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Report No.:182512C400022101 FCC ID: 2BBP3-RP3-H

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FCC Test Report

Applicant

Shenzhen Radiomaster Co.,Ltd

Address

4F Yangtian Building, Xin'an Street, Bao'an District, Shenzhen, Guangdong, China

Product Name RP3-H

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Nov. 08, 2024 **Report Date**



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Shenzhen Anbotek Compliance Laboratory Limited

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Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China, 💥 Tel:(86)0755-26066440 Email:service@anbotek.com

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Applicant

Report No.:182512C400022101 FCC ID: 2BBP3-RP3-H Page 4 of 37

TEST REPORT

Shenzhen Radiomaster Co.,Ltd

Manufacturer : Shenzhen Radiomaster Co.,Ltd

Product Name

Model No.

RP3-H

: RP3-H

Trade Mark

Rating(s)

Radiomaster

Test Standard(s)

47 CFR Part 15.247 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:

Date of Test:

Prepared By:

May 18, 2024

May 20, 2024 to Aug. 07, 2024

Flla Sian

(Ella Liang)

Approved & Authorized Signer:

(Kingkong Jin)

Shenzhen Anbotek Compliance Laboratory Limited

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







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Revision History

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Report Version	Revision History Description	ek Anbolek Anbolek Issued Date
R00	Original Issue.	Nov. 08, 2024
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Report No.:182512C400022101 FCC ID: 2BBP3-RP3-H

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1. General Information

1.1. Client Information

Applicant	:	Shenzhen Radiomaster Co.,Ltd
Address	:	4F Yangtian Building, Xin'an Street, Bao'an District, Shenzhen,Guangdong, China
Manufacturer	:	Shenzhen Radiomaster Co.,Ltd
Address	:	4F Yangtian Building, Xin'an Street, Bao'an District, Shenzhen,Guangdong, China
Factory	:	Shenzhen Radiomaster Co.,Ltd
Address	:	4F Yangtian Building, Xin'an Street, Bao'an District, Shenzhen,Guangdong, China

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1.2. Description of Device (EUT)

Product Name		
riouucinallie	:	RP3-H hotek Andore And a
Model No.	:	RP3-H Anbotek Anbotek Anbotek Anbotek Anbotek
Trade Mark		Radiomaster
Test Power Supply	•	DC 5V house Andreas Andreas Andreas
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/AAndo otek Anbotek Anbotek Anbotek Anbotek
RF Specification		
Operation Frequency	:	2402.4 - 2479.4MHz
Number of Channel	:	178 And Andrek Anbolen And Sotek Anbolek Anbo
Modulation Type		GFSK And Andrek Andrek Andrek Andrek Andrek Andrek
Antenna Type	:	Module A: Monopole Antenna Module B: Monopole Antenna
Antenna Gain(Peak)		Module A: 2dBi Module B: 2dBi

(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	M	anufacturer	Mc	del No.	Serial No) .
-ex-	nbotek	Anboro	Amotek	Anboten	/ Anbo	Anbotek	Anbor
1.4.	Operation of	channel list	k abotek	Anboten	k Anb	K Anbotek	Aupor

1.4. Operation channel list

Operation Band:

	Janu.	P V	~0 ¹ 0	Du		ter an	6
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1 Anbol	2402.4	21	2422.4	^{ooten} 41	2442.4	Anb 61	2462.4
2	2403.4	22	2423.4	42	2443.4	62 · · · ·	2463.4
3	2404.4	Anbolio 23	2424.4	43	2444.4	63 hoot	2464.4
nbo 4	2405.4	24	2425.4	44 nbote	2445.4	64	2465.4
Anbot sek	2406.4	25 0010	2426.4	e ^k 45 _{An} t	2446.4	65	2466.4
6	2407.4	× 26 And	2427.4	46	2447.4	66	2467.4
7 Anbo	2408.4	potek 27	2428.4	47	2448.4	Anio 67	2468.4
A 8 ^{Nor}	2409.4	28	2429.4	48	2449.4	68	2469.4
nbote 9	2410.4	29	2430.4	49	2450.4	69 Anbt	2470.4
10	2411.4	30 bote	2431.4	50	2451.4	o ^{tek} 70	2471.4
11, otek	2412.4	31	2432.4	51 AP	2452.4	Anbot 71	2472.4
12	2413.4 Mag	32	2433.4	nbote 52	2453.4	72	2473.4
13	2414.4	1 ¹⁰⁰¹⁰ 33	2434.4	53	2454.4	73 note	2474.4
14	2415.4	34	2435.4	5400 tek	2455.4	74	2475.4
Anbol 15	2416.4	35	2436.4	55 Anbo	2456.4	75	2476.4
16	2417.4	36Anbot	2437.4	otek 56	2457.4	76	2477.4
17 ^{mboto}	2418.4	tet 37 An	2438.4	57	2458.4	Anborra	2478.4
* 18 M ^{nt}	2419.4		2439.4	58	2459.4	78	2479.4
oo ^{tek} 19	2420.4	39	2440.4	59	2460.4	Anbore	rok -
20	2421.4	40 tek	2441.4	60	2461.4	tek - An	201 P.

