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# FCC Test Report

Applicant : TESONIC INTERNATIONAL (HK) LTD.

Address Room 2801,the 28th Office Tower,6007 Shennan

Avenue, Shenzhen, China

Product Name : MVMT TWS 300MAH DIG BAT IND 14HPT

**CLEAR CHRGE** 

Report Date : Feb. 01, 2024

Shenzhen Anbotek Con Anbotek



ce Laboratory Limited









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# TEST REPORT

Applicant : TESONIC INTERNATIONAL (HK) LTD.

Manufacturer : TESONIC INTERNATIONAL (HK) LTD.

Product Name : MVMT TWS 300MAH DIG BAT IND 14HPT CLEAR CHRGE

Test Model No. : EB5601-BLK

Reference Model No. : N/A

Trade Mark : N/A

Rating(s) Case Input: 5V = 300mA(with DC 3.7V, 300mAh Battery inside)

Single Earphone Input: DC 3.7V, 40mAh Battery inside

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. 18, 2024
Date of Test:	an. 18, 2024 to Jan. 30, 2024
ek Anbotek Anbotek Anbotek	Aupo, W. William Willi
	Nian xiu Chen
Prepared By:	Ando K anbote
Anborek Anborek Anborek Anborek Anborek Anborek	(Nianxiu Chen)
Anbore Anthones Anbores Anbores	Darek Anboten Anboten
Anbore And Anborek Anborek	Idward pan
Approved & Authorized Signer:	hotek Aupol All tek
	(Edward Pan)







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# **Revision History**

Report Version	Description	Issued Date
Anbore R00 nborek An	Original Issue.	Feb. 01, 2024
W. Aupotek Aupotek	Anbotek Anbotek Anbotek	K obotek Anbotek Anb
or Anbotek Anbotek	Anbotek Anbotek Anbo.	tek anbotek Anbotek





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### 1. General Information

### 1.1. Client Information

Applicant	: TESONIC INTERNATIONAL (HK) LTD.
Address	: Room 2801,the 28th Office Tower,6007 Shennan Avenue,Shenzhen,Chi
Manufacturer	: TESONIC INTERNATIONAL (HK) LTD.
Address	: Room 2801,the 28th Office Tower,6007 Shennan Avenue,Shenzhen,Chi
Factory	: TESONIC INTERNATIONAL (HK) LTD.
Address	: Room 2801,the 28th Office Tower,6007 Shennan Avenue,Shenzhen,Chi

# 1.2. Description of Device (EUT)

Product Name	:	MVMT TWS 300MAH DIG BAT IND 14HPT CLEAR CHRGE
Test Model No.	:	EB5601-BLK
Reference Model No.	:	N/A otek Anbotek Anbotek Anbotek Anbotek Anbotek
Trade Mark	:	N/A Anborek Anborek Anborek Anborek Anborek
Test Power Supply	:	DC 5V from adapter input AC 120V/60Hz, DC 3.7V Battery inside
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/A* Anbotek Anbotek Anbotek
PO No		18677 Anborek Anborek Anborek
Age Grade		Adultorek Anborek Anborek Anborek
Country of origin		CHINA botek Anbotek Anbotek Anbotek Anbotek Anbotek
Buyer		JME & CO. NYC.LLC
RF Specification		
Operation Frequency	:	2402MHz to 2480MHz
Number of Channel	:	79 Anbotek Anbotek Anbotek Anbotek Anbotek
Modulation Type	:	GFSK, π/4 DQPSK, 8DPSK
Antenna Type	:	Ceramics Antenna
Antenna Gain(Peak)	:	1.95dBi Anbotek Anbotek Anbotek Anbotek
Remark:	-	Sk Poses Aug Skek Vulpos Aug Sk

#### Remark:

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







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### 1.3. Auxiliary Equipment Used During Test

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





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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 <sup>k</sup> 2423 kn <sup>bo</sup>	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 <sup>tel</sup> 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 <sup>mb</sup>	2433	K 51 <sub>Anbot</sub>	2453	ek 71 Anbo	2473
2414	32 And	2434	otek 52 Ant	2454	otek72	2474
2415	100 <sup>10</sup> 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 phot
2420	orel 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

# 1.5. Description of Test Modes

Pretest Modes	Descriptions
TM1 Anbotek	Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation.
TM2 Anbored	Keep the EUT in continuously transmitting mode (non-hopping) with π/4 DQPSK modulation.
Anborek TM3	Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.
Anbotek TM4 botek	Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,.
TM5	Keep the EUT in continuously transmitting mode (hopping) with $\pi/4$ DQPSK modulation.







