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# **FCC Test Report**

Applicant : D2G Group LLC

Address 81 Commerce Drive, Fall River, Massachusetts,

02720, United States

Product Name : 49inch Edge Collection Digital Kiosk

Report Date : Mar. 14, 2024

Shenzhen Anbotek Con Anbotek



ce/Laboratory Limited







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# TEST REPORT

Applicant : D2G Group LLC

Manufacturer : Shenzhen I-Pivot Intelligent Technology Co., Ltd

Product Name : 49inch Edge Collection Digital Kiosk

Test Model No. : DK049CLWE

Reference Model No. : N/A

Trade Mark : Displays2go

Rated Voltage: AC 100-240V

Rating(s) Rated Current: 1.8A

Rated Frequency: 50/60Hz
Max Power Consumption: 160W

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: Feb. 02, 2024	
Date of Test: Feb. 04, 2024 to Mar. 07, 2024	
Ella Giang	
Prepared By:	4
Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek	
Idward pan	
Approved & Authorized Signer:	_
(Edward Dan)	

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# **Revision History**

	Report Version	Description	Issued Date
	Anbore R00 potek Ant	Original Issue.	Mar. 14, 2024
3	Anbotek Anbotek	Anbotek Anbotek Anbotek	Anbotek Anbotek Ant
/0	ore Ambotek Anbotek	Anbotek Anbotek Anbot	tek Anbotek Anboter





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#### 1. General Information

#### 1.1. Client Information

	V	No. Y. W.
Applicant	:	D2G Group LLC
Address	:	81 Commerce Drive, Fall River, Massachusetts, 02720, United States
Manufacturer	:	Shenzhen I-Pivot Intelligent Technology Co., Ltd
Address	:	2nd Floor, Building 2A, Dacheng Industrial Zone, No. 357 Jihua Rd, Longgang District, Shenzhen, Guangdong, China
Factory	:	Shenzhen I-Pivot Intelligent Technology Co., Ltd
Address		2nd Floor, Building 2A, Dacheng Industrial Zone, No. 357 Jihua Rd, Longgang District, Shenzhen, Guangdong, China

# 1.2. Description of Device (EUT)

ak hore A	14-	der vog K Pois VIII
Product Name	:	49inch Edge Collection Digital Kiosk
Test Model No.	:	DK049CLWE
Reference Model No.	:	N/Abotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek
Trade Mark	:	Displays2go
Test Power Supply	:	AC 120V/60Hz
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/A Andrek Andrek Andrek Andrek Andrek
RF Specification		
Operation Frequency		2402MHz to 2480MHz
Number of Channel	:	40 And Notek Andorek Andorek Andorek Andorek Andorek
Modulation Type	:	GFSK Anbotek Anbotek Anbotek Anbotek
Antenna Type	:	Rod Antenna
Antenna Gain(Peak)		4.92dBi

#### 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.	
	Anboten Anboten	And stek upotek	Anbo. A hotek	Anbote. / Anb	







18220WC40026101 BLE Report No.:

#### 1.4. Operation channel list

#### Operation Band:

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
v Onbote	2402	10 por	2422	20	2442 <sub>000</sub> 000	30	2462
otek 1 Anb	2404	11 m	ot <sup>el</sup> 2424 M <sup>oo</sup>	21	2444 M	31 And	2464
botek2 A	2406	12	2426	22	2446	nb <sup>018</sup> 32	2466
3/4	2408	13	2428	Anbo 23	2448	33	2468
4 tek	2410	And 14 rek	2430	24	2450	34	2470
5 botek	2412	15	2432	25	2452	35 botto	2472
6 gbo	2414 Dolle	16	2434 Andor	26 Andre	2454	iek 36 Anbi	2474
rek 7	2416 M	17 And	2436	otek 27 An	2456	otel 37	2476
8	2418	18	2438	28	2458	38	2478
Anbo 9 tek	2420	Anbot 19	2440	29	2460	39	2480

# 1.5. Description of Test Modes

Pretest Modes	Descriptions
botek AnoTM1 Anbou	Keep the EUT in continuously transmitting mode with GFSK modulation.

