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FCC Test Report

Applicant Iton Technology Corp.

Room 1302, Block A, Building 4, Tianan Cyber **Address**

Park, Huangge North Road, Longgang District,

Shenzhen, Guangdong, China

Wi-Fi + BT Combo Module **Product Name**

: Jul. 25, 2024 **Report Date**

Shenzhen Anbotek Con Anbotek



ce/Laboratory Limited









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TEST REPORT

Iton Technology Corp. Applicant

Iton Technology Corp. Manufacturer

Wi-Fi + BT Combo Module **Product Name**

AW55U1-50B1, AW55U1-50B2, AW55U Model No.

AW55U1-50B5

Trade Mark

Input: DC 3.3V Rating(s)

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.

рате от кесеірт:	Jun. 19, 2024
otek Anbotek Anbot An Antotek Ant	
Date of Test:	Jun. 19, 2024 to Jul. 17, 2024
	Tu 7u Hong
Prepared By:	Anbore Ant
	(TuTu Hong)
	Idward pan
Approved & Authorized Signer:	potek Anbore All tek abotek
	(Edward Pan)





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Revision History

	Report Version	Description	Issued Date
	Anbore R00 potek Ant	Original Issue.	Jul. 25, 2024
9,	Anbotek Anbotek	Anbotek Anbotek Anbotek	K Anbotek Anbotek Anb
10	or Anbotek Anbotek	Anbotek Anbotek Anbot	otek Anbotek Anbotek





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1. General Information

1.1. Client Information

Applicant	: Iton Technology Corp.
Address	Room 1302, Block A, Building 4, Tianan Cyber Park, Huangge North Roa Longgang District, Shenzhen, Guangdong, China
Manufacturer	: Iton Technology Corp.
Address	Room 1302, Block A, Building 4, Tianan Cyber Park, Huangge North Road Longgang District, Shenzhen, Guangdong, China
Factory	: Iton Technology Corp.
Address	Room 1302, Block A, Building 4, Tianan Cyber Park, Huangge North Roa Longgang District, Shenzhen, Guangdong, China

1.2. Description of Device (EUT)

ter and		ak bor Arr aren und ak
Product Name	:	Wi-Fi + BT Combo Module
Model No.	:	AW55U1-50B1, AW55U1-50B2, AW55U1-50B3, AW55U1-50B4, AW55U1-50B5 (Note: All samples are the same except the model number and shield-can laser engraving information, PCB silk printing information, PCB solder mask color, so we prepare 'AW55U1-50B1' for test only.)
Trade Mark	:	N/A And tek Inbotek Anbotek Anbotek Anbotek Anbotek
Test Power Supply	:	DC 3.3V via Debug board
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/A ote Amborek Anborek Anborek Anborek Anborek
RF Specification		
Operation Frequency	:	2402MHz to 2480MHz
Number of Channel	:	79 And Dorek Anborek Anborek Anborek Anborek
Modulation Type	:	GFSK, π/4 DQPSK, 8DPSK
Antenna Type	:	Dipole Antenna
Antenna Gain(Peak)	:	2.53dBi

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.
	Acer Computer	And acer Anbotek	N19W3	2020AJ3862
2,0	Acer Computer Adapter	Lite-On Technology Corporation	PA-1650-58	KP06503020





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1.4. Operation channel list

Operation Band:

aliu.	br.	roje.	VUP	You	2p0.	hr.
Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
2402	20 000	2422	40	2442,000	60	2462
2403	21 nd	ote ^k 2423 kn ^{bo}	41	otel 2443 And	61 And	2463
2404	22	2424	42	2444	62 f	2464
2405	23	2425	43	2445	63	2465
2406	24 rek	2426	44	2446	64	2466
2407	25	2427	45	2447	65 both	2467
2408 (botto	26	2428 ANDO	46 Anbo	2448	iek 66 Pup	2468
2409 M	27	2429	o ^{tel} 47 An	2449	botel 67	2469
2410	28	2430	48	2450	68	2470
2411	29 And 29	2431	49	2451	69	2471
2412	30	2432	50	2452	70 botek	2472
2413	31 ^{mb}	2433	K 51 _{Anbot}	2453	ek 71 Anbo	2473
2414	32 And	2434	otek 52 Ant	2454	otek72	2474
2415	100 ¹⁰ 33	2435	53	2455	73	2475
2416	34	2436	54	2456	74	2476
2417	35	2437	55	2457	75 of the K	2477
2418	36	2438	56 nbote	2458	76	2478
2419	ek 37 Anbo	2439	otek 57 Anb	2459	77 T	otel 2479 pho
2420	orek 38 M	2440	58	2460	78	2480
2421	39	2441	59	2461	Aupo.	, upotek
	Frequency (MHz) 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420	Frequency (MHz) Channel 2402 20 2403 21 2404 22 2405 23 2406 24 2407 25 2408 26 2409 27 2410 28 2411 29 2412 30 2413 31 2414 32 2415 33 2416 34 2417 35 2418 36 2419 37 2420 38	Frequency (MHz) Channel Frequency (MHz) 2402 20 2422 2403 21 2423 2404 22 2424 2405 23 2425 2406 24 2426 2407 25 2427 2408 26 2428 2409 27 2429 2410 28 2430 2411 29 2431 2412 30 2432 2413 31 2433 2414 32 2434 2415 33 2435 2416 34 2436 2417 35 2437 2418 36 2438 2419 37 2439 2420 38 2440	Frequency (MHz) Channel Frequency (MHz) Channel 2402 20 2422 40 2403 21 2423 41 2404 22 2424 42 2405 23 2425 43 2406 24 2426 44 2407 25 2427 45 2408 26 2428 46 2409 27 2429 47 2410 28 2430 48 2411 29 2431 49 2412 30 2432 50 2413 31 2433 51 2414 32 2434 52 2415 33 2435 53 2416 34 2436 54 2417 35 2437 55 2418 36 2438 56 2419 37 2439 57 2420 38	Frequency (MHz) Channel Frequency (MHz) Channel Frequency (MHz) 2402 20 2422 40 2442 2403 21 2423 41 2443 2404 22 2424 42 2444 2405 23 2425 43 2445 2406 24 2426 44 2446 2407 25 2427 45 2447 2408 26 2428 46 2448 2409 27 2429 47 2449 2410 28 2430 48 2450 2411 29 2431 49 2451 2412 30 2432 50 2452 2413 31 2433 51 2453 2414 32 2434 52 2454 2415 33 2435 53 2455 2416 34 2436 54 2456	Frequency (MHz) Channel (MHz) Frequency (MHz) Channel (MHz) Chanle (MHz) Chanle (MHz) Chanle (MHz) Chanle





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1.5. Description of Test Modes

Pretest Modes	Descriptions
Anborek TM1nboren A	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.
otek Anborek	Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.
Inbotes And TM4 And	Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,.
Anborek TM5 borek Ar	Keep the EUT in continuously transmitting mode (hopping) with $\pi/4$ 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 rek Anborek Anborek
Conducted Output Power	0.76dB porek Anborek Anborek
Conducted Spurious Emission	1.24dB hotek Anbout Anbout
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	W. Apotek / Aupoter	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
Channel Separation	Mode4,5,6	Tupo. Pr
Number of Hopping Frequencies	Mode4,5,6	Anb P rek
Dwell Time	Mode4,5,6	PP of
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	upore P
Emissions in frequency bands (above 1GHz)	Mode1,2,3	Anbor P
Note: P: Pass N: N/A not applicable	Anbotek Anbotek	Anbore

N: N/A, not applicable





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1.8. Description of Test Facility

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

FCC-Registration No.:434132

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

ISED-Registration No.: 8058A

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

Test Location

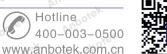
Shenzhen Anbotek Compliance Laboratory Limited.

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	Aupord	k Pur	Anboten	Aupo
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	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
1	Constant 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	102150	2024-05-06	2025-05-05
4 nb	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY505318 23	2024-02-22	2025-02-21
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

Hotline



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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	102150	2024-05-06	2025-05-05
*e ¹ 7	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2024-05-07	2025-05-06

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 2.53dBi . It complies with the standard requirement.





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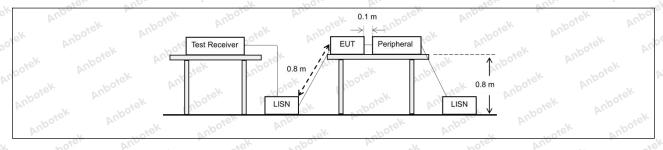
3. Conducted Emission at AC power line

Test Requirement:	Refer to 47 CFR 15.207(a), Exce section, for an intentional radiator public utility (AC) power line, the back onto the AC power line on a band 150 kHz to 30 MHz, shall no measured using a 50 µH/50 ohm (LISN).	r that is designed to be cor radio frequency voltage tha ny frequency or frequencient ot exceed the limits in the f	nnected to the at is conducted es, within the following table, as	
boick Anbor	Frequency of emission (MHz)	Conducted limit (dBµV)		
Yu. Spotek	Anbon Anbon	Quasi-peak	Average	
Aupor Air.	0.15-0.5	66 to 56*	56 to 46*	
Test Limit:	0.5-5	56, botek Ar	46	
Vu. Vek Jpo	5-30 And San	60	50 And	
Aupor K Air	*Decreases with the logarithm of	the frequency.		
Test Method:	ANSI C63.10-2020 section 6.2	h. Anboies	And	
Procedure:	Refer to ANSI C63.10-2020 sectiline conducted emissions from ur			

