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Report No.:1813C40065012501

FCC ID: 2BLVV-BW4

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FCC Test Report

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Applicant

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Shenzhen EagletVision Intelligence Technology

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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

Product Name

: Battery camera

Report Date

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Oct. 31, 2024

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FCC ID: 2BLVV-BW4

Contents

1. General Information	n	100tok	"Up		- Aupor	6
1.1. Client Inform 1.2. Description 1.3. Auxiliary Eq	nationof Device (EUT)	uring Test	Viporek Viporek	w. Wolek Willoyek	k Vulojek Vupoje	66 66 7
1.4. Operation c 1.5. Description	hannel list of Test Modes	Anootel	. 10 ¹ 60	orek ver	olok Vipo _l	8
1.7. Test Summa 1.8. Description	of Test Facility		probolek.	Vipolek	V Upogo	9
1.9. Disclaimer 1.10. Test Equip	ment List	Vuporek Vun	William William	Anbotek Anbotek	nio o o o o o o o o o o o o o o o o o o	11
2. Antenna requiremo	, voque γ	Will Ster.	ik woot	yk Aupok	, , , , , , , , , , , , , , , , , , ,	13
Conducted Emissi	on at AC power	line		polek Vi	Pus.	
1. General Information 1.1. Client Information 1.2. Description 1.3. Auxiliary Eq 1.4. Operation of 1.5. Description 1.6. Measuremen 1.7. Test Summan 1.8. Description 1.9. Disclaimer 1.10. Test Equip 2. Antenna requiremen 2.1. Conclusion 3. Conducted Emissi 3.1. EUT Operat 3.2. Test Setup 3.3. Test Data 4. Occupied Bandwick 4.1. EUT Operat 4.2. Test Setup 4.3. Test Data 5. Maximum Conduct 5.1. EUT Operat 5.2. Test Setup 5.3. Test Data 6. Channel Separation 6.1. EUT Operat 6.2. Test Setup 6.3. Test Data 7. Number of Hoppin 7.1. EUT Operat 7.2 Test Setup 7. Test Setup	ion of the state o	otek An Antorek	Kupolejt.	Aupojek Aupojek	Vigores. V	14 14 15
4. Occupied Bandwid	Ith	······································	Wuba.	W490 lok	Wuporg - 164	21
4.1. EUT Operat 4.2. Test Setup 4.3. Test Data	ion	kupoje _k	ok Repo	ejeViloo	opopeg Vupo _{na}	21 22 22
5. Maximum Conduc	ted Output Powe	er	ipo _{lek} V	upor b		Androise
5.1. EUT Operat 5.2. Test Setup . 5.3. Test Data	ion ^{o dell}	**************************************	Nupotek	Auporgr	Vilosiak Vilosiak	23 24 24
6. Channel Separation	on	Wuga.	, abolek	Auporg	1796 W	25
6.1. EUT Operat 6.2. Test Setup . 6.3. Test Data	jön _k alo ^{tel} Milo	We William	reservable s	rie ^k Anb ^o	^{Va} yo _{log} V _{UI}	
7. Number of Hoppin	g Frequencies	upolok P		···· ^K 4p _{Ofek}	Wupong	26
7.3. Test Data 8. Dwell Time	P.U.S.	A.Toole	Anba.		o _{tek} Vup _{ot} ,	27
8.1. EUT Operat 8.2. Test Setup . 8.3. Test Data	ion	in Hoto	Vupatel Olek Vup	kapolah Asi	Wilsolek Vi	28 28 28
9. Emissions in non-	estricted freque	ncy bands	boles	Wun	bologie	29
9.1. EUT Operat 9.2. Test Setup 9.3. Test Data	ion	Aug disk	k Woodek	lk Papo _k	ik Wisolek	30
10. Band edge emiss	sions (Radiated)	VUD.	104	potek Ari	00. 1	30





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APPENDIX III -- INTERNAL PHOTOGRAPH

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10.1.	EUT Operation		Ω ₀				31	
10.2.	Test Setup	apolo.	VIII	Polar	VUD.	, lek	32	Up.
40.0			, le	Nuo	9-6	Sh	<u>-</u>	

10.3 Test Data	e	"upole" Vu	·····	"90 ¹⁶ "	And 33	<i>V</i> -2
11. Emissions in frequency bands	(below 1GHz)	bolok	Anbore	b.		D.
11.1. EUT Operation	Vupo	n, ngolek	Vupole.	VII.	34	
11.2. Test Setup	k "Opole"	VII.	A DISE	AUD.	35	10/h
11.3. Test Data		r Vapo _{lo}	Vin	you	36	
12. Emissions in frequency bands	(above 1GHz)		iek Vupor			'upolien
12.1. EUT Operation	abolek Anb		-otek Au	DOLO. VIII	38	odn.
_ V · · · · · · · · · · · · · · · · · ·	Pr.	"POSEL VI	V2	"Olek		he.
12.3. Test Data	PUPOLO	bu.	200101	Vun	40	P
APPENDIX I TEST SETUP PHO	OTOGRAPH	Wupor.	w.	WUp Of Gr.	43	D.
APPENDIX II EXTERNAL PHO		Pupo _{les} .	VII.	"Jooken	43	٨/٠

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Report No.:1813C40065012501

FCC ID: 2BLVV-BW4

TEST REPORT

Shenzhen EagletVision Intelligence Technology Co., Ltd. Applicant

Manufacturer Shenzhen EagletVision Intelligence Technology Co., Ltd.

Product Name Battery camera

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-Model No.

3, QG6, QG13, QG13-2, QG15, QG15-4, MG3, MW6, QC3, QC6, QC6-2,

QC6-3, DW7

N/A Trade Mark

Input: 5V- 1.5A (with DC 3.7V, 5000mAh battery inside) Rating(s)

47 CFR Part 15.247

ANSI C63.10-2020

KDB 558074 D01 15.247 Meas Guidance v05r02

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 Necelpt.	Sept. 03, 2024
ex Aupotes, Aug 16k Vupotek	Anbor Anbore Anbore
Date of Test:	Sept. 06, 2024 to Oct. 15, 2024
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Prepared By:	Carl and Aller
Aupores Aug Olek Aupolek	(Cecilia Chen)
tex Aupoles Augo Tex Depotes	Anbor Andrew Anbore And
Tek Augusta August W. Volsk	Kingkongsim
Approved & Authorized Signer:	The first of the state of the s
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Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,



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upolek Un	Report Version	Description	Issued Date
And And	Root Root Antories	Original Issue.	Oct. 31, 2024
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Report No.:1813C40065012501

FCC ID: 2BLVV-BW4

1. General Information

1.1. Client Information

	18 ⁴		The state of the s
0	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
(e)	Factory	:	Shenzhen EagletVision Intelligence Technology Co., Ltd.
g/c	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)

Vie.		10 NO
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/A And to the Andrew Andrew Andrew Andrew
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/A And Otek Wipotek Vupo, York Wipotek Wipotek
RF Specification		
Operation Frequency	:	2402MHz to 2480MHz
Number of Channel	:	479 Anbotek Anbotek Anbotek Anbotek Anbotek
Modulation Type	:	GFSK, π/4 DQPSK, 8DPSK
Antenna Type		FPC Antenna no and anti-
Antenna Gain(Peak)	:	4.5dBiek Anbotek Anbotek Anbotek Ar
Danskile M		The state of the s

Remark

- (1) All of the RF specification are provided by customer.
- (2) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.





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Report No.:1813C40065012501 Anbolek FCC ID: 2BLVV-BW4

1.3. Auxiliary Equipment Used During Test

S.	Title	Manufacturer	Model No.	Serial No.
	Xiaomi 33W adapter	Xiaomi	MDY-11-EX	SA62212LA04358J
200	1.4. Operation chann	el list	Willows Will Williams	Vuporek Vupo

1.4. Operation channel list

Operation B	ation chann	ei iist _{Mahohek}	Vupolek	Anboren Anborek	Aupotek	Anbotel	oiek Vuo
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0 4000	2402	20	10010 2422 M	40	2442	60	2462
iek 1 an	olek 2403 hat	21	2423	Anb 41	2443	610	2463
2	2404	Anbo 22	2424	42	2444	62 _{Anb} ol ^e	2464
3.4	2405	23	2425	43 no 16	2445	10 63 AN	2465
And 4	2406	24 ¹⁰⁰¹⁸¹	2426	or 44 M	2446	64	2466
5,000	2407	25 Mah	2427	45	2447	65	2467
6 Anbo	2408	o ^{tel} 26	2428	46	2448	A 66	2468
otok 7 A	2409	27	2429	47 rek	2449	67	2469
No selection of the sel	2410	28	2430	48	2450 no ole	68 Anba	2470
10 10 le	2411	29 000	2431	49	2451 M	69 N	2471
10 otek	2412	30	2432 M	50	2452	Anboi 70	2472
11 _{nb} c	2413 Nabo	31	2433	nbole 51	2453	W. S. J. S. K.	2473
12	2414	32	2434	52	2454	72,0010 k	2474
13	2415	And 33	2435	530010	2455	73 100	2475 M
Anbott 14	2416	34	2436	54 _{Mn} bol	2456	74	2476
15	2417	35 Anbott	2437	ote 55	2457	75	2477
16 no	2418	nek 36 An	2438	56	2458	76 To 10 K	2478
ak 17 Anh	2419	100 to 37	2439	57,ek	2459	77	2479
_{lb} o ^{lelt} 18	2420	38	2440	58 10k	2460	78. ^{nb.oc.}	2480
19	2421	39	2441	59	2461 (100)	ek - bup	

