

FCC ID: 2ATS9-1399C Report No.: 18220WC40075601 Page 1 of 41

FCC Test Report

Applicant

Cleer Limited

UNITS 3306-12 33/F, SHUI ON CENTRE, NOS. 6-8 HARBOUR ROAD, WANCHAI, HK, China Address

ARC 3 Charging Case Product Name

: May 27, 2024 **Report Date**



Shenzhen Anbotek Compliance Laboratory Limited

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	TEST F	REPORT	
Applicant	: Cleer Limited		
Manufacturer	: Shenzhen Grandsun Ek	ectronic Co., Ltd.	
Product Name	: ARC 3 Charging Case		
Test Model No.	: GS1399C		
Reference Mode	el No. : N/A		
Trade Mark	nbotek : Cleer		
	Input: 5V 2A		
Rating(s)	: Output: 5V-200mA	95)/ 1450mAb	obotek
	Battery Capacity: DC 3. 47 CFR Part 15.247	65V, 1450MAN	
Test Standard(
Anburgk		7 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:

Date of Test:

Prepared By:

Apr. 12, 2024

Apr. 12, 2024 to Apr. 25, 2024

Lang Ella

(Ella Liang)

Idward pan

Approved & Authorized Signer:

(Edward Pan)

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Revision History

Report Ver	rsion		Description			Issued	Date	
R00	abotek Ant	otek	Original Issue.	Inbotek	Anbots.	May 27,	2024	Anbote
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otek unbotek	Anboten	Anbrote	K Anbotek	Aupor	^{stek} bi	nbotek	Anboten	A Ko

Anbc

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1. General Information

1.1. Client Information

Applicant	:	Cleer Limited
Address	:	UNITS 3306-12 33/F, SHUI ON CENTRE, NOS. 6-8 HARBOUR ROAD, WANCHAI, HK, China
Manufacturer	:	Shenzhen Grandsun Electronic Co., Ltd.
Address	:	East Park, Gaoqiao Industry Zone, Pingdi Street, Longgang, Shenzhen, China
Factory	:	Shenzhen Grandsun Electronic Co., Ltd.
Address	:	East Park, Gaoqiao Industry Zone, Pingdi Street, Longgang, Shenzhen, China

1.2. Description of Device (EUT)

Ner NOV		the point of the state of the s
Product Name	:	ARC 3 Charging Case
Test Model No.	:	GS1399C
Reference Model No.	:	N/A hotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek
Trade Mark	:	Cleer hotek Anborek Anborek Anborek Anbore Antonio
Test Power Supply	:	DC 5V from adapter input AC 120V/60Hz; DC 3.85V battery inside
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/A tek nootek Anborek Anborek Anborek Anborek Anborek
RF Specification		
Operation Frequency	:	2402MHz to 2480MHz
Number of Channel	:	79 Anbotek Anbote Ant hotek Anbotek Anbotek
Modulation Type	:	GFSK, π/4 DQPSK, 8DPSK
Antenna Type	:	PCB Antenna
Antenna Gain(Peak)	:	0.83dBi

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		
Anbotek Anboter	And stek unbote	Anbors An.	tek Anboten Anos		

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1.4. Operation channel list

Operation Band:

1 . C		· · · ·	· O at	124	201	~ <u>~ ~</u>	N.
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0 Anbote	2402	10 bot	2422	20	e* 2442,00te	30 100	2462
tek 1 Anbo	2404	Jek 11	o ^{re*} 2424 pr ^{b0}	21	ote 2444 And	31 And	2464
botek2	2406	12	2426	22	2446	10 ⁰¹⁶ 32	2466
3	2408	13	2428	23 ×	2448	33	2468
4 dotek	2410	Antu 14	2430	24	2450	34	2470
5 potek	2412	15	2432	25	2452	35nbote	2472
ek 6 000	rek 2414 note	16	oter 2434 Moot	26 Anbo	2454	rek 36 Anbr	2474
rek 7	100 2416 M	17	2436	potek 27 An	2456	bote ^K 37 Þ	2476
8	2418	18	2438	28	2458	38	2478
Anbe 9 ek	2420	Anboing	2440	29	2460	39	2480
ANV	Ye	~0°-	Pri.	101	A 10-	No.	

1.5. Description of Test Modes

Pretest Modes	Descriptions				
ibotek AntoTM1 Anto	Keep the EUT in continuously transmitting mode (non-hopping) with GFSK modulation.				
Andorek TM2	Keep the EUT in continuously transmitting mode (non-hopping) with $\pi/4$ DQPSK modulation.				
Anbotet TM3	Keep the EUT in continuously transmitting mode (non-hopping) with 8DPSK modulation.				
Anboret TM4 Anborek	Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,.				
TM5 Anbote	Keep the EUT in continuously transmitting mode (hopping) with $\pi/4$ DQPSK modulation.				
Antor ATM6 Antor	Keep the EUT in continuously transmitting mode (hopping) with 8DPSK modulation.				

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1.6. Measurement Uncertainty

Uncertainty
3.4dB
925Hz
0.76dB
1.24dB
1G-6GHz: 4.78dB; 6G-18GHz: 4.88dB 18G-40GHz: 5.68dB
3.53dB
Horizontal: 3.92dB; Vertical: 4.52dB

level using a coverage factor of k=2.