3.1. EUT Operation

Operating Envi	ronment:	Aupo, ok	bojek .	Aupote,	And	nboiek	Anborr
Test mode:	hopping) w 2: TX-π/4-I (non-hoppi 3: TX-8DP	rith GFSK ma DQPSK (Nor ng) with π/4	odulation. n-Hopping): K DQPSK mod oping): Keep	eep the EU ulation.	ontinuously tran T in continuousl continuously tra	ly transmittino	g mode

3.2. Test Setup





Hotline

www.anbotek.com.cn

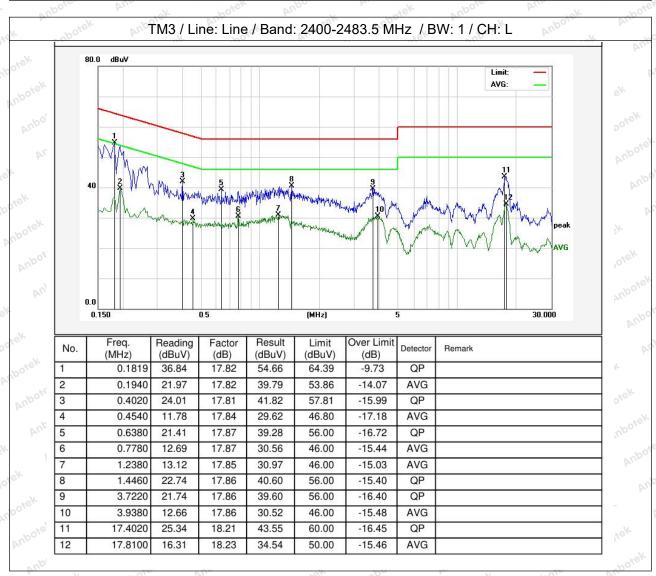
400-003-0500



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3.3. Test Data

Temperature: 25	5.5 °C Humidity:	47 %	Atmospheric Pressure:	101 kPa	
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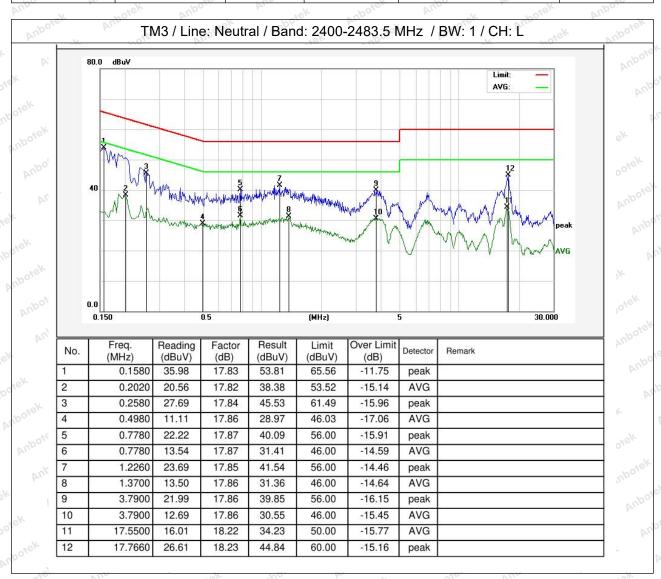






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Temperature: 25.5 °C Humidity: 47 % Atmospheric Pressure: 101 kPa



Note: Only record the worst data in the report.