### 1.6. Measurement Uncertainty

Parameter	Uncertainty
Conducted emissions (AMN 150kHz~30MHz)	3.4dB horek Anborek
Occupied Bandwidth	925Hz Anborek Anbor
Conducted Output Power	0.76dB Anborek Anborek An
Power Spectral Density	0.76dB Anbotek Anbotek
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 rick a	valuated eccarding to AP/MLDF F 022

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	Ann Potek
Conducted Emission at AC power line	Mode1	P
Occupied Bandwidth	Mode1	P PART
Maximum Conducted Output Power	Mode1	P
Power Spectral Density	Mode1	who Pk
Emissions in non-restricted frequency bands	Mode1	Anb P tek
Band edge emissions (Radiated)	Mode1	P P
Emissions in frequency bands (below 1GHz)	Mode1	P <sup>Ant</sup>
Emissions in frequency bands (above 1GHz)	Mode1	PAR
Note: P: Pass N: N/A pot applicable	Anbotek Anbotek A	upotek

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	Anbore	k Viv.	Anboien	Auprotek
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
otek 2	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	lek lanbotek	Anborek

Occupied Bandwidth

Maximum Conducted Output Power

Power Spectral Density
Emissions in non-restrict

Emissions in non-restricted frequency bands

Emis	sions in non-restricte	a trequency bands	, rek	700,0	- K	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1 <sub>An</sub> l	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
3	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	101792	2023-05-26	2024-05-25
An4ore	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY505318 23	2023-10-12	2024-10-11
5nb	Oscilloscope	Tektronix	MDO3012	C020298	2023-10-12	2024-10-11
6	MXG RF Vector Signal Generator	Agilent	N5182A	MY474206 47	2023-02-23	2024-10-22

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400-003-0500



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	sions in frequency ba	Die Stern	Anborek	Anbo	· · · · · · · · · · · · · · · · · · ·	a probote
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
4	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	Anborek	Wupote <sub>k</sub>
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
7	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2023-05-25	2024-05-24

Emissions in frequency bands (below 1GHz)									
Item	Equipment	Equipment Manufacturer		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 Rod Antenna which permanently attached, and the best case gain of the antenna is 4.92dBi. It complies with the standard requirement.





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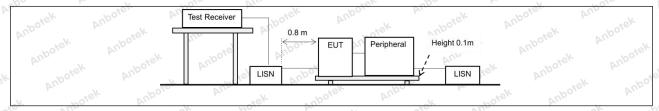
# 3. Conducted Emission at AC power line

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

# 3.1. EUT Operation

Operating Envi	ronment:	Aupor	hoiek	Anbois.	Vun	aporek	Aupo.
Test mode:	1: TX mode	e: Keep the	EUT in contin	uously transr	mitting mode w	ith GFSK	Anbo
TCSt mode.	modulation	). · · · · · · · · · · · · · · · · · · ·					

# 3.2. Test Setup





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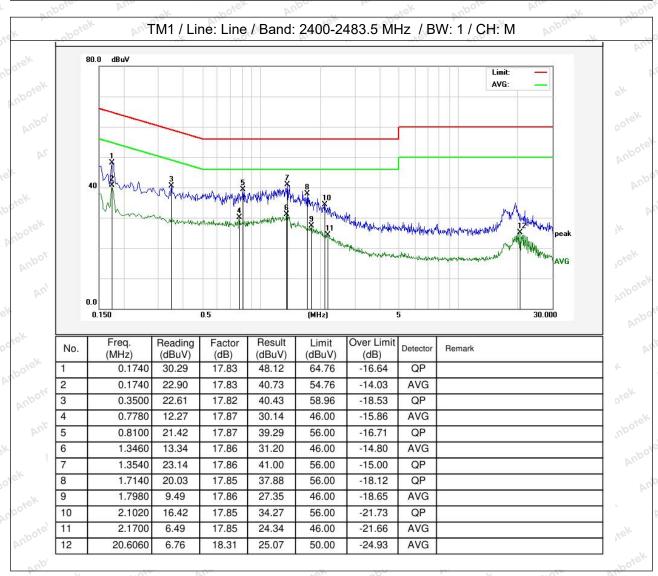
400-003-0500