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	.ak	TM6	Aupor	Keep the EUT in cont	inuously transmitting mo	ode (hopping) with
20		WILINIO	rode		8DPSK modulation.	

### 1.6. Measurement Uncertainty

Parameter	Uncertainty
Conducted emissions (AMN 150kHz~30MHz)	3.4dB Modek Anbotek Anbotek Anbotek
Occupied Bandwidth	925Hz Anborek Anbo
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 / Anbote	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	b	
Channel Separation	Mode4,5,6	upor Pk	
Number of Hopping Frequencies	Mode4,5,6	Anbe Prick	
Dwell Time	Mode4,5,6	P	
Emissions in non-restricted frequency bands	Mode1,2,3,4,5,6	P Pans	
Band edge emissions (Radiated)	Mode1,2,3	P An	
Emissions in frequency bands (below 1GHz)	Mode1,2,3	upore B	
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	Aupo	k spotel	Anbore	An
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
. 1	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	2023-10-12	2024-10-11
2 2 50 tek	Three Phase V- type Artificial Power Network	CYBERTEK	EM5040DT	E215040D T001	2023-07-05	2024-07-04
3	EMI Test Receiver	Rohde & Schwarz	ESCI	100627	2023-10-12	2024-10-11
4	Software Name EZ-EMC	Farad Technology	ANB-03A	N/A	rek /Anbotek	Anborotek

Occupied Bandwidth

Maximum Conducted Output Power

Channel Separation

Number of Hopping Frequencies

**Dwell Time** 

Emissions in non-restricted frequency bands

Ite	em	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
y ek	1	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ- KHWS80B	N/A M	2023-10-16	2024-10-15
noo's	2	DC Power Supply	IVYTECH	IV3605	1804D360 510	2023-10-20	2024-10-19
V.	3°'e	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	101792	2023-05-26	2024-05-25
	4. <sup>nb</sup>	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY505318 23	2023-02-23	2024-02-22
	5 P	Oscilloscope	Tektronix	MDO3012	C020298	2023-10-12	2024-10-11
No.	6	MXG RF Vector Signal Generator	Agilent	N5182A	MY474206 47	2023-02-23	2024-10-22

Hotline



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Ote.	And	otek pupo.	N. ak	-boye.	VU <sub>P</sub>	ysio
	edge emissions (Ra sions in frequency ba		Auporgoiek	Anbotek	Aupoter.	Anbotek
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1 00	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2023-10-12	2024-10-11
2	EMI Preamplifier	SKET Electronic	LNPA- 0118G-45	SKET-PA- 002	2023-10-12	2024-10-11
3	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	2022-10-16	2025-10-15
nbole 4	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	Anbotek	Aupolek
5	Horn Antenna	A-INFO	LB-180400- KF	J21106062 8	2023-10-12	2024-10-11
6	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	101792	2023-05-26	2024-05-25
e <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	2023-10-12	2024-10-11
. 2	Pre-amplifier	SONOMA	310N	186860	2023-10-12	2024-10-11
34	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	2022-10-23	2025-10-22
Andorel	Loop Antenna (9K- 30M)	Schwarzbeck	FMZB1519 B	00053	2023-10-12	2024-10-11
5,00	EMI Test Software EZ-EMC	SHURPLE	N/A nbor	N/A.cbott	Nupon pole	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 Ceramics Antenna which permanently attached, and the best case gain of the antenna is 1.95dBi . It complies with the standard requirement.