1.5. Description of Test Modes

	Pretest Mode	es	Descriptions
over	TM1	Ano	Keep the EUT in continuously transmitting mode (non-hopping).
abotek	TM2	Ano	Keep the EUT in continuously transmitting mode (hopping).

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1.6. Measurement Uncertainty

Parameter	Uncertainty
Conducted emissions (AMN 150kHz~30MHz)	3.4dB
Occupied Bandwidth	925Hz
Conducted Output Power	0.76dB
Conducted Spurious Emission	1.24dB
Radiated spurious emissions (above 1GHz)	1G-6GHz: 4.78dB; 6G-18GHz: 4.88dB 18G-40GHz: 5.68dB
Radiated emissions (Below 30MHz)	3.53dB
Radiated spurious emissions (30MHz~1GHz)	Horizontal: 3.92dB; Vertical: 4.52dB

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2. Anbo

1.7. Test Summary

Test Items	Test Modes	Status
Antenna requirement	abotek Anboto	PAN
Conducted Emission at AC power line	at nboxk Anb	N
Occupied Bandwidth	Mode1	nbote P
Maximum Conducted Output Power	Mode1	Anboro
Channel Separation	Mode2	P ^{bolo}
Number of Hopping Frequencies	Mode2	P Anbore
Dwell Time	Mode2	otek P Ano
Emissions in non-restricted frequency bands	Mode1,2	nboteP
Band edge emissions (Radiated)	Mode1	Anb Bek
Emissions in frequency bands (below 1GHz)	Mode1	Pnbotek
Emissions in frequency bands (above 1GHz)	Mode1	K P noole
Note: P: Pass	Anbotek Anbo	bolek Ant

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. Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, 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.
 - 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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nbotek 1.10. Test Equipment List

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. ek	Cond	ucted Emission at A	C power line	Anboten	Anbo	Anbolek	Anbor
001	Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
Aupo	10K	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	2024-01-18	2025-01-17
A	Anot	Three Phase V- type Artificial Power Network	CYBERTEK	EM5040DT	E215040D T001	2024-01-17	2025-01-16
18H 6H	3	Software Name EZ-EMC	Farad Technology	ANB-03A	N/A	And	Anbytek
upote.	4	EMI Test Receiver	Rohde & Schwarz	ESPI3	100926	2023-10-12	2024-10-11
-10	Ve.	Ano	atek Anbo	r iel	6 abos	b.e.	K not

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Number of Hopping Frequencies **Dwell Time** Emissions in non-restricted frequency bands Occupied Bandwidth Maximum Conducted Output Power Channel Separation

	onan	ner eeparation	- C. C.	- 00-	1 N.	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	12.
ote	Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
Anb	otek 1 Anbotek	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ- KHWS80B	N/A	2023-10-16	2024-10-15
	2 _{Anb}	DC Power Supply	IVYTECH	IV3605	1804D360 510	2023-10-20	2024-10-19
ŀ	3	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102150	2024-05-06	2025-05-05
,ote	4	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY505318 23	2024-02-22	2025-02-21
AN	o ^{ot} 5	Oscilloscope	Tektronix	MDO3012	C020298	2023-10-12	2024-10-11
8	A 6 ole	MXG RF Vector Signal Generator	Agilent	N5182A	MY474206 47	2024-02-04	2025-02-03

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	l edge emissions (Ra sions in frequency ba		Anboten A	np- workek	Anbotek	Anbornetek
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
sk 1	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22
1002×	EMI Preamplifier	SKET Electronic	LNPA- 0118G-45	SKET-PA- 002	2024-01-17	2025-01-16
300	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	Anboten	Amo
5	Horn Antenna	A-INFO	LB-180400- KF	J21106062 8	2023-10-12	2024-10-11
6	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102150	2024-05-06	2025-05-05
nbore 7	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2024-05-07	2025-05-06

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
n'et	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22
2 tek	Pre-amplifier	SONOMA	310N	186860	2024-01-17	2025-01-16
3 Anb	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	2022-10-23	2025-10-22
4	Loop Antenna (9K- 30M)	Schwarzbeck	FMZB1519 B	00053	2023-10-12	2024-10-11
5	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A oter	Anboro	ak / nbote

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2. Antenna requirement

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botek Anb	Refer to 47 CFR Part 15.203, an intentional radiator shall be designed to
Ann	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
h hek	of an antenna that uses a unique coupling to the intentional radiator shall be
abotek Anbo	considered sufficient to comply with the provisions of this section.

