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FCC Test Report

Applicant : Shantou TengShen Electronics Co.,Ltd.

Address Room1,Unit502,NO.63,ZhuChi Road,Longhu

District, Shantou, 515000, China

Product Name : Wireless Headphone

Report Date : Apr. 24, 2024

Shenzhen Anbotek Compliance Laboratory Limited







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TEST REPORT

Shantou TengShen Electronics Co.,Ltd. Applicant

Manufacturer Shantou TengShen Electronics Co.,Ltd.

Product Name Wireless Headphone

M5 Test Model No.

> K1, K2, K2C, K3, K4, K5, K6, K7, K8, K9, K10, K11, K12, K13, K14, M1, M2, M3, M4, M5, M6, M6C, M6pop, M6pop cat ear, Y08, Y08Plus, M6 Plus, M6 cat ear, M6PRO, M6max, M6pop max, M6R, M8, M9, M10, M11, M12, M13, M14, M15, B30, B35, B35s, B36, B39, B40, BT, T11,

T14, T16, T24, T23, T39P47, P47M, P47Plus, P9, P9 PRO MAX, VZV-Reference Model No.

23M, 23M, 23N, ST89M, ST95, ST93, ST97, ST92, ST99, STN-28, STN-28 PRO, AKS-28, CXT-01, CXT-16, J33, YDM56, YDM55, YDM52, YDM50, P-B15, P-B11, DR-58, A01, A03, A04, A06, D01, D02, MSZ910

BT850

Trade Mark N/A

Input: 5V=0.2A (with DC 3.7V, 150mAh battery inside) Rating(s)

47 CFR Part 15.247 Test Standard(s) ANSI C63.10-2020

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:	Apr. 02, 2024
Date of Test:	Apr. 02, 2024 to Apr. 16, 2024
	Nian xiu Chen
Prepared By:	(Nianxiu Chen)
	Bolward pan
Approved & Authorized Signer:	Gol ward your
And tek inbotek Anbo	(Edward Pan)









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Revision History

Report Version	Description	Issued Date		
R00 potek Mil	Original Issue.	Apr. 24, 2024		
ak Pupatak Vupatak	Anbotek Anbotek Anbotek	Anborek Anborek An		
etek Anbotek Anbotek	Anbotek Anbotek Anbot	tek Anbotek Anboten		







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1. General Information

1.1. Client Information

Applicant	:	Shantou TengShen Electronics Co.,Ltd.
Address	:	Room1,Unit502,NO.63,ZhuChi Road,Longhu District, Shantou, 515000, China
Manufacturer		Shantou TengShen Electronics Co.,Ltd.
Address	:	Room1,Unit502,NO.63,ZhuChi Road,Longhu District, Shantou, 515000, China
Factory	:	Shantou TengShen Electronics Co.,Ltd.
Address	:	Room1,Unit502,NO.63,ZhuChi Road,Longhu District, Shantou, 515000, China

1.2. Description of Device (EUT)

Product Name	:	Wireless Headphone
Test Model No.	:	M5 Anborek Anborek Anborek Anborek
Reference Model No.	:	K1, K2, K2C, K3, K4, K5, K6, K7, K8, K9, K10, K11, K12, K13, K14, M1, M2, M3, M4, M5, M6, M6C, M6pop, M6pop cat ear, Y08, Y08Plus, M6 Plus, M6 cat ear, M6PRO, M6max, M6pop max, M6R, M8, M9, M10, M11, M12, M13, M14, M15, B30, B35, B35s, B36, B39, B40, BT, T11, T14, T16, T24, T23, T39P47, P47M, P47Plus, P9, P9 PRO MAX, VZV-23M, 23M, 23N, ST89M, ST95, ST93, ST97, ST92, ST99, STN-28, STN-28 PRO, AKS-28, CXT-01, CXT-16, J33, YDM56, YDM55, YDM52, YDM50, P-B15, P-B11, DR-58, A01, A03, A04, A06, D01, D02, MSZ910, BT850 (Note: All samples are the same except the model number and appearance color, so we prepare "M5" for test only.)
Trade Mark	:	N/A both Anbotek Anbotek Anbotek Anbotek Anbotek
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 Anborek Anborek Anborek Anborek
RF Specification	<u> </u>	
Operation Frequency	:	2402MHz to 2480MHz
Number of Channel	:	79 Anborek Anborek Anborek Anborek Anborek Anborek
Modulation Type	:	GFSK, π/4 DQPSK, 8DPSK
Antenna Type	:	PCB Antenna
Antenna Gain(Peak)		1.05 dBi

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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1.3. Auxiliary Equipment Used During Test

Title Manufacturer		Model No.	Serial No.	
Xiaomi 33W adapter	Xiaomi	MDY-11-EX	SA62212LA04358J	

1.4. Operation channel list

Operation Band:

Operation E	120 PUL		19K	100. k.		- Hogo I	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Ootek	2402	20 tek	2422	40	2442	60	2462
1 porek	2403	21	2423	41	2443	61.000te	2463
2 2 2bo	2404	22	2424	42 Anbo	2444	rek 62 Anbo	2464
3	2405 M	23	2425	o ^{tek} 43 An	2445	1001e ¹ 63	2465
4	2406	24	2426	Anbot 44	2446	64	2466
And 5 tek	2407	And 25	2427	45	2447	65	2467
And otek	2408	26	2428	46	2448	66	2468
7	2409	27. ^{nboto}	2429	47 _{Anborr}	2449	ek 67 _{Mab} o	2469
8 Anb	2410	28 Anb	2430	otek 48 Ank	2450	- 01-01-01-01-01-01-01-01-01-01-01-01-01-0	2470
9 An	2411	29 P	2431	49	2451	69	2471
Anbora 10	2412	30	2432	50	2452	70	2472
Angota	2413	31	2433	510tek	2453	71 otek	2473
12	2414	32,000	2434	52 _{nb} ote	2454	72	2474
13Anbor	2415	ek 33 Anbo	2435	stek 53 Anb	2455 About	73	2475 And
otek 14 Anl	2416	ote ^k 34	2436	54	2456	74	2476
nb ^{otek} 15	2417	35	2437	55	2457	75 _k	2477
An 16	2418	36	2438	56	2458	76	2478
17° 10'	2419	37 orek	2439	57 hotel	2459	77	2479
18,000te	2420	38 ₁₀₀ 0	2440	58	2460	78 ^{Anb}	2480
tek 19 Anb	2421	39	2441 Miles	59	2461	Oley - Vul	Jek-



Hotline



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1.5. Description of Test Modes

Pretest Modes	Descriptions
Anborek TM1 botes And	Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation.
TM2 Anborek	Keep the EUT in continuously transmitting mode (non-hopping) with π/4 DQPSK modulation.
totek Anborek	Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.
And TM4 ek Anbore	Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,.
Anborek TM5 orek Anb	Keep the EUT in continuously transmitting mode (hopping) with π/4 DQPSK modulation.
Anborek TM6 Anborek	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			
Conducted Output Power	0.76dB botek Anbote Ambote			
Conducted Spurious Emission	1.24dB nbotek Anbotek Anb			
Radiated spurious emissions (above 1GHz)	1G-6GHz: 4.78dB; 6G-18GHz: 4.88dB 18G-40GHz: 5.68dB			
Radiated emissions (Below 30MHz)	3.53dBrek Anborek Anborek			
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	Anbotek / Anbote	And Pore
Conducted Emission at AC power line	Mode1,2,3	P
Occupied Bandwidth	Mode1,2,3	P P
Maximum Conducted Output Power	Mode1,2,3	P
Channel Separation	Mode4,5,6	Mpo. Pk
Number of Hopping Frequencies	Mode4,5,6	Anb P tek
Dwell Time	Mode4,5,6	A P
Emissions in non-restricted frequency bands	Mode1,2,3,4,5,6	PARTE
Band edge emissions (Radiated)	Mode1,2,3	P
Emissions in frequency bands (below 1GHz)	Mode1,2,3	Upoye B
Emissions in frequency bands (above 1GHz)	Mode1,2,3	Anbore P
Note: P: Pass N: N/A, not applicable	Anbotek Anbotek	Anbore Anbor

1.8. Description of Test Facility

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

FCC-Registration No.: 434132

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

ISED-Registration No.: 8058A

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

Test Location

Shenzhen Anbotek Compliance Laboratory Limited.

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





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1.9. Disclaimer

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

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







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1.10. Test Equipment List

Cond	ucted Emission at A	C power line	Aupo	k hotel	Anbore	Andrek
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
. 1	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	2024-01-18	2025-01-17
otek 2	Three Phase V- type Artificial Power Network	CYBERTEK	EM5040DT	E215040D T001	2024-01-17	2025-01-16
30t	Software Name EZ-EMC	Farad Technology	ANB-03A	N/A	Alooiek	Anborek
4	EMI Test Receiver	Rohde & Schwarz	ESPI3	100926	2023-10-12	2024-10-11

Occupied Bandwidth

Maximum Conducted Output Power

Channel Separation

Number of Hopping Frequencies

Dwell Time

Emissions in non-restricted frequency bands

	Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
4	1 1	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ- KHWS80B	o ^{tek} N/A	2023-10-16	2024-10-15
	2	DC Power Supply	IVYTECH	IV3605	1804D360 510	2023-10-20	2024-10-19
	An3otel	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	101792	2023-05-26	2024-05-25
	4.nb	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY505318 23	2023-10-12	2024-10-11
	5 P	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

Hotline

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400-003-0500



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	edge emissions (Ra sions in frequency ba		Aupotek	Anborek	Aupotek	Anborek
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1 0.0	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
nbole 4	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	Anbotek	Aupolek
5	Horn Antenna	A-INFO	LB-180400- KF	J21106062 8	2023-10-12	2024-10-11
6	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	101792	2023-05-26	2024-05-25
*e ¹ 7	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2023-05-25	2024-05-24

Emiss	sions in frequency ba	ands (below 1GHz)				
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	Pre-amplifier	SONOMA	310N	186860	2024-01-17	2025-01-16
34	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	2022-10-23	2025-10-22
Anistel	Loop Antenna (9K- 30M)	Schwarzbeck	FMZB1519 B	00053	2023-10-12	2024-10-11
5,00	EMI Test Software EZ-EMC	SHURPLE	N/A nbor	N/A door	y Aupon	k Anbotek



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2. Antenna requirement

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 **1.05 dBi**. It complies with the standard requirement.