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Report No.:1813C40065012501

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1.5. Description of Test Modes

Pretest Modes	Descriptions
arek AndoTM1 Andoos	Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation.
mbolek NTM2 And	Keep the EUT in continuously transmitting mode (non-hopping) with $\pi/4$ DQPSK modulation.
Anbotek TM3	Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.
Anboles TM4 Anbo	Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,.
TM5	Keep the EUT in continuously transmitting mode (hopping) with $\pi/4$ DQPSK modulation.
TM6*	Keep the EUT in continuously transmitting mode (hopping) with 8DPSK modulation.
1.6. Measurement Uncer	tainty, Anbotek Anbotek Anbotek Anbotek

1.6. Measurement Uncertainty

A POINT	ODF SK Modulation.
1.6. Measurement Uncertainty	Andolek Ando
Parameter	Uncertainty
Conducted emissions (AMN 150kHz~30MHz)	3.4dB Andores Anbores
Occupied Bandwidth	925Hz Anbore Anbore
Conducted Output Power	0.76dB
Dwell Time And Hotel And	2% Anborek Anborek An
Conducted Spurious Emission	1.24dB Anbotek Anbote Anbotek
Radiated spurious emissions (above 1GHz)	1G-6GHz: 4.78dB; 6G-18GHz: 4.88dB 18G-40GHz: 5.68dB
Radiated emissions (Below 30MHz)	3.53dB
Radiated spurious emissions (30MHz~1GHz)	Horizontal: 3.92dB; Vertical: 4.52dB

The measurement uncertainty and decision risk evaluated according to AB/WI-RF-F-032.

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.







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1.7. Test Summary

Test Items	Test Modes	Status
Antenna requirement	Arboiek / Anboiek	Vupb.
Conducted Emission at AC power line	Mode1,2,3	b upon.
Occupied Bandwidth	Mode1,2,3	b bu
Maximum Conducted Output Power	Mode1,2,3	PONON P
Channel Separation	Mode4,5,6	Anbolip P
Number of Hopping Frequencies	Mode4,5,6	WU Boyer
Dwell Time	Mode4,5,6	Panbol
Emissions in non-restricted frequency bands	Mode1,2,3,4,5,6	P N
Band edge emissions (Radiated)	Mode1,2,3	bolek P
Emissions in frequency bands (below 1GHz)	Mode1,2,3	, Poler
Emissions in frequency bands (above 1GHz)	Mode1,2,3	Push

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Report No.:1813C40065012501

FCC ID: 2BLVV-BW4

1.8. Description of Test Facility

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

FCC-Registration No.:434132

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

ISED-Registration No.: 8058A

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

Test Location

Shenzhen Anbotek Compliance Laboratory Limited.

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

1.9. Disclaimer

- The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
- 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.
- Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.
- 6. The authenticity of the information provided by the customer is the responsibility of the customer and the laboratory is not responsible for its authenticity.

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



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FCC ID: 2BLVV-BW4

1.10. Test Equipment List

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io _o	Cond	ucted Emission at A	C power line	Vuporen !	Vun. Olek	Wupolek	Vupo.
VUDO.	Item	Equipment No.	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
Aupo	Jolek Charles	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	2024-01-18	2025-01-17
lo _k	200	Three Phase V- type Artificial Power Network	CYBERTEK AND	EM5040DT	E215040D T001	2024-01-17	2025-01-16
upolok	3	Software Name EZ-EMC	Farad Technology	ANB-03A	N/A	Aur Joseph	Will Stelk
Aupole	4	EMI Test Receiver	Rohde & Schwarz	ESPI3	100926	2024-09-09	2025-09-08

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Occupied Bandwidth

Maximum Conducted Output Power

Channel Separation

Number of Hopping Frequencies

	Numb	per of Hopping Frequ	iencies	"OfGL	And	-tek	"Upo,
nbotek	Dwell Emiss	Time sions in non-restricte	d frequency bands	Aun Jolek	Aupolek	Aupa	Anborek
Aupore	Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
Anl	1 and other	Constant Temperature Humidity Chamber	And ZHONGJIAN And O	ZJ- KHWS80B	N/A Ando	2023-10-16	2024-10-15
lek	2,50	DC Power Supply	IVYTECH	IV3605	1804D360 510	2024-09-09	2025-09-08
upolek	3	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102150	2024-05-06	2025-05-05
Anboli	4	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY505318 23	2024-09-09	2025-09-08
AT	5	Oscilloscope	Tektronix Andrew	MDO3012	C020298	2024-10-10	2025-10-09
6	№6	MXG RF Vector Signal Generator	Agilent	N5182A	MY474206 47	2024-02-04	2025-02-03

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	"polici	Varia	FCC ID: 2	2BLVV-BVV4	de No.	Oler VUD	
le V	Vupo _{je}	Ne Auporgr	Augotok Augo	Nok Vupo	Polick W.	Anbolsk Ar	Poles Viek
rek.	Band	edge emissions (Ra	diated)	'upo _{les} , 's	"Un	Wilpolole R	Vupe Siek
, rek	Item	Equipment Do	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
VUPO	1	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22
Mulpo	2,1	EMI Preamplifier	SKET Electronic	LNPA- 0118G-45	SKET-PA- 002	2024-01-17	2025-01-16
ir b	3,00	Double Ridged Horn Antenna	SCHWARZBECK	9120D	02555	2022-10-16	2025-10-15
potok	4	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	Wupoles	Aupoliek
anbotel	5	Horn Antenna	A-INFO	LB-180400- KF	J21106062 8	2024-01-22	2027-01-21
Aulo	6 ° 6	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102150	2024-05-06	2025-05-05
	100 to 10 to	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2024-05-07	2025-05-06

1	VII. 1	Amplifier	Talent Microwave	G-50-30	23022802	2024-05-07	2025-05-06	40
18j	Anbe	b. b.	Vupo _{la} , Vu	- %	" "polesik	Vup.	"olek	Aupolo
hotek	Emis	sions in frequency b	ands (below 1GHz)	Wupore	W. Polek	Auporen !	Vun.	Aupol.
10 to	Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date	P.
Vun.	I _{Ol} O	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22	
Vu,	2,0	Pre-amplifier	SONOMA	310N nb ^{ot}	186860	2024-01-17	2025-01-16	Olek
, iek	3	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	2022-10-23	2025-10-22	o upojek
" ofek	4	Loop Antenna (9K- 30M)	Schwarzbeck	FMZB1519 B	00053	2024-09-12	2025-09-11	W. Woo
Yun Jupop	5	EMI Test Software EZ-EMC	SHURPLE TO SHURPLE	N/A	N/A _{nbo} iel	Auporen	k Woolsk	Þ
he.		POLO.	"In." Of Che	VUD		iek apor	Bra	N-

Item Equipment		Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
2 EMI Preamplifier SKET Electron		Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22
		SKET Electronic	LNPA- 0118G-45	SKET-PA- 002	2024-01-17	2025-01-16
		SCHWARZBECK	BBHA 9120D	02555	2022-10-16	2025-10-15
4	EMI Test Software EZ-EMC	SHURPLE	otek N/A Ande	N/A	" upolok / A	Pul
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
10 ¹ 7	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2024-05-07	2025-05-06

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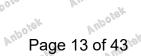
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Report No.:1813C40065012501

FCC ID: 2BLVV-BW4

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2. Antenna requirement

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Test Requirement:

Refer to 47 CFR Part 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

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2.1. Conclusion

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The antenna is a FPC antenna which permanently attached, and the best case gain of the antenna is 4.5dBi. It complies with the standard requirement. Anboick

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Report No.:1813C40065012501 Anboliek

FCC ID: 2BLVV-BW4

3. Conducted Emission at AC power line

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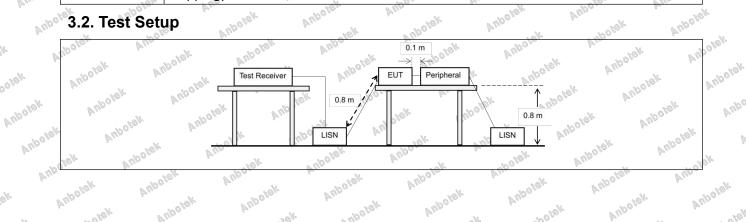
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ak Aupotek Aup	Refer to 47 CFR 15.207(a), Except section, for an intentional radiator t public utility (AC) power line, the ra	hat is designed to be con	nected to the				
Test Requirement:	back onto the AC power line on any frequency or frequencies, within the						
Vupo _{fer} , Vup	band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 µH/50 ohms line impedance stabilization network						
Wupolek Wuporg	measured using a 50 µH/50 onms (LISN).	ine impedance stabilizati	on network				
Polek Wipos	Frequency of emission (MHz)	Conducted limit (dBµV)	Vu _D				
Wun View	olek Vupp	Quasi-peak	Average				
T41:000	0.15-0.5	66 to 56*	56 to 46*				
Test Limit:	0.5-5	56	46				
Notes And	5-30 el and a second	60 Notes	50				
in diek aupoles	*Decreases with the logarithm of th	e frequency.	Aupoles				
Test Method:	ANSI C63.10-2020 section 6.2	Tupore, Vun	WUDOLOK				
Procedure:	Refer to ANSI C63.10-2020 section line conducted emissions from unli		od for ac powe				