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1.7. Test Summary

Test Items	Test Modes	Status
Antenna requirement	An abotek / Anboten	AnvPetek
Conducted Emission at AC power line	Mode1,2,3	P
Occupied Bandwidth	Mode1,2,3	PANN
Maximum Conducted Output Power	Mode1,2,3	P Pri
Channel Separation	Mode4,5,6	Pk
Number of Hopping Frequencies	Mode4,5,6	Anbor Potek
Dwell Time	Mode4,5,6	P
Emissions in non-restricted frequency bands	Mode1,2,3,4,5,6	PAND
Band edge emissions (Radiated)	Mode1,2,3	P Ant
Emissions in frequency bands (below 1GHz)	Mode1,2,3	nbot P
Emissions in frequency bands (above 1GHz)	Mode1,2,3	Anbore P.ek
Note: P: Pass of Annotek Annotek Annotek Annotek	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

- 1. The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
- 2. The test report is invalid if there is any evidence and/or falsification.
- 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

Conducted Emission at AC power line

~00	. P. V	Note Ann	. e	N	No. 14	100 C
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
3 of	Software Name EZ-EMC	Farad Technology	ANB-03A	N/A	Arootek	Anboitek
4	EMI Test Receiver	Rohde & Schwarz	ESPI3	100926	2023-10-12	2024-10-11
	N 101	D.V.	107		No No	D.

Dwell	Time vote	K Anbo
Emiss	sions in non-restricte	d frequency bands
Occu	pied Bandwidth	ore Ann ok
Maxir	num Conducted Out	put Power
Chan	nel Separation	not note
Numb	per of Hopping Frequ	iencies
Item	Equipment	Manufacturer
		Provide State Stat

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1 1	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ- KHWS80B	N/A M	2023-10-16	2024-10-15
2	DC Power Supply	IVYTECH	IV3605	1804D360 510	2023-10-20	2024-10-19
Antore	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	101792	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

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		Anbotan	Ano	Anbotek	Anbo	
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date	
EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22	
EMI Preamplifier	SKET Electronic	LNPA- 0118G-45	SKET-PA- 002	2024-01-17	2025-01-16	
Double Ridged Horn Antenna			02555	2022-10-16	2025-10-15	
EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	And	Anbotek	
Horn Antenna	A-INFO	LB-180400- KF	J21106062 8	2023-10-12	2024-10-11	
Spectrum Analyzer Rohde & Schwarz		FSV40-N	101792	2024-05-06	2025-05-05	
7 Amplifier Talent Microwave		TLLA18G40 G-50-30	23022802	2024-05-07	2025-05-06	
	sions in frequency ba Equipment EMI Test Receiver EMI Preamplifier Double Ridged Horn Antenna EMI Test Software EZ-EMC Horn Antenna Spectrum Analyzer	EMI Test ReceiverRohde & SchwarzEMI PreamplifierSKET ElectronicDouble Ridged Horn AntennaSCHWARZBECKEMI Test Software EZ-EMCSHURPLEHorn AntennaA-INFOSpectrum AnalyzerRohde & Schwarz	sions in frequency bands (above 1GHz)EquipmentManufacturerModel No.EMI Test ReceiverRohde & SchwarzESR26EMI PreamplifierSKET ElectronicLNPA- 0118G-45Double Ridged Horn AntennaSCHWARZBECKBBHA 9120DEMI Test Software EZ-EMCSHURPLEN/AHorn AntennaA-INFOLB-180400- KFSpectrum AnalyzerRohde & SchwarzFSV40-NAmplifierTalent MicrowaveTLLA18G40	sions in frequency bands (above 1GHz)EquipmentManufacturerModel No.Serial No.EMI Test ReceiverRohde & SchwarzESR26101481EMI PreamplifierSKET ElectronicLNPA- 0118G-45SKET-PA- 002Double Ridged Horn AntennaSCHWARZBECKBBHA 9120D02555EMI Test Software EZ-EMCSHURPLEN/AN/AHorn AntennaA-INFOLB-180400- KF101792Spectrum AnalyzerRohde & SchwarzFSV40-N101792	sions in frequency bands (above 1GHz)EquipmentManufacturerModel No.Serial No.Last Cal.EMI Test ReceiverRohde & SchwarzESR261014812024-01-23EMI PreamplifierSKET ElectronicLNPA- 0118G-45SKET-PA- 0022024-01-17Double Ridged Horn AntennaSCHWARZBECKBBHA 9120D025552022-10-16EMI Test Software EZ-EMCSHURPLEN/AN/A/Horn AntennaA-INFOLB-180400- KFJ21106062 	

Emissions in frequency bands (below 1GHz)

	biolic in inequelley be					
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	EMI Test Receiver	Test Receiver Rohde & Schwarz		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
Antote	Loop Antenna (9K- 30M)	Schwarzbeck	FMZB1519 B	00053	2023-10-12	2024-10-11
5.nb	EMI Test Software EZ-EMC	SHURPLE	N/A N/A	N/A not	ek Anbo	k Anbotek

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2. Antenna requirement

hotek Anbo.	Refer to 47 CFR Part 15.203, an intentional radiator shall be designed to
And k botek	ensure that no antenna other than that furnished by the responsible party
Test Requirement:	shall be used with the device. The use of a permanently attached antenna or
An stek anbot	of an antenna that uses a unique coupling to the intentional radiator shall be
K Anbo, A	considered sufficient to comply with the provisions of this section.

2.1. Conclusion

The antenna is a PCB antenna which permanently attached, and the best case gain of the antenna is 0.83dBi. It complies with the standard requirement.

