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FCC Test Report

Applicant SINOWELL(SHANGHAI)CO.,LTD

Room 301 North Buliding, No551, west Gaoke Address

Road, Pudong District, Shanghai, 200126, China

AeroLab Smart Thermometer Hygrometer Product Name

Report Date : Sept. 12, 2023









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TEST REPORT

Applicant : SINOWELL(SHANGHAI)CO.,LTD

Manufacturer : SINOWELL(SHANGHAI)CO.,LTD

Product Name : AeroLab Smart Thermometer Hygrometer

Test Model No. : VS-THB1

Reference Model No. : VS-THB1S

Trade Mark : AeroLab

Rating(s) : Input: DC 4.5V with "AAA*3" battery

Test Standard(s) : 47 CFR Part 15.247

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:	Aug. 17, 2023
Date of Test: And	Aug. 17 ~ 28, 2023
	Nian xiu Chen
Prepared By:	Aug Aug
k abotek Anbotek Anbotek Anbotek Ar	(Nianxiu Chen)
	Edward pan
Approved & Authorized Signer:	Wotek Aupote. Aug
The stek upotek Anbore Anborek Anborek	(Edward Pan)







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Revision History

	Report Version	Description	Issued Date
	Anbore R00 potek Ant	Original Issue.	Sept. 12, 2023
3	Anbotek Anbotek	Anbotek Anbotek Anbotek	K Anbotek Anbotek Ant
10	or Anbotek Anbotek	Anbotek Anbotek Anbot	tek Anbotek Anbotek





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1. General Information

1.1. Client Information

6.11	10,000	10 AT AT AT AT
Applicant	:	SINOWELL(SHANGHAI)CO.,LTD
Address	:	Room 301 North Buliding, No551, west Gaoke Road, Pudong District, Shanghai, 200126, China
Manufacturer	:	SINOWELL(SHANGHAI)CO.,LTD
Address	:	Room 301 North Buliding, No551, west Gaoke Road, Pudong District, Shanghai, 200126, China
Factory	:	SINOWELL(SHANGHAI)CO.,LTD
Address	:	Room 301 North Buliding, No551, west Gaoke Road, Pudong District, Shanghai, 200126, China

1.2. Description of Device (EUT)

Product Name		AeroLab Smart Thermometer Hygrometer
Test Model No.		VS-THB1
Reference Model No.	:	VS-THB1S (For models differences: Model VS-THB1 without 3m temperature sensor probe, Model VS-THB1S with 3m temperature sensor probe; According to their differences, we prepare "VS-THB1" for test only.)
Trade Mark	:	AeroLab
Test Power Supply	:	DC 4.5V battery
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/A nbotek Anbotek Anbotek Anbotek Anbotek
RF Specification		
Operation Frequency	:	2402MHz to 2480MHz
Number of Channel	:	40 Channels
Modulation Type	:	GFSK Anbotek Anbotek Anbotek Anbotek
Antenna Type	:	PCB Antenna
Antenna Gain(Peak)	:	3.5 dBi Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek

Remark:

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







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1.3. Auxiliary Equipment Used During Test

Title	Manufacturer	Model No.	Serial No.
W. Vosek Auposes	And stek I nobotek	Aupo, A Air potek	Anbore / And

1.4. Operation channel list

*6. VA					76,		
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
nbo'0k	2402	10	2422	20 k	2442	Pup 30	2462
Josek	2404	11 otok	2424	21	2444	31	2464
2 botek	2406	12	2426	22	2446	32nbole	2466
3	2408	13	2428	23 Anbo	2448	rek 33 Anbs	2468
4	2410	14 And	2430	otek 24 An	2450	34 N	2470
botes 5	2412	nbotel15	2432	25	2452	35	2472
Aupor6	2414	16	2434	26	2454	36 ×	2474
Anl Brek	2416	170 rek	2436	Amaz 27 rek	2456	37	2476
8 _{nbořek}	2418	18 000	2438	28	2458	38	2478
× 9 %	2420	19	2440 noote	29 ^{kmb0}	2460	ek 39 Anbo	2480

1.5. Description of Test Modes

Pretest Modes	Descriptions
Anborek TM1	Keep the EUT connect to AC power line and works in continuously transmitting mode with GFSK modulation.

