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# **FCC Test Report**

Applicant : Iton Technology Corp.

7 Floor East, Building C, Shenzhen International

Address : Innovation Center, No.1006 Shennan Rd. Futian

Dist, Shenzhen, China

Product Name : WIFI+BT Module

Report Date : Apr. 22, 2024

Shenzhen Anbotek Compliance Laboratory Limited







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# TEST REPORT

Applicant : Iton Technology Corp.

Manufacturer : Iton Technology Corp.

Product Name : WIFI+BT Module

Test Model No. : AW65P1-50B1

Reference Model No. : AW65P1-50B2, AW65P1-50B3

Trade Mark : N/A

Rating(s) : Input: DC 3.3V

47 CFR Part 15.247

Test Standard(s) : ANSI C63.10-2020

KDB 558074 D01 15.247 Meas Guidance v05r02

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

Date of Receipt:	Jan. 23, 2024
Date of Test:	Jan. 23, 2024 to Mar. 29, 2024
	Ella Liang
Prepared By:	Will diek unpoter Aup ok he
	(Ella Liang)
	Idward pan
Approved & Authorized Signer:	And sek abovek
	(Edward Pan)







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# **Revision History**

Report Version		Description	Issued Date		
ĺ	Anbores R00 aborek An	Original Issue.	Apr. 22, 2024		
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400-003-0500



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### 1. General Information

### 1.1. Client Information

		No. No. No. No.
Applicant	:	Iton Technology Corp.
Address	• •	7 Floor East, Building C, Shenzhen International Innovation Center, No.1006 Shennan Rd. Futian Dist, Shenzhen, China
Manufacturer	:	Iton Technology Corp.
Address	:	7 Floor East, Building C, Shenzhen International Innovation Center, No.1006 Shennan Rd. Futian Dist, Shenzhen, China
Factory	:	Iton Technology Corp.
Address	:	7 Floor East, Building C, Shenzhen International Innovation Center, No.1006 Shennan Rd. Futian Dist, Shenzhen, China

# 1.2. Description of Device (EUT)

- 0/4		
Product Name	:	WIFI+BT Module
Test Model No.	:	AW65P1-50B1
Reference Model No.	:	AW65P1-50B2, AW65P1-50B3 (Note: All samples are the same except the model number and module naming, so we prepare "AW65P1-50B1" for test only.)
Trade Mark	:	N/A Anbotek Anbotek Anbotek Anbotek An
Test Power Supply		DC 3.3V via Debug board
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/Abote Anbotek Anbotek Anbotek Anbotek Anbotek
RF Specification		
Operation Frequency	:	2402MHz to 2480MHz
Number of Channel	:	79 tek Anbotek Anbotek Anbotek Anbotek Anbotek
Modulation Type	:	GFSK, π/4 DQPSK, 8DPSK
Antenna Type	:	Dipole Antenna Antone A
Antenna Gain(Peak)	:	2.53 dBi otek Anbotek Anbotek Anbotek Anbotek Anbotek

#### 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.
Adapter	SHENZHEN TOPOW ELECTRONICS CO.,	TA259-18120-US	Anboren Anbore
k hotek Anbo.	LTD chore	Aug OK Po	lek Wupo, W.

## 1.4. Operation channel list

### Operation Band:

Channel         Frequency (MHz)         Channel         Frequency (MHz)	requency (MHz) 2462 2463 2464 2465
1     2403     21     2423     41     2443     61       2     2404     22     2424     42     2444     62	2463 2464 2465
2 2404 22 2424 42 2444 62	2464 2465
Tek to, by the base, but they bo, by	2465
3 2405 23 2425 43 2445 63	
	464
4 2406 24 2426 44 2446 64	2466
5 2407 25 2427 45 2447 65	2467
6 2408 26 2428 46 2448 66	2468
7 2409 27 2429 47 2449 67	<sup>2</sup> 2469
8 2410 28 2430 48 2450 68	2470
9 2411 29 2431 49 2451 69	2471
10 2412 30 2432 50 2452 70	2472
11 2413 31 2433 51 2453 71	2473
12 2414 32 2434 52 2454 72	2474
13 2415 33 2435 53 2455 73	2475
14     2416     34     2436     54     2456     74	2476
15 2417 35 2437 55 2457 75	2477
16 2418 36 2438 56 2458 76	2478
17 2419 37 2439 57 2459 77	2479
18 2420 38 2440 58 2460 78	2480
19 2421 39 2441 59 2461 -	°, <u>°</u> k



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# 1.5. Description of Test Modes