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4. Occupied Bandwidth

alter	to 47 CFR 15.215(c), intentional radiators operating under the ative provisions to the general emission limits, as contained in §§
may equi	7 through 15.257 and in subpart E of this part, must be designed to e that the 20 dB bandwidth of the emission, or whatever bandwidth therwise be specified in the specific rule section under which the ment operates, is contained within the frequency band designated in le section under which the equipment is operated.
Test Method: use	C63.10-2020, section 7.8.6, For occupied bandwidth measurements, e procedure in 6.9.3. Frequency hopping shall be disabled for this test. 558074 D01 15.247 Meas Guidance v05r02
lowe to 0. proc a) TI frequ	ccupied bandwidth is the frequency bandwidth such that, below its and above its upper frequency limits, the mean powers are each equal of the total mean power of the given emission. The following dure shall be used for measuring 99% power bandwidth: instrument center frequency is set to the nominal EUT channel center ency. The frequency span for the spectrum analyzer shall be between the sand 5.0 times the OBW.
5% cothe	e nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to the OBW, and VBW shall be at least three times the RBW, unless vise specified by the applicable requirement. the reference level of the instrument as required, keeping the signal
gene (OB) 4.1.6	exceeding the maximum input mixer level for linear operation. In al, the peak of the spectral envelope shall be more than [10 log //RBW)] below the reference level. Specific guidance is given in 2. p a) through step c) might require iteration to adjust within the
Procedure: spec e) Vi singl	ied range. eo averaging is not permitted. Where practical, a sample detection and sweep mode shall be used. Otherwise, peak detection and max-hold
f) Us	(until the trace stabilizes) shall be used. the 99% power bandwidth function of the instrument (if available) and the measured bandwidth. he instrument does not have a 99% power bandwidth function, then the
trace The place	data points are recovered and directly summed in linear power terms. ecovered amplitude data points, beginning at the lowest frequency, are in a running sum until 0.5% of the total is reached; that frequency is
total power	led as the lower frequency. The process is repeated until 99.5% of the s reached; that frequency is recorded as the upper frequency. The 99% bandwidth is the difference between these two frequencies.
the r	e occupied bandwidth shall be reported by providing spectral plot(s) of easuring instrument display; the plot axes and the scale units per on shall be clearly labeled. Tabular data may be reported in addition to of(s)

4.1. EUT Operation

Operating Environment:







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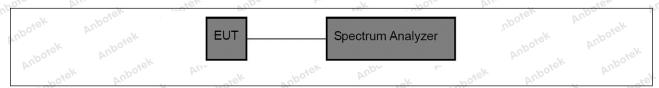
1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation.

Test mode:

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.

4.2. Test Setup



4.3. Test Data

Temperature:	25.5 °C	Humidity:	47 %	Atmospheric Pressure:	101 kPa
Moniporataro.	20.0	i idiliidity.	10	7 tanioophonono i roccaro.	101 Kill







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5. Maximum Conducted Output Power

Test Requirement:	47 CFR 15.247(b)(1)
Test Limit: 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 KDB 558074 D01 15.247 Meas Guidance v05r02
Anbotek Anbotek Anbotek Anbotek botek Anbotek Anbotek Anbotek Anbotek Anbotek 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: a) Span: Approximately five times the 20 dB bandwidth, centered on a hopping channel. b) RBW > 20 dB bandwidth of the emission being measured. 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. h) Use the marker-to-peak function to set the marker to the peak of the emission.
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	i) The indicated level is the peak output power, after any corrections for external attenuators and cables. j) A spectral plot of the test results and setup description shall be included in the test report. 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

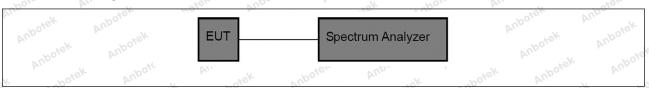
Operating Envi	ronment:	Anbore	Aur	Aupolek	Aupo *ek	potek
Test mode:	1: TX-GFSK (Non-hopping) with GFS 2: TX-π/4-DQPSK (non-hopping) with 3: TX-8DPSK (Non-hopping) with 8DPS	K modulation. (Non-Hopping π/4 DQPSK r -Hopping): Ke	g): Keep the E modulation. eep the EUT ir	UT in contin	uously transm	itting mode





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5.2. Test Setup



5.3. Test Data

Temperature:	25.5 °C	Humidity:	47 %	Atmospheric Pressure:	101 kPa
. 2/0.12 2 : 2:12:12.12.1	=0.0		11 1/2	, m	10.111





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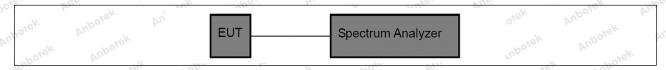
6. Channel Separation

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

Operating Envi	ronment: Anboret Anboret Anboret Anboret Anboret
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



6.3. Test Data

reinperature. 25.5 C Frumidity. 47 % Atmospheric Fressure. 101 kFa		Temperature:	25.5 °C	Humid	ity: 47 %	Atmospheric Pressure:	101 kPa
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7. Number of Hopping Frequencies

Test Requirement:	47 CFR 15.247(a)(1)(iii)
Test Limit: Anbotek 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 7.8.3 KDB 558074 D01 15.247 Meas Guidance v05r02
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Procedure:	The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings: a) Span: The frequency band of operation. Depending on the number of channels the device supports, it could be necessary to divide the frequency range of operation across multiple spans, to allow the individual channels to be clearly seen. b) RBW: To identify clearly the individual channels, set the RBW to less than 30% of the channel spacing or the 20 dB bandwidth, whichever is smaller. c) VBW ≥ RBW. d) Sweep: No faster than coupled (auto) time.
tek Anbotek Anbr	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	conment: otek Anbotek Anbotek Anbotek Anbotek An
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.