1.6. Measurement Uncertainty

Parameter	Uncertainty
Occupied Bandwidth	925Hz
Conducted Output Power	0.76dB Anbores Anbores Anbores
Conducted Spurious Emission	1.24dBotek Anbotek Anbotek
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	P
Conducted Emission at AC power line	Anbore Anbore	N ^{And}
Occupied Bandwidth	Mode1	P
Maximum Conducted Output Power	Mode1	nbote Pk
Power Spectral Density	Mode1	Anbot P tek
Emissions in non-restricted frequency bands	Mode1	A P
Band edge emissions (Radiated)	Mode1	Panbo
Emissions in frequency bands (below 1GHz)	Mode1	P An
Emissions in frequency bands (above 1GHz)	Mode1	pore P
Note: P: Pass N: N/A, not applicable	Anbotek Anbotek	Anbotek

1.8. Description of Test Facility

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

FCC-Registration No.:184111

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. 184111.

CAB Identifier: CN0059 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.518128





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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.
- 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.
- 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

Occupied Bandwidth

Maximum Conducted Output Power

Power Spectral Density

Emissions in non-restricted frequency bands

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
olek	MXG RF Vector Signal Generator	Agilent	N5182A	MY481806 56	2022-10-13	2023-10-12
2004	Power Meter	Agilent	N1914A	MY500011 02	2022-10-26	2023-10-25
3 _{An} l	DC Power Supply	IVYTECH	IV3605	1804D360 510	2022-10-22	2023-10-21
4	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY505318 23	2023-02-23	2024-02-22
5	Oscilloscope	Tektronix	MDO3012	C020298	2022-10-19	2023-10-18

	edge emissions (Ra sions in frequency ba		k Aupotek	Aupotek	ak hotek	Anbotek
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2022-10-23	2023-10-22
2	EMI Preamplifier	SKET Electronic	LNPA- 0118G-45	SKET-PA- 002	2022-10-13	2023-10-12
3	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	2022-10-16	2025-10-15
4 4	EMI Test Software EZ-EMC	SHURPLE	N/A ^{ootest}	N/A	k Aupotek	Aupo, potek
5	Horn Antenna	A-INFO	LB-180400- KF	J21106062 8	2022-10-23	2023-10-22
6	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	101792	2023-05-26	2024-05-25
o*e ^k 7	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2023-05-25	2024-05-24

Emis	Emissions in frequency bands (below 1GHz)							
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date		
1	EMI Test Receiver Rohde & Schwarz		ESR26	101481	2022-10-23	2023-10-22		
· · 2	2 Pre-amplifier SONOMA 3 Bilog Broadband Antenna Schwarzbeck		310N	186860	2022-10-23	2023-10-22		
Anb3rek			VULB9163	345	2022-10-23	2025-10-22		
400	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	tek Alpo	Arlootek		







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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 **PCB Antenna** which permanently attached, and the best case gain of the antenna is **3.5 dBi**. It complies with the standard requirement.





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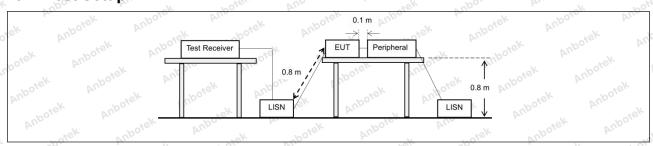
3. Conducted Emission at AC power line

