion limits in an average ating table 1.5 ber. The t	s)
holek Arbolek Arbolek Arbolek Arbolek Arbolek Arbolek Arbolek Arbolek Arbolek	sections of this part, e.g., In the emission table above The emission limits shown employing a CISPR quasi 90 kHz, 110–490 kHz and these three bands are base detector. ANSI C63.10-2020, section Above 1GHz: a. For above 1GHz, the E meters above the ground rotated 360 degrees to de b. The EUT was set 3 met which was mounted on the c. The antenna height is v ground to determine the m and vertical polarizations of d. For each suspected em and then the antenna was test frequency of below 30 and the rotatable table was maximum reading. e. The test-receiver syster Bandwidth with Maximum f. If the emission level of the	§§ 15.231 and 15.241. ve, the tighter limit apple in the above table are peak detector except above 1000 MHz. Rac sed on measurements on 12.7.4, 12.7.6, 12.7. UT was placed on the at a 3 meter fully-anect termine the position of ters away from the inte e top of a variable-heig aried from one meter to haximum value of the for the antenna are set ission, the EUT was and tuned to heights from 0MHz, the antenna was is turned from 0 degree m was set to Peak Deter Hold Mode. he EUT in peak mode	lies at the b e based on for the freq diated emis employing 7 top of a rota hoic chama the highes erference-re ght antenna to four meter ield strengt to make the rranged to 1 meter to s tuned to h es to 360 de ect Functio was 10dB I	and edges. measurement uency bands S sion limits in an average ating table 1.5 ber. The table v tradiation. eceiving antenr tower. ers above the h. Both horizon e measuremer its worst case 4 meters (for the heights 1 meter egrees to find n and Specifie ower than the	s)– was na, ntal nt. the r) the
holek Arbolek Arbolek Arbolek Arbolek Arbolek Arbolek Arbolek Arbolek Arbolek	sections of this part, e.g., In the emission table above The emission limits shown employing a CISPR quasi 90 kHz, 110–490 kHz and these three bands are base detector. ANSI C63.10-2020, section Above 1GHz: a. For above 1GHz, the E meters above the ground rotated 360 degrees to de b. The EUT was set 3 met which was mounted on the c. The antenna height is v ground to determine the m and vertical polarizations of d. For each suspected em and then the antenna was test frequency of below 30 and the rotatable table was maximum reading. e. The test-receiver system Bandwidth with Maximum f. If the emission level of th limit specified, then testing	§§ 15.231 and 15.241. ve, the tighter limit apple in the above table are -peak detector except above 1000 MHz. Rac sed on measurements on 12.7.4, 12.7.6, 12.7. UT was placed on the at a 3 meter fully-anect termine the position of ters away from the inter termine the position of termine the	lies at the b e based on for the freq diated emis employing 7 top of a rota hoic chamb the highes erference-re ght antenna to four meter ield strengt to make the rranged to 1 meter to s tuned to h es to 360 do ect Functio was 10dB l d the peak	and edges. measurement uency bands S sion limits in an average ating table 1.5 ber. The table v tradiation. eceiving antenr tower. ers above the h. Both horizon e measuremer its worst case 4 meters (for the egrees to find n and Specifie ower than the values of the E	s)- was na, ntal nt. the r) the ed
hotek Altek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	sections of this part, e.g., In the emission table above The emission limits shown employing a CISPR quasi 90 kHz, 110–490 kHz and these three bands are base detector. ANSI C63.10-2020, section Above 1GHz: a. For above 1GHz, the E meters above the ground rotated 360 degrees to de b. The EUT was set 3 met which was mounted on the c. The antenna height is v ground to determine the m and vertical polarizations of d. For each suspected em and then the antenna was test frequency of below 30 and the rotatable table was maximum reading. e. The test-receiver system Bandwidth with Maximum f. If the emission level of the limit specified, then testing would be reported. Otherw	§§ 15.231 and 15.241. ve, the tighter limit apple in the above table are peak detector except above 1000 MHz. Rac sed on measurements on 12.7.4, 12.7.6, 12.7. UT was placed on the at a 3 meter fully-anect termine the position of ters away from the interest of a variable-heig aried from one meter the naximum value of the for the antenna are set ission, the EUT was and tuned to heights from 0MHz, the antenna was is turned from 0 degrees m was set to Peak Deter Hold Mode. he EUT in peak mode g could be stopped and vise the emissions that	lies at the b e based on for the freq diated emis employing 7 top of a rota hoic chamb the highes rference-re ght antenna to four meter ield strengt to make the rranged to h as tuned to h ect Functio was 10dB l d the peak y	and edges. measurement uency bands S sion limits in an average ating table 1.5 ber. The t	s)
hotek Altek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	sections of this part, e.g., In the emission table above The emission limits shown employing a CISPR quasi 90 kHz, 110–490 kHz and these three bands are base detector. ANSI C63.10-2020, section Above 1GHz: a. For above 1GHz, the E meters above the ground rotated 360 degrees to de b. The EUT was set 3 met which was mounted on the c. The antenna height is v ground to determine the m and vertical polarizations of d. For each suspected em and then the antenna was test frequency of below 30 and the rotatable table was maximum reading. e. The test-receiver system Bandwidth with Maximum f. If the emission level of th limit specified, then testing	§§ 15.231 and 15.241. ve, the tighter limit apple in the above table are peak detector except above 1000 MHz. Rac sed on measurements on 12.7.4, 12.7.6, 12.7. UT was placed on the at a 3 meter fully-anect termine the position of ters away from the interest of a variable-heig aried from one meter the naximum value of the for the antenna are set ission, the EUT was and tuned to heights from 0MHz, the antenna was is turned from 0 degrees m was set to Peak Deter Hold Mode. he EUT in peak mode g could be stopped and vise the emissions that	lies at the b e based on for the freq diated emis employing 7 top of a rota hoic chamb the highes rference-re ght antenna to four meter ield strengt to make the rranged to h as tuned to h ect Functio was 10dB l d the peak y	and edges. measurement uency bands S sion limits in an average ating table 1.5 ber. The t	s)