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#### 3.3. Test Data

Temperature:	25 °C	Humidity:	48 %	Atmospheric Pressure:	101 kPa
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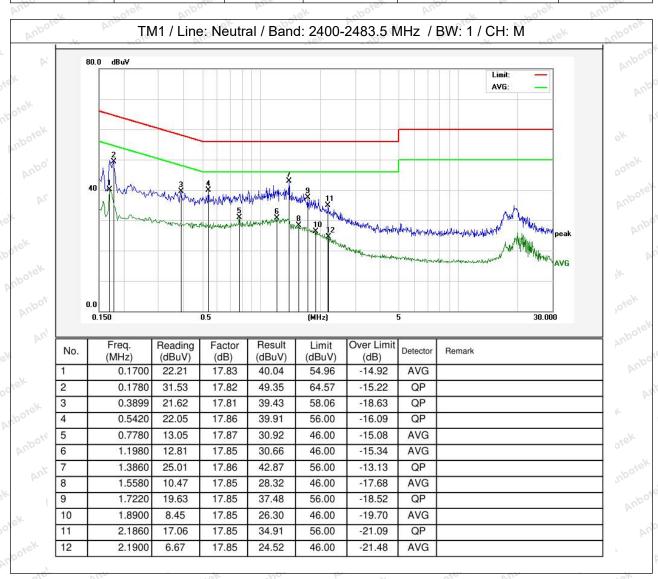






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Temperature: 25 °C Humidity: 48 % Atmospheric Pressure: 101 kPa



Note: Only record the worst data in the report.







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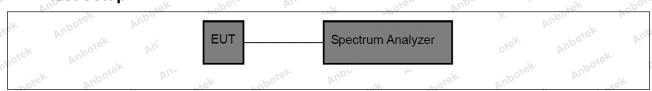
# 4. Occupied Bandwidth

Refer to 47 CFR 15.247(a)(2), Systems using digital modulation techniques
may operate in the 902-928 MHz, and 2400-2483.5 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.
ANSI C63.10-2020, section 11.8 KDB 558074 D01 15.247 Meas Guidance v05r02
11.8.1 Option 1 The steps for the first option are as follows: a) Set RBW = shall be in the range of 1% to 5% of the OBW but not less than 100 kHz. b) Set the VBW ≥ [3 × RBW]. c) Detector = peak.
d) Trace mode = max-hold. e) Sweep = No faster than coupled (auto) time. f) Allow the trace to stabilize. g) Measure the maximum width of the emission by placing two markers, one at the lowest frequency and the other at the highest frequency of the
envelope of the spectral display, such that each marker is at or slightly below the "-6 dB down amplitude". If a marker is below this "-6 dB down amplitude" value, then it shall be as close as possible to this value.
11.8.2 Option 2 The automatic bandwidth measurement capability of an instrument may be employed using the X dB bandwidth mode with X set to 6 dB, if the
functionality described in 11.8.1 (i.e., RBW = 100 kHz, VBW ≥ 3 × RBW, and peak detector with maximum hold) is implemented by the instrumentation function.  When using this capability, care shall be taken so that the bandwidth measurement is not influenced by any intermediate power nulls in the

# 4.1. EUT Operation

Operating Envi	ronment:	Ann	anbotek	Aupo	abotek	Anbore
Test mode:	1: TX mode: Kee modulation.	o the EUT in c	ontinuously t	transmitting mo	ode with GFSk	Anboter.

#### 4.2. Test Setup



# 4.3. Test Data

Mark Mark Mark Mark Mark Mark Mark Mark		Temperature:	25 °C	Humidity:	48 %	Atmospheric Pressure:	101 kPa
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Please Refer to Appendix for Details.