Test Requirement:	Refer to 47 CFR 15.207(a), Except as shown in paragraphs (b)and (c)of this section, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the					
Otek Pupotek Vul	band 150 kHz to 30 MHz, shall no measured using a 50 μH/50 ohms (LISN).	t exceed the limits in the fo	ollowing table, as			
aboiek Ando	Frequency of emission (MHz)	Conducted limit (dBµV)	r rotek			
Ar. abover	And k hotek Anbo.	Quasi-peak	Average			
Tablinait Siek	0.15-0.5	66 to 56*	56 to 46*			
Test Limit:	0.5-5 And Andrew	56 MATER AND	46			
All.	5-30 know	60	50 And			
Aupo, K	*Decreases with the logarithm of the frequency.					
Test Method:	ANSI C63.10-2013 section 6.2 ANSI C63.10-2020 section 6.2	Aupotek Aupotek	Anbotek A			
Propodura:	Refer to ANSI C63.10-2013 section 6.2, standard test method for ac power-line conducted emissions from unlicensed wireless devices					
Procedure:	Refer to ANSI C63.10-2020 section 6.2, standard test method for ac power- line conducted emissions from unlicensed wireless devices					

3.1. EUT Operation

Operating Environment:	20.K	botek	Aupote	Ann	Anborek	Vupo,	P
200				ect to AC pow		orks in	40
Test mode:	continuo	usiy transm	itting mode v	with GFSK mo	dulation.		

3.2. Test Setup



3.3. Test Data

Not applicable. The EUT is powered by DC 4.5V battery inside, so there is no need to conduct this test.







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4. Occupied Bandwidth

Test Requirement:	47 CFR 15.247(a)(2)
Test Limit:	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.
· bup.	set mbo k bor am set
Test Method:	ANSI C63.10-2013, section 11.8
rest ivietnod.	ANSI C63.10-2020, section 11.8 KDB 558074 D01 15.247 Meas Guidance v05r02
tooler Ande	
	a) Set RBW = 100 kHz.
	b) Set the VBW >= [3 × RBW].
	c) Detector = peak.
	d) Trace mode = max hold.
	e) Sweep = auto couple.
	f) Allow the trace to stabilize.
	g) Measure the maximum width of the emission that is constrained by the
	frequencies associated with the two outermost amplitude points (upper and
	lower frequencies) that are attenuated by 6 dB relative to the maximum level
	measured in the fundamental emission.
	Unpole Aug Pek Polek Wilder William Olek Vinpole
	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.
The Pupp	b) Set the VBW ≥ [3 × RBW].
	c) Detector = peak.
Procedure:	d) Trace mode = max-hold.
Loter Anbor	e) Sweep = No faster than coupled (auto) time.
And	f) Allow the trace to stabilize.
aborer And	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
iek abote.	amplitude" value, then it shall be as close as possible to this value.
	Spotes And A hotek Ando, A tek Subotes
	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
Wipotek Vipos	function. Tek Moore And
	When using this capability, care shall be taken so that the bandwidth
	measurement is not influenced by any intermediate power nulls in the
	fundamental emission that might be ≥ 6 dB.

4.1. EUT Operation

	Operating Environment:	Aupo. W.	-botek Anb	ote, Aug	Anbotek	Aupo.
.0	1: TX mode: Keep the EUT connect to AC power line and works in Continuously transmitting mode with GFSK modulation.					
	W. Sek		, otek		iek aboje	AUD



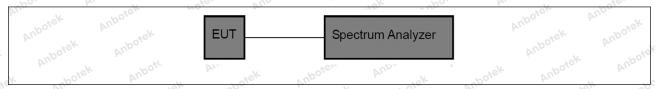






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4.2. Test Setup



4.3. Test Data

	05.0.00	- Va	10.0000	Dir.	42000 1 2
Temperature:	25.6 °C	Humidity:	48 %	Atmospheric Pressure:	1012 hPa





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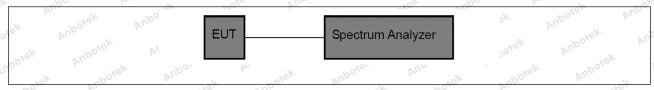
5. Maximum Conducted Output Power