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3. Conducted Emission at AC power line

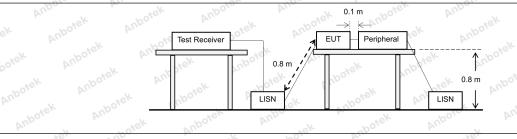
Test Requirement:	Refer to 47 CFR 15.207(a), Except section, for an intentional radiator public utility (AC) power line, the r back onto the AC power line on an band 150 kHz to 30 MHz, shall not measured using a 50 µH/50 ohms (LISN).	that is designed to be con adio frequency voltage that ny frequency or frequencie of exceed the limits in the fo	nected to the at is conducted s, within the ollowing table, as
abotek Anbor	Frequency of emission (MHz)	Conducted limit (dBµV)	An wotek
	And k hotek Anbor	Quasi-peak	Average
Anbor An.	0.15-0.5	66 to 56*	56 to 46*
Test Limit:	0.5-5 tek noote And	56 horek An	46
	5-30 And	60	50 ten And
	*Decreases with the logarithm of t	the frequency.	
Test Method:	ANSI C63.10-2020 section 6.2	abotek Anbote.	And
Procedure:	Refer to ANSI C63.10-2020 section line conducted emissions from un		

3.1. EUT Operation

Operating Environment:

And	1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-
tek nbore	hopping) with GFSK modulation.
Toot mode	2: TX-π/4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode
Test mode:	(non-hopping) with $\pi/4$ DQPSK modulation.
ak sol	3: TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-
Anbor An	hopping) with 8DPSK modulation.

3.2. Test Setup



Shenzhen Anbotek Compliance Laboratory Limited

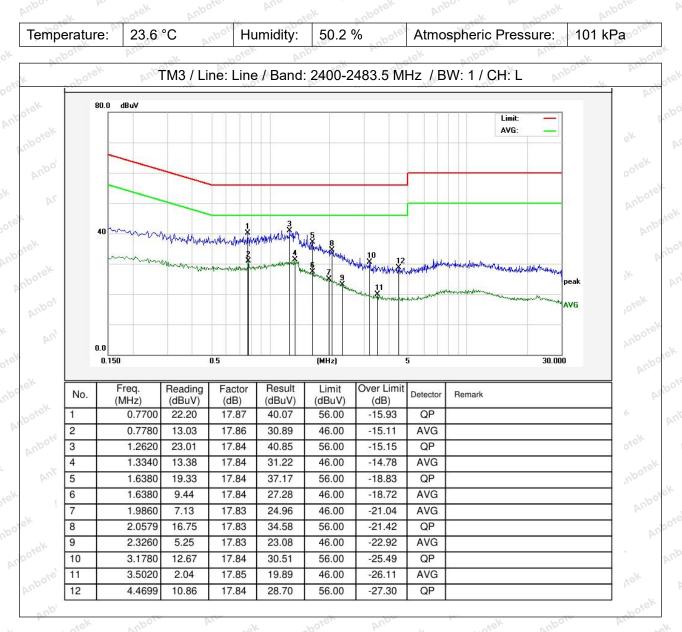
Address:1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755-26066440 Fax:(86)0755-26014772 Email:service@anbotek.com





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3.3. Test Data

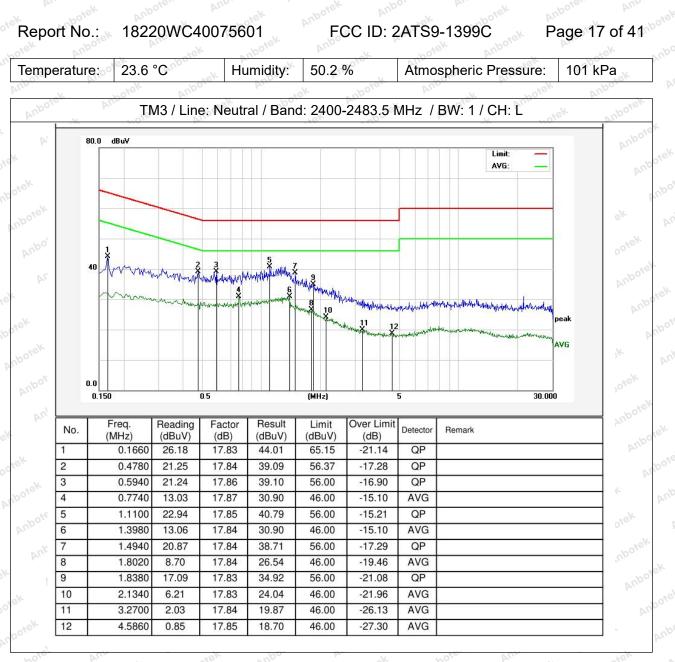


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Note:Only record the worst data in the report.