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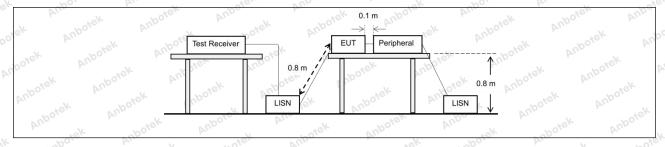
3. Conducted Emission at AC power line

Test Requirement:	Refer to 47 CFR 15.207(a), Except section, for an intentional radiator public utility (AC) power line, the reback onto the AC power line on ar band 150 kHz to 30 MHz, shall no measured using a 50 µH/50 ohms	that is designed to be con adio frequency voltage tha ny frequency or frequencie t exceed the limits in the f	nected to the at is conducted as, within the ollowing table, as
o h spoiek	(LISN).	Can duated limit (dD:\/)	Anbore
Aupore All.	Frequency of emission (MHz)	Conducted limit (dBµV)	Averego
sotek Anbo.	W. The Work William	Quasi-peak	Average
Test Limit:	0.15-0.5	66 to 56*	56 to 46*
rest Littit.	0.5-5 dek nabote Ame	56 hotel An	46
Ans above	5-30 And San	60	50 And
Anbor Air	*Decreases with the logarithm of t	he frequency.	
Test Method:	ANSI C63.10-2020 section 6.2	Anbores.	Aug Otek
Procedure:	Refer to ANSI C63.10-2020 section line conducted emissions from unline conducted emissions from the conducted emission		

3.1. EUT Operation

Operating Envi	ronment:	Aupore	Pur Potek	Anbotek	Vupo,	anboick .	Aupore
Test mode:	hopping) wit 2: TX-π/4-D	h GFSK mod QPSK (Non-	dulation. Hopping): K	eep the EUT	ntinuously trans in continuously	PLUP.	ek .
Anborek Anb	(non-hoppin 3: TX-8DPS hopping) wit	K (Non-Hop	oing): Keep t		ontinuously tran	nsmitting mo	de (non-

3.2. Test Setup



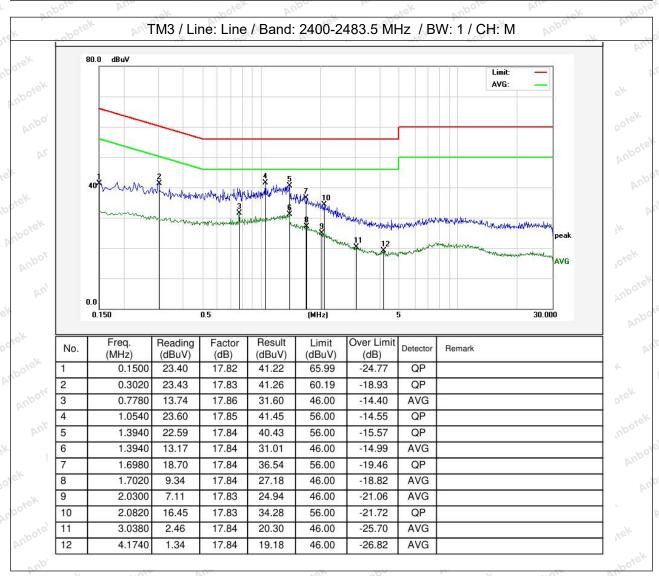




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3.3. Test Data

Temperature: 21.4 °C	Humidity:	52 %	Atmospheric Pressure:	101 kPa
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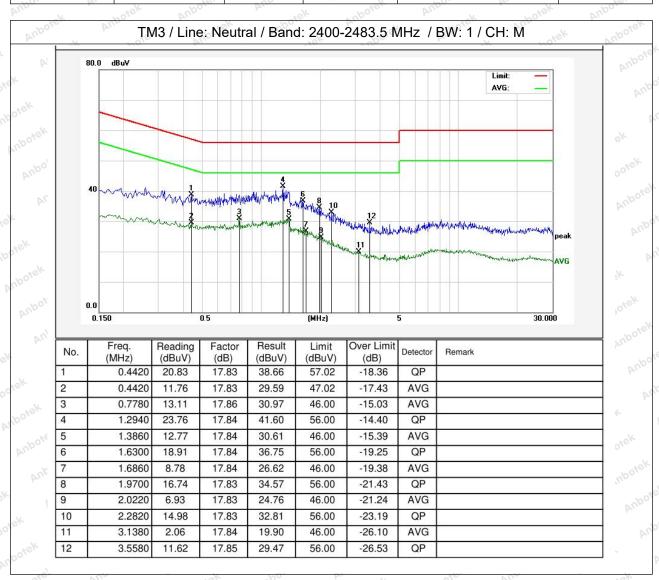






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Temperature: 21.4 °C Humidity: 52 % Atmospheric Pressure: 101 kPa



Note:Only record the worst data in the report.