Test Requirement:	47 CFR 15.247(b)(3)
Test Limit: Anborek Anborek Anborek Anborek Anborek Anborek Anborek	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 C63.10-2013, section 11.9.1 ANSI C63.10-2020 section 11.9.1 KDB 558074 D01 15.247 Meas Guidance v05r02
Procedure:	ANSI C63.10-2013, section 11.9.1 Maximum peak conducted output power ANSI C63.10-2020, section 11.9.1 Maximum peak conducted output power

5.1. EUT Operation

Operating Environment:	100,	Notek Potek	Aupoter	AUD	K "V	potek	Jupo, ok	
Test mode:	1: TX mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with GFSK modulation.							
Al. aboier	AUD	·	tek Anb		You	aboter	And	

5.2. Test Setup



5.3. Test Data

	Temperature:	25.6 °C	Humidity: 48 %	Aupo.	Atmospheric Pressure:	1012 hPa	e e
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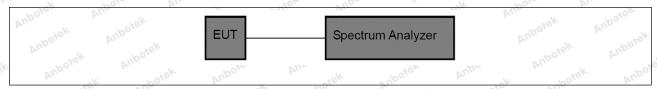
6. Power Spectral Density

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 C63.10-2013, section 11.10 ANSI C63.10-2020, section 11.10 KDB 558074 D01 15.247 Meas Guidance v05r02
Procedure:	ANSI C63.10-2013, section 11.10, Maximum power spectral density level in the fundamental emission ANSI C63.10-2020, section 11.10, Maximum power spectral density level in the fundamental emission

6.1. EUT Operation

Operating Environment:	Aupore	Andrek	Anbotek	Aupo.	abotek	Anbore		
Test mode:	(A) V (I)	1: TX mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with GFSK modulation.						
cher Augs	Lotek Anbo	Value	ek abo		-V 50%	2K D.V		

6.2. Test Setup



6.3. Test Data

Temperature:	25.6 °C	Humidity:	48 %	Atmospheric Pressure:	1012 hPa	
	10-11/10-	TOY.		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	200	П





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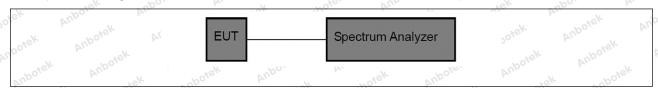
7. Emissions in non-restricted frequency bands

Test Requirement:	47 CFR 15.247(d)
Test Limit: 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 C63.10-2013 section 11.11 ANSI C63.10-2020 section 11.11 KDB 558074 D01 15.247 Meas Guidance v05r02
Procedure:	ANSI C63.10-2013 Section 11.11.1, Section 11.11.2, Section 11.11.3 ANSI C63.10-2020 Section 11.11.1, Section 11.11.2, Section 11.11.3

7.1. EUT Operation

Operating Environment:	nbotek	Aupo, ok	hotek	Anbores	Andragek	nbotek			
- AP		1: TX mode: Keep the EUT connect to AC power line and works in continuously transmitting mode with GFSK modulation.							
Anbore An		Aupo	V						

7.2. Test Setup



7.3. Test Data

Temperature:	25.6 °C	Humidity:	48 %	Atmospheric Pressure:	1012 hPa







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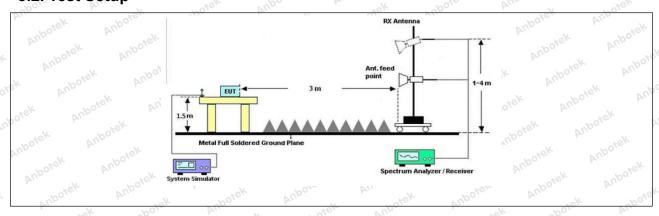
8. Band edge emissions (Radiated)