Pretest Modes	Descriptions
Anborek TM1 (bores	Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation.
TM2	Keep the EUT in continuously transmitting mode (non-hopping) with π/4-DQPSK modulation.
TM3	Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.
TM4 ek	Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,.
TM5 polek	Keep the EUT in continuously transmitting mode (hopping) with π/4-DQPSK modulation.
Aupotek TM6 Aupotek	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 rek Anbotek Anbotek
Conducted Output Power	0.76dB
Conducted Spurious Emission	1.24dB
Radiated spurious emissions (above 1GHz)	1G-6GHz: 4.78dB; 6G-18GHz: 4.88dB 18G-40GHz: 5.68dB
Radiated emissions (Below 30MHz)	3.53dB
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 / Anboten	And Potek
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. P.
Channel Separation	Mode4,5,6	hoof Pk
Number of Hopping Frequencies	Mode4,5,6	Anbo Priek
Dwell Time	Mode4,5,6	PP P
Emissions in non-restricted frequency bands	Mode1,2,3,4,5,6	Pant
Band edge emissions (Radiated)	Mode1,2,3	Pu Pu
Emissions in frequency bands (below 1GHz)	Mode1,2,3	upote P
Emissions in frequency bands (above 1GHz)	Mode1,2,3	Anbo Prek
Note: P: Pass N: N/A, not applicable	Anbotek Anbotek	Anbore





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### 1.8. Description of Test Facility

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

#### FCC-Registration No.: 434132

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

### ISED-Registration No.: 8058A

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

#### **Test Location**

Shenzhen Anbotek Compliance Laboratory Limited.

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

### 1.9. Disclaimer

- 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

Cond	ucted Emission at A	C power line				
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	Alootek	Auport Losek
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
Constant 1 Temperature Humidity Chamber		ZHONGJIAN	ZJ- KHWS80B	N/A	2023-10-16	2024-10-15
2	DC Power Supply	IVYTECH	IV3605	1804D360 510	2023-10-20	2024-10-19
An3ote	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	101792	2023-05-26	2024-05-25
<b>4</b> nb	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY505318 23	2023-10-12	2024-10-11
5	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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ote.	And	stek rupo.	N. Ok	pote.	AUS	iek
	edge emissions (Ra sions in frequency ba		Anbore	Anboick	Aupotek	Anbotek
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1 00	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
nboto. 4	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	Anbotek	Anborek
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
re <sup>k</sup> 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	
4ntel	Loop Antenna (9K- 30M)	Schwarzbeck	FMZB1519 B	00053	2023-10-12	2024-10-11	
5,00	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A, Noot	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 **Dipole Antenna** which permanently attached, and the best case gain of the antenna is **2.53 dBi**. It complies with the standard requirement.





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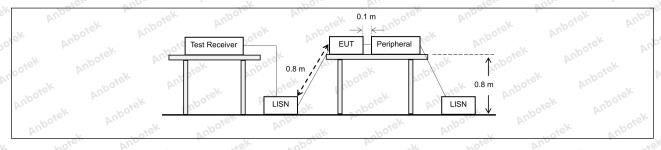
# 3. Conducted Emission at AC power line

Test Requirement:	Refer to 47 CFR 15.207(a), Except section, for an intentional radiator public utility (AC) power line, the result back onto the AC power line on are band 150 kHz to 30 MHz, shall no measured using a 50 µH/50 ohms (LISN).	that is designed to be con adio frequency voltage tha ny frequency or frequencie t exceed the limits in the f	nnected to the at is conducted es, within the following table, as			
shotek Anbore	Frequency of emission (MHz)	Conducted limit (dBµV)				
Ans sek społek	Anbore Anbore	Quasi-peak	Average			
Anbore Arr.	0.15-0.5	66 to 56*	56 to 46*			
Test Limit:	0.5-5 tek nbote Am	56 Borel An	46			
Ant both	5-30 And State of Sta	60	50 reh			
k Wupoug Wu.	*Decreases with the logarithm of the frequency.					
Test Method:	ANSI C63.10-2020 section 6.2	Projek Auporen	Ans			
Procedure:	Refer to ANSI C63.10-2020 section line conducted emissions from un					

# 3.1. EUT Operation

Operating Envi	ronment:	Aupo, Ok	Projek	Anbore	And	Anborek	Anbo.
Test mode:	hopping) w 2: TX-π/4-I (non-hoppi 3: TX-8DP	rith GFSK mo DQPSK (Nor ng) with π/4-	odulation. n-Hopping): K -DQPSK mod oping): Keep	eep the EU lulation.	ontinuously tran T in continuous continuously tra	ly transmittin	g mode