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4. Occupied Bandwidth

Test Requirement:	47 CFR 15.215(c)
Test Limit: Anbotek 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
Anbotek Anbote Anbotek Anbote	The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equa 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 cente 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.
	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.
k Anbotek Anbote	e) Video averaging is not permitted. Where practical, a sample detection an single sweep mode shall be used. Otherwise, peak detection and max-hold mode (until the trace stabilizes) shall be used.
	f) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.
	g) If the instrument does not have a 99% power bandwidth function, then the trace data points are recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are
Anbotek Anbotek	placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the
	total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies.
	h) The occupied bandwidth shall be reported by providing spectral plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).





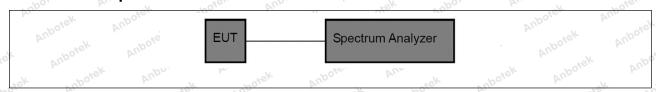


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4.1. EUT Operation

Operating Envi	ronment:	Anbo	hotek	Anboro	Vu.	Anbotek	Aupr
Anbotek	hopping) with GFSI	Hopping): Kee K modulation.	ek "boʻ	ick Wupor	, All C	iek vupoje
Test mode:			(Non-Hopping π/4 DQPSK n		EUT in continu	uously transm	itting mode
dotek Vupo,			-Hopping): Ke SK modulation		in continuous	ly transmitting	mode (non-

4.2. Test Setup



4.3. Test Data

	pe.	Temperature:	25.5 °C	Hum	nidity: 47 %	Atmospheric Pressure:	101 kPa
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Please Refer to Appendix for Details.







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5. Maximum Conducted Output Power

Test Requirement:	47 CFR 15.247(b)(1)
Test Limit: ek Anborek Anborek Anborek Anborek	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
Anbotek Anbotek Anbotek 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. Frequency hopping shall be disabled for this test. Use the following spectrum analyzer settings:
tek Anbotek Anb	a) Span: Approximately five times the 20 dB bandwidth, centered on a hopping channel.
botek Anbotek	 b) RBW > 20 dB bandwidth of the emission being measured. c) VBW ≥ RBW. d) Sweep: No faster than coupled (auto) time.
Anborek Anbore	e) Detector function: Peak.
Procedure:	f) Trace: Max-hold. g) Allow trace to stabilize.
ak Anbotek And	h) Use the marker-to-peak function to set the marker to the peak of the emission.
potek Anbotek	i) The indicated level is the peak output power, after any corrections for external attenuators and cables.
Anbotek Anbotek	j) A spectral plot of the test results and setup description shall be included in the test report.
k Anbotek Anbote	NOTE—A peak responding power meter may be used, where the power meter and sensor system video bandwidth is greater than the occupied bandwidth of the unlicensed wireless device, rather than a spectrum analyzer.

5.1. EUT Operation

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

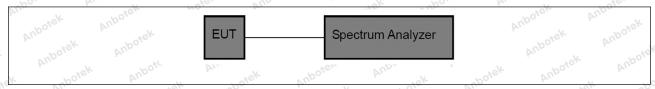






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5.2. Test Setup



5.3. Test Data

Temperature:	25.5 °C	Humidity:	47 %	Atmospheric Pressure:	101 kPa
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Please Refer to Appendix for Details.





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6. Channel Separation

Up EK	- 100, Will West Villa Control of the Poly
Test Requirement:	47 CFR 15.247(a)(1)
Test Limit: Anbotek Anbotek Anbotek Anbotek	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 the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz 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, whichever is greater, provided the systems operate with an output power no greater than 125 mW.
Test Method:	ANSI C63.10-2020, section 7.8.2
Anbotek Anbote	The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings:
	 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 spacing; adjust as necessary to best identify the center of each individual channel. c) Video (or average) bandwidth (VBW) ≥ RBW.
Procedure:	d) Sweep: No faster than coupled (auto) time. e) Detector function: Peak.
	f) Trace: Max-hold. g) Allow the trace to stabilize.
Anbotek Anbotek Anbotek Anbotek	Use the marker-delta function to determine the separation between the peaks of the adjacent channels. Compliance of an EUT with the appropriate regulatory limit shall be determined. A spectral plot of the data shall be included in the test report.

6.1. EUT Operation

Operating Envi	ronment; orek Anbore Anborek Anborek Anborek Ar
Test mode:	 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.

6.2. Test Setup

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upo,		FUT	Spectrum Analyze	r shotek	Anbore.
Anbore			opoolium mary 20	, hotek	Anboiek

6.3. Test Data

	Temperature:	25.5 °C	Humidity:	47 %	Atmospheric Pressure:	101 kPa
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Please Refer to Appendix for Details.

Shenzhen Anbotek Compliance Laboratory Limited

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Tel:(86)0755-26066440 Fax:(86)0755-26014772 Email:service@anbotek.com







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7. Number of Hopping Frequencies

Test Requirement:	47 CFR 15.247(a)(1)(iii)
Test Limit:	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
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.
Procedure:	d) Sweep: No faster than coupled (auto) time. e) Detector function: Peak.
	f) Trace: Max-hold. g) Allow the trace to stabilize.
Anbotek Anbotek Anbotek Anbotek	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 spectral plot of the data shall be included in the test report.