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
t Anbotek Anbot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
o h otek	0.009-0.490	2400/F(kHz)	300 0000
aborek Ando	0.490-1.705	24000/F(kHz)	30
Ar. Anborer	1.705-30.0	30° kek 0000	30
Anbo	30-88	100 **	3,ek nobore
Tartiboren Ande	88-216	150 **	3 , (8)
Test Limit:	216-960	200 **	3 poter And
Anbo	Above 960	500 hotel Andou	3 rek and
nbotek Anbotek Anbotek Anbotek Anbotek	intentional radiators operatifrequency bands 54-72 MH	ragraph (g), fundamental emissi ing under this section shall not b lz, 76-88 MHz, 174-216 MHz or hese frequency bands is permitt	e located in the 470-806 MHz.
Test Method:	ANSI C63.10-2013 section ANSI C63.10-2020 section KDB 558074 D01 15.247 M	6.10 potek Anbou	Anborek Anbo
Procedure:	ANSI C63.10-2013 section ANSI C63.10-2020 section		* Aupolek Al

8.1. EUT Operation

7	Operating Environment:	k polek	Anbote.	Andariek	nbotek	Aupo,	P
O,	Test mode:	1: TX mode: K continuously to	- A COV		V. V.U		ik Du
		-V- 100					-V-

8.2. Test Setup





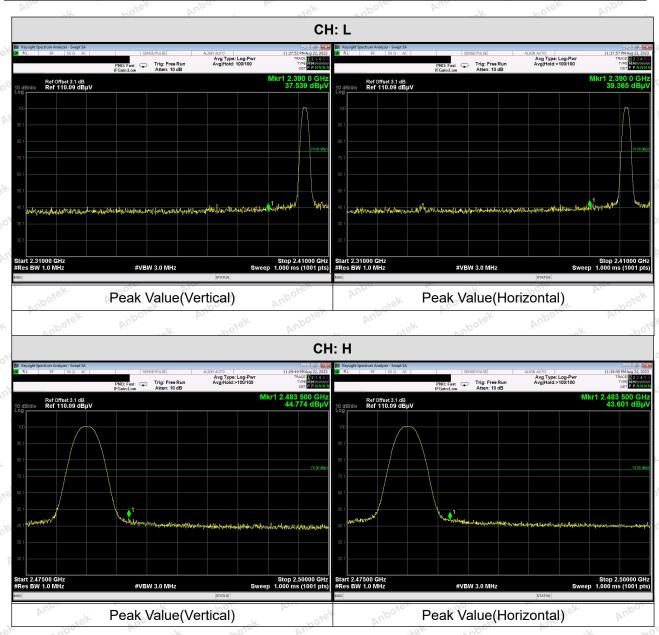




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8.3. Test Data

Temperature: 25.6 °C Humidity: 48 % Atmospheric Pressure: 1012 hPa







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Average:

Test Mode	Peak Value (dBuV/m)	Correction factor	Average Value (dBuV/m)	Limit (dBuV/m)	Polarization	Verdict
CILL	37.539	-4.39	33.148	54.00	Vertical	Pass
CH: L	44.774	-4.39	40.383	54.00	Horizontal	Pass
CHARL	39.365	-4.39	34.974	54.00	Vertical	Pass
CH: H	43.601	-4.39	39.210	54.00	Horizontal	Pass

Remark:

- 1. Correction factor=20log(Duty Cycle)
- 2. Average Value=Peak Value+Correction factor





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9. Emissions in frequency bands (below 1GHz)

Test Requirement:	restricted bands, as defined	, In addition, radiated emissions d in § 15.205(a), must also comp ecified in § 15.209(a)(see § 15.20	ly with the
k Aupotek Aupot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
obotek Anbotek	0.009-0.490 0.490-1.705	2400/F(kHz) 24000/F(kHz)	300
Aupotek Aupotek	1.705-30.0 30-88	30 100 **	30
Test Limit:	88-216 216-960	150 ** 200 **	3 Andrew Andrew
Anboro All	Above 960	500 Anbo	3 NOT ME
otek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	intentional radiators operati frequency bands 54-72 MH	ragraph (g), fundamental emissiing under this section shall not biz, 76-88 MHz, 174-216 MHz or 4 hese frequency bands is permitt	e located in the 470-806 MHz.
Test Method:	ANSI C63.10-2013 section ANSI C63.10-2020 section KDB 558074 D01 15.247 M	6.6.4	Anbotek Anb
Procedure:	ANSI C63.10-2013 section ANSI C63.10-2020 section		Anboro A