7.2. Test Setup

1/94	700,	b.,	10,	. Wh.		-VL	700,	br.
npor			FUT	Spectr	um Analyzer	6		
hotek				Specii	um Analyzei			
Arra	Lotek Lotek	D		16.		<u> </u>	rotek	VUp.

7.3. Test Data

Temperature:	25.5 °C	Humidity:	47 %	Atmospheric Pressure:	101 kPa
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8. Dwell Time

Anbor Air	poier	And	- crek	Suporc	Di.	Yes	poler
Test Requirement:	47 CFR 15.	247(a)(1)(iii) And	ek noo	tek Ant	0,0	VII.
Test Limit:	2483.5 MHz occupancy period of 0. employed.	z band shall on any char 4 seconds n Frequency h ns on a part	7(a)(1)(iii), Fouse at least anel shall no nultiplied by acpping systemicular hopping	15 channel be greater the number ems may av	s. The aver than 0.4 se of hopping oid or supp	age time econds wi channels ress	of thin a
Test Method:		0-2020, sed 4 D01 15.24	ction 7.8.4 17 Meas Gui	dance v05r0	oz _{iek} Anb	upotek	Aupotek Br.
	transmissio a single tra transmissio	n to the end nsmission ponder n. If the dev s measured	on a channe of the last to er hop then to ice has a mu from the sta	ansmission he dwell tim Iltiple transr	for that hop ne is the du nissions pe	p. If the deriversity of the read of the r	evice has hat n the
	over an obs determine t measure bo	servation per he time of o oth the dwell	is the total ti riod specified ccupancy the time per ho channel in a	d in the regue e spectrum p and the nu	ılatory requ analyzer wi umber of tin	irement. ⁻ Il be conf	To igured to
Procedure:	requirement number of of the number based on the dwell times for 1, 3 or 5	ts shall be no channels end of channels ne minimum per channe time slots)	hopping fundade with the abled. If the than comple number of complete Buttern measures and then measures and then measures and the summer of t	e minimum a dwell time p iance with th hannels. If t luetooth dev ements can	and with the per channel ne requirem he device s vices can d be limited	e maximu does not nents may supports o well on a	m vary with be different channel
otek Anbotek A	Use the foll hop:	owing spect	rum analyze	r settings to	determine	the dwell	time per
	a) Span: Ze b) RBW sha	all be ≤ char	ntered on a land	and where	possible RE		Anboren d benborel
	c) Sweep ti last transm	me: Set so t ssion for the	hat the start hop are cle	of the first to arly capture	ransmissior ed. Setting t	n and end the sweep	time to
	1/hopping r d) Use a vid the transmi	ate) should deo trigger, v ssion is clea	he hopping achieve this where possib rly observed	ole with a trig I. The trigge	gger delay, r level migh	so that th	ie start of djustment
	channel. e) Detector f) Trace: Cl	function: Pe ear-write, sir		ootek Ar	anbotek (Anbotek Anbotek	









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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:

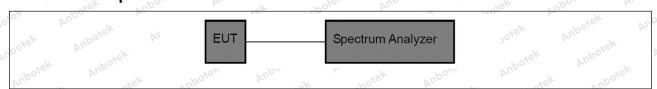
4: TX-GFSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation..

With GI SK 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

(m	Temperature:	25.5 °C	Humidity:	47 %	Atmospheric Pressure:	101 kPa
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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 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 Anbotek 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.
	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:	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.

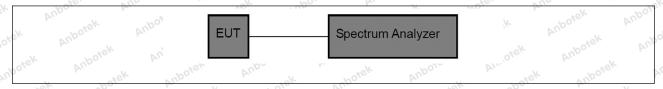
9.1. EUT Operation

Operating Environment:

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

9.2. Test Setup

Test mode:



9.3. Test Data

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







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10. Band edge emissions (Radiated)

NO N	~0, Di.	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
	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	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 oand 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:	 TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation. TX-π/4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with π/4 DQPSK modulation. TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.