7.1. EUT Operation

Operating Envi	ronment:
Anbotek Anb	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.
Aupolek Polek	6: TX-8DPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with 8DPSK modulation.

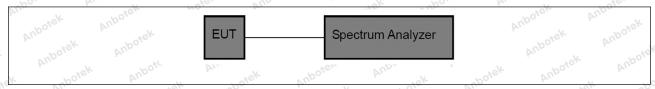






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7.2. Test Setup



7.3. Test Data

10	Tomporaturo	25.5 °C	Humidita	47 %	Atmospheric Pressure:	101 kPa
	Temperature:	25.5 6	Humidity:	47 70	Aunosphenc Flessure.	101 kPa

Please Refer to Appendix for Details.





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8. Dwell Time

o. Dwell tillle	potek Anbore An dek Anborek Anborek
Test Requirement:	47 CFR 15.247(a)(1)(iii)
Test Limit: Anbotek Anbotek Anbotek Anbotek Anbotek	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 7.8.4
Anbotek Anbotek Anbotek Anbotek Anbotek	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.
	Anbotek Anbotek Anbote Ans Anbotek
	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.
	botek Anbote An otek Anbotek Anbo
Procedure:	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 dwell time with the minimum number of channels.
	Use the following spectrum analyzer settings to determine the dwell time per
	hop:
	a) Span: Zero span, centered on a hopping channel.
Anbore Anborek Anbo	b) RBW shall be ≤ channel spacing and where possible RBW should be 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.
	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. e) Detector function: Peak.
wek an	e) Detector function: Peak.









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f) Trace: Clear-write, single sweep.

g) Place markers at the start of the first transmission on the channel and at 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

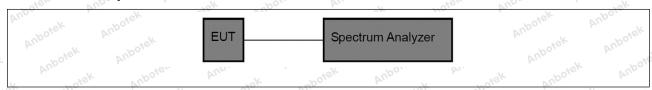
Operating Environment:

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

101	Temperature:	25.5 °C	Humidity:	47 %	Atmospheric Pressure:	101 kPa

Please Refer to Appendix for Details.







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9. Emissions in non-restricted frequency bands

Test Requirement:	47 CFR 15.247(d), 15.209, 15.205
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
rek społek	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.
	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 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.
	ok hotek Anboro Ant stek Anborek Anbo
Procedure: Anborek Anborek Anborek Anborek Anborek Anborek	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
	provided.
	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 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









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standards measurement procedures described in Clause 6 with the 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

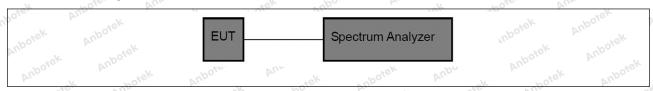
Operating Environment:

- 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.

Test mode:

- 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



9.3. Test Data

Shenzhen Anbotek Compliance Laboratory Limited





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Please Refer to Appendix for Details.

Shenzhen Anbotek Compliance Laboratory Limited

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Tel:(86)0755-26066440 Fax:(86)0755-26014772 Email:service@anbotek.com







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10. Band edge emissions (Radiated)

Test Requirement:	restricted bands, as defined	In addition, radiated emissions I in § 15.205(a), must also comp ecified in § 15.209(a)(see § 15.2	ly with the			
k Anbotek Anbot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)			
o. h. otek	0.009-0.490	2400/F(kHz)	300 0000			
abotek Anbe	0.490-1.705	24000/F(kHz)	30			
The stek	1.705-30.0	30°, kgk 100°	30			
Anbo. A. Stek	30-88	100 **	3,ek Anbore			
abotek Anbo	88-216	150 **	3			
All telk ambore	216-960	200 ***	3 boter And			
Anbor Ar.	Above 960	500 hotek Anbou	3 rek no			
Test Limit: of the Andorek Andorek Andorek Andorek Andorek Andorek	** 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 other sections of this part, e.g., §§ 15.231 and 15.241. In the emission table above, the tighter limit applies at the band edges.					
tek Anbotek Anbo	The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.					
Test Method:	ANSI C63.10-2020 section	6.10 And the state of the state	Anbo.			
Procedure:	ANSI C63.10-2020 section	6.10.5.2	otek Aupoter			

10.1. EUT Operation

0	perating Envi	ronment:
000	sk Aupotel	1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation.
Te	est mode:	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.

