

FCC ID: 2BKTR-Y11

FCC Test Report

Guangzhou Blue Light Electronic Technology Applicant

Co.,Ltd.

No 9, Meidong Industry Zone, Tieshanhe

Road, Huashan Town, Huadu District,

Guangzhou, GUANGDONG, China

CD PLAYER Product Name

Address

Sept. 23, 2024 Report Date

Shenzhen Anbotek







FCC ID: 2BKTR-Y11

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TEST REPORT

Guangzhou Blue Light Electronic Technology Co., Ltd. **Applicant**

Guangzhou Blue Light Electronic Technology Co., Ltd. Manufacturer.

Product Name **CD PLAYER**

Model No. Y11, A11, A01, A02, A03, A05, A06, A07, A08, A09

Trade Mark **THINKYA**

Rating(s) Input: 5V-2A(with DC 3.6V, 2600mAh Battery inside)

47 CFR Part 15.247

ANSI C63.10-2020 Test Standard(s)

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 Receipt:	Sept. 02, 2024
Anbote And	Totak Aupotek Aupo
Date of Test:	Sept. 02, 2024 to Sept. 13, 2024
Potek Wipotes Vipotek Vipotek	Tu Tu Hong
Prepared By:	Yung Yupore Vupo,
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Approved & Authorized Signer:	1900 Course for
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Anbolek Revision History

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Aupore	Report Version	Description	Issued Date
Anb	Thotal Miles Miles	Original Issue.	Sept. 23, 2024
tek	Aupotek Aupoter Aup	otek Aupotek Yupo	Aupotek Aupote V
hotek	Auporek Vupo, rek	Anborek Anbore Am	sk Aupolek Aupo

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1. General Information

1.1. Client Information

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Applicant	:	Guangzhou Blue Light Electronic Technology Co.,Ltd.
Address	:	No 9,Meidong Industry Zone,Tieshanhe Road,Huashan Town, Huadu District, Guangzhou,GUANGDONG, China
Manufacturer	:	Guangzhou Blue Light Electronic Technology Co.,Ltd.
Address	:	No 9,Meidong Industry Zone,Tieshanhe Road,Huashan Town, Huadu District, Guangzhou,GUANGDONG, China
Factory	:	Guangzhou Blue Light Electronic Technology Co.,Ltd.
Address	:	No 9,Meidong Industry Zone,Tieshanhe Road,Huashan Town, Huadu District, Guangzhou,GUANGDONG, China

1.2. Description of Device (EUT)

- 2po P.	. V	hole All tek All
Product Name	:	CD PLAYER And And Lek And
Model No.	:	Y11, A11, A01, A02, A03, A05, A06, A07, A08, A09 (Note: All samples are the same except the model number, so we prepare "Y11" for test only.)
Trade Mark	•	THINKYA And Teek And Teek And Teek And Teek And
Test Power Supply	:	DC 5V from Adapter input AC120V/60Hz, DC 3.6V battery inside
Test Sample No.		1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter		N/A Aupotek Aupo Jek Vupotek Vupotek Vupotek
RF Specification		
Operation Frequency		2402MHz to 2480MHz
Number of Channel	•	79 Anbotek Anbote Anto Anbotek Anbotek Anbotek
Modulation Type		GFSK, π/4 DQPSK, 8DPSK
Antenna Type		PCB Antenna Per Antology Antol
Antenna Gain(Peak)	:	-0.58dBi

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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Anbotek 1.3. Auxiliary Equipment Used During Test

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hotek	1.3. Auxiliary Equipm	nent Used During Test	otek Anbotek An	Potek Vupofek V
Aupolek	Title	Manufacturer	Model No.	Serial No.
Anb	Xiaomi 33W adapter	Xiaomi	MDY-11-EX	SA62212LA04358J
7	Yupoter Yup	Vuporek Vupos	Vupolek Vupole	ck abotek Anbotek

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1.4. Operation channel list

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Operation Band:

Aupor	Operation Band:		ye. Aug		rek Vup.		You	40010	
Anbo	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	
P	upor O	2402	An 20	2422	40,000es	2442	60	otek 2462 knb	
,ek	Anbotek	2403	2100101	2423	ek 41 Anb	2443 Andre	61	2463	
poiek	200101	2404	22 Anbo	2424	Nek 42	2444 N	62	2464	
Aupolek	3 Anbot	2405	otek 23 N	2425	43	2445	Aup 63	2465	
Anb		2406	24	2426	And 44 tek	2446	64	2466	
Κ,	nbotel 5	2407	25.	2427	45	2447 _{nb} otek	65 Anbox	2467	
tek.	6ek	2408	26	2428	46 mbs	2448 _{nb}	rek 66 M	2468	
	7 notek	2409	27	16k 2429 Anbo	47 And	2449	nbote67	2469	
'upolek	8	× 2410,000	28	2430	nbokek 48	2450	68	2470	
Anbore	9	1001012411 AN	29	2431	49 And 49	2451	69 _{otek}	2471	
Ant	10	2412	Vupogo	2432	50 rek	2452	70	2472 _{Anbor}	
	Anboro	2413	₁ 31	2433	51 Anbore	2453	71	2473 A	
otek	12	2414	32, no ote	2434	52 _M	o ^{tek} 2454 Anh	72	2474	
Anbotek	13 ^{/bores}	2415	ek 33 _{An} b	otek 2435 And	53	2455	Anbor 73	2475	
Aupoli	* 14 Anbc	2416	, ote 134	2436	54	2456	74	2476	
	otek 15	2417	35	2437	An 55	2457	75 ¹⁰⁰¹⁰	2477	
k V	16	2418	Ant 36 tek	2438	56	2458	* 76 Anbs	2478	
	17, ex	2419	37	2439,000	57 Anbo	2459	ootek 77 p	2479	
ootek	18 010	2420	38 ^{Anb}	2440 An	otek 58 A	2460	78	2480	
Anbolek	19	otek 2421 Anb	39 An	2441	nbol 59	2461	Wpolek	Acholek	

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1.5. Description of Test Modes

Pretest Modes	Descriptions				
TM1k Anbote	Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation.				
Anbor TM2 otek Ant	Keep the EUT in continuously transmitting mode (non-hopping) with $\pi/4$ DQPSK modulation.				
And Andotek TM3 Andotek	Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.				
Anbore TM4 Anbore	Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,.				
botek AnoTM5 Anoo	Keep the EUT in continuously transmitting mode (hopping) with π/4 DQPSK modulation.				
Auporer LWe	Keep the EUT in continuously transmitting mode (hopping) with 8DPSK modulation.				