### 3.2. Test Setup





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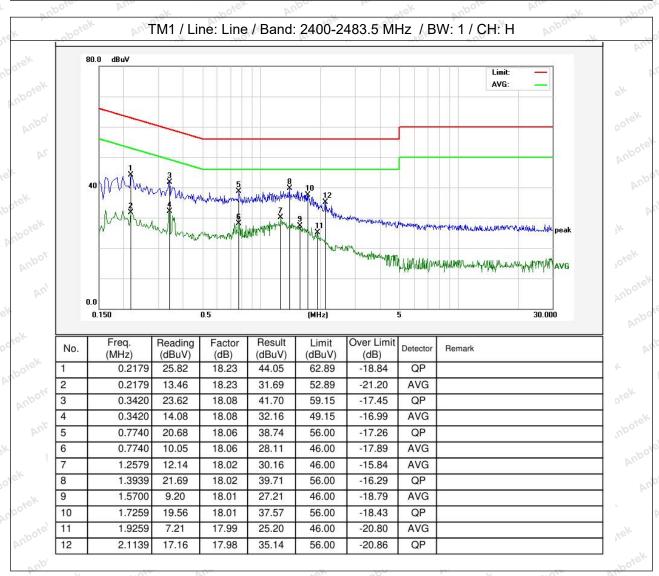
400-003-0500



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### 3.3. Test Data

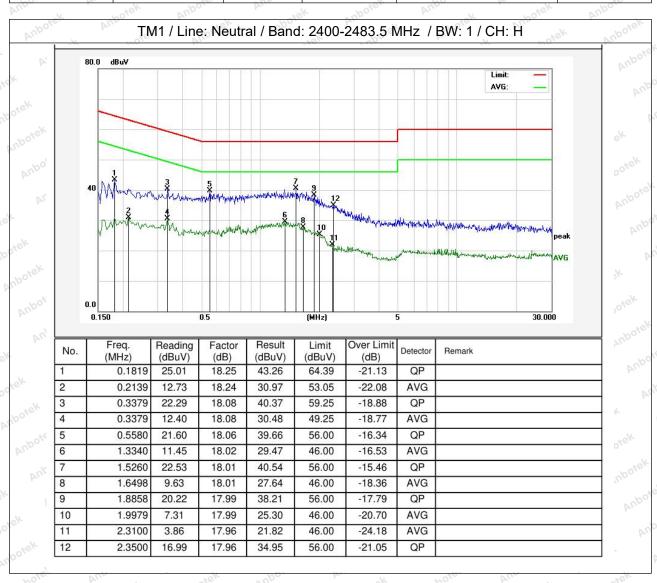
Temperature: 2	22.6 °C	Humidity:	52 %	Atmospheric Pressure:	101 kPa
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Temperature: 22.6 °C Humidity: 52 % Atmospheric Pressure: 101 kPa



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:	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
nbotek Anbotek Anbotek Anbotek Anbotek	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. 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
Procedure:	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. d) Step a) through step c) might require iteration to adjust within the specified range.
Anbotek Anbotek Anbo	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.
	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 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 Environment:

1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-

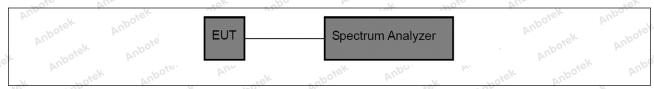
hopping) with GFSK modulation.

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

3: TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-

hopping) with 8DPSK modulation.

### 4.2. Test Setup



### 4.3. Test Data

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







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# 5. Maximum Conducted Output Power

Refer to 47 CFR 15.247(b)(1), For frequency hopping systes the 2400-2483.5 MHz band employing at least 75 non-over channels, and all frequency hopping systems in the 5725-5 watt. For all other frequency hopping systems in the 2400-20.125 watts.  Test Method:  ANSI C63.10-2020, section 7.8.5 KDB 558074 D01 15.247 Meas Guidance v05r02  This is an RF-conducted test to evaluate maximum peak or a direct connection between the antenna port of the unlicer device and the spectrum analyzer, through suitable attenual hopping shall be disabled for this test. Use the following sp settings: a) Span: Approximately five times the 20 dB bandwidth, cerhopping channel. b) RBW > 20 dB bandwidth of the emission being measure c) VBW ≥ RBW. d) Sweep: No faster than coupled (auto) time. e) Detector function: Peak. f) Trace: Max-hold. g) Allow trace to stabilize. h) Use the marker-to-peak function to set the marker to the	apping hopping 350 MHz band: 1 483.5 MHz band: tput power. Use sed wireless
This is an RF-conducted test to evaluate maximum peak of a direct connection between the antenna port of the unlicer device and the spectrum analyzer, through suitable attenual hopping shall be disabled for this test. Use the following sp settings:  a) Span: Approximately five times the 20 dB bandwidth, cell hopping channel. b) RBW > 20 dB bandwidth of the emission being measure c) VBW ≥ RBW. d) Sweep: No faster than coupled (auto) time. e) Detector function: Peak. Procedure:  f) Trace: Max-hold. g) Allow trace to stabilize.	sed wireless
a direct connection between the antenna port of the unlicer device and the spectrum analyzer, through suitable attenual hopping shall be disabled for this test. Use the following sp settings:  a) Span: Approximately five times the 20 dB bandwidth, cell hopping channel. b) RBW > 20 dB bandwidth of the emission being measure c) VBW ≥ RBW. d) Sweep: No faster than coupled (auto) time. e) Detector function: Peak. f) Trace: Max-hold. g) Allow trace to stabilize.	sed wireless
Procedure:  f) Trace: Max-hold. g) Allow trace to stabilize.	ectrum analyzer
emission.	peak of the
i) The indicated level is the peak output power, after any converted attenuators and cables.	
<ul> <li>j) A spectral plot of the test results and setup description she the test report.</li> <li>NOTE—A peak responding power meter may be used, who meter and sensor system video bandwidth is greater than to bandwidth of the unlicensed wireless device, rather than a analyzer.</li> </ul>	