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



and then reported in a data sheet.

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

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

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

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

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

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

12.1. EUT Operation

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Operating Environment: 1: 802.11a mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11a modulation type. All data rates has been tested and found the data rate @ 6Mbps is the worst case. Only the data of worst case is recorded in the report. 2: 802.11n mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with 802.11n modulation type. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report. 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 Ank 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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12.2. Test Setup

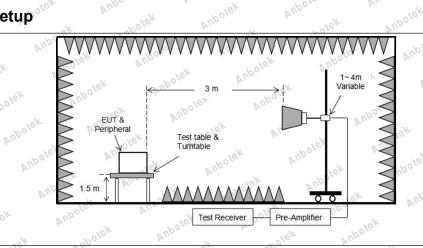
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Report No.:1813C40065012504 Anbotek FCC ID: 2BLVV-BW4

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12.3. Test Data

	, ick		nidity: 52 %	Kotek 1	Atmospheric Pr		l01 kPa
emperature:	22.2 0		iluity: 52 %	0° /	Aumospheric Pr	Plin	IUT KPa
5-1 1	sk	TM4 / Ban	d: 5150-525	0 MHz / BW	/· 20 / CH· I	10K	VUD.
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit	Antenna Pol.	Detector
10360.00	31.48	23.81	55.29	68.20	-12.91 m ^o	^{vo.} V ^A	Peak
15540.00	32.81	28.68	61.49	68.20	-6.71	notek V	Peak
10360.00	31.87	23.81	55.68	68.20	-12.52	, Hr	Peak
15540.00	32.89	o ^{ve×} 28.68 M	61.57	68.20	-6.63	AND H .ek	Peak
10360.00	20.861	23.81	44.67	54.00	-9.33	N/ A	AVG
15540.00	21.945	28.68	50.63	54.00	-3.37	V Anbo	AVG
10360.00	21.058	23.81	44.87	54.00	-9.13	_{. «К} . Н	Notek AVG
15540.00	21.577	28.68	50.26	54.00	batek -3.74 Anto	H	AVG
		TM4 / Ban	d: 5150-5250	0 MHz / BW	: 20 / CH: M		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
10400.00	30.84	23.81	54.65	68.20	-13.55	$\mathbf{N}_{p_{o}}$	Peak
15600.00	32.34	29.13	61.47	68.20	-6.73	K V AND	Peak
10400.00	31.36	23.81	55.17	68.20	-13.03	, H	Peak
15600.00	32.41	29.13	61.54	68.20	6.66 M	, Н	Peak
10400.00	21.131	23.81	44.94 M ^b	54.00	-9.06	Anborev	AVG
15600.00	22.065	29.13	51.20	54.00	-2.80	, Wek	AVG
10400.00	21.048	23.81	44.86	54.00	-9.14	H H	AVG
15600.00	21.657	29.13	50.79	54.00	-3.21	Aug	AVG
		TM4 / Ban	d: 5150-525	0 MHz / BW	: 20 / CH: H		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
10480.00	30.41	23.80	ore ^k 54.21 pm	68.20	-13.99	Anboter	Peak
15720.00	× 31.82 m ^b	30.03	61.85	68.20	-6.35	Netek	Peak
10480.00	31.00	23.80	54.80	68.20	-13.40	H H	Peak
15720.00	31.32	30.03	61.35	68.20	-6.85	HANDO	Peak
10480.00	19.80	23.80	43.60	54.00	-10.40	KOK V AT	AVG
15720.00	20.83	30.03	50.86	54.00	-3.14	V Mater	AVG
10480.00	20.26	23.80	44.06	54.00	100 ¹⁰ -9.94	H	AVG
15720.00	20.45	30.03	o ^{ve} 50.48	54.00	-3.52	Anbolt	AVG