400	400°	III e condu	icted emissions	MIOIII UIIIICEII	seu wireless de	vices	40-
^{JD} OLC	3.1. EUT Operation	Joseph Charles	Vupolek	Wupolek	Aupopolek	Anbolek	Vuporge Olsk
And	Operating Environmen	nt:Anbos	woolek	Aupoles.	VIII.	Wupoley	Vupp
Vu	hopp	ing) with GFS	SK modulation.	. V°	continuously tra	2200	. e/-
lek	non-	hopping) with	h π/4 DQPSK r	nodulation.	UT in continuou		101016
nbotek	Anbotek 3: TX hopp	-8DPSK (No ing) with 8DF	n-Hopping): Ke PSK modulation	ep the EUT in	n continuously tr	ansmitting mo	de (non-
, anbol	3.2. Test Setup	A TOOLSK	Vupoler F	Vun.	Anbolek	Vupa, "ISK	W. Lipote,

3.2. Test Setup

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Report No.:1813C40065012501 FCC ID: 2BLVV-BW4

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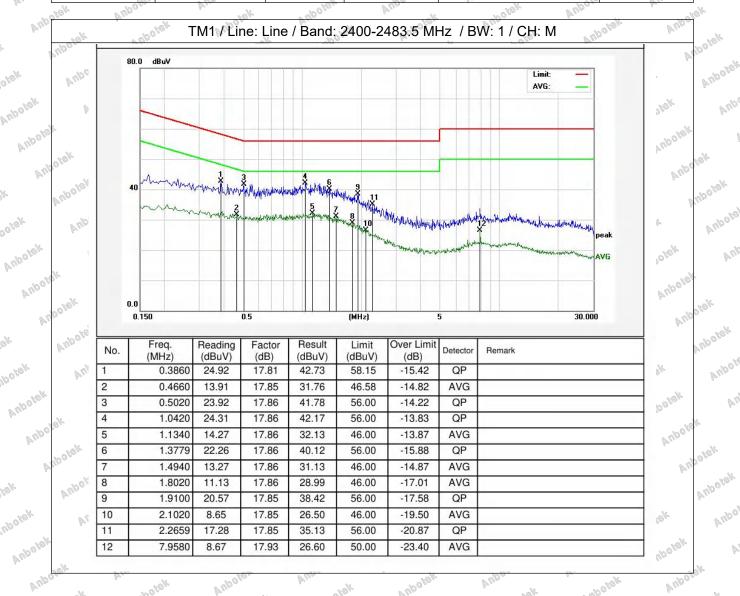
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3.3. Test Data who left

24.7 °C 55 % Temperature: **Humidity:** Atmospheric Pressure: 101 kPa



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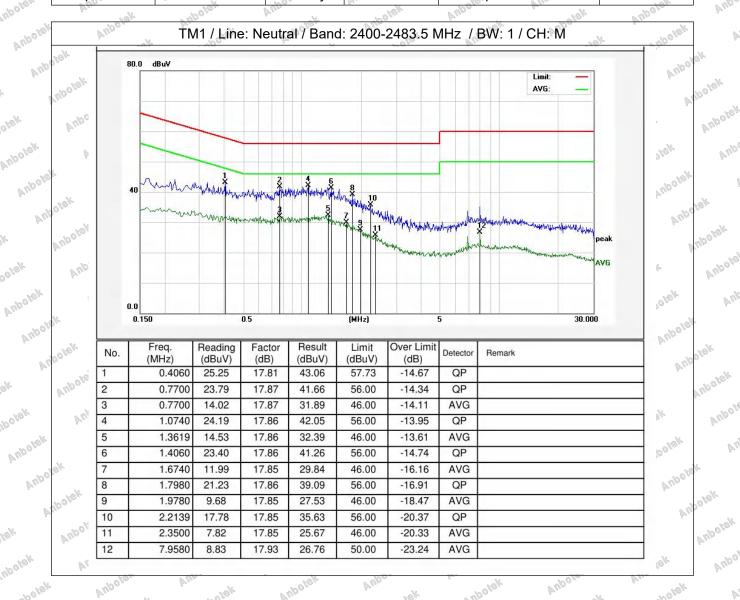
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24.7 °C 55 % Temperature: **Humidity:** Atmospheric Pressure: 101 kPa

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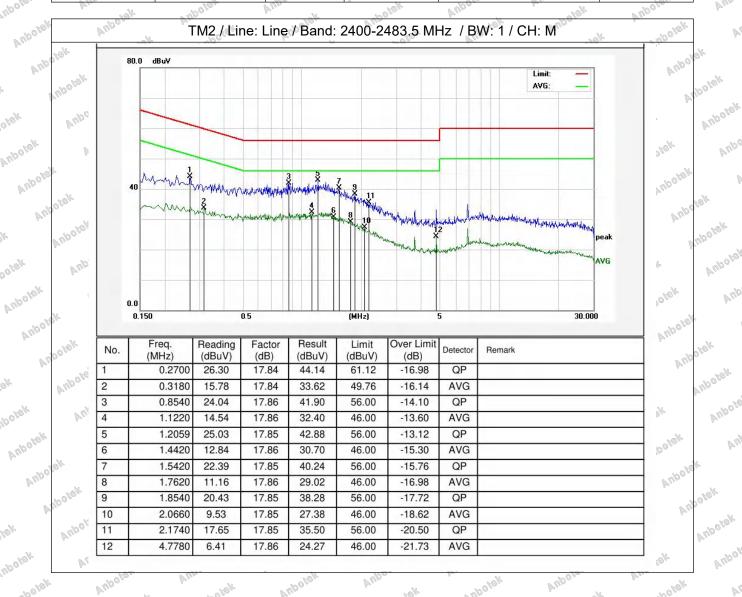
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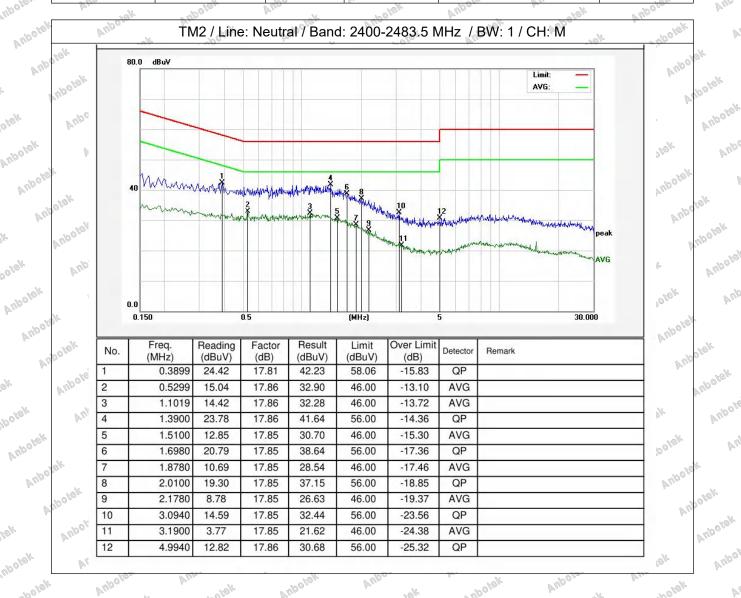
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24.7 °C 55 % Temperature: **Humidity:** Atmospheric Pressure: 101 kPa

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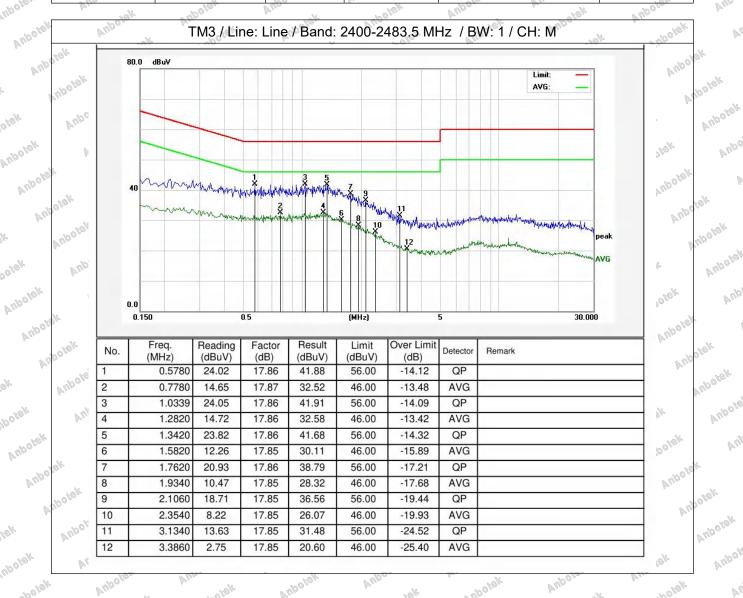
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24.7 °C 55 % Temperature: **Humidity:** Atmospheric Pressure: 101 kPa