1.6. Measurement Uncertainty

Parameter	Uncertainty
Conducted emissions (AMN 150kHz~30MHz)	3.4dB
Occupied Bandwidth	925Hz ek Anbotek Anbotek
Conducted Output Power	0.76dB
Conducted Spurious Emission	1.24dB Anbotek Anbotek
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
Dwell time	2% Anbotes And Botek Anbotek An

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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Anbolek 1.7. Test Summary

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Test Items	Test Modes	Status
Antenna requirement	Aupole Aur Polek	Pupole,
Conducted Emission at AC power line	Mode1,2,3	P Anb
Occupied Bandwidth	Mode1,2,3	otek P
Maximum Conducted Output Power	Mode1,2,3	, ole
Channel Separation	Mode4,5,6	Prok
Number of Hopping Frequencies	Mode4,5,6	Pole
Dwell Time Knoore And Solek Andorek Andorek	Mode4,5,6	P
Emissions in non-restricted frequency bands	Mode1,2,3,4,5,6	P
Band edge emissions (Radiated)	Mode1,2,3	Noote P
Emissions in frequency bands (below 1GHz)	Mode1,2,3	Anbole
Emissions in frequency bands (above 1GHz)	Mode1,2,3	APON
Note: Anbotek Anbotek Anbotek	Aupo. Sk upotek	Anbott

P: Pass

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

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

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



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1.10. Test Equipment List

Aupolek	Cond	ucted Emission at A	C power line	anboiek .	Aupore.	k Vun	Anborek
Anbo	Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
P	nbolek	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	2024-01-18	2025-01-17
obotek Sek	Anbo	Three Phase V- type Artificial Power Network	CYBERTEK	EM5040DT	E215040D T001	2024-01-17	2025-01-16
Aupolek	3	Software Name EZ-EMC	Farad Technology	ANB-03A	N/A	Aspolo	Aupolek
anb	o ^{tek} 4	EMI Test Receiver	Rohde & Schwarz	ESPI3	100926	2023-10-12	2024-10-11

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Occupied Bandwidth

Maximum Conducted Output Power

Channel Separation

Number of Hopping Frequencies

Dwell Time

Emissions in non-restricted frequency bands

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Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
VUA016	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ- KHWS80B	ove N/A	2023-10-16	2024-10-15
2	DC Power Supply	IVYTECH	IV3605	1804D360 510	2023-10-20	2024-10-19
3	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102150	2024-05-06	2025-05-05
10014	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY505318 23	2024-02-22	2025-02-21
500	Oscilloscope	Tektronix	MDO3012	C020298	2023-10-12	2024-10-11
6	MXG RF Vector Signal Generator	Agilent	N5182A	MY474206 47	2024-02-04	2025-02-03

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Report No.:1819C40035812501 Anbotek

FCC ID: 2BKTR-Y11

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	edge emissions (Ra sions in frequency ba		Aupolek	Aupore ofek	Anbotek An	Aupolek
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22
2	EMI Preamplifier	SKET Electronic	LNPA- 0118G-45	SKET-PA- 002	2024-01-17	2025-01-16
3	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	Alborek	Vupor por
01015	Horn Antenna	A-INFO	LB-180400- KF	J21106062 8	2023-10-12	2024-10-11
Anb6iek	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102150	2024-05-06	2025-05-05
Kupo	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2024-05-07	2025-05-06

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due D
1	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-
Anb. 2	Pre-amplifier	SONOMA	10N M	186860	2024-01-17	2025-01-
3 ^{Anh}	Bilog Broadband Antenna	Schwarzbeck	VULB9163	And 345	2022-10-23	2025-10-
4	Loop Antenna (9K- 30M)	Schwarzbeck	FMZB1519 B	00053	2023-10-12	2024-10-
5.	EMI Test Software EZ-EMC	SHURPLE	N/A ^{botet}	N/A	otek / Aupote	k V Vul

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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.

2.1. Conclusion

The antenna is a PCB antenna which permanently attached, and the best case gain of the antenna is -0.58dBi. It complies with the standard requirement.

Shenzhen Anbotek Compliance Laboratory Limited



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FCC ID: 2BKTR-Y11

3. Conducted Emission at AC power line

otek Aupotek	Refer to 47 CFR 15.207(a), Except section, for an intentional radiator public utility (AC) power line, the radiator in the rad	that is designed to be con	nected to the
Test Requirement:	back onto the AC power line on an band 150 kHz to 30 MHz, shall not measured using a 50 µH/50 ohms (LISN).	exceed the limits in the f	ollowing table, as
Vup.	Frequency of emission (MHz)	Conducted limit (dBµV)	ek anbole
k Aupore A	Pok Upoles Yun	Quasi-peak	Average
That Limits wollek	0.15-0.5	66 to 56*	56 to 46*
Test Limit:	0.5-5	56 Anbore	46
rek upoter	5-30 And	60	50
Aupo, K. Wolek	*Decreases with the logarithm of the	ne frequency.	botek
Test Method:	ANSI C63.10-2020 section 6.2	Spotek Aupolo	Yu.
Procedure:	Refer to ANSI C63.10-2020 section line conducted emissions from unli		
3.1. EUT Operatio	U Vuporek Vupore	k Vuposes Vup.	upotek Aupote

3.1. EUT Operation

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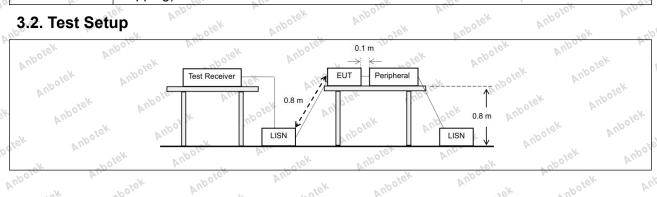
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		V	W.O.,	100		V. I	
Operating Envir	onment:	Aupolen	Yun Jek	Vupotek	Anbo	polek	Anb
Aupotek Au	hopping)) with GFSk	modulation.	Anbo	1000 %	smitting mode (
Test mode:	(non-hop 3: TX-8D	oping) with [`] OPSK (Non-	π/4 DQPSK mo Hopping): Keep	dulation.	18K	nsmitting mode	40.
lek Pupo,	hopping) with 8DPS	K modulation.	Y II.	"Olek	AUD	2/6