1. Result =Reading + Factor

2. Only the worst case (802.11ax(HEW20)) is recorded in the report.

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

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		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	27.69	23.81	51.50	68.20	-16.70	VUAD Le.	Peak
15780.00	29.03	30.48	59.51	68.20	-8.69	Vabotel	Peak
10520.00	28.63	23.81	52.44	68.20	-15.76	H	🔊 Peak
15780.00	27.74	30.48	58.22	68.20	^{مر} ، 9.98- س	H And	Peak
10520.00	17.574	23.81	41.38 hot	54.00	-12.62	vorek V	AVG
15780.00	19.244	30.48	49.72	54.00	-4.28	V.	AVG
10520.00	18.998	o ^{tex} 23.81 M	42.81	54.00	-11.19	And H .ek	AVG
15780.00	18.466	30.48	48.95	54.00	-5.05	"Ha	AVG
		TM4 / Ban	nd: 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	28.88	23.87	× 52.75	68.20 And	-15.45	V ^{het} V	Anto Peak
15900.00	28.08	31.38	59.46	68.20	-8.74	Ver	Peak
10600.00	27.93	23.87	51.80	68.20	-16.40	And H .ek	Peak
15900.00	28.16	31.38	59.54	68.20	-8.66	H1002	Peak
10600.00	18.244	23.87	42.11	54.00	-11.89	K V Anbol	AVG
15900.00	18.994	31.38	50.37	54.00	-3.63	V	AVG
10600.00	18.278	23.87	42.15	54.00	o ^{vex} -11.85 pm	H P	AVG
15900.00	18.616	31.38	10 ^K 50.00 pm	54.00	-4.00	AnboteH	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	28.22	23.90	52.12	68.20	-16.08	ek V Anbo	Peak 🕅
15960.00	27.58	31.83	59.41	68.20	-8.79	V	»Peak
10640.00	28.30	23.90	52.20	68.20	ov ^{e⊻} 16.00 ⊾	H P	Peak
15960.00	27.72	31.83	ste ^k 59.55 ⊾n	68.20	-8.65	H ^{lod}	Peak
10640.00	16.98 M ⁰⁰	23.90	40.88	54.00	-13.12	Votek	AVG
15960.00	17.95	31.83	49.78	54.00	-4.22	A''V vetek	AVG
10640.00	17.45	23.90	41.35	54.00	-12.65	Hyupo.	AVG
15960.00	18.94	31.83	50.77	54.00	-3.23	tek H Anb	AVG AVG

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1. Result =Reading + Factor

2. Only the worst case (802.11ax(HEW20)) is recorded in the report.

3. Test frequency are from 1GHz to 40GHz, the amplitude of spurious emissions which are attenuated

more than 20 dB below the limits are not reported.