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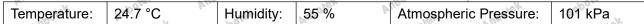
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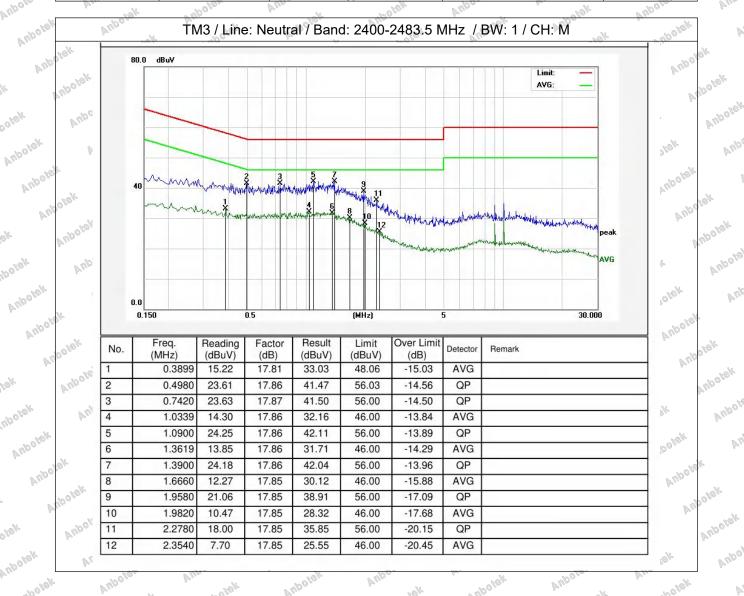
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4. Occupied Bandwidth

Test Requirement: 47 CFR 15.247(a)(1) Refer to 47 CFR 15.215(c), intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated. ANSI C63.10-2020, section 7.8.6, For occupied bandwidth measurement use the procedure in 6.9.3. Frequency hopping shall be disabled for this KDB 558074 D01 15.247 Meas Guidance v05r02 The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each each	alejk
alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated i the rule section under which the equipment is operated. ANSI C63.10-2020, section 7.8.6, For occupied bandwidth measurement use the procedure in 6.9.3. Frequency hopping shall be disabled for this KDB 558074 D01 15.247 Meas Guidance v05r02 The occupied bandwidth is the frequency bandwidth such that, below its	ing Williams
Test Method: use the procedure in 6.9.3. Frequency hopping shall be disabled for this KDB 558074 D01 15.247 Meas Guidance v05r02 The occupied bandwidth is the frequency bandwidth such that, below its	ntained in §§ the designed to the ver bandwidth the which the
to 0.5% of the total mean power of the given emission. The following procedure shall be used for measuring 99% power bandwidth: a) The instrument center frequency is set to the nominal EUT channel ce frequency. The frequency span for the spectrum analyzer shall be between	ers are each equal e following dth: UT channel center
1.5 times and 5.0 times the OBW. b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 19 5% of the OBW, and VBW shall be at least three times the RBW, unless otherwise specified by the applicable requirement.	RBW, unless
c) Set the reference level of the instrument as required, keeping the sign from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than [10 log (OBW/RBW)] below the reference level. Specific guidance is given in 4.1.6.2.	peration. In nan [10 log
d) Step a) through step c) might require iteration to adjust within the specified range. e) Video averaging is not permitted. Where practical, a sample detection	ick anboli
single sweep mode shall be used. Otherwise, peak detection and max-homode (until the trace stabilizes) shall be used. f) Use the 99% power bandwidth function of the instrument (if available) is	on and max-hold
report the measured bandwidth. g) If the instrument does not have a 99% power bandwidth function, then trace data points are recovered and directly summed in linear power tern	function, then the
The recovered amplitude data points, beginning at the lowest frequency, placed in a running sum until 0.5% of the total is reached; that frequency recorded as the lower frequency. The process is repeated until 99.5% of	est frequency, are that frequency is
total is reached; that frequency is recorded as the upper frequency. The spower bandwidth is the difference between these two frequencies. h) The occupied bandwidth shall be reported by providing spectral plot(s) the measuring instrument display; the plot axes and the scale units per	equency. The 99% uencies. spectral plot(s) of
division shall be clearly labeled. Tabular data may be reported in addition the plot(s).	

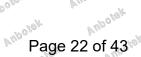
4.1. EUT Operation

Operating En	vironment:	olek Augoles.	Wunn Olek	W4p010k	Wy Coll	
Test mode:		Non-Hopping): Kee GFSK modulation.		tinuously trans	mitting mode (non-	-









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FCC ID: 2BLVV-BW4

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2: TX-π/4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with $\pi/4$ DQPSK modulation.

3: TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (nonhopping) with 8DPSK modulation.

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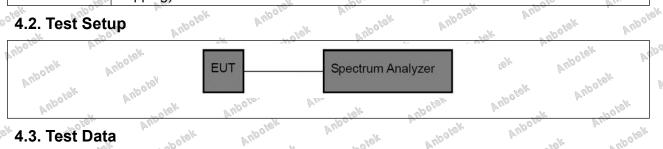
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4.2. Test Setup

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4.3. Test Data

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10	4.3. Test Data	a Ann	v upolek	Aupolok	Wupo	bolok	Vupolok	Wupole of	3k Pu	10016k
Vo	Temperature:	22 °C	" "Polek	Humidity:	56 %	"Olek	Atmospheric I	Pressure:	101 kPa	"Upolek
	Please Refer to	Append	dix for Deta	ails.	te.	Ando	ek Aupol	igh Mi	polek	Vupojek

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5. Maximum Conducted Output Power

Test Requirement:	47 CFR 15.247(b)(1)
Test Limit: Anbovek	Refer to 47 CFR 15.247(b)(1), For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts.
Test Method:	ANSI C63.10-2020, section 7.8.5 KDB 558074 D01 15.247 Meas Guidance v05r02
Aupoles Aup	This is an RF-conducted test to evaluate maximum peak output power. Use a direct connection between the antenna port of the unlicensed wireless
ek Aupore	device and the spectrum analyzer, through suitable attenuation. Frequency hopping shall be disabled for this test. Use the following spectrum analyzer
Posek Vuporek	settings: a) Span: Approximately five times the 20 dB bandwidth, centered on a hopping channel.
Anbotek Anbote	b) RBW > 20 dB bandwidth of the emission being measured. c) VBW ≥ RBW.
Wupoyer Wu	d) Sweep: No faster than coupled (auto) time. e) Detector function: Peak.
Procedure; no otol	f) Trace: Max-hold. g) Allow trace to stabilize.
Spoke, William Williams	h) Use the marker-to-peak function to set the marker to the peak of the emission.
Anbotek Anbot	i) The indicated level is the peak output power, after any corrections for external attenuators and cables. j) A spectral plot of the test results and setup description shall be included in
Willofek W	the test report. NOTE—A peak responding power meter may be used, where the power
lek Wilpoyek	meter and sensor system video bandwidth is greater than the occupied
"Ofek Wipofek	bandwidth of the unlicensed wireless device, rather than a spectrum analyzer.

5.1. EUT Operation

'lle	Operating Envir	onment:	abolok.	Andore	P. Crek	Aupole	Vun 10k
Vupo	" " " " " " " " " " " " " " " " " " "	1: TX-GFSK (N	lon-Hopping):	Keep the EUT	in continuously	transmitting	mode (non-
ngb.	Ven Vun	hopping) with (k Aupolo	Wis.	Nodn As:
he.	Test mode: No				EUT in continu	ously transm	itting mode
	Up	(non-hopping)				5.0	" Olek DA
20	"Olek D	3: TX-8DPSK (Non-Hopping)	: Keep the EU	T in continuously	y transmitting	mode (non-
O. C.	And	hopping) with 8	BDPSK modula	ation.	Vupope. Vu	*OF	anbolelle.



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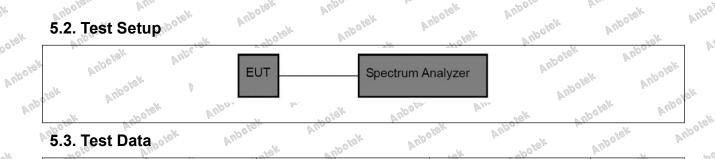
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nbojek 5.2. Test Setup



5.3. Test Data

5.3. Test Dat	a _{holek}	Aupoles.	V.L.	ootek V	^{ipo} isk	Vuga 200 iek	Wupolek	Pu
Temperature:	22 °C	And Hu	midity:	56 %	Atmospl	neric Pressure:	101 kPa	
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Please Refer to	Appendix	for Details.	10k	VUPOLO	b.	ok abolien	AUD	V.