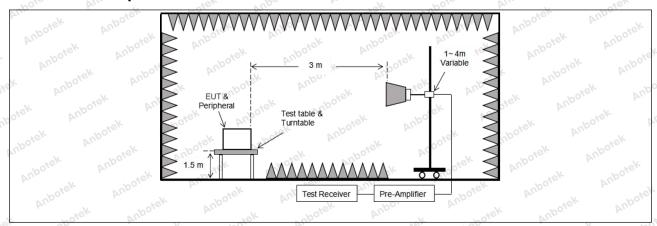






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10.2. Test Setup



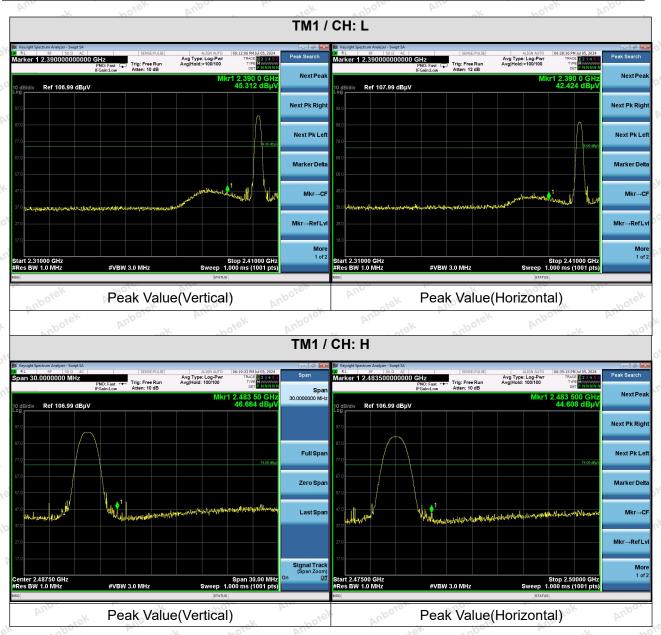




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10.3. Test Data

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



Remark

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







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11. Emissions in frequency bands (below 1GHz)

Test Requirement:	restricted bands, as defined	, In addition, radiated emissions d in § 15.205(a), must also comp ecified in § 15.209(a)(see § 15.2	ly with the
k Anbotek Anbo	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
o. Pr. Stek	0.009-0.490	2400/F(kHz)	300 Mbor
Thotek Ando	0.490-1.705	24000/F(kHz)	30
tek upojen	1.705-30.0	30° ANDO	30 And
Aupo, W. Stek	30-88	100 **	3 ek nbote
abotek Anbe	88-216	150 **	3
Air. Tek Thore	216-960	200 **	3 boten And
Test Limit:	Above 960	500 Mark Mark	3 rek onb
nbotek Anbotek Anbotek 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 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 the emission limits are section with the emission	ing under this section shall not be 12, 76-88 MHz, 174-216 MHz or otherwise frequency bands is permitted in the above table are based on beak detector except for the frequency above 1000 MHz. Radiated emisted on measurements employing	470-806 MHz. ed under other and edges. measurements uency bands 9– sion limits in
Page Map	Di.	a a sek aboven Anbo	V Stoke
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		and andrew
Procedure:	ANSI C63.10-2020 section	6.6.4 And	or All

11.1. EUT Operation

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

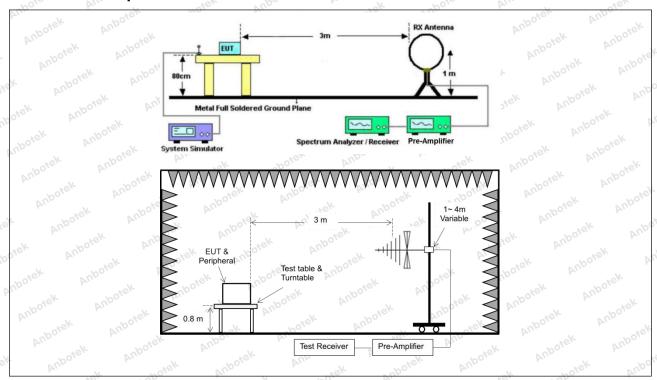






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11.2. Test Setup





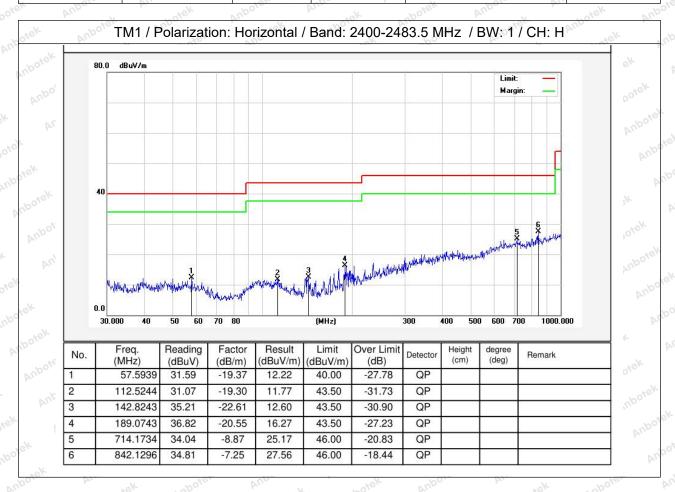


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11.3. Test Data

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

200	1/2	V4	0, 0,		164 100	~K 201
Temperature:	25.5 °C	VU	Humidity:	47 %	Atmospheric Pressure:	101 kPa