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3.2. Test Setup







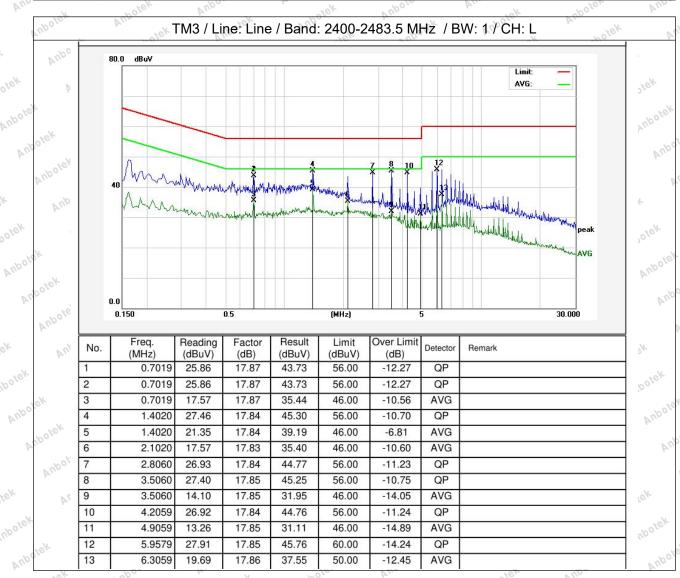




FCC ID: 2BKTR-Y11

3.3. Test Data

Temperature: 23.3 °C Humidity: 52 % Atmospheric Pressure: 101 kPa

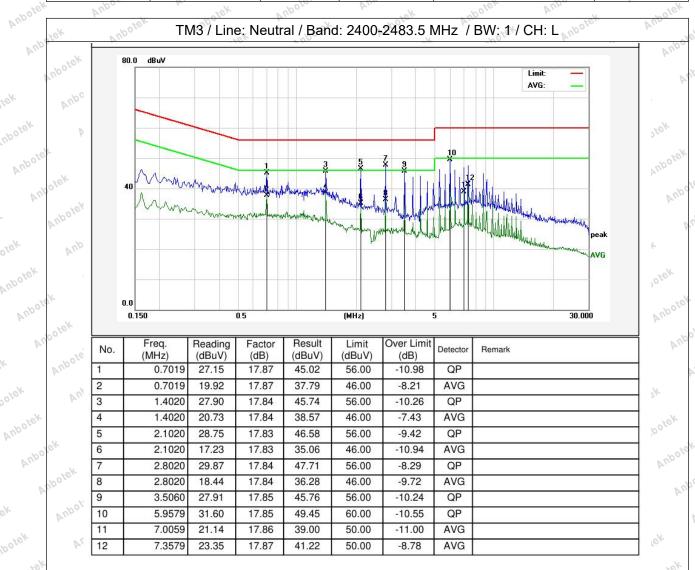






FCC ID: 2BKTR-Y11

Temperature:	23.3 °C	Humidity:	52 %	Atmospheric Pressure:	101 kPa
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Note:Only record the worst data in the report.

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Report No.:1819C40035812501

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4. Occupied Bandwidth

Test Requirement:	47 CFR 15.247(a)(1)
Test Limit: Anbotek Anbotek Anbotek Anbotek	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.
Test Method:	ANSI C63.10-2020, section 7.8.6, For occupied bandwidth measurements, use the procedure in 6.9.3. Frequency hopping shall be disabled for this test. KDB 558074 D01 15.247 Meas Guidance v05r02
Aupotek Aupotek	The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal 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 center frequency.
Vupotek Vupotek Vupotek Vupotek	frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW. b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be at least three times the RBW, unless otherwise specified by the applicable requirement.
Aupotek Aupotek	c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than [10 log (OBW/RBW)] below the reference level. Specific guidance is given in 4.1.6.2.
Procedure:	d) Step a) through step c) might require iteration to adjust within the specified range.
Anbotek Anbotek	e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max-hold mode (until the trace stabilizes) shall be used.
Anbotek Anb	f) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth. g) If the instrument does not have a 99% power bandwidth function, then the
tek Aupotek	trace data points are recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is
Aupotek Aupotek	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.
Wipotek Wipor	h) The occupied bandwidth shall be reported by providing spectral plot(s) of the measuring instrument display; the plot axes and the scale units per
And abotek	division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

4.1. EUT Operation

Operating Envi	ronment:	Vupo.	abotek	Aupolo	V. Polek	Aupolen	-
Test mode:	1: TX-GFS	SK (Non-Hoppi	ng): Keep the	EUT in conti	nuously transmit	ting mode (no	on-









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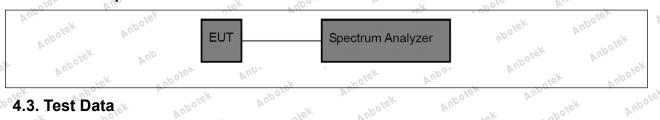
hopping) with GFSK modulation.

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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.

4.2. Test Setup

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4.3. Test Data

Temperature: 22 °C Humidity: 51 % Atmospheric Pressure: 101 k	⊃a 🔻
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Please Refer to Appendix for Details.