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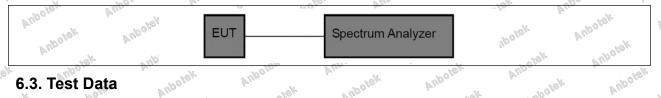
6. Channel Separation

~0/c	Alle	100
Ann	Test Requirement:	47 CFR 15.247(a)(1)
Wupo.	rek Aupolek	Refer to 47 CFR 15.247(a)(1), Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or
Pos	olek aupoles.	the 20 dB bandwidth of the hopping channel, whichever is greater.
16	Test Limit:	Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz
10K	"Uporer Vur	band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel,
20.	" Pupole	whichever is greater, provided the systems operate with an output power no
Aupolon	And And	greater than 125 mW.
Vupore,	Test Method:	ANSI C63.10-2020, section 7.8.2 KDB 558074 D01 15.247 Meas Guidance v05r02
Vul	n vojek	The EUT shall have its hopping function enabled. Use the following
3K	VUPO FOR WUP	spectrum analyzer settings:
	Pulpor Wuporg	a) Span: Wide enough to capture the peaks of two adjacent channels. b) RBW: Start with the RBW set to approximately 30% of the channel
100,600	Vur Vole	spacing; adjust as necessary to best identify the center of each individual
holok	Wuporg W.	channel. And
Vun	or spore Au	c) Video (or average) bandwidth (VBW) ≥ RBW.
Aupor	Procedure:	d) Sweep: No faster than coupled (auto) time.
	oolek Ando	e) Detector function: Peak. f) Trace: Max-hold.
lo.	otek Wupoles	g) Allow the trace to stabilize.
igh.	Vupa Potok	Augore Augores Augores Aug
- Olek	Wupola, Wun	Use the marker-delta function to determine the separation between the
up	Motek Aupo	peaks of the adjacent channels. Compliance of an EUT with the appropriate
Vupo par	VIII.	regulatory limit shall be determined. A spectral plot of the data shall be included in the test report.
. mo!	OK WOOD B	Included III the restriction.
And	6.1. EUT Operation	Andrew Andrew Andrew Andrew Andrew Andrew

6.1. EUT Operation

Vin	6.1. EUT Ope	ration Mark	anbotek.	Vupo.	Phojek	Wilpoles,	Vun Ofek	
<i>P</i> ,	Operating Envir	onment:	abolek	Vupour	Polsk.	Aupolich	Van	18
upolek iek	Vupo iek	4: TX-GFSK (Hopping with GFSK modulatio 5: TX-π/4-DQPSK (H	n,. Anbou	V'	iek vuporo	Blo	400	100
Pupotek	Test mode:	(hopping) with π/4 DC 6: TX-8DPSK (Hoppin with 8DPSK modulati	QPSK modulating): Keep the l	ion. 🔪	PUD VIEW	- 1	Nok.	

6.2. Test Setup



6.3. Test Data

(O) ⁶	Temperature:	22 °C	Vupo _{ler}	Humidity:	56 %	anbotel.	Atmospheric Pressure:	101 kPa	Pupo

Please Refer to Appendix for Details.







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Report No.:1813C40065012501

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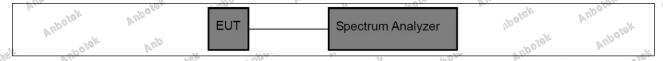
7. Number of Hopping Frequencies

Ple.	The Man Wall of the Wall o
Test Requirement:	47 CFR 15.247(a)(1)(iii)
Lek Vipolek	Refer to 47 CFR 15.247(a)(1)(iii), Fequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels. The average time of
Test Limit:	occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels
Aupoter Aupote	employed. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 channels are used.
Test Method:	ANSI C63.10-2020, section 7.8.3 KDB 558074 D01 15.247 Meas Guidance v05r02
otsk Wipoles	The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings:
Wildowsk Wildowsk	a) Span: The frequency band of operation. Depending on the number of channels the device supports, it could be necessary to divide the frequency
Anbotok Anbot	range of operation across multiple spans, to allow the individual channels to be clearly seen. b) RBW: To identify clearly the individual channels, set the RBW to less than
ek Anbolow Ar	30% of the channel spacing or the 20 dB bandwidth, whichever is smaller. c) VBW ≥ RBW.
Procedure:	d) Sweep: No faster than coupled (auto) time. e) Detector function: Peak.
Aupolek Aupole	f) Trace: Max-hold.
Anborek Anbore	g) Allow the trace to stabilize.
Anbolek Anbo	It might prove necessary to break the span up into subranges to show clearly all of the hopping frequencies. Compliance of an EUT with the appropriate
Joh Wupolok V	regulatory limit shall be determined for the number of hopping channels. A spectral plot of the data shall be included in the test report.
The state of the s	1 4/15 · 100/2

7.1. EUT Operation

	Operating Envir	onment:	Wupo tok	Pupp Pul	, nboli	3k Anboro	Pr.	notek.
	Wupoles.		K (Hopping): modulation,		JT in continu	lously transmit	ting mode (hopping)
V-	Test mode:	5: TX-π/4-I	DQPSK (Hop	ping): Keep		continuously tra	ansmitting n	node
26	iek Wupoles		with π/4 DQP SK (Hopping)			nuously transm	itting mode	(hopping)
	isk abo		K modulation		Anbor	N. Jek	Aupotion.	V II PAN

7.2. Test Setup



7.3. Test Data

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20	T	22.00	2 Up 0	Llunaiditus EC 0	V shore	Atronopolio D	104 kD	000
	Temperature:	22 °C	br.	Humidity: 56 %	V VUD	Atmospheric P	ressure: 101 kP	a "
- 1	-160. VIII.		nul.	- 40	9	1. O .	10%	

Please Refer to Appendix for Details.





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8. Dwell Time

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8. Dwell Time	tek Wupolek Wupo	nek Vipolek	Aupoles	Wun Jookek
Test Requirement:	47 CFR 15.247(a)(1)(iii)	14pg 1	lick Vupoles.	bu.
Anbotek Anbotek Anbotek Anbotek	Refer to 47 CFR 15.247(a 2483.5 MHz band shall us occupancy on any channed period of 0.4 seconds multiple employed. Frequency hop transmissions on a particulate that the channels are used.	se at least 15 channel shall not be great tiplied by the numb pping systems may	nels. The average er than 0.4 seconder of hopping cha avoid or suppress	time of ds within a nnels
Test Method:	ANSI C63.10-2020, section KDB 558074 D01 15.247		5r02	Anbost
Anbotek Anbotek Anbotek Anbotek	The dwell time per hop on transmission to the end of a single transmission per transmission. If the device dwell time is measured from the last transmission.	the last transmissi hop then the dwell has a multiple trar	on for that hop. If time is the durationsmissions per ho	the device ha n of that p then the
Potek Vipotek Vipotek	The time of occupancy is over an observation period determine the time of occumeasure both the dwell tir transmits on a specific characteristic characteristics.	d specified in the re upancy the spectru ne per hop and the	egulatory requirem m analyzer will be number of times	ent. To configured t
olek Anbolek Anbolek Anbolek	The EUT shall have its ho requirements shall be made number of channels enable the number of channels the based on the minimum number of the dwell times per channel (experience).	de with the minimur led. If the dwell time nan compliance with imber of channels. example Bluetooth	m and with the ma e per channel doe n the requirements If the device supp devices can dwell	iximum s not vary wi s may be orts different on a channe
Procedure:	for 1, 3 or 5 time slots) the dwell time with the minimum.	um number of chan	nels. Anbolok	Augo tek
Wupotek Wupo	Use the following spectrum hop: a) Span: Zero span, center	ered on a hopping o	hannel.	k Anbois
Mupolek Wipolek	b) RBW shall be ≤ channed set >> 1 / T, where T is the c) Sweep time: Set so that last transmission for the h	e expected transmist t the start of the first op are clearly capto	ssion time per hop at transmission and ared. Setting the s	o. d end of the weep time to
tek Wupolek Wupolek	be slightly longer than the 1/hopping rate) should ac d) Use a video trigger, who the transmission is clearly	hieve this. ere possible with a observed. The trig	trigger delay, so t ger level might ne	hat the start o
Anbotek Anbotek	to reduce the chance of tr channel. e) Detector function: Peak f) Trace: Clear-write, singl	iggering when the s c. e sweep.	system hops on ar	adjacent no
Augolog Augolo	g) Place markers at the st the end of the last transmi			







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Report No.:1813C40065012501

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these two markers.

To determine the number of hops on a channel in the regulatory observation period repeat the measurement using a longer sweep time. When the device uses a single hopping sequence the period of measurement should be sufficient to capture at least 2 hops. When the device uses a dynamic hopping sequence, or the sequence varies, the period of measurement may need to capture multiple hops to better determine the average time of occupancy. Count the number of hops on the channel across the sweep time.

The average number of hops on the same channel within the regulatory observation period is calculated from the number of hops on the channel divided by the spectrum analyzer sweep time multiplied by the regulatory observation period. For example, if three hops are counted with an analyzer sweep time of 500 ms and the regulatory observation period is 10 s, then the number of hops in that ten seconds is $3 / 0.5 \times 10$, or 60 hops.