9.1. EUT Operation

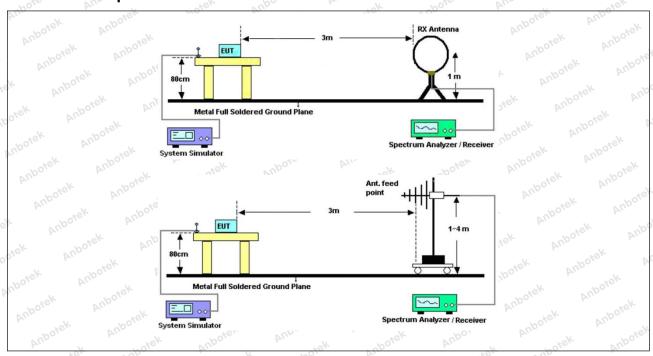
	Operating Environment:						Anbore
1			Keep the EUT transmitting n				Anbor
o¹	Se Augo	otek Aupo	Al.	ek abo	ter Aups	L hotek	an





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9.2. Test Setup



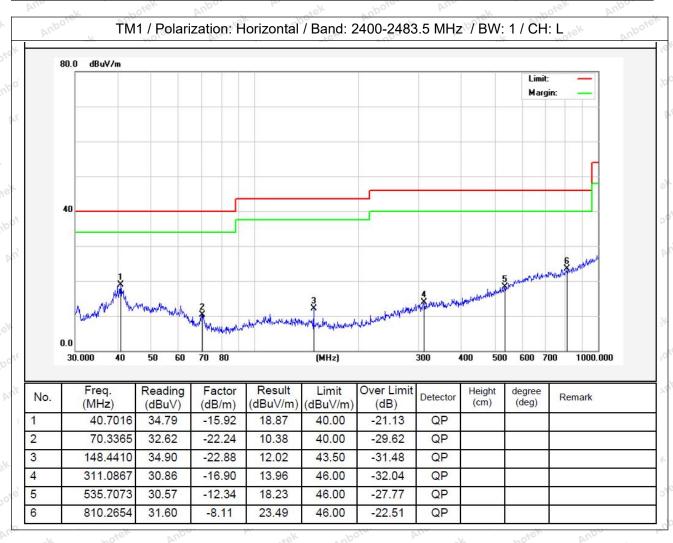




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9.3. Test Data

Temperature: 23.8 °C	Humidity: 54 %	Atmospheric Pressure:	102.4 kPa
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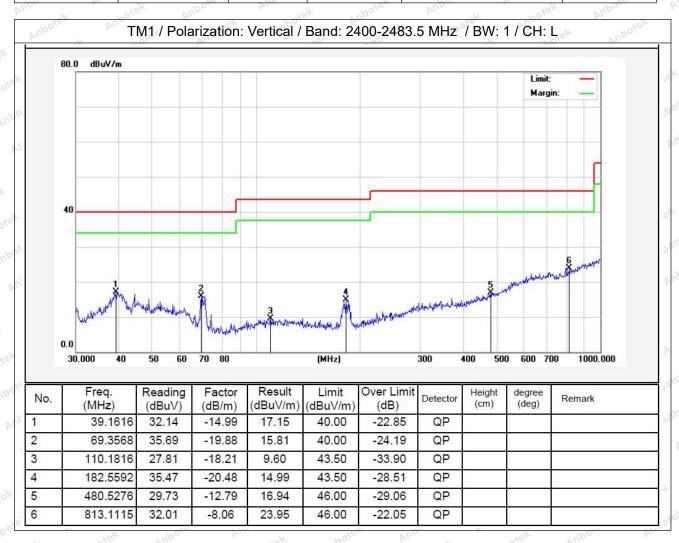