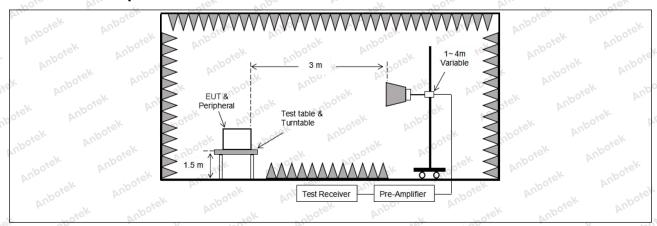






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10.2. Test Setup



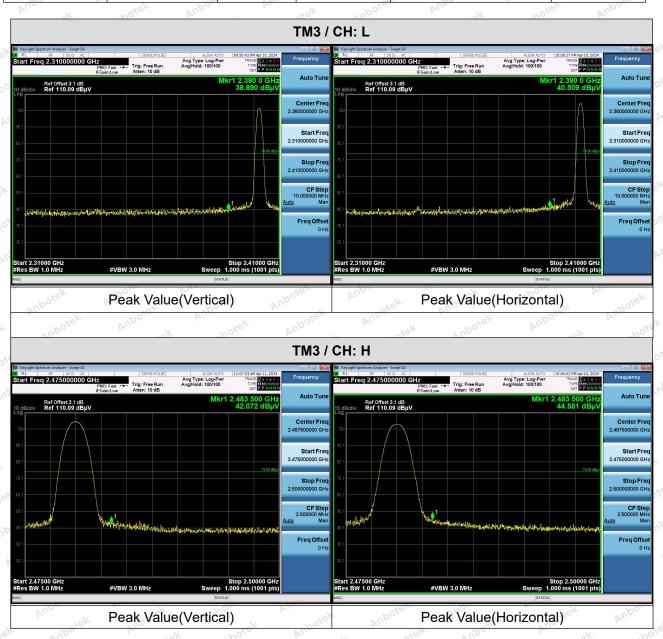




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10.3. Test Data

Temperature: 25.5 °C Humidity: 47 % Atmospheric Pressure: 101 kPa



Remark:

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







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11. Emissions in frequency bands (below 1GHz)

VO. N.		
restricted bands, as defined	l in § 15.205(a), must also comp	ly with the
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300 mbot
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30°, kek 100°	30
30-88	100 **	3 ek nbore
88-216	150 **	3
216-960	200 **	3 boten And
Above 960	500 Morek Anbor	3 rek no
intentional radiators operatifrequency bands 54-72 MH However, operation within t sections of this part, e.g., §	ng under this section shall not b z, 76-88 MHz, 174-216 MHz or 4 hese frequency bands is permitt § 15.231 and 15.241.	e located in the 470-806 MHz. ed under other
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
ANSI C63.10-2020 section	6.6.4 And the state of the stat	SK AUPO.
ANSI C63.10-2020 section	6.6.4	otek Anbore
	restricted bands, as defined radiated emission limits special Frequency (MHz) 0.009-0.490 0.490-1.705 1.705-30.0 30-88 88-216 216-960 Above 960 ** Except as provided in paintentional radiators operation frequency bands 54-72 MH However, operation within the sections of this part, e.g., § In the emission table above The emission limits shown employing a CISPR quasi-paintenance of the paintenance of the emission limits shown employing a CISPR quasi-paintenance of the paintenance of the emission limits shown employing a CISPR quasi-paintenance of the paintenance of the paintena	(microvolts/meter) 0.009-0.490 2400/F(kHz) 0.490-1.705 24000/F(kHz) 1.705-30.0 30 30-88 100 ** 88-216 216-960 200 ** Above 960 ** Except as provided in paragraph (g), fundamental emissi intentional radiators operating under this section shall not b frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or However, operation within these frequency bands is permitt sections of this part, e.g., §§ 15.231 and 15.241. In the emission table above, the tighter limit applies at the based on employing a CISPR quasi-peak detector except for the freq 90 kHz, 110–490 kHz and above 1000 MHz. Radiated emist these three bands are based on measurements employing