The average time of occupancy is calculated by multiplying the dwell time per hop by the number of hops in the observation period.

8.1. EUT Operation

Operating Environment:

4: TX-GFSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation..

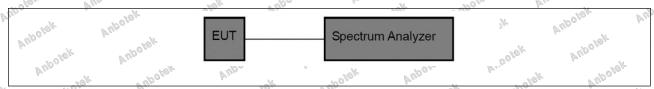
Test mode:

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5: TX- π /4-DQPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with π /4 DQPSK modulation.

6: TX-8DPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with 8DPSK modulation.

8.2. Test Setup



8.3. Test Data

	Temperature:	22 °C	Upoles	Humidity:	56 %	Holok	Atmospheric P	ressure:	101 kPa	Aupol
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Please Refer to Appendix for Details.







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Report No.:1813C40065012501

FCC ID: 2BLVV-BW4

9. Emissions in non-restricted frequency bands

Test Requirement:	47 CFR 15.247(d), 15.209, 15.205
TOST REQUIREMENT.	Refer to 47 CFR 15.247(d), In any 100 kHz bandwidth outside the frequency
upotek Vupote, b	band in which the spread spectrum or digitally modulated intentional radiator
abolek Anbore	is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within
Vi. Vielk Willougher	the band that contains the highest level of the desired power, based on
Test Limit:	either an RF conducted or a radiated measurement, provided the transmitter
Aupolo	demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of
tely anbotely Auto	RMS averaging over a time interval, as permitted under paragraph (b)(3) of
a hotek	this section, the attenuation required under this paragraph shall be 30 dB
Upoles Vun	instead of 20 dB. Attenuation below the general limits specified in § 15.209(a) is not required.
"Upotok Wupo	ANSI C63.10-2020 section 7.8.7
Test Method:	KDB 558074 D01 15.247 Meas Guidance v05r02
Vies Vipole	7.8.7.1 General considerations
William of	To demonstrate compliance with the relative out-of-band emissions
ing William Will	requirements conducted spurious emissions shall be measured for the transmit frequencies, per 5.5 and 5.6, and at the maximum transmit powers.
. tek	Frequency hopping shall be disabled for this test with the exception of
400 Proper	measurements at the allocated band-edges which shall be repeated with
Vuporer, Vun	hopping enabled.
nbolek Anbos	Connect the primary antenna port through an attenuator to the spectrum
W. Willey William	analyzer input; in the results, account for all losses between the unlicensed
Vulp.	wireless device output and the spectrum analyzer. The frequency range of
olek Vupor V	testing shall span 30 MHz to 10 times the operating frequency and this may be done in a single sweep or, to aid resolution, across a number of sweeps.
olek Wildolek	The resolution bandwidth shall be 100 kHz, video bandwidth 300 kHz, and a
Alpo, "upotek	coupled sweep time with a peak detector.
Wuporg W.	The limit is based on the highest in-band level across all channels measured
Procedure:	using the same instrument settings (resolution bandwidth of 100 kHz, video
e apolek Vupo	bandwidth of 300 kHz, and a coupled sweep time with a peak detector). To
All Olek 8	help clearly demonstrate compliance a display line may be set at the required offset (typically 20 dB) below the highest in-band level. Where the
of the Williams	highest in-band level is not clearly identified in the out-of-band
spolek Aupole	measurements a separate spectral plot showing the in-band level shall be provided.
Yun Viek Vupopop	provided. And alotek Andolek Andolek Andolek Andolek
Anbo	When conducted measurements cannot be made (for example a device with
Anboles Am	integrated, non-removable antenna) radiated measurements shall be used. The reference level for determining the limit shall be established by
ek anbolek Anb	maximizing the field strength from the highest power channel and measuring
r rotek	using the resolution and video bandwidth settings and peak detector as
upoles Vur	described above. The field strength limit for spurious emissions outside of
"potek Wipor	restricted-bands shall then be set at the required offset (typically 20 dB) below the highest in-band level. Radiated measurements will follow the
Vis. Viele Will Office	standards measurement procedures described in Clause 6 with the
Vup.	exception that the resolution bandwidth shall be 100 kHz, video bandwidth

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Aupolek







Report No.:1813C40065012501

FCC ID: 2BLVV-BW4

300 kHz, and a coupled sweep time with a peak detector. Note that use of wider measurement bandwidths are acceptable for measuring the spurious emissions provided that the peak detector is used and that the measured value of spurious emissions are compared to the highest in-band level measured with the 100 kHz / 300 kHz bandwidth settings to determine compliance.

7.8.7.2 Band-edges

Compliance with a relative limit at the band-edges (e.g., -20 dBc) shall be made on the lowest and on the highest channels with frequency hopping disabled and repeated with frequency hopping enabled. For the latter test the hopping sequence shall include the lowest and highest channels.

For measurements with the hopping disabled the analyzer screen shall clearly show compliance with the requirement within 10 MHz of the allocated band-edge.

For measurements with the hopping enabled the analyzer screen shall clearly show compliance with the requirement within 10 MHz of both of the allocated band-edges. This could require separate spectral plots for each band-edge.

9.1. EUT Operation

Operating Environment:

- 1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation.
- 2: TX- π /4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with π /4 DQPSK modulation.
- 3: TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.

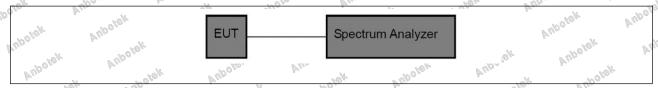
Test mode:

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- 4: TX-GFSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation...
- 5: TX- π /4-DQPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with π /4 DQPSK modulation.
- 6: TX-8DPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with 8DPSK modulation.

9.2. Test Setup



9.3. Test Data

Please Refer to Appendix for Details.





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Report No.:1813C40065012501

FCC ID: 2BLVV-BW4

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10. Band edge emissions (Radiated)

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Test Requirement:	restricted bands, as defin	d), In addition, radiated emission ed in § 15.205(a), must also con pecified in § 15.209(a)(see § 15.	nply with the
Vupojek Vupojek	Frequency (MHz)	Field strength (microvolts/meter)	Measuremen distance (meters)
Wupoles. Wile	0.009-0.490	2400/F(kHz)	300
"Olek Vul	0.490-1.705	24000/F(kHz)	30
Vur.	1.705-30.0	30	30 100
ok Wupole,	30-88	100 **	3
, colok	88-216	150 **	3 rek
Polse Wup	216-960	200 **	3
rek vuposes	Above 960	500,000	3 0000
Test Limit:	** Except as provided in p	oaragraph (g), fundamental emis	sions from
Upolok Wuba		ating under this section shall not	
W. Volk		IHz, 76-88 MHz, 174-216 MHz o	
Vupo.		these frequency bands is perm	itted under othe
Ne Notole	sections of this part, e.g.,	९९ ।उ.८३। and ।उ.८४।. ve, the tighter limit applies at the	hand addes
W.		n in the above table are based o	
polek Wupo,	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	i-peak detector except for the fre	V 12/2
iek upotek		d above 1000 MHz. Radiated em	
Wuporg Win	70.	sed on measurements employing	\$10°
Pupo,	detector.	le. Wholes	VUD.
Tank Making Parantal Andrews	ANSI C63.10-2020 section	on 6.10 Anbook	rek Vuposen
Test Method:	KDB 558074 D01 15.247		A. See
Procedure	ANSI C63.10-2020 section		Pub.

10.1. EUT Operation

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Anu	10.1. EUT Op	eration Andrew	Wupo jek	Wupole.	Anbotek	Wilpolgie	Ano otek
No.	Operating Envir	onment:	Aupoles	Vup.	anbolek	Anbo	w word
.ok	Win upotek	1: TX-GFSK (Non-hopping) with GFSI		the EUT in con	tinuously transi	nitting mode (non-
No.	Test mode:	2: TX-π/4-DQPSK ((Non-Hopping):		in continuously	transmitting n	node
Aupore	iek upotek	(non-hopping) with 3: TX-8DPSK (Non-			ntinuously trans	smitting mode	(non-
MUPO	Pro Pro	hopping) with 8DPS	SK modulation.	Anboick	Vulon,	" "polok	Mypole
. P	upopo. Vun	Polek Wipolek	Vupp.	VUpolok	Puporo 'ek	W. apolek	Vupologe.