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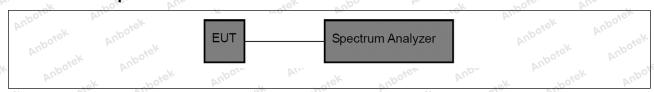
# 5. Maximum Conducted Output Power

Test Requirement:	47 CFR 15.247(b)(3)
Anbotek	Refer to 47 CFR 15.247(b)(3), For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.
Test Method:	ANSI C63.10-2020 section 11.9.1 KDB 558074 D01 15.247 Meas Guidance v05r02
Procedure:	ANSI C63.10-2020, section 11.9.1 Maximum peak conducted output power

# 5.1. EUT Operation

Operating Envi	ronment:	abotek	Aupor	Dir.	hotek	Aupoten	Anb	rek	200
Test mode:	1: TX mode: modulation.	Keep the E	JT in continu	uously	transmit	ting mode	with GFSh	K hotek	ν.

#### 5.2. Test Setup



#### 5.3. Test Data

9	Temperature:	25 °C	Humidity:	48 %	Atmospheric Pressure:	101 kPa

Please Refer to Appendix for Details.



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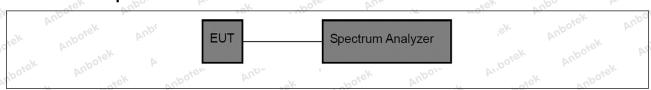
# 6. Power Spectral Density

Test Requirement:	47 CFR 15.247(e)
Test Limit:	Refer to 47 CFR 15.247(e), For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.
Test Method:	ANSI C63.10-2020, section 11.10 KDB 558074 D01 15.247 Meas Guidance v05r02
Procedure:	ANSI C63.10-2020, section 11.10, Maximum power spectral density level in the fundamental emission

# 6.1. EUT Operation

Operating Enviro	nment:	Anbotek	Anbo	nbotek	Auporg	Pur. Potek
i lest mode.	1։ TX mode։ Kee <mark>լ</mark> nodulation.	the EUT in	continuously tra	ansmitting m	ode with GF	SK And abotek

#### 6.2. Test Setup



#### 6.3. Test Data

Temperature: 2	25 °C	Humidity:	48 % Market	Atmospheric Pressure: 101 kPa
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Please Refer to Appendix for Details.



Hotline

www.anbotek.com.cn

400-003-0500



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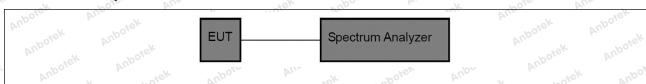
# 7. Emissions in non-restricted frequency bands

Test Requirement:	47 CFR 15.247(d), 15.209, 15.205
Anbotek	Refer to 47 CFR 15.247(d), In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in § 15.209(a) is not required.
Test Method:	ANSI C63.10-2020 section 11.11 KDB 558074 D01 15.247 Meas Guidance v05r02
Procedure:	ANSI C63.10-2020 Section 11.11.1, Section 11.11.2, Section 11.11.3

#### 7.1. EUT Operation

Operating Envi	ronment:	aboiek	Vupoter K	Vur	otek	Anborek	Vupo.	*ek	200
Test mode:	1: TX mode:	Keep the El	JT in continu	ously tra	ansmitt	ing mode w	ith GFSK	ζο, ΄΄	24
Tool mode.	modulation.								D.S

#### 7.2. Test Setup



#### 7.3. Test Data

2	Temperature:	25 °C	abotek	Humidity:	48 %	Atmospheric Pressure:	101 kPa
0 -		2	111.0	101	- ~00	L. 1	VII.

Please Refer to Appendix for Details.



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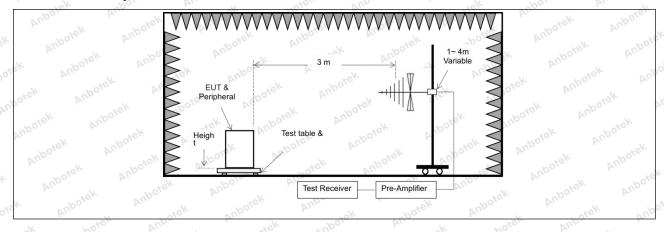
# 8. Band edge emissions (Radiated)