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5. Maximum Conducted Output Power

W. W.	The trope All the trope	1/20
Test Requirement:	47 CFR 15.247(b)(1)	uporo
Test Limit:	Refer to 47 CFR 15.247(b)(1), For frequency hopping systems operating the 2400-2483.5 MHz band employing at least 75 non-overlapping hopp channels, and all frequency hopping systems in the 5725-5850 MHz bar watt. For all other frequency hopping systems in the 2400-2483.5 MHz b 0.125 watts.	ing nd: 1
Test Method:	ANSI C63.10-2020, section 7.8.5 KDB 558074 D01 15.247 Meas Guidance v05r02	otek
otek Anbotek	This is an RF-conducted test to evaluate maximum peak output power. Use a direct connection between the antenna port of the unlicensed wireless device and the spectrum analyzer, through suitable attenuation. Frequer happing shall be discalled for this test. Use the following analyzer analyzer.	ncy ^{anb}
Anbotek Anbotek	hopping shall be disabled for this test. Use the following spectrum analyzettings: a) Span: Approximately five times the 20 dB bandwidth, centered on a hopping channel.	
Aupotek Au	 b) RBW > 20 dB bandwidth of the emission being measured. c) VBW ≥ RBW. d) Sweep: No faster than coupled (auto) time. 	o tek
Procedure:	e) Detector function: Peak. f) Trace: Max-hold.	Ann
Aupotek Vupotek	g) Allow trace to stabilize. h) Use the marker-to-peak function to set the marker to the peak of the emission.	ek
Aupolek Aupo	 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 include 	ed in
Potek Aupotek	the test report. NOTE—A peak responding power meter may be used, where the power	"Upo,
Anbotek Anbotek	meter and sensor system video bandwidth is greater than the occupied bandwidth of the unlicensed wireless device, rather than a spectrum analyzer.	P.
5.1. EUT Operation	Viek Aupoles Augolek Aupolek Aupolek Aupo	ick

5.1. EUT Operation

Operating Envi	ronment:	Yun Yek	upoiek	Anbo	potek	Anbolo
Test mode:	1: TX-GFSK (No hopping) with GF 2: TX-π/4-DQPS (non-hopping) wi 3: TX-8DPSK (N hopping) with 8D	SK modulation. K (Non-Hopping) th π/4 DQPSK m on-Hopping): Kee	: Keep the I lodulation. ep the EUT	EUT in continu	ously transmittir	ng mode







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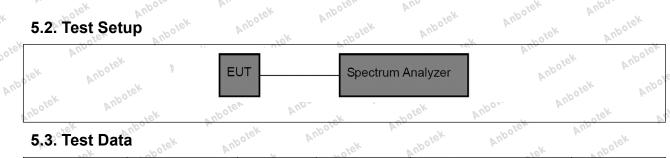
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5.2. Test Setup



5.3. Test Data

5.3. Test Dat	a sporek	Anbotek A	'upole	Vupolek	Aupoler Lek	Andanbotek
Temperature:	22 °C	Humidity:	51 %	Atmosph	eric Pressure:	101 kPa

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FCC ID: 2BKTR-Y11

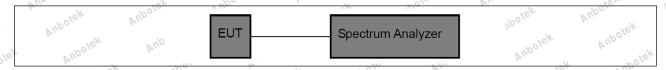
6. Channel Separation

700. h.	- Olo VI	7.	101	~ 0D	
Test Requirement:	47 CFR 15.247(a)(1)	abolek	Aupor	w. Polek	Aupole.
Test Limit: Anbotek Anbotek Anbotek Anbotek Anbotek	Refer to 47 CFR 15.247(a) hopping channel carrier free the 20 dB bandwidth of the Alternatively, frequency ho band may have hopping chand to 25 kHz or two-thirds of the whichever is greater, proving greater than 125 mW.	equencies sepa hopping chan pping systems nannel carrier f 20 dB bandwi	arated by a manel, whicheve operating in trequencies to the dot of the ho	ninimum of 25 rer is greater. the 2400-248 hat are separa pping channel	kHz or 3.5 MHz ated by
Test Method:	ANSI C63.10-2020, section KDB 558074 D01 15.247 N		e v05r02	Aupole, Polek	And
Anbotek Anbotek Anbotek	The EUT shall have its hop spectrum analyzer settings a) Span: Wide enough to c b) RBW: Start with the RBN spacing; adjust as necessary channel. c) Video (or average) band	s: capture the pea W set to appro ary to best ider lwidth (VBW) ≥	aks of two ad ximately 30% ntify the center	jacent channe 6 of the chann	ls. _{otek} el
Procedure. Anbotek	d) Sweep: No faster than of e) Detector function: Peak. f) Trace: Max-hold. g) Allow the trace to stabilize.	že. Anbotek	okek Aupoke	ootek Aupotel	otek An
ek ^{Aupolek} Yupo	Use the marker-delta funct peaks of the adjacent char regulatory limit shall be defincluded in the test report.	nels. Complia	nce of an EU	JT with the app	ropriate

6.1. EUT Operation

	Operating Envir	conment: Anbore And Tek Anborek Anborek
	Vuporer.	4: TX-GFSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,.
X	Test mode:	5: TX-π/4-DQPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with $\pi/4$ DQPSK modulation.
00	Jee. Ville	6: TX-8DPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping)
	otek Anbo	with 8DPSK modulation.

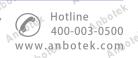
6.2. Test Setup



6.3. Test Data

Temperature: 22 °C Humidity: 51 %	Atmospheric Pressure: 101 kPa
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Please Refer to Appendix for Details.







FCC ID: 2BKTR-Y11

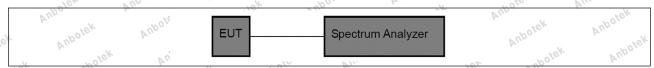
7. Number of Hopping Frequencies

Test Requirement:	47 CFR 15.247(a)(1)(iii)
Test Limit: Anborek	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 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 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
Anbotek	The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings: a) Span: The frequency band of operation. Depending on the number of channels the device supports, it could be necessary to divide the frequency 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 30% of the channel spacing or the 20 dB bandwidth, whichever is smaller. c) VBW ≥ RBW. d) Sweep: No faster than coupled (auto) time. e) Detector function: Peak. f) Trace: Max-hold. g) Allow the trace to stabilize. 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 regulatory limit shall be determined for the number of hopping channels. A

7.1. EUT Operation

10.	- LDV					
Operating Envir	onment:	P. Potek	Aupole	Vu.	Anbolek	Anbu
Test mode:	with GFSK 5: TX-π/4-E (hopping) w 6: TX-8DPS	modulation,. DQPSK (Hoppin vith π/4 DQPSK	g): Keep the modulation.	n continuously tr EUT in continuo in continuously	usly transmitt	ing mode

7.2. Test Setup



7.3. Test Data

Temperature:	22 °C	Aupor	Humidity:	51 %	Atmospheric Pressure:	101 kPa	P
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Please Refer to Appendix for Details.