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4. Occupied Bandwidth

Toot Doguiromont	47 CER 15 215(a)
Test Requirement:	47 CFR 15.215(c)
Anbotek Anbote	Refer to 47 CFR 15.215(c), intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§
k sbotek Anbo.	15.217 through 15.257 and in subpart E of this part, must be designed to
Test Limit:	ensure that the 20 dB bandwidth of the emission, or whatever bandwidth
otek Anbor Ar	may otherwise be specified in the specific rule section under which the
et botek	equipment operates, is contained within the frequency band designated in
inbore Ann tek	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.
Anbote. And	The occupied bandwidth is the frequency bandwidth such that, below its
h hotek Anbor	lower and above its upper frequency limits, the mean powers are each equal
And	to 0.5% of the total mean power of the given emission. The following
stek anbore An	procedure shall be used for measuring 99% power bandwidth:
k hotek	a) The instrument center frequency is set to the nominal EUT channel center
nboten Anb	frequency. The frequency span for the spectrum analyzer shall be between
otek Anbote.	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
aboten Anbe	5% of the OBW, and VBW shall be at least three times the RBW, unless
A	otherwise specified by the applicable requirement.
Anbo	c) Set the reference level of the instrument as required, keeping the signal
ek aboten Anb	from exceeding the maximum input mixer level for linear operation. In
Allek	general, the peak of the spectral envelope shall be more than [10 log
botek Anbo, P	(OBW/RBW)] below the reference level. Specific guidance is given in
rek abotek	4.1.6.2.
Anbor An	d) Step a) through step c) might require iteration to adjust within the
Procedure:	specified range.
An-	e) Video averaging is not permitted. Where practical, a sample detection and
Anbor An	single sweep mode shall be used. Otherwise, peak detection and max-hold
	mode (until the trace stabilizes) shall be used.
An	f) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.
notek Anboir A	g) If the instrument does not have a 99% power bandwidth function, then the
welt wotek	trace data points are recovered and directly summed in linear power terms.
Anbore Ane	The recovered amplitude data points, beginning at the lowest frequency, are
hotek Anboro	placed in a running sum until 0.5% of the total is reached; that frequency is
Ant work botek	recorded as the lower frequency. The process is repeated until 99.5% of the
Anbore Ano	total is reached; that frequency is recorded as the upper frequency. The 99%
k hotek anbo	power bandwidth is the difference between these two frequencies.
Ant	h) The occupied bandwidth shall be reported by providing spectral plot(s) of
otek anbore. An	the measuring instrument display; the plot axes and the scale units per
w wotek	division shall be clearly labeled. Tabular data may be reported in addition to
nboten Anb	the plot(s).

4.1. EUT Operation

Operating Environment:

Test

t mode:	1: TX-GFSK (Non-Hopping): Keep the I	EUT in continuously	r transmitting	g mode (non-
t mode.	hopping) with GFSK modulation.	Anbo	Notek	Anbore Ar

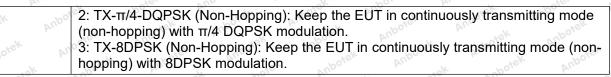
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4.2. Test Setup

100	tek Ar	botek p	EUT		_ Spectrum An	alyzer	otek Ar	Anbotek P	.n
P.S	ibote.	Ancobotek	Anbor	Al.	Anboten	Ano-	.nº potek	Anbotek	
	A 2 Teef	Data vel						aboten	

4.3. Test Data

Temperature:	25.5 °C	PUP	Humidity:	47 %	Anbo	Atmospl	heric Pres	ssure:	101 kPa	00.
. AV			NO. N	1°		201	A OM		-V-	100

Please Refer to Appendix for Details.

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5. Maximum Conducted Output Power

Test Requirement:	47 CFR 15.247(b)(1)
Anborek Anborek Anborek	Refer to 47 CFR 15.247(b)(1), For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts.
Test Method:	ANSI C63.10-2020, section 7.8.5
Anbotek Anbotek Anbotek Anbotek 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.
Andorek Andorek	 a) Trace. Max-fold. b) Allow trace to stabilize. b) Use the marker-to-peak function to set the marker to the peak of the emission.
ibotek 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
Anbotek Anbotek Anbotek Anbotek	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
Anbr otek Anb	analyzer.

5.1. EUT Operation

Operating Envir	ronment:					
Test mode:	1: TX-GFSK (Nor hopping) with GF 2: TX-π/4-DQPS (non-hopping) wi 3: TX-8DPSK (No hopping) with 8D	SK modulation. K (Non-Hopping h π/4 DQPSK n on-Hopping): Ke): Keep the I nodulation. ep the EUT	EUT in continu	iously trans	mitting mode

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5.2. Test Setup

And Anbotek Anbote Att otek Anboter And tek Anbotek An	A			EUT	Spec	trum Analyzer	P1		Anbotek	
		Anthotek	Anborc	A'''	Anboter	Ano-	anbotek	Anbotek	Anbo	

5.3. Test Data

Temperature:	25.5 °C	Humidity:	47 %	Atmospheric Pressure:	101 kPa
AV.	N NO.	Pr.	10.	A OV	NO.

Please Refer to Appendix for Details.

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6. Channel Separation

Test Requirement:	47 CFR 15.247(a)(1)
Test Limit: Anborek	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
Procedure:	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. 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 Envir	ronment;ek Anborek Anborek Anborek Anbor
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

otel		EUT	Va. 5.05	Spectrum Ana	alyzer		unbotek Anb
	nbotek Anboten	botek	Anbor	All.	Anboten	Anboten	Anbertek
	6.3. Test Data	Anbotek	Anboten	Anbe	Anbotek	Anbore	Anbotek

Temperature:25.5 °CHumidity:47 %Atmospheric Pressure:101 kPa

Please Refer to Appendix for Details.