Pur Projek	Defende 47 OFD 45 047(-1)		Nation follows the						
Tabolen And		In addition, radiated emissions							
Test Requirement:	restricted bands, as defined in § 15.205(a), must also comply with the								
Vupo, Vi	radiated emission limits specified in § 15.209(a)(see § 15.205(c)).								
k hotek Anbo.	Frequency (MHz)	Field strength	Measurement						
AM	lotek Aupo, W.	(microvolts/meter)	distance						
otek Anbore An	ok hotek Anbi	atek anbore	(meters)						
o tek	0.009-0.490	2400/F(kHz)	300 mboto						
abover Ande	0.490-1.705	24000/F(kHz)	30						
atek "Doter"	1.705-30.0	30°, h, h,	30						
Anbo. A. Stek	30-88	100 **	3 ek anbore						
Spotek Anbu	88-216	150 **	3						
VII. Pose	216-960	200 **	3boten And						
Anbor Ar	Above 960	500	3 rek no						
Test Limit:	** Except as provided in pa	ragraph (g), fundamental emissi	ons from						
Die VII.		ng under this section shall not b							
hotek Anbo,	frequency bands 54-72 MH	z, 76-88 MHz, 174-216 MHz or	470-806 MHz.						
ur spotek		hese frequency bands is permitt	ed under other						
Anbore Arr	sections of this part, e.g., §		tek aboten						
hotek Anbore		e, the tighter limit applies at the b							
Ant boie		in the above table are based on							
Anbore Ana		peak detector except for the freq							
k hotek Anbe		above 1000 MHz. Radiated emis							
YEL YUDU		ed on measurements employing	an average						
tek spore. A	detector.	oc. k. siek supoje.	Vur.						
Test Method:	ANSI C63.10-2020 section	6.10° And							
rest welliou.	KDB 558074 D01 15.247 M	leas Guidance v05r02	ok hotek						
Procedure:	ANSI C63.10-2020 section	6.10.5.2	Pur Yun						

# 8.1. EUT Operation

0,	Operating Envir	onment:	upotek					otek vi
	Test mode:	1: TX mode: Ke	ep the EUT	in continu	uously trans	mitting mod	le with GFSh	Cupp.
20	est mode.	modulation.	VUD	V	otek Ar	Upo, P	,ek	aboter

# 8.2. Test Setup





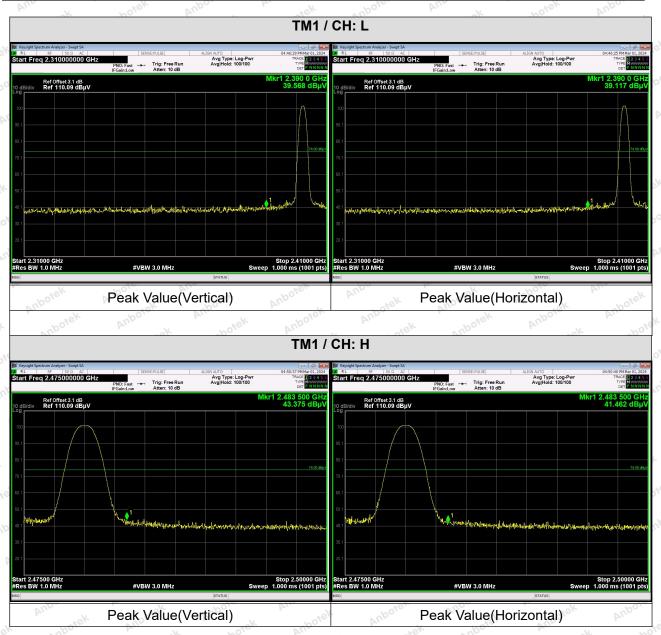




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#### 8.3. Test Data

Temperature: 25 °C Humidity: 48 % Atmospheric Pressure: 101 kPa



#### Remark:

1. When the PK measure result value is less than the AVG limit value, the AV measure result values test not applicable.









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# 9. Emissions in frequency bands (below 1GHz)