# 5.1. EUT Operation

Operating Envi	ronment:	Anbore	Vu., Polsk	Aupolek	Aupo	abořek
Test mode:	1: TX-GFSK (Nor hopping) with GF 2: TX-π/4-DQPSI (non-hopping) wit 3: TX-8DPSK (No hopping) with 8D	SK modulation Κ (Non-Hoppir th π/4-DQPSK on-Hopping): k	n. ng): Keep the E ( modulation. Keep the EUT i	UT in contin	uously transm	itting mode

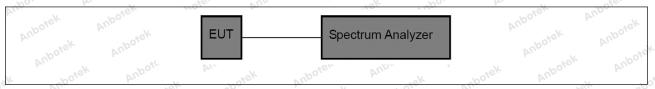






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### 5.2. Test Setup



### 5.3. 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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# 6. Channel Separation

Test Requirement:	47 CFR 15.247(a)(1)
Test Limit:  Anbotek  Anbotek  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 KDB 558074 D01 15.247 Meas Guidance v05r02
Anbotek Anbotek  Anbotek Anbotek  Anbotek Anbotek  Anbotek Anbotek  Anbotek Anbotek	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. d) Sweep: No faster than coupled (auto) time.
Procedure:	e) Detector function: Peak. f) Trace: Max-hold. g) Allow the trace to stabilize.
Potek Pupotek	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

_3	Operating Envir	ronment:
70,	Test mode:	<ul> <li>4: TX-GFSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,.</li> <li>5: TX-π/4-DQPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with π/4-DQPSK modulation.</li> <li>6: TX-8DPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with 8DPSK modulation.</li> </ul>

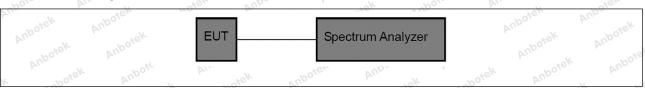






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### 6.2. Test Setup



### 6.3. 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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# 7. Number of Hopping Frequencies

ap	20,			- 000°		
Test Requirement:	47 CFR 15	5.247(a)(1)(iii)	Anbo.	h. shotek	Anbore	Ansotek
Test Limit:	2483.5 MF occupancy period of 0 employed. transmissi	T CFR 15.247( Iz band shall u on any chanr 0.4 seconds mu Frequency ho ons on a particuls are used.	ise at least 15 nel shall not be ultiplied by the opping system	channels. The greater than number of he may avoid o	ne average ti n 0.4 seconds opping chan or suppress	me of s within a nels
Test Method:		.10-2020, sect 74 D01 15.247		nce v05r02	Aupotek	Anbotek
Anbotek	spectrum a a) Span: T channels t range of o be clearly b) RBW: T	o identify clear channel spac	gs: pand of operatorits, it could s multiple spa	tion. Dependi be necessary ns, to allow th al channels,	ng on the nu to divide the ne individual set the RBW	mber of e frequency channels to to less than
Procedure:	d) Sweep: e) Detecto f) Trace: M	No faster than r function: Pea	ak.ek Anbo	o) time.		
Anbotek Anbotek  Anbotek Anbotek	all of the h regulatory	ove necessary opping freque limit shall be o ot of the datas	ncies. Complia letermined for	ance of an El the number	JT with the a of hopping ch	ppropriate

# 7.1. EUT Operation

Operating En	vironment:
Test mode:	<ul> <li>4: TX-GFSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,.</li> <li>5: TX-π/4-DQPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with π/4-DQPSK modulation.</li> <li>6: TX-8DPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with 8DPSK modulation.</li> </ul>