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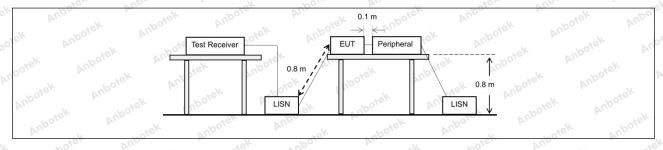
# 3. Conducted Emission at AC power line

Test Requirement:	Refer to 47 CFR 15.207(a), Except section, for an intentional radiator public utility (AC) power line, the reback onto the AC power line on ar band 150 kHz to 30 MHz, shall no measured using a 50 µH/50 ohms (LISN).	that is designed to be con adio frequency voltage tha by frequency or frequencie t exceed the limits in the fo	nected to the at is conducted as, within the collowing table, as				
shorek Anbo.	Frequency of emission (MHz)	Conducted limit (dBµV)					
YII.	Anbore Anbore	Quasi-peak	Average				
Aupor Air	0.15-0.5	66 to 56*	56 to 46*				
Test Limit:	0.5-5	56 Hotek An	46				
Will work	5-30 And 1	60	50 ter And				
k Anbors Ar.	*Decreases with the logarithm of the frequency.						
Test Method:	ANSI C63.10-2020 section 6.2	Projek Aupore	And				
Procedure:	Refer to ANSI C63.10-2020 section line conducted emissions from unline conducted emissions from the conducted emission						

# 3.1. EUT Operation

Operating Envi	ronment:	Aupo.	Polick	Anbore.	And	upotek	Aupo.
Test mode:	hopping) wi 2: TX-π/4-E (non-hopping) 3: TX-8DPS	ith GFSK mo DQPSK (Non ng) with π/4	odulation. -Hopping): Ko DQPSK modo ping): Keep t	eep the EUT ulation.	ntinuously trans in continuously ontinuously tran	y transmitting	g mode

### 3.2. Test Setup





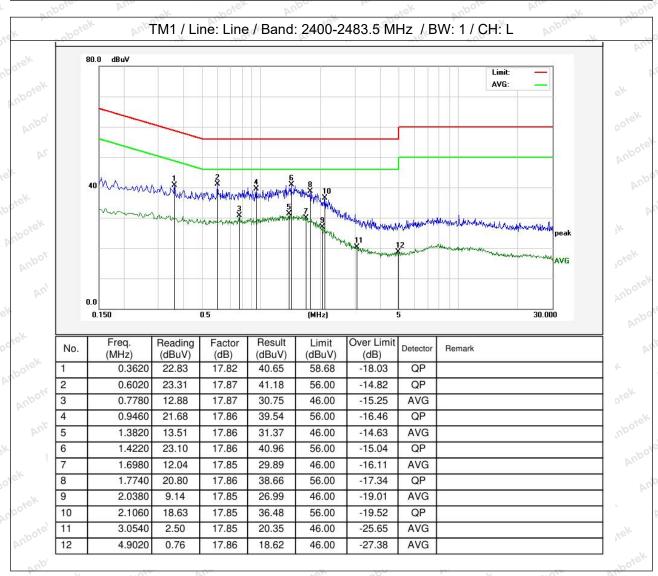
Hotline



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### 3.3. Test Data

Temperature:	19.5 °C	Humidity:	66 %	Atmospheric Pressure:	101 kPa
--------------	---------	-----------	------	-----------------------	---------

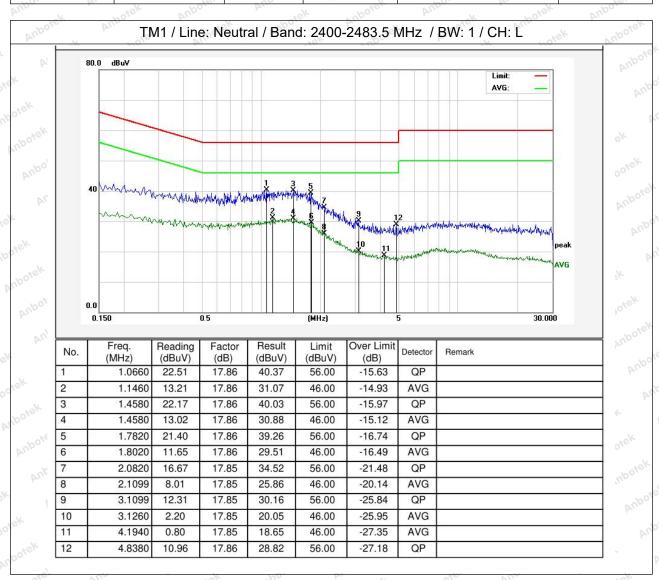






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Temperature: 19.5 °C Humidity: 66 % Atmospheric Pressure: 101 kPa



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

hopping) with GFSK modulation.