11.1. EUT Operation

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

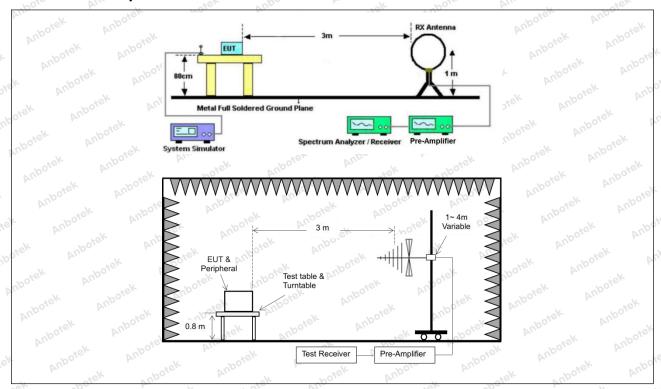






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11.2. Test Setup





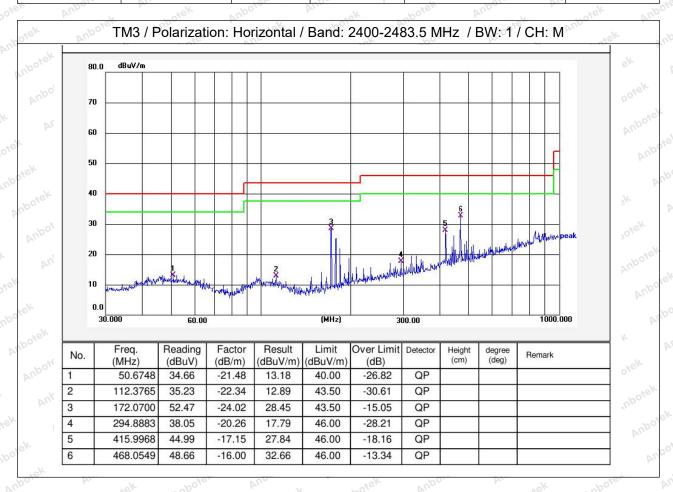


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11.3. Test Data

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

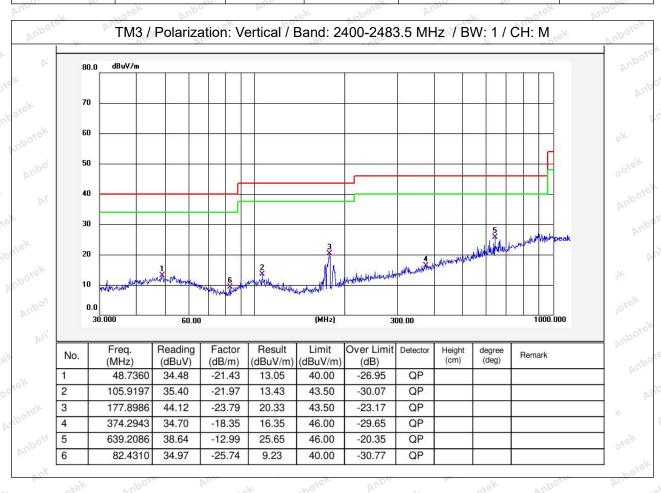
Т	emperature:	23.5 °C	20/0	Humidity:	49 %	Atmos	spheric Pres	sure:	101 kPa
	omporataro.	20.0		i idillidity.	10.70	7 (11100	priorio i ioc	oui o.	pero i iti a i





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Temperature: 23.5 °C Humidity: 49 % Atmospheric Pressure: 101 kPa



Note:Only record the worst data in the report.









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12. Emissions in frequency bands (above 1GHz)

Arr Anbotek	In addition, radiated emissi	ons which fall in the restricted ba	ands, as defined				
Test Requirement:	in § 15.205(a), must also comply with the radiated emission limits specified						
Aupore Am	in § 15.209(a)(see § 15.205	o(c)).	in above				
k Aupotek Aupo,	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)				
	0.009-0.490	2400/F(kHz)	300				
sbotek Anbo	0.490-1.705	24000/F(kHz)	30 NOTE				
	1.705-30.0	30	30				
	30-88	100 **	3,ek anbore				
	88-216	150 **	3				
	216-960	200 **	3 boten And				
	Above 960	500 Morek Anbou	3 rek orb				
Test Limit: of the Andrew Andrew Andrew Andrew Andrew Andrew Andrew Andrew	intentional radiators operatifrequency bands 54-72 MH However, operation within t sections of this part, e.g., §	ragraph (g), fundamental emissi ng under this section shall not b z, 76-88 MHz, 174-216 MHz or 4 hese frequency bands is permitt § 15.231 and 15.241. e, the tighter limit applies at the b	e located in the 470-806 MHz. ed under other				
	employing a CISPR quasi-p 90 kHz, 110–490 kHz and a	in the above table are based on beak detector except for the freq above 1000 MHz. Radiated emised on measurements employing	uency bands 9– sion limits in				
Test Method:	ANSI C63.10-2020 section	6.6.4	Auport Sk				
Procedure:	ANSI C63.10-2020 section	6.6,4	Jotek Aupore				

12.1. EUT Operation

0	perating Envi	ronment:
000	sk Aupotel	1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation.
Te	est mode:	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.