Test Requirement:	restricted bands, as defin radiated emission limits s	pecified in § 15.209(a)(see § 15	
ek Anbotek Anbo	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
	0.009-0.490	2400/F(kHz)	300 Mport
ofer Ande	0.490-1.705	24000/F(kHz)	30
	1.705-30.0	30° Ack	30
	30-88	100 **	3 ok noon
anboren Anbe	88-216	150 **	AT 3
	216-960	200 **	3 pore An
	Above 960	500 Solek Andrew	3
Test Limit: Arbotek Ar	intentional radiators opera frequency bands 54-72 M	paragraph (g), fundamental emis ating under this section shall not IHz, 76-88 MHz, 174-216 MHz o	be located in the or 470-806 MHz.
Test Limit; otek Anbotek	intentional radiators operafrequency bands 54-72 M However, operation within sections of this part, e.g., In the emission table abo The emission limits show employing a CISPR quas 90 kHz, 110–490 kHz and	ating under this section shall not IHz, 76-88 MHz, 174-216 MHz on these frequency bands is perm	t be located in the or 470-806 MHz. nitted under other band edges. on measurements equency bands 9-nission limits in
Test Limit: Anborek Anborek Anborek Anborek Anborek Anborek Anborek	intentional radiators operafrequency bands 54-72 M However, operation within sections of this part, e.g., In the emission table about the emission limits show employing a CISPR quas 90 kHz, 110–490 kHz and these three bands are bar	ating under this section shall not IHz, 76-88 MHz, 174-216 MHz on these frequency bands is perm §§ 15.231 and 15.241.  IVE, the tighter limit applies at the in the above table are based of i-peak detector except for the fred above 1000 MHz. Radiated emsed on measurements employing in 6.6.4	t be located in the or 470-806 MHz. nitted under other band edges. on measurements equency bands 9-nission limits in

# 9.1. EUT Operation

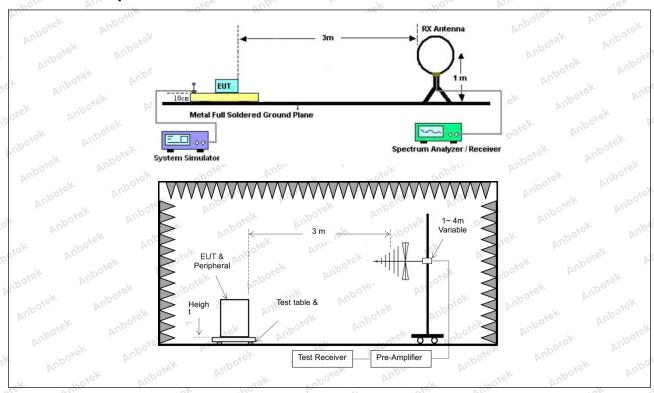
,o¹	Operating Envir	onment:	anboten	Anbe	botel	Anbore	bu.	rick vy
	Test mode:	1: TX mode: Ke	eep the EUT	in continue	ously transm	itting mode	with GFSK	Upo Pak
70	00	modulation.	DI		ter Tup.		rek .	oboro