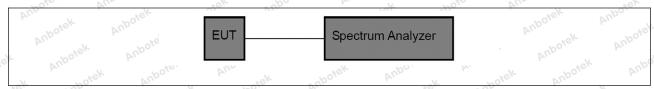
Test mode:

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: 2	25.6 °C	Humidity:	45 %	Atmospheric Pressure:	101 kPa
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Please Refer to Appendix for Details.





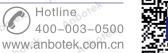
FCC ID: 2AEW6-TE-EB5601 Report No.: 18220WC40012601 Page 20 of 42

# 5. Maximum Conducted Output Power

Test Requirement:	47 CFR 15.247(b)(1)
Test Limit: ek 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	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.
Procedure:	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 peak of the
Anbotek Anbotek A	emission. 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:		Vu.	Anboiek	Yupo "ek	Spotek
Test mode:	1: TX-GFSK (Non-l 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 m -Hopping): Kee	: Keep the El lodulation. ep the EUT in	UT in contin	uously transm	itting mode

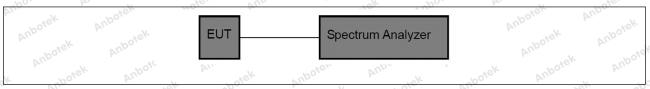






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### 5.2. Test Setup



### 5.3. Test Data

10	Tanàn araturas	25.6 °C	Llumpidite	4E 0/001	Atmoonbaria Drassura	404 kDa	1
	Temperature:	25.6 °C	Humidity:	45 %	Atmospheric Pressure:	101 kPa	l

Please Refer to Appendix for Details.





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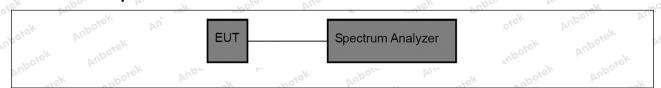
# 6. Channel Separation

Test Requirement:	47 CFR 15.247(a)(1)
Test Limit:	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
Anborek	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. e) Detector function: Peak. f) Trace: Max-hold. g) Allow the trace to stabilize.
hotek Anbotek Anbotek Anbotek	Use the marker-delta function to determine the separation between the peaks of the adjacent channels. Compliance of an EUT with the appropriate regulatory limit shall be determined. A spectral plot of the data shall be included in the test report.

### 6.1. EUT Operation

Operating Envi	ronment: Anbore Anbore Anbore Anborek Anborek
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>

### 6.2. Test Setup









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### 6.3. Test Data

711		011.	~0~
Temperature: 25.6 °C	Humidity: 45 %	Atmospheric Pressure:	101 kPa
10111pg: ata. 01	Trainialty.	7 (4111000)110110 1 100041101	.0.1

Please Refer to Appendix for Details.





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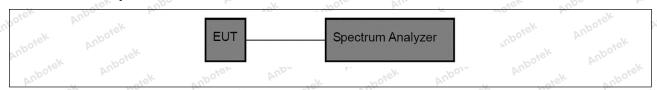
# 7. Number of Hopping Frequencies

, ab	Po, P, Vo, Vo,	
Test Requirement:	47 CFR 15.247(a)(1)(iii)	tek.
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 15 channels are used.	
Test Method:	ANSI C63.10-2020, section 7.8.3 KDB 558074 D01 15.247 Meas Guidance v05r02	rek
Anbotek	The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings:  a) Span: The frequency band of operation. Depending on the number of channels the device supports, it could be necessary to divide the frequenc 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 that 30% of the channel spacing or the 20 dB bandwidth, whichever is smaller. c) VBW ≥ RBW.	to an
Procedure:	d) Sweep: No faster than coupled (auto) time. e) Detector function: Peak. f) Trace: Max-hold. g) Allow the trace to stabilize.	
Anbotek Anbotek	It might prove necessary to break the span up into subranges to show clear 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.	3/4

# 7.1. EUT Operation

Operating Envi	conment: otek Anbotek Anbotek Anbotek Anbotek An
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>

# 7.2. Test Setup









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7.3. Test Data

Temperature: 25.6 °C Humidity: 45 % Atmospheric Pressure: 101 kPa

Please Refer to Appendix for Details.