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Report No.:1813C40065012501 FCC ID: 2BLVV-BW4

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10.2. Test Setup

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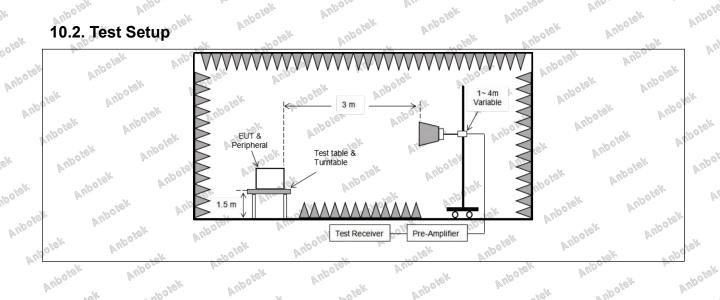
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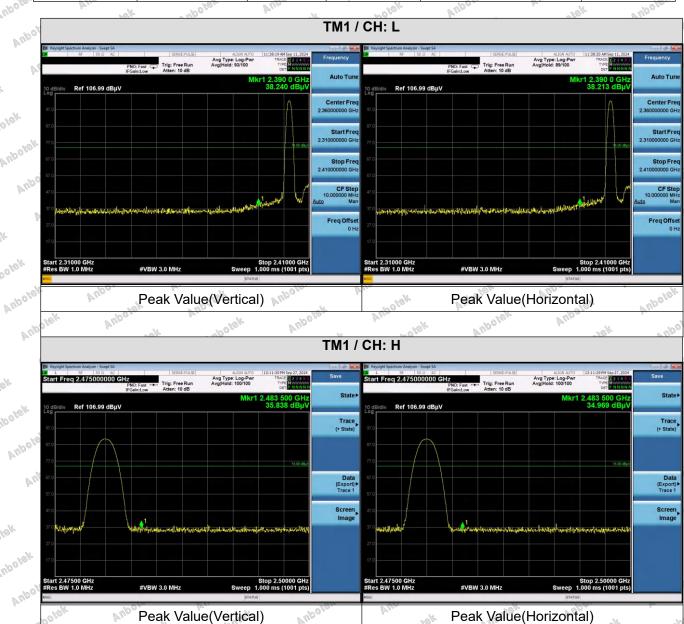
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10.3. Test Data

Temperature: 56 % Humidity: 101 kPa Atmospheric Pressure:



Remark:

- 1. During the test, pre-scan all modes, the report only record the worse case mode.
- 2. When the PK measure result value is less than the AVG limit value, the AV measure result values test not applicable.

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Report No.:1813C40065012501

FCC ID: 2BLVV-BW4

11. Emissions in frequency bands (below 1GHz)

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Test Requirement:	restricted bands, as define radiated emission limits sp	l), In addition, radiated emissions ed in § 15.205(a), must also com pecified in § 15.209(a)(see § 15.2	ply with the
Astock Associated	Frequency (MHz)	Field strength	Measureme
Pupore VIII.	Vipoles Viol	(microvolts/meter)	distance
Pupore Vupore	W. Tok alpoie	Aur Polek	(meters)
Vulp.	0.009-0.490	2400/F(kHz)	300
* upoles Vur	0.490-1.705	24000/F(kHz)	30
W.	1.705-30.0	30%	30
Wupo,	30-88	100 **	3
Associate No.	88-216	150 **	3,101
Pur Vue	216-960	200 **	3
- Nok Wupole	Above 960	500,000	3 100
Test Limit:	** Except as provided in p	aragraph (g), fundamental emiss	sions from
" Upolier William		ting under this section shall not	
By all		Hz, 76-88 MHz, 174-216 MHz or	
Vupo		these frequency bands is permi	tted under othe
ok abotek	sections of this part, e.g.,		hand adda
W. W.		ve, the tighter limit applies at the n in the above table are based or	
Olek Wipore	- C	-peak detector except for the fre	V III in
No. "Olek		above 1000 MHz. Radiated emi	
"Upolor Wun	FB.4.	sed on measurements employing	No.
Popole Vupop	detector.	And an industrial and	And
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247		ek Aupole
Procedure	ANSI C63.10-2020 section	- PUP	TON NOT

11.1. EUT Operation

VIII	11.1. EUT Op	eration	rek Anbore	k Anbo.	iek Pupojek	Wupoles.	View Upokek
	Operating Envir	onment:	iole Noton	Ooley Vupa	iek subol	Sk Vupor	N No Otel
Polick	Augo iek	hopping) with	GFSK modulati	ion.	Policy V.	ansmitting mode	LOIGH AM
wpolek	Test mode:	(non-hopping)	with π/4 DQPS	SK modulation.	Vupore	usly transmitting	"Polole"
Anbo	Jek Vupose.	3: TX-8DPSK hopping) with	(Non-Hopping) 8DPSK modula	: Keep the EUT ation.	in continuously	transmitting mod	e (non-
	Tupoles Vupo	Pup.	Pupo,	rojek Wupa	Jiek Vupores.	Vun Vupolok	Vupoley.

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11.2. Test Setup

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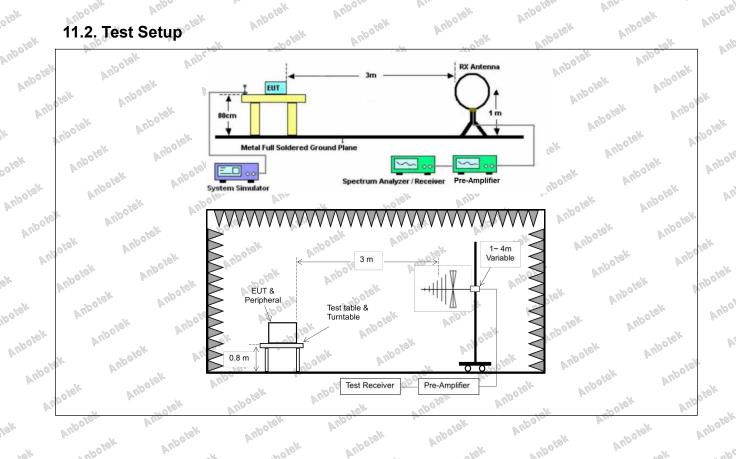
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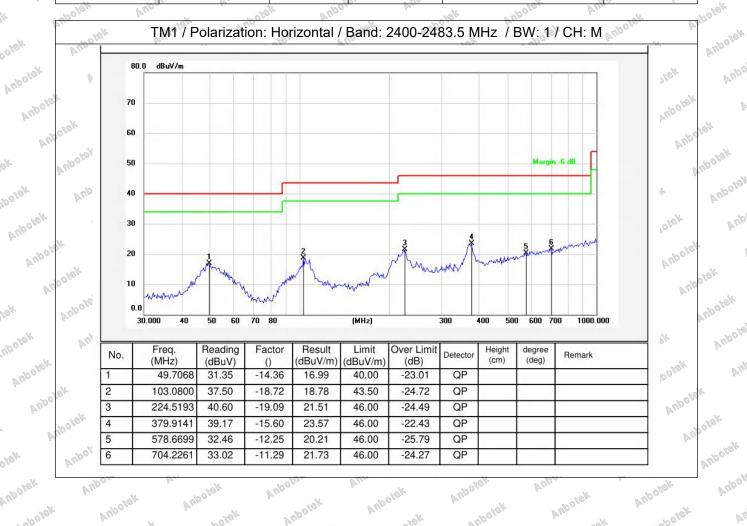
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11.3. Test Data

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

Temperature: 25°C Humidity: 48 % Atmospheric Pressure: 101 kPa



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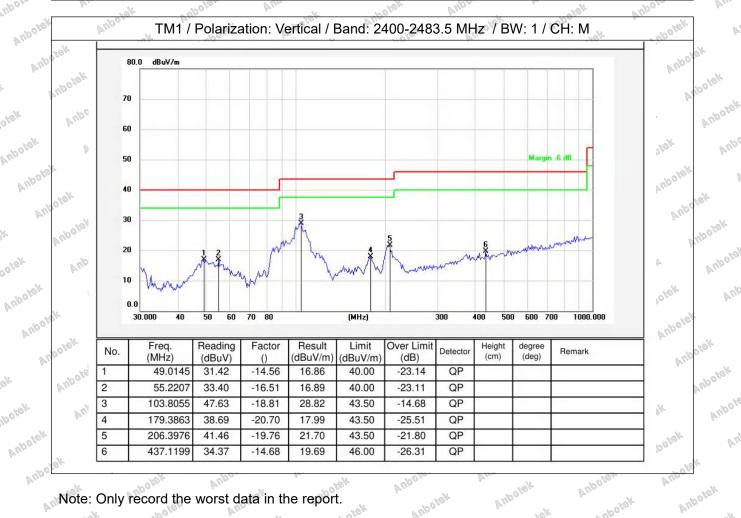
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Note: Only record the worst data in the report.