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		TM3 / Bar	nd: 5470-572	5 MHz / BW:	40 / CH: L		
requency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
1020.000	^{en} 27.63 ^{MnD}	24.12	51.75	68.20	-16.45	$^{VU} \Lambda_{o_{for}}$	Peak
6530.000	27.98	32.96	60.94	68.20	-7.26	V abotek	Peak
1020.000	28.82	24.12	52.94	68.20	-15.26	H	w Peak M
6530.000	27.60	32.96	60.56	68.20	-7.64 np ^o	H And	Peak
1020.000	17.38	24.12	41.50 mo ¹	54.00	-12.50	abotek V	AVG
6530.000	18.10 o ^{ve}	32.96	51.06	54.00	-2.94	V.	AVG
1020.000	17.02	o ^{ve×} 24.12 №	41.14	54.00	-12.86	And H 'sk	AVG
6530.000	17.70	32.96	50.66	54.00	-3.34	, Ĥa	AVG
		TM3 / Ban	d: 5470-5725	6 MHz / BW:	40 / CH: M		
requency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
1180.000	27.02	23.86	× 50.88 mo	68.20 ^{MND}	-17.32	V ^{lotek} V	Peak
6770.000	28.18	32.25	60.43	68.20	-7.77	Ver	Peak
1180.000	27.48	23.86	51.34	68.20	-16.86	And H .ek	Peak
6770.000	27.72	32.25	59.97	68.20	-8.23	H,000	Peak
1180.000	16.66	23.86	40.52	54.00	-13.48	K V Anbok	AVG
6770.000	16.79	32.25	49.04	54.00	-4.96	V	o ^{ve^kAVG}
1180.000	16.52	23.86	40.38	54.00	o ^{vex} -13.62 M	, H b,	AVG
6770.000	17.24	32.25	e [™] 49.49 _№ 10 ¹	54.00	-4.51	Anborer H	AVG
		TM3 / Bar	nd: 5470-5725	5 MHz / BW:	40 / CH: H		
requency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
1340.000	28.02	23.60	51.62	68.20	-16.58	sk V Anbo	Peak And
7010.000	28.18	31.58	59.76	68.20	-8.44	V	Peak
1340.000	26.48	23.60	50.08	68.20	[™] 18.12 🕅	H P	Peak
7010.000	27.17	31.58	ote ^k 58.75 pm	68.20	-9.45	Anbolth	Peak
1340.000	× 17.45 m ^b	23.60	41.05	54.00	-12.95	Votek	AVG
7010.000	18.03	31.58	49.61	54.00	-4.39	N ^N V	AVG
1340.000	17.00	23.60	40.60	54.00	-13.40	H ^{AUD}	AVG
7010.000	17.84	31.58	49.42	54.00	-4.58	iek H Anb	AVG

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1. Result =Reading + Factor

2. Only the worst case (802.11ac(HT40)) is recorded in the report.

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

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	-07	TM4 / Ban	d: 5725-5850) MHz / BW:	No.		76.
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
11490.000	^{en} 28.55 ^{MnD}	23.36	51.91	68.20	-16.29	VUADICE.	Peak
17235.000	29.91	31.97	61.88	68.20	-6.32	V potek	Peak
11490.000	29.03	23.36	52.39	68.20	-15.81	H	🔊 Peak
17235.000	30.12	31.97	62.09	68.20	et -6.11 no	H And	Peak
11490.000	17.86	23.36	× 41.22 × 41.22	54.00	-12.78	abotek V	AVG
17235.000	18.65	31.97	50.62	54.00	-3.38	V.	AVG
11490.000	18.06	ote ^k 23.36 pm	41.42	54.00	-12.58	And H 'sk	AVG
17235.000	18.08	31.97	50.05	54.00	-3.95	, Ha	AVG
		TM4 / 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	29.13	23.42	× 52.55 vo	68.20 ^{MTU}	-15.65	V ^{lotok} V	Peak
17355.000	29.79	32.18	61.97	68.20	-6.23	Ver	Peak
11570.000	29.23	23.42	52.65	68.20	-15.55	And H .ok	Peak
17355.000	30.21	32.18	62.39	68.20	-5.81	H100	Peak
11570.000	19.131	23.42	42.55	54.00	-11.45	K V ANDON	AVG
17355.000	18.965	32.18	51.15	54.00 o ^{te}	-2.85	V	AVG
11570.000	19.048	23.42	42.47	54.00	ove ^x -11.53 pm	, H b,	AVG
17355.000	18.457	32.18	^{مهر} 50.64 م	54.00	-3.36	Anborer H	AVG
		TM4 / Ban	d: 5725-5850	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	28.64	23.49	52.13	68.20	-16.07	odna V Ne	Peak An
17475.000	30.03	32.39	62.42	68.20	-5.78	V	Peak
11650.000	28.97	23.49	52.46	68.20	ove 15.74 N	H P	Peak
17475.000	29.82	32.39	w ^{ak} 62.21 m th	68.20	-5.99	Anboth	Peak
11650.000	* 18.20 M	23.49	41.69	54.00	-12.31	Votek	AVG
17475.000	18.77	32.39	51.16	54.00	-2.84	A V vek	AVG
11650.000	18.23	23.49	41.72	54.00	-12.28	H ^{AUD}	AVG
17475.000	18.43	32.39	50.82	54.00	-3.18	iek H Anb ^r	AVG

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1. Result =Reading + Factor

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APPENDIX I -- TEST SETUP PHOTOGRAPH

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

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APPENDIX II -- EXTERNAL PHOTOGRAPH

Please refer to separated files Appendix II -- External Photograph

APPENDIX III -- INTERNAL PHOTOGRAPH

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Please refer to separated files Appendix III -- Internal Photograph

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