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### 8. Dwell Time

O. Dwell illie	Spotek Vilgo, W. Week Supose Vun Fek Spotek
Test Requirement:	47 CFR 15.247(a)(1)(iii)
Test Limit:  Anbotek  Anbotek  Anbotek  Anbotek  Anbotek	Refer to 47 CFR 15.247(a)(1)(iii), Fequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 channels are used.
Test Method:	ANSI C63.10-2020, section 7.8.4 KDB 558074 D01 15.247 Meas Guidance v05r02
	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.
Anborek Anborek Anborek Anborek Anborek Anborek Anborek	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.
otek Anbotek A	Use the following spectrum analyzer settings to determine the dwell time per hop:
	<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> <li>c) Sweep time: Set so that the start of the first transmission and end of the</li> </ul>
	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.
	<ul><li>e) Detector function: Peak.</li><li>f) Trace: Clear-write, single sweep.</li><li>g) Place markers at the start of the first transmission on the channel and at</li></ul>







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the end of the last transmission. The dwell time per hop is the time between these two markers.

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

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

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

### 8.1. EUT Operation

### Operating Environment:

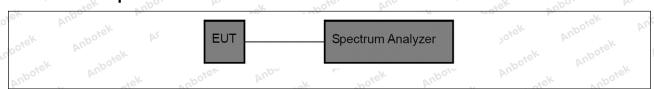
4: TX-GFSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation..

Test mode:

5: TX- $\pi$ /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

(no	Temperature:	25.6 °C	Humidity:	45 %	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 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.

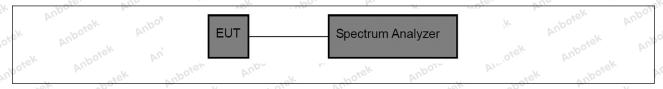
### 9.1. EUT Operation

### Operating Environment:

- 1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation.
- 2: TX- $\pi$ /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:	25.6 °C	Humidity	45 %	Atmospheric Pressure: 101 kPa
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Please Refer to Appendix for Details.







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# 10. Band edge emissions (Radiated)

Test Requirement:	Refer to 47 CFR 15.247(d), In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a)(see § 15.205(c)).`				
k Anbotek Anbot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)		
k hotek	0.009-0.490	2400/F(kHz)	300 000		
upores. And	0.490-1.705	24000/F(kHz)	30 morek		
niek anbore	1.705-30.0	30°	30		
Ando	30-88	100 **	3,ek Anbore		
abover And	88-216	150 **	3		
Ar. Otok Anbore	216-960	200 **	3bote Ant		
Test Limit:	Above 960	500 More Andre	3 rek no		
nbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241. In the emission table above, the tighter limit applies at the band edges. The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.				
Pub.	Die Die	2 10ck Spoter Pupp	V Motel		
Test Method:	ANSI C63.10-2020 section	6.10 A			
Vupo, W.	KDB 558074 D01 15.247 N	leas Guidance v05r02	ek shotek		