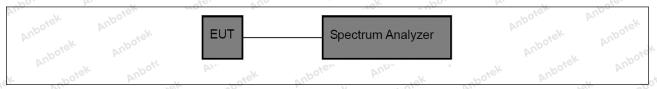






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### 7.2. Test Setup



### 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

Test Paguirement:	47 CER 15 247(a)(4)(iii)
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 7.8.4 KDB 558074 D01 15.247 Meas Guidance v05r02
ek 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.
	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.
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.
	por Ar stek upoter And Ck hotek Anbor
	Use the following spectrum analyzer settings to determine the dwell time per
	hop: Anborek Anborek Anborek Anborek
	<ul> <li>a) Span: Zero span, centered on a hopping channel.</li> <li>b) RBW shall be ≤ channel spacing and where possible RBW should be set &gt;&gt; 1 / T, where T is the expected transmission time per hop.</li> </ul>
	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. 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..

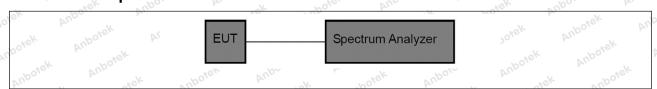
with GFSK modulation

Test mode:

5: TX- $\pi$ /4-DQPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with  $\pi$ /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:	25.5 °C	Humidity:	47 %	Atmospheric Pressure:	101 kPa
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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 Anbotek  Anbotek Anbotek  Test Limit: 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
nbotek Anbotek Anbotek Anbotek Anbotek Anbote Anbotek Anbote	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.
hotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	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.
Procedure: potek Anbotek Anbotek Anbotek Anbotek 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 provided.
Anbotek	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 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.

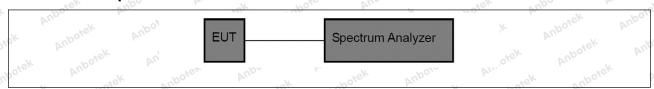
### 9.1. EUT Operation

### Operating Environment:

- 1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation.
- 2:  $TX-\pi/4$ -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 (non-hopping) with 8DPSK modulation.
- 4: TX-GFSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation..
  - 5: TX- $\pi$ /4-DQPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with  $\pi$ /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:	25.5 °C	Anbo Hun	nidity: 47 %	Aupote	Atmospheric Pressure:	101 kPa
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Please Refer to Appendix for Details.







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# 10. Band edge emissions (Radiated)

NO N	~0, by,	7610	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
Test Requirement:	restricted bands, as defined	In addition, radiated emissions in § 15.205(a), must also comp	ly with the
Vupo, Vupo,	Frequency (MHz)	ecified in § 15.209(a)(see § 15.2 Field strength	Measurement
	schen And	(microvolts/meter)	distance (meters)
	0.009-0.490	2400/F(kHz)	300 mboto
poter Anbo	0.490-1.705	24000/F(kHz)	30 Stek
	1.705-30.0	30° kek	30 And
	30-88	100 **	3,ek note
	88-216	150 **	3
	216-960	200 **	3 boten And
Aupor Ar.	Above 960	500 And	3 rek and
	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 90 kHz, 110–490 kHz and a	ragraph (g), fundamental emissing under this section shall not be z, 76-88 MHz, 174-216 MHz or these frequency bands is permitting 15.231 and 15.241.  The tighter limit applies at the bein the above table are based on beak detector except for the frequency 1000 MHz. Radiated emisted on measurements employing	e located in the 470-806 MHz. sed under other band edges. measurements uency bands 9– ssion limits in
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		sk Aupotek
Procedure:	ANSI C63.10-2020 section	6.10.5.2	or Am

# 10.1. EUT Operation

Operating Envir	onment:
Test mode:	<ol> <li>TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation.</li> <li>TX-π/4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with π/4-DQPSK modulation.</li> <li>TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.</li> </ol>