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PUE





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7. Number of Hopping Frequencies

Test Requirement:	47 CFR 15.247(a)(1)(iii)
Test Limit:	Refer to 47 CFR 15.247(a)(1)(iii), Fequency hopping systems in the 2400- 2483.5 MHz band shall use at least 15 channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 channels are used.
Test Method:	ANSI C63.10-2020, section 7.8.3
Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek Anborek	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. e) Detector function: Peak. f) Trace: Max-hold. g) Allow the trace to stabilize. 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 Envir	ronment:
Test mode: Anborek	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

- P		Vn . 70 .		.M. 0	.0.	N	- 1 ⁶ .
×eK	abotek A	<i>n</i>	1 1	-			
0°`		EUT		Spectrum Ana	alyzer		
nboten			L L	~~~	6.XX	Anbo	hotek
An	Anboter	And	botek	Anbo	An	Anbore.	And
Anos	Yek.	. nboit	All	hoter	AND	etek.	nbor

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7.3. Test Data

Temperature:	25.5 °C	Hur	nidity:	⁶ 47 %	Anboro	Atmosphe	eric Pressure:	101 kPa	a " _{ek}
And		Anbo.	by.		nbote	AUL			
Please Refer to	o Appendix f	for Details.							

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8. Dwell Time

		\/ / /	hotek	Aupu.	h. hotek	Anbore
Test Requirement:	47 CFR 15.247(a	<u></u>	All	Anboten	And	k potek
botek Anbor	Refer to 47 CFR					
	2483.5 MHz band					
Track I Anbore All	occupancy on an					
Test Limit:	period of 0.4 seco					ineis
	employed. Frequ					thotek .
otek Anbore.	transmissions on 15 channels are		ar nopping i	requency pr	ovided that a	i minimum or
Test Method:	ANSI C63.10-202	No.	7.8.4	Anthotek	Anbotek	Aupo.
Ant rek nborek	The dwell time pe	No.		the time fro	m the start o	f the first
	transmission to th					
	a single transmis					
	transmission. If th					
	dwell time is mea					
where hotek	the last transmiss		poter Plant P	nu -k	hotek	Anbo
	botek Anbo	, iii bo.		Anbote.		
	The time of occur	pancy is th	e total time	that the dev	vice dwells or	n a channel
	over an observat					
aboten Anb	determine the tim					
All ek abote	measure both the					
	transmits on a sp					
	her arek		Puro.			
	The EUT shall ha	ve its hop	oina functio	n enabled. C	Compliance v	vith the
	requirements sha					
k wotek	number of chann					
	the number of ch					
	based on the min					
	dwell times per cl					
Procedure:	for 1, 3 or 5 time	slots) then	measurem	ents can be	limited to the	e longest
Nocedule.	dwell time with th	e minimun	n number of	f channels.	Jek S	boten And
			. Ye			
	Use the following	spectrum	analyzer se	ettings to def	termine the d	lwell time per
	hop: Mode	N	-otek	Anbort		abotek
				otek		
be work	a) Span: Zero spa					
	b) RBW shall be					
	set >> 1 / T, wher	e T is the o	expected tra	ansmission t	ime per hop.	
	c) Sweep time: S					
	last transmission					
Al.	be slightly longer			od per chan	nel (hopping	period =
	1/hopping rate) s					
	d) Use a video tri					
	the transmission					
	to reduce the cha	nce of trig	gering whe	n the system	n hops on an	adjacent
	channel.					
aboten Anbo	e) Detector functi			k abote		
	f) Trace: Clear-wi			Pr.	dek ab	oter And
	g) Place markers					
	the end of the las	t transmis	sion. The d	well time per	⁻ hop is the ti	me between

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hotek Anbotek	these two markers.
hotek Anbote.	To determine the number of hops on a channel in the regulatory observation
Ant Anbotek	period repeat the measurement using a longer sweep time. When the device uses a single hopping sequence the period of measurement should be
K Anbotek Anbot	sufficient to capture at least 2 hops. When the device uses a dynamic hopping sequence, or the sequence varies, the period of measurement may
otek Anbotek Ant	need to capture multiple hops to better determine the average time of occupancy. Count the number of hops on the channel across the sweep
nbotek Anbotek	time.
Anbotek Anbote	The average number of hops on the same channel within the regulatory observation period is calculated from the number of hops on the channel
Anboten Anbo	divided by the spectrum analyzer sweep time multiplied by the regulatory
Anbote: And	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
tek Anbore An-	number of hops in that ten seconds is $3/0.5 \times 10$, or 60 hops.
hbotek Anboitek	The average time of occupancy is calculated by multiplying the dwell time per hop by the number of hops in the observation period.

Operating Environment:

otek Anbotek	4: TX-GFSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,.
Test mode:	5: TX- π /4-DQPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with π /4 DQPSK modulation.
Anbor An	6: TX-8DPSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with 8DPSK modulation.
8.2. Test Set	UD botek Anbore Anto tek Anborek Anborek Anborek Anbore

8.2. Test Setup

			EUT		Spectrum	Analyzer		
3K-	nbotek	Anbu	n.	hotek	Anbote	An	Yek.	