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8. Dwell Time

Test Requirement:	47 CFR 15.247(a)(1)(iii)
Test Limit:	Refer to 47 CFR 15.247(a)(1)(iii), Frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels. The average time of 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 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 7.8.4 KDB 558074 D01 15.247 Meas Guidance v05r02
Aupotek Aupotek	The dwell time per hop on a channel is the time from the start of the first transmission to the end of the last transmission for that hop. If the device has a single transmission per hop then the dwell time is the duration of that transmission. If the device has a multiple transmissions per hop then the dwell time is measured from the start of the first transmission to the end of the last transmission.
Who sek Aupotek	The time of occupancy is the total time that the device dwells on a channel over an observation period specified in the regulatory requirement. To determine the time of occupancy the spectrum analyzer will be configured to measure both the dwell time per hop and the number of times the device transmits on a specific channel in a given period.
Anbotek Anbotek Anbotek Procedure: Anbotek	The EUT shall have its hopping function enabled. Compliance with the requirements shall be made with the minimum and with the maximum number of channels enabled. If the dwell time per channel does not vary with the number of channels than compliance with the requirements may be based on the minimum number of channels. If the device supports different dwell times per channel (example Bluetooth devices can dwell on a channel for 1, 3 or 5 time slots) then measurements can be limited to the longest
Anbotek Anbotek	dwell time with the minimum number of channels. Use the following spectrum analyzer settings to determine the dwell time per
Potek Auporek Vindorek	hop: a) Span: Zero span, centered on a hopping channel. b) RBW shall be ≤ channel spacing and where possible RBW should be
Aupotek Aupotek	set >> 1 / T, where T is the expected transmission time per hop. c) Sweep time: Set so that the start of the first transmission and end of the last transmission for the hop are clearly captured. Setting the sweep time to be slightly longer than the hopping period per channel (hopping period = 1/hopping rate) should achieve this.
ek Anbotek Anbotek	d) Use a video trigger, where possible with a trigger delay, so that the start of the transmission is clearly observed. The trigger level might need adjustment to reduce the chance of triggering when the system hops on an adjacent channel.
Aupotek Aupotek	e) Detector function: Peak.f) Trace: Clear-write, single sweep.g) Place markers at the start of the first transmission on the channel and at







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the end of the last transmission. The dwell time per hop is the time between 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:

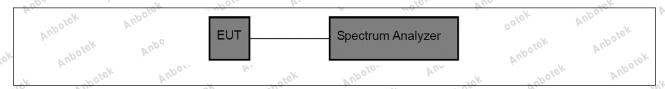
4: TX-GFSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,.

Test mode:

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	Aupo	Humidity:	51 %	Aupon	Atmospheric Pressure:	101 kPa	VA
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Please Refer to Appendix for Details.









FCC ID: 2BKTR-Y11

9. Emissions in non-restricted frequency bands

Test Requirement:	47 CFR 15.247(d), 15.209, 15.205
Test Limit: Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	Refer to 47 CFR 15.247(d), In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator 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 the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in § 15.209(a) is not required.
Test Method:	ANSI C63.10-2020 section 7.8.7 KDB 558074 D01 15.247 Meas Guidance v05r02
Aupotek Aupotek Aupotek Aupotek	7.8.7.1 General considerations To demonstrate compliance with the relative out-of-band emissions requirements conducted spurious emissions shall be measured for the transmit frequencies, per 5.5 and 5.6, and at the maximum transmit powers. Frequency hopping shall be disabled for this test with the exception of measurements at the allocated band-edges which shall be repeated with hopping enabled.
Anbotek Anbo	Connect the primary antenna port through an attenuator to the spectrum analyzer input; in the results, account for all losses between the unlicensed wireless device output and the spectrum analyzer. The frequency range of
potek Aupotek	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. The resolution bandwidth shall be 100 kHz, video bandwidth 300 kHz, and a coupled sweep time with a peak detector.
Procedure: Anbotek Anbotek Anbotek Anbotek	The limit is based on the highest in-band level across all channels measured using the same instrument settings (resolution bandwidth of 100 kHz, video bandwidth of 300 kHz, and a coupled sweep time with a peak detector). To 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 highest in-band level is not clearly identified in the out-of-band measurements a separate spectral plot showing the in-band level shall be
Aupolek Aupol	when conducted measurements cannot be made (for example a device with integrated, non-removable antenna) radiated measurements shall be used. The reference level for determining the limit shall be established by maximizing the field strength from the highest power channel and measuring
Aupotek Aupotek	using the resolution and video bandwidth settings and peak detector as described above. The field strength limit for spurious emissions outside of restricted-bands shall then be set at the required offset (typically 20 dB) below the highest in-band level. Radiated measurements will follow the standards measurement procedures described in Clause 6 with the







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exception that the resolution bandwidth shall be 100 kHz, video bandwidth 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.

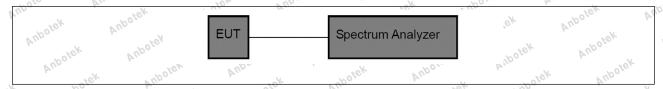
9.1. EUT Operation

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.
- 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

Test mode:



9.3. Test Data

Temperature: 22 °C	Humidity: 51 %	Atmospheric Pressure:	101 kPa 🗥
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Please Refer to Appendix for Details.