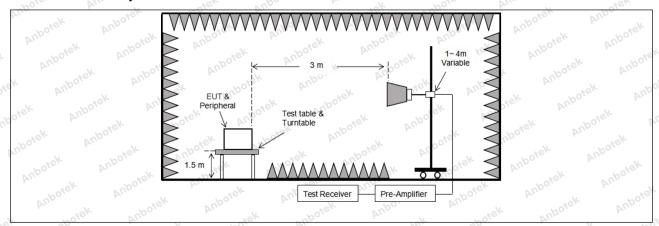






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12.2. Test Setup







Report No.: 18220WC40068901 FCC ID: 2A8K3-M5 Page 39 of 42

12.3. Test Data

Temperature: 23.5 °C	Humidity: 49 %	Atmospheric Pressure:	101 kPa
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711.	Poter Aup		riek nobor	b11.	r pojek	Anbo
		•	TM3 / CH: L			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarizatio
4804.00	28.71	15.27	43.98	74.00	-30.02	Vertical
7206.00	29.61	18.09	47.70	74.00	-26.30	Vertical
9608.00	30.96	23.76	54.72	74.00	-19.28	Vertical
12010.00	Anbore * Ar	19 × 19 ×	abotek Anb	74.00	otek Anbote	Vertical
14412.00	"Upo*sk	Anbo	hotek b	74.00	stek onk	Vertical
4804.00	28.96	15.27	44.23	74.00	-29.77	Horizonta
7206.00	30.35	18.09	48.44	74.00	-25.56	Horizonta
9608.00	28.90	23.76	52.66	74.00	-21.34	Horizonta
12010.00	otek * Aupo	-V	iek Aupote,	74.00	hotek	Horizonta
14412.00	worek* An	boye Vun	iek abo	74.00	ak hore	Horizonta
Average value: Frequency	Reading	Factor	Result	Limit	Over Limit	polarizatio
(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
4804.00	18.09	15.27	33.36	54.00	-20.64	Vertical
7206.00	18.64	18.09	36.73	54.00	-17.27	Vertical
9608.00	19.98	23.76	43.74	54.00	-10.26	Vertical
12010.00	Anbotek	Yupo, K.	Poisk Pu	54.00	hotek Anbe	Vertical
14412.00	Kotek.	Anboie.	Aur	54.00	100. N.	Vertical
4804.00	17.31	15.27	32.58	54.00	-21.42	Horizonta
7206.00	19.41	18.09	37.50	54.00	-16.50	Horizonta
9608.00	18.21 hote	23.76	41.97	54.00	-12.03	Horizonta
12010.00	** * "Up	otek Aupot	-K 201	54.00	Aug	Horizonta
14412.00	4 ×	botek Ant	oto. And	54.00	ek Vupo,	Horizonta





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				hotek	Aupor A	rek
			TM3 / CH: M			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4882.00	28.73	15.42	44.15	74.00	-29.85	Vertical
7323.00	29.46	18.02	47.48	74.00	-26.52	Vertical
9764.00	29.97	23.80	53.77	74.00	-20.23	Vertical
12205.00	ek * nbotek	Aupor	, worek	74.00	And	Vertical
14646.00	* *	tek Aupote	Pur Sie	74.00	Aupo	Vertical
4882.00	28.66	15.42	44.08	74.00	-29.92	Horizontal
7323.00	30.34	18.02	48.36	74.00	-25.64	Horizontal
9764.00	28.60	23.80	52.40	74.00	-21.60	Horizontal
12205.00	* otek	Anboie	And	74.00	YUPO, OK	Horizontal
14646.00	Ant.	nbotek	Aupo	74.00	Aupore	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4882.00	17.82	15.42	33.24	54.00	-20.76	Vertical
7323.00	18.74	18.02	36.76	54.00	-17.24	Vertical
9764.00	19.84	23.80	43.64	54.00	-10.36	Vertical
12205.00	k *upor	An Siek	anbotek	54.00	boiek	Vertical
14646.00	otek * Anboti	And	ek spojek	54.00	pi, motek	Vertical
4882.00	17.22	15.42	32.64	54.00	-21.36	Horizontal
7323.00	18.97	18.02	36.99	54.00	-17.01	Horizontal
9764.00	18.72	23.80	42.52	54.00	11.48 And	Horizontal
12205.00	Anb***	Anbo .ek	abotek	54.00	work a	Horizontal
14646.00	* botek	Anbo	W. Olek	54.00	AUG	Horizontal



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Le. AUD	- stek	Vupo,	Dr.	hoie.	VUP.	rek.
		•	TM3 / CH: H			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4960.00	29.00	15.58	44.58	74.00	-29.42	Vertical
7440.00	29.47	17.93	47.40	74.00	-26.60	Vertical
9920.00	30.52	23.83	54.35	74.00	-19.65	Vertical
12400.00	* work	Aupoter	YUP.	74.00	Aupo,	Vertical
14880.00	* And	rek Spotel	Aupo.	74.00	Aupore.	Vertical
4960.00	28.73	15.58	44.31	74.00	-29.69	Horizontal
7440.00	30.37	17.93	48.30	74.00	-25.70	Horizontal
9920.00	29.28	23.83	53.11	74.00	-20.89	Horizontal
12400.00	Anb * *ek	abotek	Aupo, K	74.00	Anbote, Ant	Horizontal
14880.00	W.*po,	hotek hotek	Anbores	74.00	anbotek	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4960.00	18.94	15.58	34.52	54.00	-19.48	Vertical
7440.00	19.75	17.93	37.68	54.00	-16.32	Vertical
9920.00	20.39	23.83	44.22	54.00	-9.78	Vertical
12400.00	k * hotek	Anbo	hotek	54.00	Vus	Vertical
14880.00	* * *	sk Pupole	And	54.00	Vupo.	Vertical
4960.00	18.66	15.58	34.24	54.00	-19.76	Horizontal
7440.00	20.34	17.93	38.27	54.00	-15.73	Horizontal
9920.00	18.62	23.83	42.45	54.00	±11.55	Horizontal
12400.00	* hotek	Aupore	Aur	54.00	100. br	Horizontal
14880 00	Aux *	hotek	Anbo	54 00	Aupore A	Horizontal

Remark:

- 1. Result =Reading + Factor
- 2. "*" 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

Please refer to separated files Appendix I -- Test Setup Photograph_RF

APPENDIX II -- EXTERNAL PHOTOGRAPH

Please refer to separated files Appendix II -- External Photograph

APPENDIX III -- INTERNAL PHOTOGRAPH

Please refer to separated files Appendix III -- Internal Photograph

----- End of Report -----