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Report No.:1813C40065012501

FCC ID: 2BLVV-BW4

Aupolick 12. Emissions in frequency bands (above 1GHz)

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Anboren	Test Requirement:		ons which fall in the restricted ba omply with the radiated emission 5(c)).	
^r ek	Willow Will Williams	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
upo iek	Augore Au	0.009-0.490 0.490-1.705	2400/F(kHz) 24000/F(kHz)	300
abote!	Augore, William	1.705-30.0	30 lek hpores Am	30
br.	otek Wupoter.	30-88	100 **	3
DUR	" " " " " " " " " " " " " " " " " " "	88-216	150 **	3 101 100
	Andoles. And	216-960 Above 960	200 ** 500 Model	3 10018
101	Test Limit:	- AR - 140 m	ragraph (g), fundamental emissi	D UD
upotek	Anbotok Anboto	intentional radiators operati frequency bands 54-72 MH	ng under this section shall not b z, 76-88 MHz, 174-216 MHz or 4	e located in the 470-806 MHz.
Wupok	Jr Wipole, VI	sections of this part, e.g., §		Viek Vupo _{les}
60	OORER AND		e, the tighter limit applies at the b in the above table are based on	
ķ.	Wupolek Wupole	employing a CISPR quasi-p 90 kHz, 110–490 kHz and a	peak detector except for the freq above 1000 MHz. Radiated emis	uency bands 9– sion limits in
olek	Aupore Autor	these three bands are base detector.	ed on measurements employing	an average
Vupo ieu	Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		Pupoter Pupoter
Ano	Procedure:	ANSI C63.10-2020 section	6.6.4	Vupologe Vup
je N	12.1. EUT Operatio	n Anbotek Anbotek	Vuporek Vuporek	Anbolsk Ant

12.1. EUT Operation

eq No.	12.1. EUT Op	eration	Vin.	Anbolisk	Aup 18k	* upolek	Anboro	Boss
-K	Operating Envir	onment:	Vun Viele	V Upolek	Wupa.	"polek	Vupo _{ta}	
upojer	Vun				EUT in continue	ously transmit	ting mode (no	n-
Aupolen	And and along	nopping) 2: TX-π/4	with GFSK mod -DQPSK (Non-	dulation. ·Hopping): Ke∉	ep the EUT in co	ontinuously tra	nsmitting mo	de
odn a	Test mode:	(non-hopp	oing) with $\pi/4$ [QPSK modul	ation.	boles Vu		100/0
he.	isk abo		PSK (Non-Hop _l with 8DPSK m		e EUT in contini	uously transm	itting mode (n	on-

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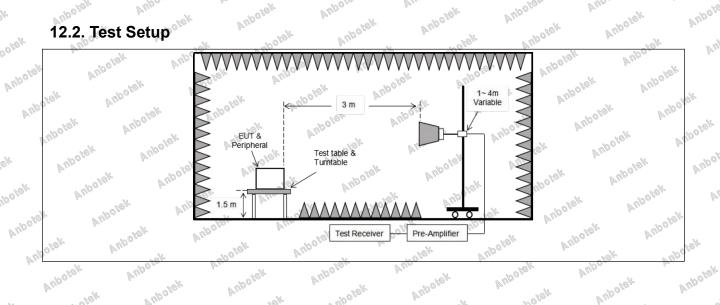
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12.3. Test Data

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12.3. Test Da	tanbolok An	opolok	Aupolek .	'upore	Aupolek	Vupoles
Temperature:	25 °C	Humidity:	48 %	Atmosphe	ric Pressure:	101 kPa

00.	h,	"pope"	William - K	wolen.	Anos	rek	Mipor
nboh			٦	ГМ1 / CH: L			
. 4	Peak value:						
b.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
	4804.00	30.45	15.27	45.72	74.00	-28.28	Vertical
Y.	7206.00	31.05	18.09	49.14	74.00	-24.86	Vertical
N.	9608.00	33.00	23.76	56.76	74.00	-17.24	Vertical
96	12010.00	* * "polel	Wuporg	-W - WOW	74.00	Wie	√ Vertical, ∞0 ^{1/9}
	14412.00	*	olek Aupo	No. William	74.00	otok Augo	Vertical
b	4804.00	30.55	15.27	45.82	74.00	28.18	Horizontal
	7206.00	32.44	18.09	50.53	74.00	-23.47	Horizontal
	9608.00	29.64	23.76	53.40	74.00	-20.60	Horizontal
lej	12010.00	VUD. *	anbolek	Wupo	74.00	Aupole	Horizontal
	107	Rupos.	" "Olek	Aupolan	74.00	k Vipolog	Horizontal
0,0	Average value:						
	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
	4804.00	19.83	15.27	35.10	54.00	-18.90	Vertical
6	7206.00	20.08	18.09	38.17	54.00	-15.83	Vertical
3/10	9608.00	22.02	23.76	45.78	54.00	-8.22	Vertical
lo _A	12010.00	Yoda *	3k Wupong	ys -	54.00 NO	V.	Vertical
	14412.00 ph	*	" sok Pup	Ole Vur	54.00	Ipolok Vup	Vertical
	4804.00	18.90 N	15.27	34.17	54.00	-19.83	Horizontal
	7206.00	21.50	18.09	39.59	54.00	-14.41	Horizontal
N.	9608.00	18.95	23.76	42.71	54.00	-11.29	Horizontal
80	12010.00	V.A.	abolek	Wipos	54.00	Anbores	Horizontal
0%	14412.00	*Anbolo	by.	ik Aupole	54.00	lek anboth	Horizontal

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oles Williams	Polek Vupo	180	ootek Anb	okek Aupo	holek An	ootek Pu			
TM1 / CH: M									
Peak value: Frequency Reading Factor Result Limit Line Over Limit polarization									
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization			
4882.00	30.47	15.42	45.89	74.00	-28.11 nool	Vertical			
7323.00	30.90 And	18.02	48.92	74.00	-25.08	Vertical N			
9764.00	32.01	23.80	55.81	74.00	-18.19	Vertical			
12205.00	And *	anbotek	Anbos	74.00	Who len	Vertical			
14646.00	Vupo*	Vi.	Vupo _{fek}	74.00	* upolek	Vertical			
4882.00	30.25	15.42	45.67	74.00	-28.33	Horizontal			
7323.00	32.43	18.02	50.45	74.00	-23.55	Horizontal			
9764.00	29.34	23.80	53.14	74.00	o ^{vek} -20.86 № ⁰⁰⁰	Horizontal			
12205.00	No ore * Ant	40.0	Spolek M	74.00	"Olok b	Horizontal			
14646.00	bole!*	Aupor	in other	74.00	Pup.	Horizontal			
Average value									
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization			
4882.00	19.56	15.42	34.98	54.00	-19.02	Vertical (
7323.00	20.18	18.02 M	38.20	54.00 pm	-15.80	Vertical			
9764.00	21.88	23.80	45.68	54.00	-8.32	Vertical			
12205.00	Wupole *	VII.	WUBORER	54.00	boick	Vertical			
14646.00	* Upplok	Vupore	, bolek	54.00	W. Jok	Vertical			
4882.00	18.81	15.42	34.23	54.00	-19.77	Horizontal			
7323.00	21.06	18.02	39.08	54.00	-14.92 ⁰⁰⁰⁰⁰	Horizontal			
9764.00	19.46 no	23.80	43.26 M	54.00	10.74	Horizontal			
12205.00	~010k *	Pu.	101	54.00	10-	Horizontal			
14646.00	Vun *	" "polok	Anbo	54.00	Aupore	Horizontal			

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Report No.:1813C40065012501

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Poles. William	otsk Vupo	FCC ID:	ZBLVV-BW4	ich upo	ign Vulp	otek Anbo				
upolek Aug	Olek William	, A	potak And	Pr. 180	hbolek An	olok Aupo				
VUD.		,000 Bu	ГМ1 / CH: H	-oles V	Un	10/2				
Peak value:										
Frequency	Reading	Factor	Result	Limit Line	Over Limit					
(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	polarization				
4960.00	30.74	15.58	46.32 do	74.00	-27.68 ₁₀₀ V	Vertical				
7440.00	30.91	17.93	48.84	74.00 M	-25.16	ੂ Vertical ਨੂੰ				
9920.00	32.56	23.83	56.39	74.00	17.61	Vertical				
12400.00	Wupoge *	Cole Cole	Vupoles.	74.00	abolek	Vertical				
14880.00	VUPO KON	Pup.	Majode	74.00	Polek.	Vertical				
4960.00	30.32	15.58	45.90	74.00	-28.10	Horizontal				
7440.00	32.46	17.93	50.39	74.00	-23.61	Horizontal				
9920.00	30.02	23.83	53.85	74.00	-20.15 no	Horizontal				
12400.00	POROK * WUL	Dec. Bre.	Nek Ni	74.00		Horizontal				
14880.00	*	VUPOISE V	100 s	74.00	VUPO P	Horizontal				
Average value:										
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization				
4960.00	20.68	15.58	36.26	54.00	-17.74	Vertical (100)				
7440.00 M	21.19	17.93 NO	39.12	54.00	o ^{kek} -14.88 A ^{nlo}	Vertical				
9920.00	22.43	23.83	46.26	54.00	7.74	Vertical				
12400.00	10010*	Vupo.	2016k	54.00	Ville	Vertical				
14880.00	* iok	Aupolies	Will Will	54.00	William	Vertical				
4960.00	20.25	15.58	35.83	54.00	-18.17	Horizontal				
7440.00	22.43	17.93	40.36	54.00	-13.64 ₀₀ 00	Horizontal				
9920.00	19.36 100	23.83	43.19	54.00 M	-10.81	Horizontal				
12400.00	*	100 igh Au	0	54.00	Toles Vu	Horizontal				
14880.00	"Upo * W	role _k	Aupolien	54.00	* Upolek	Horizontal				

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- 1. Result =Reading + Factor
- 2. Test frequency are from 1GHz to 25GHz, "*" means the test results were attenuated more than 20dB below the permissible limits, so the results don't record in the report.

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





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Report No.:1813C40065012501 FCC ID: 2BLVV-BW4

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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