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10. Band edge emissions (Radiated)

Vup.	Refer to 47 CFR 15.247(d).	In addition, radiated emissions	which fall in the
Test Requirement:		l in § 15.205(a), must also comp	
v votek		ecified in § 15.209(a)(see § 15.2	
upoles Aug	Frequency (MHz)	Field strength	Measurement
Aupotek Aupote	Anbotek Anbotek	(microvolts/meter)	distance (meters)
Polek Vupo	0.009-0.490	2400/F(kHz)	300 Pure
VII.	0.490-1.705	24000/F(kHz)	30 NOOTE
K Anbore Air	1.705-30.0	30 K Hotek And	30
k potek	30-88	100 **	31ek And
Oler Vin	88-216	150 **	"3 _{"%} "%
riek Vupoje.	216-960	200 **	3 nbolo
Test Limit:	Above 960	500 poter And	3 notek
Potek Aupotek Vupotek Vupotek Vupotek Vupotek	intentional radiators operatifrequency bands 54-72 MH However, operation within t sections of this part, e.g., § In the emission table above The emission limits shown employing a CISPR quasi-p	ragraph (g), fundamental emissing under this section shall not bz, 76-88 MHz, 174-216 MHz or hese frequency bands is permitted in the tighter limit applies at the bin the above table are based on beak detector except for the frequency 1000 MHz. Radiated emissing under the section of the frequency above 1000 MHz. Radiated emissing under the section of the frequency for the frequency 1000 MHz.	e located in the 470-806 MHz. ded under other pand edges. measurements uency bands 9–
Aupotek Aupote	~ 10	ed on measurements employing	-07
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		polek Anborek
Procedure:	ANSI C63.10-2020 section	6.10.5.2	abotek Anbor
10.1. EUT Operatio	u Vuporsk Vuporsk	Aupolek Aupolek	Aupotek Au

10.1. EUT Operation

	ok Potek Vipoles, Vin Olek Vipol.	Operating Environment:
e (non-	Hopping): Keep the EUT in continuously transmitting mode K modulation.	
ı mode	(Non-Hopping): Keep the EUT in continuously transmitting	Test mode: 2: TX-π/
de (non-	-Hopping): Keep the EUT in continuously transmitting mod	3: TX-8C
	π/4 DQPSK modulation. -Hopping): Keep the EUT in continuously transmitting mod SK modulation.	(non-nop 3: TX-8D



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Anboick 10.2. Test Setup

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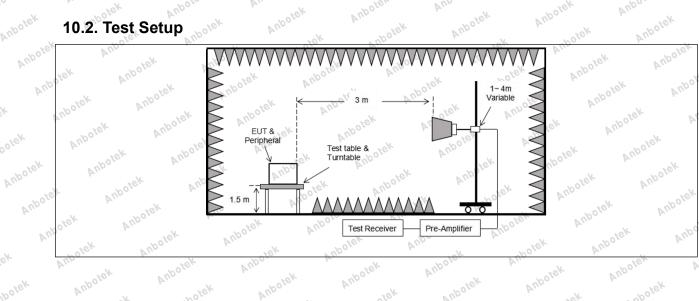
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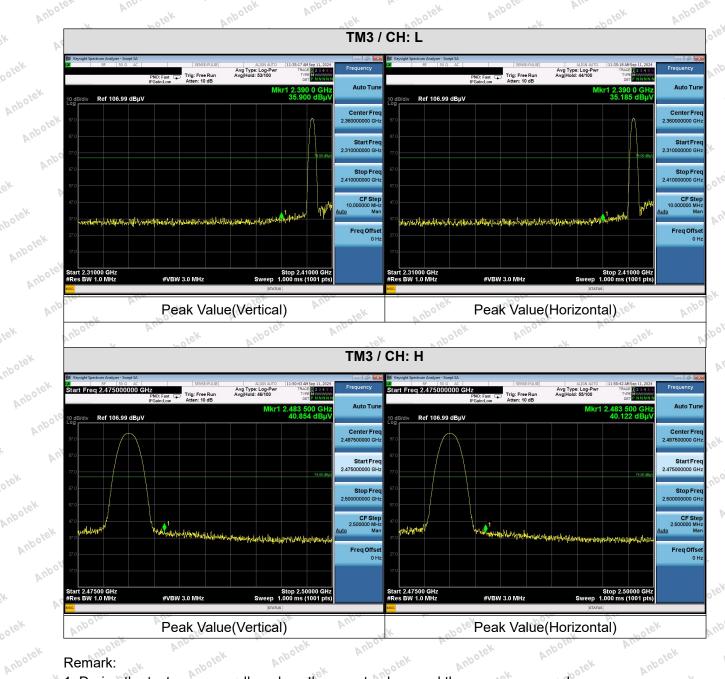




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10.3. Test Data

Temperature: 22 °C Humidity: 51 % Atmospheric Pressure: 101 kPa



Remark:

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1. During the test, pre-scan all modes, the report only record the worse case mode.

Note: 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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11. Emissions in frequency bands (below 1GHz)

frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under othe sections of this part, e.g., §§ 15.231 and 15.241. In the emission table above, the tighter limit applies at the band edges. The emission limits shown in the above table are based on measurement	Aupotek Aupotek	Frequency (MHz)	Field strength (microvolts/meter)	Measuremer distance (meters)
Test Method: 30-88 100 ** 31 100 ** 3216-960 200 ** 34 Above 960 500 3 ** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under othe sections of this part, e.g., §§ 15.231 and 15.241. In the emission table above, the tighter limit applies at the band edges. The emission limits shown in the above table are based on measurement employing a CISPR quasi-peak detector except for the frequency bands of 90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector. ANSI C63.10-2020 section 6.6.4	Anboren And	- 60		-
Test Limit: 88-216	Aupole Vek			4.4
** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under othe sections of this part, e.g., §§ 15.231 and 15.241. In the emission table above, the tighter limit applies at the band edges. The emission limits shown in the above table are based on measurement employing a CISPR quasi-peak detector except for the frequency bands 90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector. ANSI C63.10-2020 section 6.6.4	otek Aupotek	88-216 216-960	150 ** 200 **	3
LOCT MOTOOD	Test Limit:	** Except as provided in pa	aragraph (g), fundamental emiss	ions from
	Test Limit: Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek	intentional radiators opera frequency bands 54-72 MH However, operation within sections of this part, e.g., § In the emission table abov The emission limits shown employing a CISPR quasi- 90 kHz, 110–490 kHz and these three bands are bas detector.	ting under this section shall not k Hz, 76-88 MHz, 174-216 MHz or these frequency bands is permit §§ 15.231 and 15.241. e, the tighter limit applies at the in the above table are based on peak detector except for the free above 1000 MHz. Radiated emised on measurements employing	be located in the 470-806 MHz. Ited under other band edges. In measurements quency bands 9 ssion limits in

11.1. EUT Operation

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Operating Envi	ronment: And Andrew Andrew
Test mode:	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.