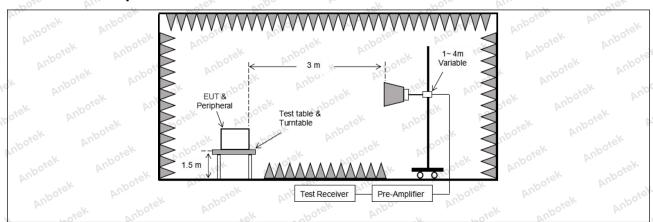






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### 10.2. Test Setup



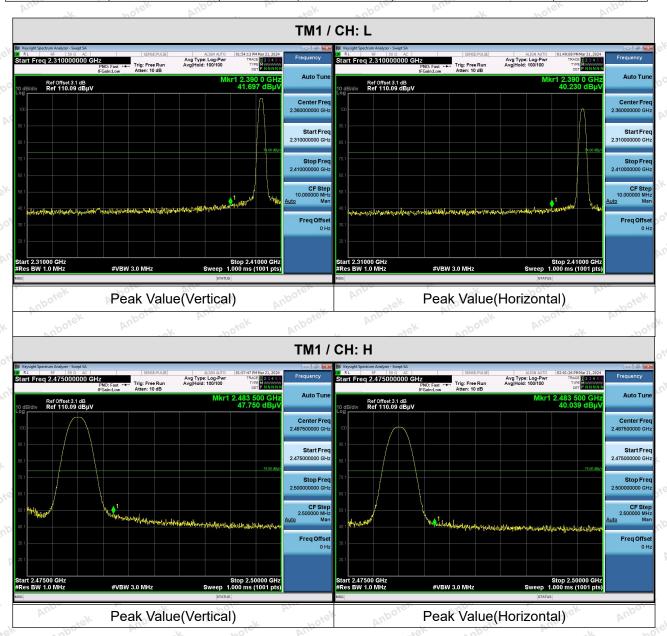




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### 10.3. Test Data

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



#### Note:

- 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)

Test Requirement:		ed in § 15.205(a), must also con pecified in § 15.209(a)(see § 15	
ek Anbotek Anbo	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
	0.009-0.490	2400/F(kHz)	ek 300 Mpore
Joseph And	0.490-1.705	24000/F(kHz)	30
	1.705-30.0	30	50 And
	30-88	100 **	3,ek anbor
	88-216	150 **	N 3
	216-960	200 **	3 pore An
	Above 960	500	3
Test Limit:	** Except as provided in p intentional radiators opera frequency bands 54-72 M	aragraph (g), fundamental emis ting under this section shall not Hz, 76-88 MHz, 174-216 MHz o	be located in the or 470-806 MHz.
Test Limit: otek Andorek Andor	** Except as provided in printentional radiators operative frequency bands 54-72 M However, operation within sections of this part, e.g., In the emission table about The emission limits shown employing a CISPR quasi 90 kHz, 110–490 kHz and	aragraph (g), fundamental emis ting under this section shall not Hz, 76-88 MHz, 174-216 MHz o these frequency bands is perm	be located in the or 470-806 MHz. itted under other band edges. In measurements equency bands 9-nission limits in
Test Limit:	** Except as provided in p intentional radiators operative frequency bands 54-72 M However, operation within sections of this part, e.g., In the emission table about the emission limits shown employing a CISPR quasity 90 kHz, 110–490 kHz and these three bands are based on the section of the	aragraph (g), fundamental emisiting under this section shall not Hz, 76-88 MHz, 174-216 MHz of these frequency bands is permissed in the above table are based of the above table are based of the free above 1000 MHz. Radiated emised on measurements employing 16.6.4	be located in the or 470-806 MHz. itted under other band edges. In measurements equency bands 9-nission limits in

# 11.1. EUT Operation

Operating Envir	onment:
Test mode:	<ol> <li>TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation.</li> <li>TX-π/4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with π/4-DQPSK modulation.</li> <li>TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.</li> </ol>