# 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>

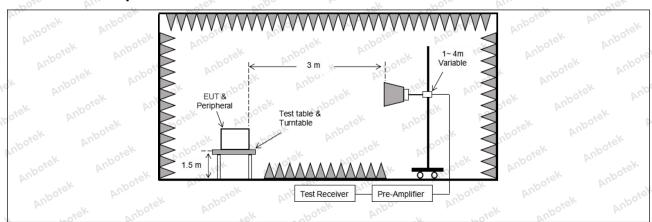






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### 10.2. Test Setup



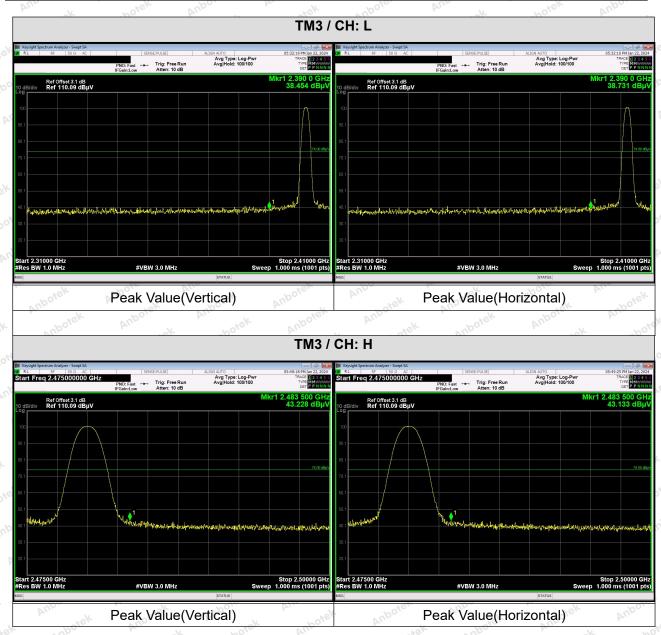




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### 10.3. Test Data

Temperature: 25.6 °C Humidity: 45 % 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)

100 K	"OJO	" Ser Valor	-K 2010		
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	oly with the		
otek Aupotek Aupol	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)		
o. A. Siek	0.009-0.490	2400/F(kHz)	300 00000		
abotek Anbe	0.490-1.705	24000/F(kHz)	30		
All.	1.705-30.0	30	30		
Aupo, A. A.	30-88	100 **	3,ek abore		
shotek Anbo	88-216	150 **	3		
Arm rek abore	216-960	200 **	3 boten Ant		
V Vipor Vi	Above 960	500 Andrew	3 rek ab		
nbotek Anbotek	** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241. In the emission table above, the tighter limit applies at the band edges. The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.				
Posts But	ANSI C63.10-2020 section	6.6 A Anbore	ak abotek		
Test Method:	KDB 558074 D01 15.247 M		Ar. shotek		
Procedure:	ANSI C63.10-2020 section	6.6.4 Miles	oo, Ai, Potek		

# 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>

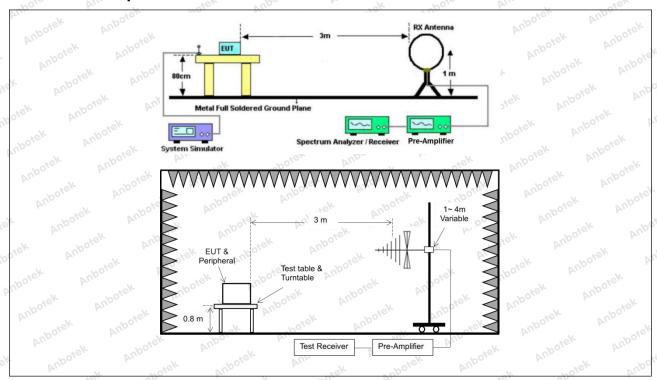






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### 11.2. Test Setup





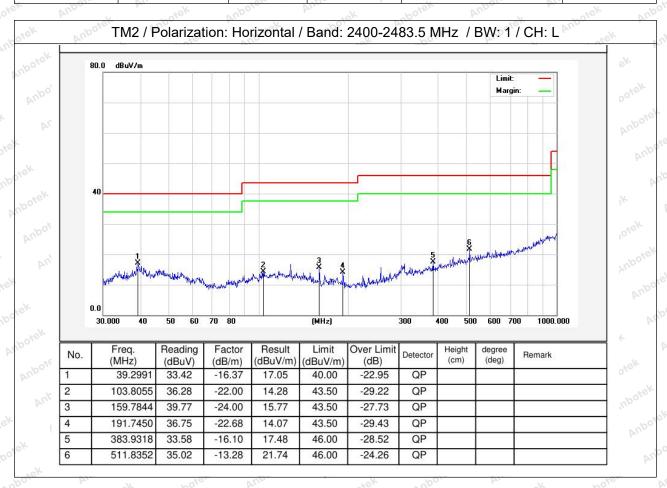


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### 11.3. Test Data

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

Tempe	erature:	25.6 °C	DUP	Humidity:	45%	Atmos	spheric Pre	ssure:	101 kPa
lompe	Jiataro.	20.0		i iditiidity.	70 70	M. Line	spriorio i io	oourc.	pero i Ki di