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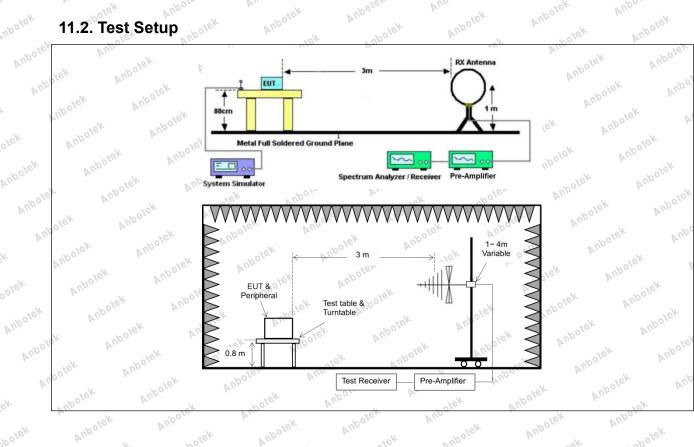
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11.2. Test Setup

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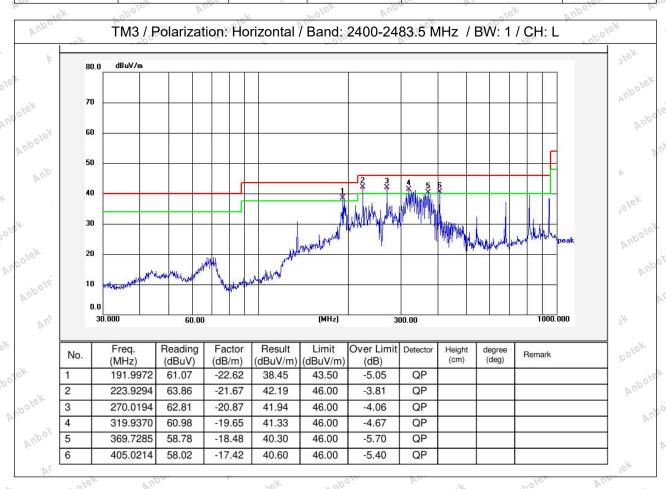


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11.3. Test Data

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

Temperature: 22.9 °C Humidity: 53 % Atmospheric Pressure: 101 kPa





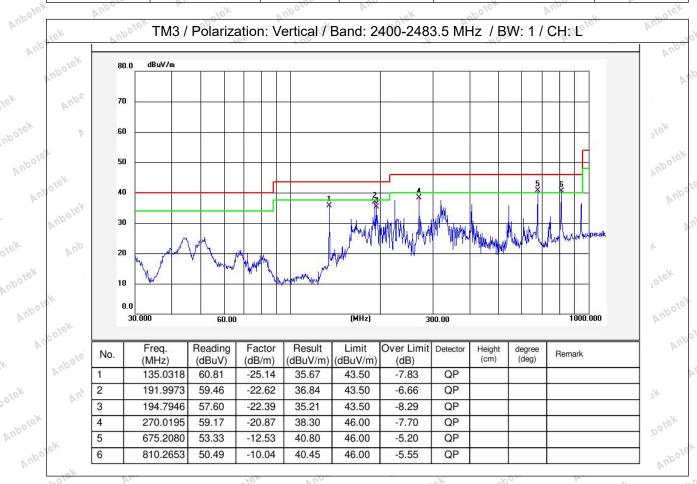


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Report No.:1819C40035812501

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Temperature: 22.9 °C Humidity: 53 % Atmospheric Pressure: 101 kPa	Temperature:	22.9 °C	Humidity:	53 %	Atmospheric Pressure:	101 kPa
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Note:Only record the worst data in the report.







FCC ID: 2BKTR-Y11

12. Emissions in frequency bands (above 1GHz)

- sk tholek	in § 15.209(a)(see § 15.20	1,12,	abole
Anbotek Anbotek	Frequency (MHz)	Field strength (microvolts/meter)	Measuremen distance (meters)
apolek Anbe	0.009-0.490	2400/F(kHz)	300
V. CK	0.490-1.705	24000/F(kHz)	30 nbot
k Aupor A	1.705-30.0	30 Kotek And	30
k hotek	30-88	100 **	3 tok
Oren Vun	88-216	150 **	3
riek Vupole.	216-960	200 **	3 nbore
Aupo, P. Stek	Above 960	500 hotek And	3 Jek
			470 000 8411
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-90 kHz, 110–490 kHz and	Hz, 76-88 MHz, 174-216 MHz or these frequency bands is permit § 15.231 and 15.241. e, the tighter limit applies at the bin the above table are based on peak detector except for the free above 1000 MHz. Radiated emised on measurements employing	ted under other pand edges. measurements quency bands 9 ssion limits in
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-90 kHz, 110–490 kHz and these three bands are base	these frequency bands is permit § 15.231 and 15.241. e, the tighter limit applies at the bin the above table are based on peak detector except for the free above 1000 MHz. Radiated emised on measurements employing 6.6.4	ted under other pand edges. measurements quency bands 9 ssion limits in

12.1. EUT Operation

		- P	,	76	Y lin	401	10°	4.
P.	12.1. EUT Op	eration	Aupotek	Aupo upotek	Aupotek	Vupor	Aupolek	Anb
	Operating Envir	onment:	Aupore	A. holek	Vupo is	Vun Jiek	Aupolek	
00	Test mode:	hopping) 2: TX-π/- (non-hop 3: TX-8D) with GFSK m 4-DQPSK (No oping) with π/	on-Hopping): Ke 4 DQPSK modu opping): Keep th	ep the EUT in	continuously t	ransmitting mo	ode



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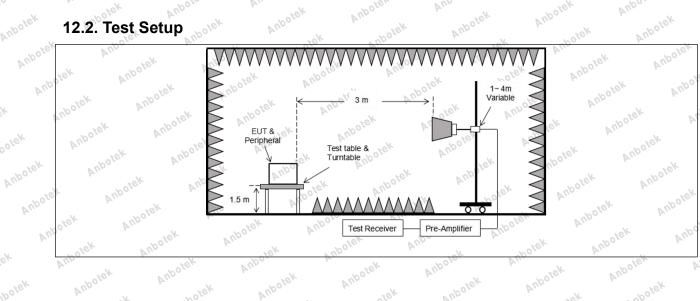
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Aupolek 12.3. Test Data