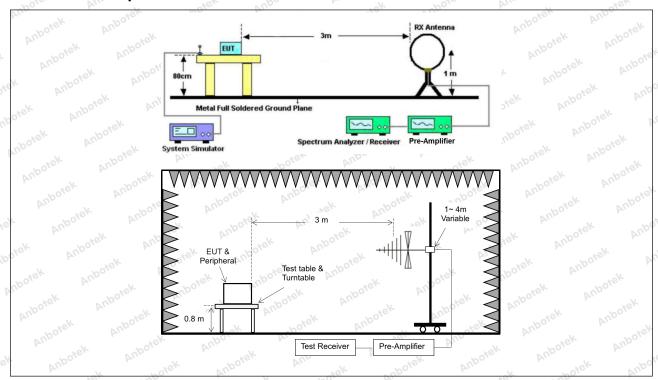






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### 11.2. Test Setup





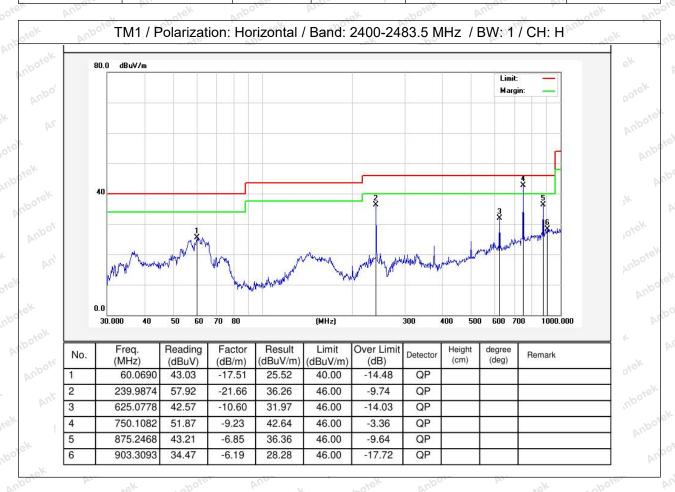


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### 11.3. Test Data

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

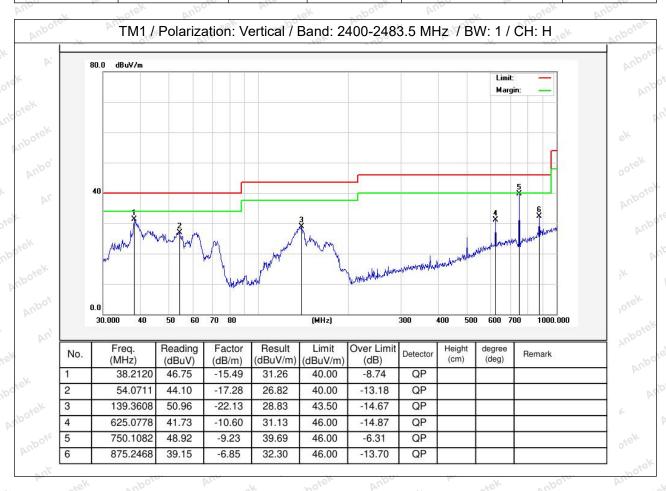
Temperature:	23.6 °C	Humidity:	51 %	Atmosphe	eric Pressure:	101 kPa





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Temperature: 23.6 °C Humidity: 51 % Atmospheric Pressure: 101 kPa



Note:Only record the worst data in the report.







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

who were abover	In addition, radiated emissi	ons which fall in the restricted ba	ands as defined
Test Requirement:	in § 15.205(a), must also co	omply with the radiated emissior	
Aupo. A.	in § 15.209(a)(see § 15.205	1, 10, 10,	i. Yek "Opc
Anbotek Anbo	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
Ans Stek	0.009-0.490	2400/F(kHz)	300
shorek Anbo	0.490-1.705	24000/F(kHz)	30
in shotek	1.705-30.0	30	30
Anbore Air	30-88	100 **	3,ek abote
potek Anbo.	88-216	150 **	3
Aur spote	216-960	200 **	3 botel And
Anbore All	Above 960	500 MANDO	3
botek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	frequency bands 54-72 MH However, operation within to sections of this part, e.g., § In the emission table above The emission limits shown employing a CISPR quasi-page 110-490 kHz and a section with the section of the emission limits of the emission limits shown employing a CISPR quasi-page 110-490 kHz and a section with the emission limits and a section with the emission limits and the emission limits are section with the emission limits and the emission limits are section within the emission limits are section with the emission with	ing under this section shall not be 2, 76-88 MHz, 174-216 MHz or these frequency bands is permit § 15.231 and 15.241.  In the tighter limit applies at the being the above table are based on the detector except for the frequency above 1000 MHz. Radiated emisted on measurements employing	470-806 MHz. ted under other pand edges. measurements luency bands 9– ssion limits in
ootek Anbo	100, by	ok hotek kubu	- 10k
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		
	-100		

# 12.1. EUT Operation

Operating Envir	onment:
Test mode:	<ol> <li>TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation.</li> <li>TX-π/4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with π/4-DQPSK modulation.</li> <li>TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.</li> </ol>