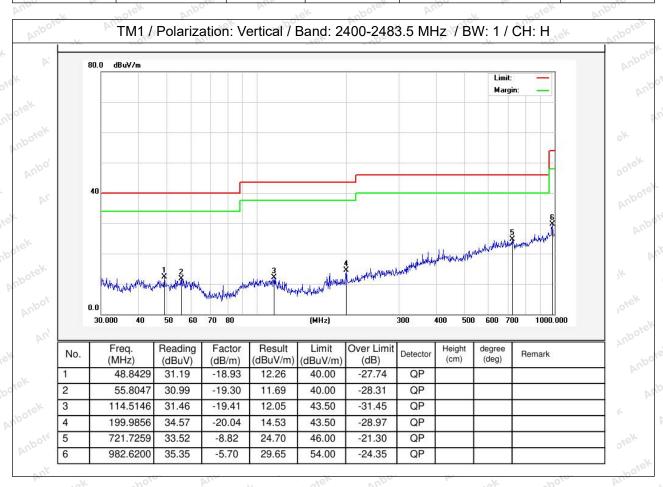






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Temperature: 25.5 °C Humidity: 47 % Atmospheric Pressure: 101 kPa



Note: Only record the worst data in the report.







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12. Emissions in frequency bands (above 1GHz)

Test Requirement:	in § 15.205(a), must also co	ons which fall in the restricted ba	
Cotek Pupotek Vul	in § 15.209(a)(see § 15.205 Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
Aupote, Augustek	0.009-0.490 0.490-1.705	2400/F(kHz) 24000/F(kHz)	300
Aupo, Aupotek	1.705-30.0	30 nbors	30
Anbotek Anbote	30-88 88-216	100 ** 150 **	3
ptek Anbotek Anb	216-960 Above 960	200 ** 500	3 Andrew
Test Limit:	intentional radiators operati	ragraph (g), fundamental emissi ng under this section shall not b z, 76-88 MHz, 174-216 MHz or 4	e located in the
Anbotek Anbotek	However, operation within t sections of this part, e.g., §	hese frequency bands is permitt § 15.231 and 15.241.	ed under other
k Anbotek Anbo	The emission limits shown	e, the tighter limit applies at the b in the above table are based on	measurements
otek Anbotes And	90 kHz, 110–490 kHz and a	peak detector except for the freq above 1000 MHz. Radiated emis	sion limits in
Whotek Aupo, W	these three bands are base detector.	ed on measurements employing	an average
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		Potek Vupotek
Procedure:	ANSI C63.10-2020 section	6.6.4 notes	Anbore And

12.1. EUT Operation

Operating Envi	ronment: Anborek Anborek Anborek Anborek
Test mode:	 TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation. TX-π/4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with π/4 DQPSK modulation. TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.