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12.3. Test Data	Vupotek Vupotek	Aupo, upolek	Aupotek Aupote	Anbotek
Temperature: 23.3 °C	Humidity:	54.7 %	Atmospheric Pressure	: 101 kPa

Tomporataro.	=0.0		200	7 1011/40 0 0 11101110	1100001101/6	Zu.
ek Aupo	rek	Aupole	Air.	k "poler	Anu	<u>, , , , , , , , , , , , , , , , , , , </u>
			TM3 / CH: L			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4804.00	29.75	15.27	45.02	74.00	-28.98	Vertical
7206.00	30.47	18.09	48.56	74.00	-25.44	Vertical
9608.00	32.17	23.76	55.93	74.00	-18.07	Vertical
12010.00		tek napo	ick Aup	74.00	olek Vupo	Vertical
14412.00	Wolek * Wup	S	Polek Pu	74.00	· Olek	Vertical
4804.00	29.90	15.27	45.17	74.00	-28.83	Horizontal
7206.00	31.59	18.09	49.68	74.00	-24.32	Horizontal
9608.00	29.34	23.76	53.10	74.00	-20.90	Horizontal
12010.00	* Aupole	VIII	upotek	74.00	k abotek	Horizontal
14412.00	Yek * nboke	K Aupor	, ho'	74.00	A.	Horizontal
Average value) :					
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4804.00	19.13	15.27	34.40	54.00	-19.60	Vertical
7206.00	19.50	18.09	37.59	54.00	-16.41	Vertical
9608.00	21.19	23.76	44.95	54.00 NOO	-9.05	Vertical
12010.00	ipole, * Yun	iek an	olek Vup.	54.00	hotek Ant	Vertical
14412.00	"potek * Ar	100. K	Polek	54.00	rek	Vertical
4804.00	18.25	15.27	33.52	54.00	-20.48	Horizontal
7206.00	20.65	18.09	38.74	54.00	-15.26	Horizontal
9608.00	18.65	23.76	42.41	54.00	-11.59	Horizontal
12010.00	tek * Whole.	VUs.	ek abole	54.00	ok wol	Horizontal
14412.00	* *	ick Vupor	V	54.00 M	To. William	Horizontal

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"Olek	1	⁷ up _o	187	M3 / CH: M	×	-hotek	Ans
Peak valu	e:						
Frequer (MHz	•	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4882.0	0	otek 29.77 Anbe	15.42	45.19	74.00 And	-28.81	Vertical N
7323.0	0 477	30.32	18.02	48.34	74.00	-25.66	Vertical
9764.0	0	31.18	23.80	54.98	74.00	-19.02	Vertical
12205.	00	Aupo*	Yung.	"polek	74.00	Potek	Vertical
14646.	00.	*bolek	Auporg	hotek	74.00	Vur	Vertical
4882.0	0	29.60	15.42	45.02	74.00	-28.98	Horizontal
7323.0	O upok	31.58	18.02	49.60	74.00	ovek -24.40 Maroc	Horizontal
9764.0	0	otek 29.04 km	23.80	52.84	74.00	-21.16	Horizontal
12205.	00	"Olek*	Aupores A	up,	74.00	Aupo	Horizontal
14646.	00	And *	npotek	Aupore	74.00	Aupole	Horizontal
Average v	alue:						
Frequer (MHz	•	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4882.0	O VUDO	18.86	otek 15.42 And	34.28	54.00	-19.72 Am	Vertical
7323.0	0 p	19.60	18.02	37.62	54.00	-16.38	Vertical
9764.0	0	21.05	23.80	44.85	54.00	-9.15	Vertical
12205.	00	*tek	Anboter	V. Olek	54.00	And	Vertical
14646.	00	An *	VUPOFER	Anba	54.00	Aupo	Vertical
4882.0	Opolek	18.16	15.42	33.58	54.00	-20.42	Horizontal
7323.0	0	10.21 Anboy	18.02	wek 38.23 M	54.00	15.77	Horizontal
9764.0	0 877	19.16	23.80 Ani	42.96	54.00	-11.04	Horizontal
12205.	00	'Upo *	abotek	Anboro	54.00	Aupolek	Horizontal
14646.	00	Anbole*	Viek	Vupoler	54.00	" upolek	Horizontal

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		٦	ГМ3 / СН: Н			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4960.00	30.04	15.58	45.62	14.00 M	-28.38	Vertical
7440.00	30.33	17.93	48.26	74.00	-25.74	Vertical
9920.00	31.73	23.83	55.56	74.00	-18.44	Vertical
12400.00	700#SK	Anbo	"Otek	74.00	Vin	Vertical
14880.00	* 016K	Aupolek	Aug	74.00	Auporg	Vertical
4960.00	29.67	15.58	45.25	74.00	-28.75	Horizontal
7440.00	31.61	17.93	49.54 mo ¹⁷	74.00	-24.46	Horizontal
9920.00	29.72	23.83	53.55	74.00 M	-20.45	Horizontal
12400.00	*	upolek P	upo, k.	74.00	Vupoler V	Horizontal
14880.00	Aupot *	W. Clok	Aupolek	74.00	"Upolek	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4960.00	19.98	15.58	35.56 And	54.00	ove ^k -18.44 And	Vertical
7440.00	20.61	17.93	38.54	54.00	-15.46	Vertical
9920.00	21.60	23.83	45.43	54.00	-8.57	Vertical
12400.00	Vup *	upolek	Anbo	54.00	Aupolo	Vertical
14880.00	Vul*	"Otek	Aupole.	54.00	VUPOLEK	Vertical
4960.00	19.60	15.58	35.18	54.00	-18.82	Horizontal
7440.00	21.58	17.93	39.51	54.00 Anbot	-14.49	Horizontal
9920.00	19.06	23.83 AN	42.89	54.00	,001ex-11.11 Ant	Horizontal
12400.00	"upole" * V	, lek	Anbolek (54.00	polek	Horizontal
14880.00	10/ak	Aupole	- Olek	54.00	V.	Horizontal

Remark:

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





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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

Please refer to separated files Appendix III -- Internal Photograph

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