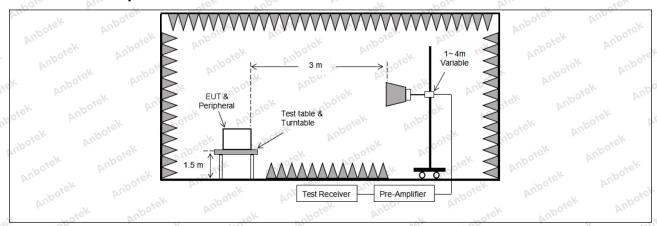






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### 12.2. Test Setup







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## 12.3. Test Data

Temperature: 23.6 °C Humidity: 51 % Atmospheric Pressure: 101 kPa

b.	Poles. Yun	· · · · · · · · · · · · · · · · · · ·	yek rupo,		ok bote.	Vur.
TM1 / CH: L						
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4804.00	28.30	15.27	43.57	74.00	-30.43	Vertical
7206.00	29.27	18.09	47.36	74.00	-26.64	Vertical
9608.00	30.49	23.76	54.25	74.00	-19.75	Vertical
12010.00	Aupote * At	49:	abotek Anb	74.00	otek Anbote	Vertical
14412.00	"Upo*sk	Aupo	hotek p	74.00	otek onk	Vertical
4804.00	28.58	15.27	43.85	74.00	-30.15	Horizontal
7206.00	29.87	18.09	47.96	74.00	-26.04	Horizontal
9608.00	28.72	23.76	52.48	74.00	-21.52	Horizontal
12010.00	otek * Yupo.	<i>b</i> .	lek Vupote	74.00	hotek	Horizontal
14412.00	woick* An	poter Amb	rek no	74.00	ak hore	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4804.00	17.68	15.27	32.95	54.00	-21.05	Vertical
7206.00	18.30	18.09	36.39	54.00	-17.61	Vertical
9608.00	30 19.51 pol	23.76	43.27	54.00	-10.73	Vertical
12010.00	A CALLERY	Aupoles Au	igk .	54.00	but here	Vertical o
14412.00	Anbe * sek	Spotek	Aupore A	54.00	Ipoles Aug	Vertical
4804.00	16.93	15.27	32.20	54.00	-21.80	Horizontal
7206.00	18.93	18.09	37.02	54.00	-16.98	Horizontal
9608.00	18.03	23.76	41.79	54.00	-12.21	Horizontal
12010.00	***	otek Anbot	K VU	54.00	Augo	Horizontal
14412.00	Upon * Pur	rotek ant	Oto. Vilas	54.00	ek Aupor	Horizontal



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ek Anboie	Ann	anbotek	Aupo	hoiek	Anbore A	Alek .
			ГМ1 / CH: M			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4882.00	28.32	15.42	43.74	74.00	-30.26	Vertical
7323.00	29.12	18.02	47.14	74.00	-26.86	Vertical
9764.00	29.50	23.80	53.30	74.00	-20.70	Vertical
12205.00	ek * nbotek	Anbo.	k. hotek	74.00	Aug	Vertical
14646.00	* * *	ick Aupole	Nun Ole	74.00	Aupo	Vertical
4882.00	28.28	15.42	43.70	74.00	-30.30	Horizontal
7323.00	29.86	18.02	47.88	74.00	-26.12	Horizontal
9764.00	28.42	23.80	52.22	74.00	-21.78	Horizontal
12205.00	* otek	Anboie	And	74.00	Yupo, ok	Horizontal
14646.00	Ant siek	Anbotek	Aupo	74.00	Aupolo	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4882.00	17.41	15.42	32.83	54.00	-21.17	Vertical
7323.00	18.40	18.02	36.42	54.00	-17.58	Vertical
9764.00	19.37	23.80	43.17	54.00	-10.83	Vertical
12205.00	k *nbore	N Diek	anboien	54.00	abotek	Vertical
14646.00	otek * Anbot	And	ek Spotek	54.00	A. Lotek	Vertical
4882.00	16.84	15.42	32.26	54.00	-21.74	Horizontal
7323.00	18.49	18.02	36.51	54.00	-17.49	Horizontal
9764.00	18.54	23.80	42.34	54.00	11.66	Horizontal
12205.00	anbtotek	Aupo 'Ck	abotek	54.00	otek "	Horizontal
14646.00	* "otek	Aupor	rek.	54.00	AUD	Horizontal





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		-	ГМ1 / CH: H			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4960.00	28.59	15.58	44.17	74.00	-29.83	Vertical
7440.00	29.13	17.93	47.06	74.00	-26.94	Vertical
9920.00	30.05	23.83	53.88	74.00	-20.12	Vertical
12400.00	* work	Aupoten	Vup.	74.00	Aupor	Vertical
14880.00	* Vue	rek "Upotel	Aupo.	74.00	Aupore	Vertical
4960.00	28.35	15.58	43.93	74.00	-30.07	Horizontal
7440.00	29.89	17.93	47.82	74.00	-26.18	Horizontal
9920.00	29.10	23.83	52.93	74.00	-21.07	Horizontal
12400.00	AUD *	abořek	Aupo,	74.00	Vupose, Vu	Horizontal
14880.00	W. Dorr	Pr. Notek	Anbore	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	18.53	15.58	34.11	54.00	-19.89	Vertical
7440.00	19.41	17.93	37.34	54.00	-16.66	Vertical
9920.00	19.92	23.83	43.75	54.00	-10.25	Vertical N
12400.00	k * "potek	Anbo.	hotek	54.00	Aug Jek	Vertical
14880.00	* * *	sk Aupore	Aug	54.00	Anbo	Vertical
4960.00	18.28	15.58	33.86	54.00	-20.14	Horizontal
7440.00	19.86	17.93	37.79 M	54.00	-16.21	Horizontal
9920.00	18.44	23.83	42.27	54.00 And	+11.73	Horizontal
12400.00	* tok	Aupoles	Aug.	54.00	Upo. br.	Horizontal
14880.00	An*	bolek	Anbo	54.00	Upole b	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\_BT&WLAN

### 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 -----