8.3. Test Data

Temperature:25.5 °CHumidity:47 %Atmospheric Pressure:101 kPa	A OY	d'a	- VoV	1. N.		20	A 0 M	NU.
	Temperature:	25.5 °C	Ans	Humidity:	47 %	Aupo	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
Test Limit: Anborek	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
hbotek Anbotek	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.
ek Anbois Ain potek Anbotek A Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	Connect the primary antenna port through an attenuator to the spectrum analyzer input; in the results, account for all losses between the unlicensed wireless device output and the spectrum analyzer. The frequency range of testing shall span 30 MHz to 10 times the operating frequency and this may be done in a single sweep or, to aid resolution, across a number of sweeps. The resolution bandwidth shall be 100 kHz, video bandwidth 300 kHz, and a coupled sweep time with a peak detector.
Procedure:	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
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	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.
k Anbotek Anbo	When conducted measurements cannot be made (for example a device with integrated, non-removable antenna) radiated measurements shall be used.
onc Anto Inbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	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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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 Envir	onment:
oten Anbou	1: TX-GFSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-
botek Anbo.	hopping) with GFSK modulation.
and anotek Anbr	2: TX-π/4-DQPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non-hopping) with $\pi/4$ DQPSK modulation.
An-	3: TX-8DPSK (Non-Hopping): Keep the EUT in continuously transmitting mode (non- hopping) with 8DPSK modulation.
Test mode:	4: TX-GFSK (Hopping): Keep the EUT in continuously transmitting mode (hopping) with GFSK modulation,.
anboten k	5: TX- π /4-DQPSK (Hopping): Keep the EUT in continuously transmitting mode
nbotek Anboten	(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

Anbotek	Anbote	EUT	Spectrum	Analyzer		ibotek Anbote
9.3. Test Dat	Anbu ak Anbore	k Anbotek	Anbotek	Ant- Anbotek	Anbotek	Anborek Anb
Temperature:	25.5 °C	Humidity:	47 %	Atmospher	c Pressure:	101 kPa

Please Refer to Appendix for Details.

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10. Band edge emissions (Radiated)

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 Anbot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
	0.009-0.490	2400/F(kHz)	300 Moore
aboten Anbo	0.490-1.705	24000/F(kHz)	30 Jotek
	1.705-30.0	30° tek npo	30 And
	30-88	100 **	3 et noote
	88-216	150 **	3
	216-960	200 ***	3 boten And
	Above 960	500 hotek Anbo	3 dek no
Test Limit: Met	intentional radiators operati frequency 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- 90 kHz, 110–490 kHz and a	ragraph (g), fundamental emissi ing under this section shall not b iz, 76-88 MHz, 174-216 MHz or these frequency bands is permitt § 15.231 and 15.241. e, the tighter limit applies at the b in the above table are based on beak detector except for the freq above 1000 MHz. Radiated emise of on measurements employing	e located in the 470-806 MHz. ed under other band edges. measurements uency bands 9– sion limits in
Test Method:	ANSI C63.10-2020 section	6.10 ^{°K} ^{mboo}	ek abote.

10.1. EUT Operation

Operating Envir	ronment:	Anbo, A	botek	Anbote.	And	Anbotek	Anbo
Test mode:	hopping) with 2: TX-π/4-DQ (non-hopping 3: TX-8DPSK	Non-Hopping) GFSK modula PSK (Non-Hop) with π/4 DQF (Non-Hopping 8DPSK modu	ation. oping): Keep PSK modula J): Keep the	o the EUT in tion.	n continuously	transmitting i	mode

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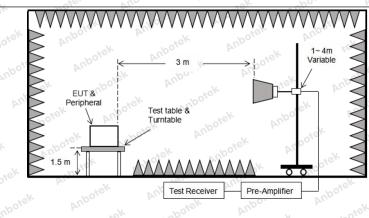
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





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10.2. Test Setup



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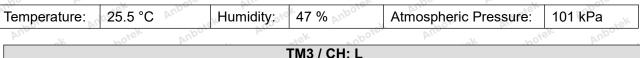


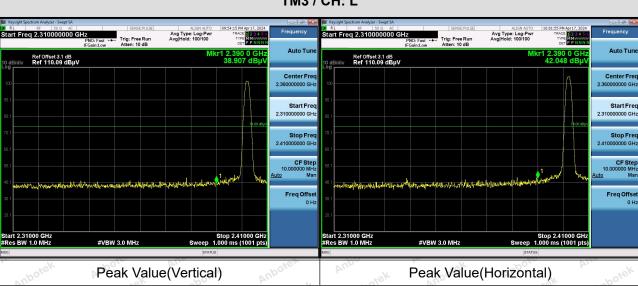


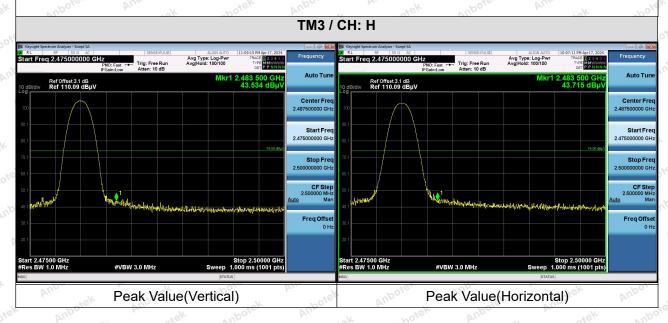
FCC ID: 2ATS9-1399C

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10.3. Test Data







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:	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)).					
tek unbotek Anbon	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)			
v hotek	0.009-0.490	2400/F(kHz)	300 000			
nboten Anbe	0.490-1.705	24000/F(kHz)	30 John Market			
Ar nboter	1.705-30.0	30° All atek popo	30 400			
Anboy k hotek	30-88	100 **	3 tek Anbore			
aboten Anbe	88-216	150 **	3			
All otek Mbote	216-960	200 **	3 bote And			
Anbor	Above 960	500 potent prob	3 stek snb			
Test Limit: Stell	 ** 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. 					
Test Method:	ANSI C63.10-2020 section	6.6.4	ak Anbore			
Procedure:	ANSI C63.10-2020 section	6.6.4 And Andrew Alter	otek Anboten			
bote. And	dek nbo.	h. An	Notek.			