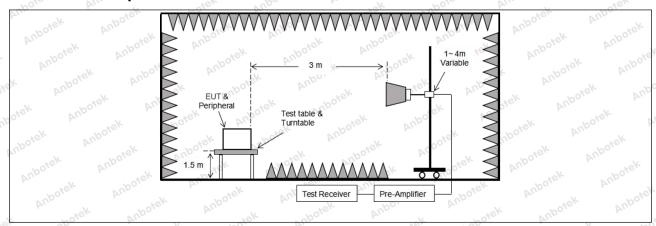






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12.2. Test Setup







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12.3. Test Data

Temperature: 25.5 °C	Humidity: 47 %	Atmospheric Pressure:	101 kPa
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And	Potek Aup	D. N.	siek suboit	Ans	ok hotek	Aupo.
		•	TM1 / CH: L			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4804.00	27.83	15.27	43.10	74.00	-30.90	Vertical
7206.00	28.88	18.09	46.97	74.00	-27.03	Vertical
9608.00	29.93	23.76	53.69	74.00	-20.31	Vertical
12010.00	Aupole * A	iek.	abotek Anb	74.00	otek Anbote	Vertical
14412.00	*Upo*sk	Anbo.	Polsk b	74.00	rick on	Vertical
4804.00	28.15	15.27	43.42	74.00	-30.58	Horizontal
7206.00	29.30	18.09	47.39	74.00	-26.61	Horizontal
9608.00	28.52	23.76	52.28	74.00	-21.72	Horizontal
12010.00	otek * Aupo	-K 20	ick Aupole	74.00	- nboiek	Horizontal
14412.00	hotek* An	DOJE VILL	stek onbo	74.00	ok hotel	Horizontal
Average value: Frequency	Reading	Factor	Result	Limit	Over Limit	
(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	polarization
4804.00	17.21	15.27	32.48	54.00	-21.52	Vertical
7206.00	17.91	18.09	36.00	54.00	-18.00	Vertical
9608.00	18.95	23.76	42.71	54.00	-11.29	Vertical
12010.00	work.	Aupote. Au	iek .	54.00	A Pr.	Vertical
14412.00	And *	, upotek	Aupo.	54.00	Pur Vue	Vertical
4804.00	16.50	15.27	31.77	54.00	-22.23	Horizontal
7206.00	18.36	18.09	36.45	54.00	-17.55	Horizontal
9608.00	17.83	23.76	41.59	54.00	-12.41	Horizontal
12010.00	-16k *	otek Wipor	-K 20,	54.00	Yun "GK	Horizontal
14412.00	4 ×	indiek ant	oto And	54.00	Ek Vupo	Horizontal



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			ГМ1 / СН: М			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4882.00	27.85	15.42	43.27	74.00	-30.73	Vertical
7323.00	28.73	18.02	46.75	74.00	-27.25	Vertical
9764.00	28.94	23.80	52.74	74.00	-21.26	Vertical
12205.00	ek * spotek	Anborr	h worek	74.00	Ans	Vertical
14646.00	*	tek Wipose	Pun de	74.00	Aupo	Vertical
4882.00	27.85	15.42	43.27	74.00	-30.73	Horizontal
7323.00	29.29	18.02	47.31	74.00	-26.69	Horizontal
9764.00	28.22	23.80	52.02	74.00	-21.98	Horizontal
12205.00	* otek	Anbore	And	74.00	YUPO, PK	Horizontal
14646.00	Ant siek	Anbotek	Aupo	74.00	Anbois	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4882.00	16.94	15.42	32.36	54.00	-21.64	Vertical
7323.00	18.01	18.02	36.03	54.00	-17.97	Vertical
9764.00	18.81	23.80	42.61	54.00	-11.39	Vertical
12205.00	k *upor	N. Siek	anbotek	54.00	borek	Vertical
14646.00	otek * Anbot	Anb	sk spojek	54.00	bu. Poick	Vertical
4882.00	16.41	15.42	31.83	54.00	-22.17	Horizontal
7323.00	17.92	18.02	35.94	54.00	-18.06	Horizontal
9764.00	18.34	23.80	42.14	54.00	11.86 M	Horizontal
12205.00	Anb*otek	Aup	abotek	54.00	"Otek Di	Horizontal
14646.00	* "otek	VUPO.	A. tek	54.00	AUD	Horizontal



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en Aug	rick	"upo,	VII.	hoter	VUD.	atek .
		٦	ГМ1 / CH: H			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4960.00	28.12	15.58	43.70	74.00	-30.30 m	Vertical
7440.00	28.74	17.93	46.67	74.00	-27.33	Vertical
9920.00	29.49	23.83	53.32	74.00	-20.68	Vertical
12400.00	* P*	anbore.	Anti-	74.00	Anbo.	Vertical
14880.00	* Vup	ek upotel	Anbo	74.00	Anbore	Vertical
4960.00	27.92	15.58	43.50	74.00	-30.50	Horizontal
7440.00	29.32	17.93	47.25	74.00	-26.75	Horizontal
9920.00	28.90	23.83	52.73	74.00	-21.27	Horizontal
12400.00	AUD * * * * * * * * * * * * * * * * * * *	abotek	Aupo, k	74.00	Anbotes An	Horizontal
14880.00	V.Apo,	hotek	Anbores	74.00	abotek	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4960.00	18.06	15.58	33.64	54.00	-20.36	Vertical
7440.00	19.02	17.93	36.95	54.00	17.05 M	Vertical
9920.00	19.36	23.83	43.19	54.00	-10.81	Vertical N
12400.00	k * spojek	Aupor	hotek	54.00	And	Vertical
14880.00	* * %01	k Auporon	Arra	54.00	Vupo,	Vertical
4960.00	17.85	15.58	33.43	54.00	-20.57	Horizontal
7440.00	19.29	17.93	37.22 M	54.00	-16.78	Horizontal
9920.00	18.24	23.83	42.07	54.00	-11.93	Horizontal
12400.00	* tek	Anbores	Vur.	54.00	po, by	Horizontal
14880.00	An*	"Upotek	Anbo	54.00	Aupole	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 -----