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Temperature: 23.8 °C Humidity: 54 % Atmospheric Pressure: 102.4 kPa







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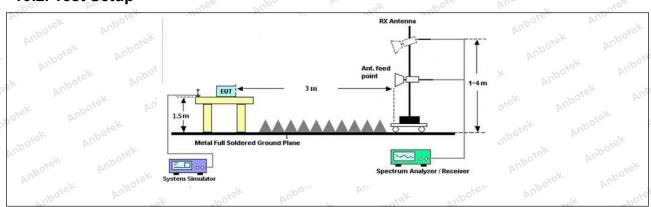
10. Emissions in frequency bands (above 1GHz)

Test Requirement:		ons which fall in the restricted ba omply with the radiated emission 5(c)).	
k Anbotek Anbo	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
v k. Lotek	0.009-0.490	2400/F(kHz)	300 000
aborer And	0.490-1.705	24000/F(kHz)	30
atek Anbore.	1.705-30.0	30° AND	30
Anbo	30-88	100 **	3,ek anbore
Tartiboren Andre	88-216	150 **	3
Test Limit:	216-960	200 ***	3 pore, Aur
	Above 960	500 potek Andre	3
nbotek Anbotek Anbotek Anbotek Anbotek Anbotek	intentional radiators operat frequency bands 54-72 MH	ragraph (g), fundamental emissi ing under this section shall not b lz, 76-88 MHz, 174-216 MHz or these frequency bands is permitt	e located in the 470-806 MHz.
Test Method:	ANSI C63.10-2013 section ANSI C63.10-2020 section KDB 558074 D01 15.247 N	6.6.4	
Procedure:	ANSI C63.10-2013 section ANSI C63.10-2020 section		Anbotek Anbotek

10.1. EUT Operation

	DV.	. 00	· · · · · · · · · · · · · · · · · · ·	~0,	DV.	1:0	- Uh
Ne	Operating Environment:	k pojek	Anbote,	And	upotek	Vupo.	h.
00	Test mode:	1: TX mode: K continuously to					k Aup

10.2. Test Setup









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10.3. Test Data

Temperature: 23.3 °C	Humidity: 55.9 %	Atmospheric Pressure:	102 kPa
----------------------	------------------	-----------------------	---------

- A			CH: L		-10°	T.
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4804.00	29.16	15.27	44.43	74.00	-29.57	Vertical
7206.00	29.10	18.09	47.19	74.00	-26.81	Vertical
9608.00	30.20	23.76	53.96	74.00	-20.04	Vertical
12010.00	Aupole * Al	49:	abotek Anb	74.00	otek Anbote	Vertical
14412.00	*Upo*sk	Anbo	hotek b	74.00	otek ont	Vertical
4804.00	28.77	15.27	44.04	74.00	-29.96	Horizontal
7206.00	29.89	18.09	47.98	74.00	-26.02	Horizontal
9608.00	28.41	23.76	52.17	74.00	-21.83	Horizontal
12010.00	otek * Aupo	-K 20	ick Aupole,	74.00	· nbotek	Horizontal
14412.00	hotek* An	boyer Vur	iek abo	74.00	ak hore	Horizontal
Average value:						
	- I	_ ,	- ·	,	0 1: "	
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4804.00	17.43	15.27	32.70	54.00	-21.30	Vertical
7206.00	18.15	18.09	36.24	54.00	-17.76	Vertical
9608.00	19.67	23.76	43.43	54.00	-10.57	Vertical
12010.00	Notek.	Aupote, Au	- Yes	54.00	. br.	Vertical
14412.00	And *	anbotek	Aupo. K	54.00	ipote, Aug	Vertical
4804.00	17.10	15.27	32.37	54.00	-21.63	Horizontal
7206.00	18.92	18.09	37.01	54.00	-16.99	Horizontal
9608.00	17.92	23.76	41.68	54.00	-12.32	Horizontal
12010.00	sek *	otek Aupor	r rot	54.00	Vup.	Horizontal
14412.00	[*]	sorek ant	ofer And	54.00	ek Aupor	Horizontal