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#### 9.2. Test Setup





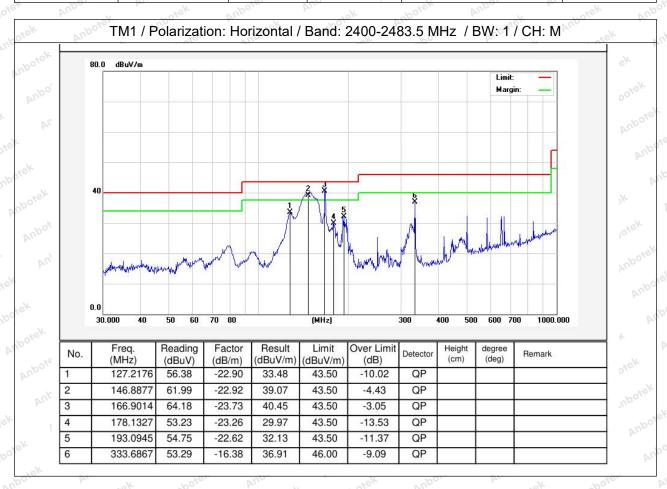


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#### 9.3. Test Data

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

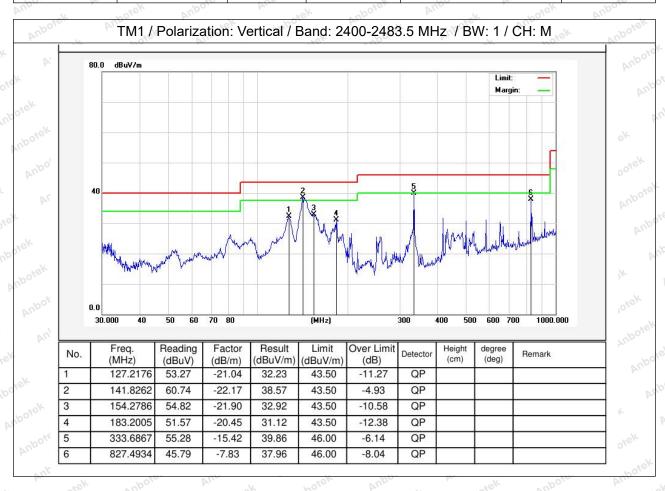
	Temperature: 25 °C	Humidity:	48 %	Atmospheric Pressure:	101 kPa
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Temperature: 25 °C Humidity: 48 % Atmospheric Pressure: 101 kPa



Note: Only record the worst data in the report.









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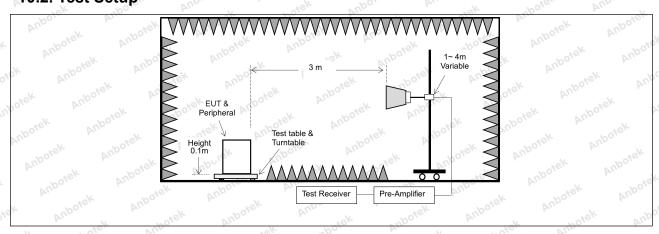
# 10. Emissions in frequency bands (above 1GHz)

hotek Anbotek		ons which fall in the restricted ba						
Test Requirement:	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)					
o. W. Stek	0.009-0.490	2400/F(kHz)	300 000					
aborek Ando	0.490-1.705	24000/F(kHz)	30 50 tok					
all aboten	1.705-30.0	30 Rev 100	30					
Anbo, Air	30-88	100 **	3,ek anbore					
sbotek Anbo	88-216	150 **	3					
All rok abore	216-960	200 **	3 boter And					
Anbor	Above 960	500 Market Ambo	3 rek on					
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 othe sections of this part, e.g., §§ 15.231 and 15.241.  In the emission table above, the tighter limit applies at the band edges. The emission limits shown in the above table are based on measurement employing a CISPR quasi-peak detector except for the frequency bands 90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.							
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M	· Up.	ek Aupotek					
Procedure:	ANSI C63.10-2020 section	6.6.4	port. K hotel					

# 10.1. EUT Operation

Operating Envir	ronment:	Anboiek	Anbo.	-hoiek	Aupoter	VU.P.	itek ou
Test mode:	1: TX mode: k	(eep the EU	T in continuo	usly transmittir	ng mode with	n GFSK	.V.
Jest mode.	modulation.						poter

# 10.2. Test Setup









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#### 10.3. Test Data

Temperature:	25 °C	AUP	Humidity:	48 %	Atmospheric Pressure:	101 kPa	
			W		, m		

Vur.	Potek Aup	, V	atek anbott	And	k 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	27.85	15.27	43.12	74.00	-30.88	Vertical
7206.00	28.02	18.09	46.11	74.00	-27.89	Vertical
9608.00	28.66	23.76	52.42	74.00	-21.58	Vertical
12010.00	Anbore * Ar	iek .	Sporek Anb	74.00	otek Anbote	Vertical
14412.00	VUPO*SK	Aupo, ok	Potek b	74.00	otek onk	Vertical
4804.00	27.57	15.27	42.84	74.00	-31.16	Horizontal
7206.00	28.32	18.09	46.41	74.00	-27.59	Horizontal
9608.00	27.85	23.76	51.61	74.00	-22.39	Horizontal
12010.00	otek * Aupo	-k 20	iek Aupote	74.00	· nbotek	Horizontal
14412.00	hotek*	DOJO PUL	atek anbo	74.00	ok hote	Horizontal
Average value:	Reading	Factor	Result	Limit	Over Limit	polarization
(MHz)	(dBuV) 16.12	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Vertical
4804.00	17.07	15.27	31.39	54.00	-22.61	
7206.00	5.4	18.09	35.16	54.00	-18.84	Vertical
9608.00	18.13	23.76	41.89	54.00	-12.11 <sub>0</sub>	Vertical Vertical
	Anboren *	Yup.	"Upotek Vu	54.00	hotek Anbe	1. b.
14412.00	hotek .	Ar 03/4	201.47	54.00	20.00	Vertical
4804.00	15.90	15.27	31.17	54.00	-22.83	Horizontal
7206.00	17.35	18.09	35.44	54.00	-18.56	Horizontal
9608.00	17.36	23.76	41.12	54.00	-12.88	Horizontal
12010.00	wotek and	or Vur	ofek anbot	54.00	ek spotek	Horizontal
14412.00	W *	Poler Vul		54.00	b.1.	Horizontal