11.1. EUT Operation

Operating Envir	ronment: Anbo Ak potek Anbore Ano stek motek Anbo
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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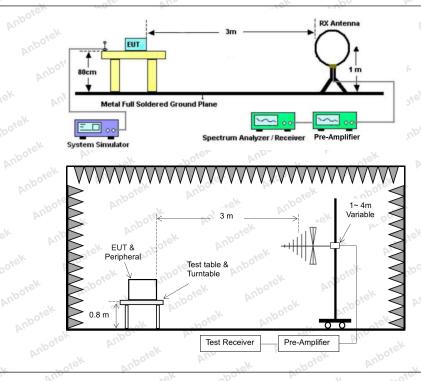
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11.2. Test Setup



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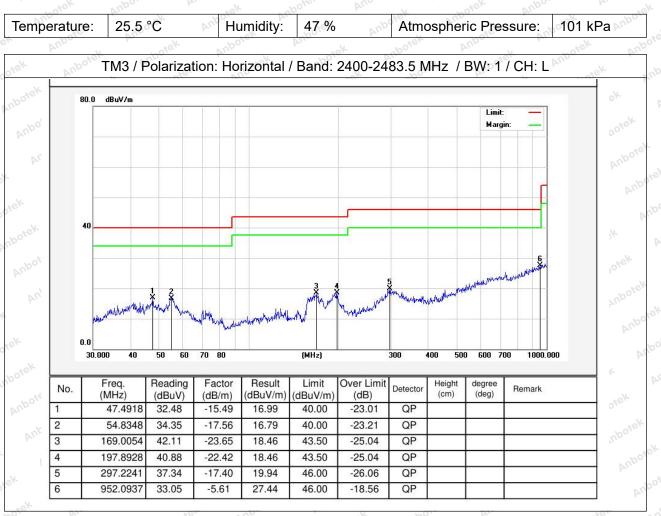
Address:1/F.,Building D,Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





11.3. Test Data

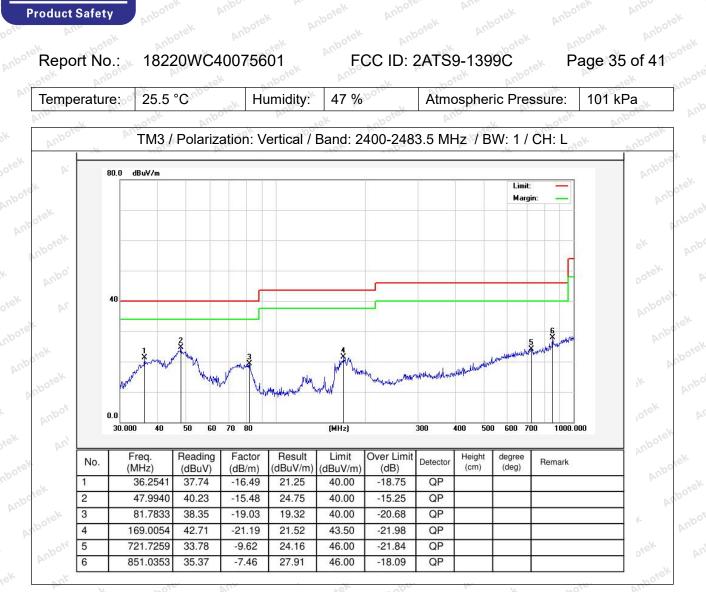
The test results of 9kHz-30MHz was attenuated more than 20dB below the permissible limits, so the results don't record in the report.



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Note:Only record the worst data in the report.

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12. Emissions in frequency bands (above 1GHz)

Test Requirement:	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 otek Mbotek An	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)			
v hotek	0.009-0.490	2400/F(kHz)	300 mbore			
nboten And	0.490-1.705	24000/F(kHz)	30 otek			
atek anboter	1.705-30.0	30° At More And	30			
Anboy K. wotek	30-88	100 **	3 ok noore			
aboten Anbe	88-216	150 **	3			
Ar. stek Anbote	216-960	200 **	3 boten Ant			
Anbo	Above 960	500 poter Andre	3 stek onb			
Test Limit: orek Anborek Anbor	 ** 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. 					
Test Method:	ANSI C63.10-2020 section	6.6.4				
Procedure:	ANSI C63.10-2020 section	6.6.4 otek Anbore Att	otek Anboten			
bote. And	dek pho.	h. at bore An	otek			

12.1. EUT Operation

Operating Envir	nmentiek Anbor An potek Anbore And Anborek Anbo
Test mode:	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.

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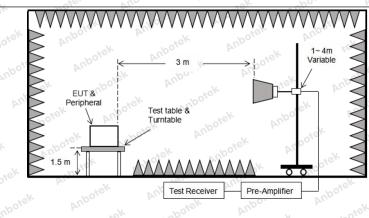
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. Tel:(86)0755–26066440 Fax:(86)0755–26014772 Email:service@anbotek.com





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12.2. Test Setup



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12.3. Test Data

Temperature:	25.5 °C	0~ .xe	Humidity:	⁴⁷ % ^{Anbore}	Atmospheric Pressure:	101 kPa
202	You.	20.	Pr.	10	NOV	lek bo.