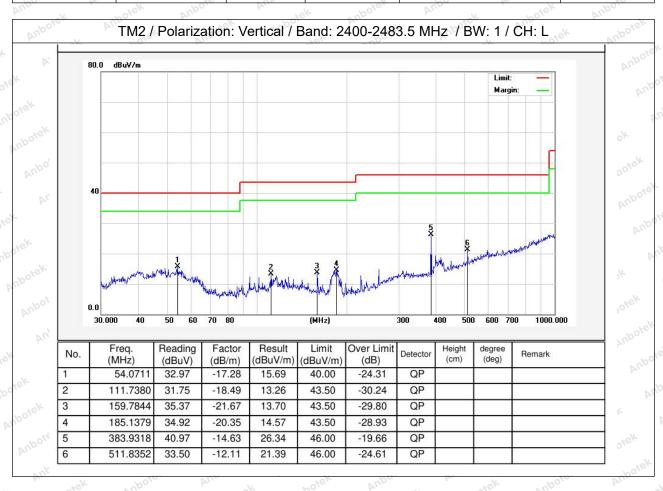






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Temperature: 25.6 °C Humidity: 45 % Atmospheric Pressure: 101 kPa



Note: Only record the worst data in the report.









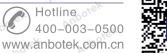
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# 12. Emissions in frequency bands (above 1GHz)

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,	, sek apo
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 shown employing a CISPR quasi-page 110-490 kHz and a section with the section of the emission limits shown employing a CISPR quasi-page 110-490 kHz and a section of the emission of	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 uency bands 9— ssion limits in
ootek Anbo	100, by	ok hotek kubu	- Stok
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>

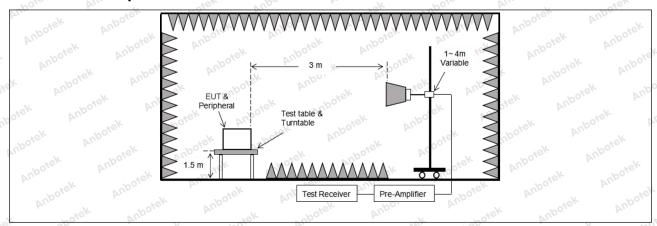






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### 12.2. Test Setup







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### 12.3. Test Data

Temperature:	25.6 °C	Humidity:	45 %	Atmospheric Pressure:	101 kPa	
	V =					

VUr.	hotek Anb		rick noor	An	ok hotek	Anbo.
		•	TM3 / CH: L			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4804.00	26.84	15.27	42.11	74.00	-31.89	Vertical
7206.00	28.06	18.09	46.15	74.00	-27.85	Vertical
9608.00	28.77	23.76	52.53	74.00	-21.47	Vertical
12010.00	Anbore * Ar	io.	abotek Anb	74.00	otek Anbott	Vertical
14412.00	VUPO*SK	Anbo	hotek P	74.00	siek sok	Vertical
4804.00	27.24	15.27	42.51	74.00	-31.49	Horizontal
7206.00	28.10	18.09	46.19	74.00	-27.81	Horizontal
9608.00	28.09	23.76	51.85	74.00	-22.15	Horizontal
12010.00	otek * Anbo	7K 20	iek Aupote	74.00	k nbotek	Horizontal
14412.00	hotek* An	DOJO ATT	otek anbo	74.00	ok hotel	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4804.00	16.22	15.27	31.49	54.00	-22.51	Vertical
7206.00	17.09	18.09	35.18	54.00	-18.82	Vertical
9608.00	17.79	23.76	41.55	54.00	-12.45	Vertical
12010.00	wo total	Aupoter, Au	ek	54.00	-ye me	Vertical
14412.00	And *	anbotek	Aupo. K	54.00	bote. And	Vertical
4804.00	15.59	15.27	30.86	54.00	-23.14	Horizontal
7206.00	17.16	18.09	35.25	54.00	-18.75	Horizontal
9608.00	17.40 pole	23.76	41.16	54.00	-12.84	Horizontal
12010.00	* * *	otek Aupon	-K Mo	54.00	Vug-	Horizontal
14412.00	(po. *	hotek Ant	O. V.	54.00	Gr Vupo,	Horizontal