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ek Aupol	Air.	, upoter	Anba	hotek	Anbor	atek.
			CH: M			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4880.00	28.71	15.42	44.13	74.00	-29.87	Vertical
7320.00	29.07	18.02	47.09	74.00	-26.91	Vertical
9760.00	29.70	23.80	53.50	74.00	-20.50	Vertical
12200.00	ek * nbotek	Anbo.	L hotek	74.00	Ans	Vertical
14640.00	* * *	tek Aupote	Pur Vie	74.00	Aupo	Vertical
4880.00	28.58	15.42 mb	44.00	74.00	-30.00	Horizontal
7320.00	29.76	18.02	47.78	74.00	-26.22	Horizontal
9760.00	28.13	23.80	51.93	74.00	-22.07	Horizontal
12200.00	* otek	Anbore	And	74.00	YUPO, OK	Horizontal
14640.00	A.T. Otek	Anbotek	Aupo	74.00	Anboid	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4880.00	17.52	15.42	32.94	54.00	-21.06	Vertical
7320.00	18.01	18.02	36.03	54.00	-17.97	Vertical
9760.00	19.52	23.80	43.32	54.00	-10.68	Vertical
12200.00	k *upote	N Diek	anbotek	54.00	aboiek	Vertical
14640.00	otek * Anboti	And	sk spojek	54.00	p	Vertical
4880.00	17.21	15.42	32.63	54.00	-21.37	Horizontal
7320.00	19.27	18.02 An	37.29	54.00	-16.71	Horizontal
9760.00	18.22	23.80	42.02	54.00	11.98 And	Horizontal
12200.00	Anbotek	Anb.	abotek	54.00	"otek D	Horizontal
14640.00	* botek	Anbo	A. Stek	54.00	AUG	Horizontal





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Le. VILL	- tek	Vupo.	N. OK	hote	AUL	No.
			CH: H			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4960.00	28.84	15.58	44.42	74.00	-29.58	Vertical
7440.00	29.23	17.93	47.16	74.00	-26.84	Vertical
9920.00	30.40	23.83	54.23	74.00	-19.77	Vertical
12400.00	* ~ ~otek	Aupolei	And	74.00	Aupo,	Vertical
14880.00	* Vup	iek "potel	Aupo.	74.00	Aupole	Vertical
4960.00	28.72	15.58	44.30	74.00	-29.70	Horizontal
7440.00	29.97	17.93	47.90	74.00	-26.10	Horizontal
9920.00	28.51	23.83	52.34	74.00	-21.66	Horizontal
12400.00	Ann *	abotek	Aupo,	74.00	Anbote, Ant	Horizontal
14880.00	V.Apo.	Kotek	Anbores	74.00	abotek	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4960.00	18.64	15.58	34.22	54.00	-19.78	Vertical
7440.00	19.28	17.93	37.21	54.00	-16.79 M	Vertical
9920.00	20.17	23.83	44.00	54.00	-10.00	Vertical
12400.00	* * hotek	Anbo.	hotek	54.00	And	Vertical
14880.00	* * *	sk Aupolo	Aur	54.00	Vupo.	Vertical
4960.00	18.39	15.58	33.97	54.00	-20.03	Horizontal
7440.00	20.07	17.93	38.00	54.00	-16.00	Horizontal
9920.00	18.37	23.83	42.20	54.00	-11.80	Horizontal
12400.00	* torek	Aupore.	Ann	54.00	Po. V.	Horizontal
14880.00	An*	anbotek	Aupo	54.00	Aupore	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

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 -----