TM3 / CH: L Peak value:								
4804.00	28.77	15.27	44.04	74.00	-29.96	Vertical		
7206.00	29.66	18.09	47.75	74.00	-26.25	Vertical		
9608.00	31.03	23.76	54.79	74.00	-19.21	Vertical		
12010.00	Anbote * Ar	in sek	abotek Anb	74.00	otek Anbot	Vertical		
14412.00	Anbo*ek	Anbo	hotek P	74.00	stek ont	Vertical		
4804.00	29.01	15.27	44.28	74.00	-29.72	Horizontal		
7206.00	30.43	18.09	48.52	74.00	-25.48	Horizontal		
9608.00	28.92	23.76	52.68	74.00	-21.32	Horizontal		
12010.00	potek * Anbo	ak ho	iek Anbore	74.00	t nbotek	Horizontal		
14412.00	botek* An	pore Arr	atek anb	74.00	ak soote	Horizontal		

Average value:

Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4804.00	18.15	15.27	33.42	54.00	-20.58	Vertical
7206.00	18.69	18.09	36.78	54.00	-17.22	Vertical
9608.00	20.05	23.76	43.81	54.00	-10.19	Vertical
12010.00	notet.	Anboten An		54.00 × 54	-k ve	Vertical
14412.00	Ant * tek	nbotek	Anbor	54.00	bote. And	Vertical
4804.00	17.36	15.27	32.63	54.00	-21.37	Horizontal
7206.00	19.49	18.09	37.58	54.00	-16.42	Horizontal
9608.00	18.23	23.76	41.99	54.00	-12.01	Horizontal
12010.00	stek *	otek Anbor	ak hot	54.00	And	Horizontal
14412.00	nbo *	botek Ant	ofe. And	54.00 NO	ek Anbo	Horizontal
		111-	19.	0× 1	V	la VIII

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Report No.:

14646.00

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otek Anbore	Ann	Anbotek	Anbo	hotek	Anbore A	otek vi
		Ī	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	28.79	15.42	44.21	74.00	-29.79	Vertical
7323.00	29.51	18.02	47.53	74.00	-26.47	Vertical
9764.00	30.04	23.80	53.84	74.00	-20.16	Vertical
12205.00	ek * abotek	Anbor	pri notek	74.00	And	Vertical
14646.00	*	rek Anbore	And	74.00	Anbo	Vertical
4882.00	28.71	15.42	44.13	74.00	-29.87	Horizontal
7323.00	30.42	18.02	48.44	74.00	-25.56	Horizontal
9764.00	28.62	23.80	52.42	74.00 PM	-21.58	Horizontal
12205.00	* otek	Anboten	And	74.00	Inbo. P.	Horizontal
14646.00	A * otek	Anbotek	Anbor	74.00	Anbore	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4882.00	17.88	15.42	33.30	54.00	-20.70	Vertical
7323.00	18.79	18.02	36.81	54.00	-17.19 AM	Vertical
9764.00	19.91	23.80	43.71	54.00	-10.29	Vertical
12205.00	* * *nbore	Am	anboten	54.00	abotek	Vertical
14646.00	otek * Anbot	And	ek abotek	54.00	A	Vertical
4882.00	17.27	o ^{tek} 15.42	32.69	54.00	-21.31	Horizontal
7323.00	19.05	18.02	37.07	54.00	-16.93	Horizontal
9764.00	18.74	23.80	42.54	54.00	11.46 M	Horizontal
12205.00	anboten	Anb	abotek	54.00	wotek p	Horizontal

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botek Α **Product Safety**

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		٦	ГM3 / CH: H			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4960.00	29.06	15.58	44.64	74.00	-29.36	Vertical
7440.00	29.52	17.93	47.45	74.00	-26.55	Vertical
9920.00	30.59	23.83	54.42	74.00	-19.58	Vertical
12400.00	* wotek	anboten	And	74.00	Anbor	Vertical
14880.00	* And	ek nbotel	Anbo	74.00	Anbore	Vertical
4960.00	28.78	15.58	44.36	74.00	-29.64	Horizontal
7440.00	30.45	17.93	48.38	74.00	-25.62	Horizontal
9920.00	29.30	23.83	53.13	74.00	-20.87	Horizontal
12400.00	Anb *	abotek	Anbo, p	74.00	nbote, Ant	Horizontal
14880.00	AR	p	Anboten	74.00	abotek	Horizontal

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Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4960.00	19.00	15.58	34.58	54.00	-19.42	Vertical
7440.00	19.80	17.93	37.73	54.00	-16.27	Vertical
9920.00	20.46	23.83	44.29	54.00	-9.71	Vertical
12400.00	K *nbotek	Anbo	botek	54.00	Annatek	Vertical
14880.00	* * bot	sk Auport	An	54.00	Anbe	Vertical
4960.00	18.71	15.58 Mot	34.29	54.00	-19.71	Horizontal
7440.00	20.42	17.93	o ^{tek} 38.35 M ^{boo}	54.00	-15.65	Horizontal
9920.00	18.64	23.83	42.47	54.00	-11.53	Horizontal
12400.00	* * etek	Anbors	Ann	54.00	100 M	Horizontal
14880.00	All*	Anboten	And	54.00	Aupor	Horizontal

Remark:

- 1. Result =Reading + Factor
- "*" means the test results were attenuated more than 20dB below the permissible limits, so the 2. results don't record in the report.
- Only the worst case is recorded in the report. 3.

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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 ----

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