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			TM3 / CH: M			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4882.00	26.86	15.42	42.28	74.00	-31.72 · · · ·	Vertical
7323.00	27.91	18.02	45.93	74.00	-28.07	Vertical
9764.00	27.78	23.80	51.58	74.00	-22.42	Vertical
12205.00	ek * spotek	Anborr	, worek	74.00	And	Vertical
14646.00	*	tek Wipose	Pur Sie	74.00	Aupo	Vertical
4882.00	26.94	15.42	42.36	74.00	-31.64	Horizontal
7323.00	28.09	18.02	46.11	74.00	-27.89	Horizontal
9764.00	27.79	23.80	51.59	74.00	-22.41	Horizontal
12205.00	*otek	Aupole.	Aug	74.00	YUpor bu	Horizontal
14646.00	Ar.	nbotek	Aupo	74.00	Aupore	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4882.00	15.95	15.42	31.37	54.00	-22.63	Vertical
7323.00	17.19	18.02	35.21	54.00	-18.79	Vertical
9764.00	17.65	23.80	41.45	54.00	-12.55	Vertical
12205.00	k *upo,	An Siek	anbotek	54.00	boiek	Vertical
14646.00	otek * Anbot	Ando	ek spojek	54.00	Principle K	Vertical
4882.00	15.50	15.42 nbo	30.92	54.00	-23.08	Horizontal
7323.00	16.72	18.02	34.74	54.00	-19.26	Horizontal
9764.00	17.91	23.80	41.71	54.00	-12.29 M	Horizontal
12205.00	anb*otek	Aupo	abotek	54.00	otek v	Horizontal
14646.00	* "otek	Anbor	All stek	54.00	VUD.	Horizontal



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					AUDO	
		•	TM3 / CH: H			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4960.00	27.13	15.58	42.71	74.00	-31.29	Vertical
7440.00	27.92	17.93	45.85	74.00	-28.15	Vertical
9920.00	28.33	23.83	52.16	74.00	-21.84	Vertical
12400.00	* Stek	anbotes	Aug	74.00	Aupor	Vertical
14880.00	* Vup	rek "Upotel	Aupo.	74.00	Aupote	Vertical
4960.00	27.01	15.58	42.59	74.00	-31.41	Horizontal
7440.00	28.12	17.93	46.05	74.00	-27.95	Horizontal
9920.00	28.47	23.83	52.30	74.00	-21.70	Horizontal
12400.00	Anb * * ek	abořek	Aupo, K	74.00	inpoter An	Horizontal
14880.00	N. Apolo	Pr. Potek	Anbores	74.00	abotek	Horizontal
Average value:				<u> </u>		Average value:
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4960.00	17.07	15.58	32.65	54.00	-21.35	Vertical
7440.00	18.20	17.93	36.13	54.00	-17.87	Vertical
9920.00	18.20	23.83	42.03	54.00	-11.97	Vertical
12400.00	k *nbotek	Aupo	botek	54.00	Viek Siek	Vertical
14880.00	* * * * * *	sk Vupot	r wotek	54.00	Anb	Vertical
4960.00	16.94	15.58 15.58	32.52	54.00	-21.48	Horizontal
7440.00	18.09	17.93	36.02	54.00	-17.98	Horizontal
9920.00	17.81	23.83	41.64	54.00	-12.36	Horizontal
12400.00	*otek	Aupore	VI.	54.00	100 18.	Horizontal
14880.00	* stek	Vupojer	VUP.	54.00	Vupo,	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 -----