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			ГМ1 / CH: M			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4880.00	27.40	15.42	42.82	74.00	-31.18	Vertical
7320.00	27.99	18.02	46.01	74.00	-27.99	Vertical
9760.00	28.16	23.80	51.96	74.00	-22.04	Vertical
12200.00	ek * spotek	Anborr	h hotek	74.00	And	Vertical
14640.00	*	tek Wipose	Pun de	74.00	Aupo	Vertical
4880.00	27.38	15.42	42.80	74.00	-31.20	Horizontal
7320.00	28.19	18.02	46.21	74.00	-27.79	Horizontal
9760.00	27.57	23.80	51.37	74.00	-22.63	Horizontal
12200.00	*otek	Aupole.	Aug	74.00	YUpor bu	Horizontal
14640.00	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
4880.00	16.21	15.42	31.63	54.00	-22.37	Vertical V
7320.00	16.93	18.02	34.95	54.00	-19.05	Vertical
9760.00	17.98	23.80	41.78	54.00	-12.22	Vertical
12200.00	k *upor	N. Siek	anbotek	54.00	boiek	Vertical
14640.00	otek * Anbot	Anb	sk spojek	54.00	pi, poiek	Vertical
4880.00	16.01	15.42	31.43	54.00	-22.57	Horizontal
7320.00	17.70	18.02	35.72	54.00	-18.28	Horizontal
9760.00	17.66	23.80	41.46	54.00	-12.54 M	Horizontal
12200.00	anbotek	Aupo	abotek	54.00	in otek	Horizontal
14640.00	* "otek	Anbor	All	54.00	VUD.	Horizontal





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		•	TM1 / CH: H			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4960.00	27.53	15.58	43.11	74.00	-30.89	Vertical
7440.00	28.15	17.93	46.08	74.00	-27.92	Vertical
9920.00	28.86	23.83	52.69	74.00	-21.31	Vertical
12400.00	* Otek	Anboies	Anb. "ek	74.00	Aupor	Vertical
14880.00	* And	iek "pojek	, Vupo,	74.00	Anbore	Vertical
4960.00	o <sup>tel</sup> 27.52 And	15.58	43.10	74.00	-30.90	Horizontal
7440.00	28.40	17.93	46.33	74.00	-27.67	Horizontal
9920.00	27.95	23.83	51.78	74.00	-22.22	Horizontal
12400.00	VUD *	abotek	Aupo, k	74.00	Anbotes Ans	Horizontal
14880.00	Viapo,	hotek	Aupoter	74.00	anborek	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4960.00	17.33	15.58	32.91	54.00	-21.09	Vertical
7440.00	18.20	17.93	36.13	54.00	17.87 And	Vertical
9920.00	18.63	23.83	42.46	54.00	-11.54	Vertical
12400.00	k * Spotek	Aupor	hotek	54.00	Vug sek	Vertical
14880.00	* * *	k Aupolo	Aug	54.00	Vupo.	Vertical
4960.00	17.19	15.58 No <sup>01</sup>	32.77	54.00	-21.23	Horizontal
7440.00	18.50	17.93	36.43	54.00	-17.57	Horizontal
9920.00	17.81	23.83	41.64	54.00 Ame	-12.36	Horizontal
12400.00	* tokek	Anbores	Aur	54.00	Pro br	Horizontal
14880.00	An*	anbotek	Aupo	54.00	Aupolo	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.





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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 -----