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2.1. Conclusion

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The antenna is a Monopole Antenna, and the best case gain of the antenna is 2dBi . It complies with the standard requirement. Anbotel Anbol Anbotek Anbotek Ant

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3. Conducted Emission at AC power line

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Test Requirement:	Refer to 47 CFR 15.207(a), Except section, for an intentional radiator to public utility (AC) power line, the rad back onto the AC power line on and band 150 kHz to 30 MHz, shall not measured using a 50 µH/50 ohms (LISN).	hat is designed to be con idio frequency voltage that y frequency or frequencie exceed the limits in the fo	nected to the t is conducted s, within the blowing table, as
All atek Anbole	Frequency of emission (MHz)	Conducted limit (dBµV)	Anbore
Anbo	tek Anbore An	Quasi-peak	Average
at - aboten And	0.15-0.5	66 to 56*	56 to 46*
Test Limit:	0.5-5	56	46 Mar 100
wotek Anbo	5-30	60	50
tek anbolek	*Decreases with the logarithm of th	ne frequency.	Anboten And
	ANSI C63.10-2020 section 6.2	10h 100	- An

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3.1. EUT Operation

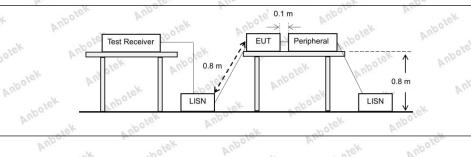
Operating Environment:

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Test mode:

3.2. Test Setup



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3.3. Test Data

Not applicable for DC power device.

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nbotel 4. Occupied Bandwidth

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Test Requirement:	47 CFR 15.247(a)(1)
tek Anbotek A	Refer to 47 CFR 15.215(c), intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in subpart E of this part, must be designed to
Test Limit:	ensure that the 20 dB bandwidth of the emission, or whatever bandwidth
Lotek Anboic	may otherwise be specified in the specific rule section under which the
And k hotek	equipment operates, is contained within the frequency band designated in
anboten Ann	the rule section under which the equipment is operated.
- holek Anbo	ANSI C63.10-2020, section 7.8.6, For occupied bandwidth measurements
Test Method:	use the procedure in 6.9.3. Frequency hopping shall be disabled for this t
otek Aupore P	KDB 558074 D01 15.247 Meas Guidance v05r02
w wotek	The occupied bandwidth is the frequency bandwidth such that, below its
Anboten And	lower and above its upper frequency limits, the mean powers are each eq
Lotek Anbore	to 0.5% of the total mean power of the given emission. The following
And K hotek	procedure shall be used for measuring 99% power bandwidth: a) The instrument center frequency is set to the nominal EUT channel cer
Anboten Anu	frequency. The frequency span for the spectrum analyzer shall be betwee
n atek Anb	1.5 times and 5.0 times the OBW.
K ANDO	b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1%
ek nboten	5% of the OBW, and VBW shall be at least three times the RBW, unless
por A. stek	otherwise specified by the applicable requirement.
botek Anbo	c) Set the reference level of the instrument as required, keeping the signal
Any solution	from exceeding the maximum input mixer level for linear operation. In
Anboic An	general, the peak of the spectral envelope shall be more than [10 log
botek Anbo	(OBW/RBW)] below the reference level. Specific guidance is given in
Ann	4.1.6.2.d) Step a) through step c) might require iteration to adjust within the
Procedure:	specified range.
Notek	e) Video averaging is not permitted. Where practical, a sample detection a
bore. And	single sweep mode shall be used. Otherwise, peak detection and max-ho
Lotek Anboro	mode (until the trace stabilizes) shall be used.
And k hotek	f) Use the 99% power bandwidth function of the instrument (if available) a
Anboren Ano	report the measured bandwidth.
A. Anbor	g) If the instrument does not have a 99% power bandwidth function, then
And	trace data points are recovered and directly summed in linear power term
ek nboten Ar	The recovered amplitude data points, beginning at the lowest frequency, a
to All.	placed in a running sum until 0.5% of the total is reached; that frequency
hotek Anbor	recorded as the lower frequency. The process is repeated until 99.5% of t
m botek	total is reached; that frequency is recorded as the upper frequency. The 9 power bandwidth is the difference between these two frequencies.
Anbore, Ann	h) The occupied bandwidth shall be reported by providing spectral plot(s)
hotek Anbore	the measuring instrument display; the plot axes and the scale units per
And	division shall be clearly labeled. Tabular data may be reported in addition
Anboten Ano	the plot(s).

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4.1. EUT Operation

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4.1. EUT Ope	eration	Anborshotek	Anbotek	Anboten	Anu	Anbotek
Operating Envi	ronment:	Annatek	Anborek	Aupo	dr. Har	otek Anbore
Test mode:	1: TX (Non- hopping).	Hopping): Kee	ep the EUT in	continuously	transmitting r	node (non-
4.2. Test Set	up Anb	ore Ar.	nbotek p	nboten	Ano	Anbotek

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4.2. Test Setup

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EUT		Spectrum	Analyzer
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4.3. Test Data

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4.3. Test Data	a Anbotek	Anbenbotek	1	nbotek	Anborsotek	Anbote	anb Anb	oten
Temperature:	25.5 °C	Humidity:	47 %	Aupore	Atmospheric P	ressure:	101 kPa	And
Aupo. M.	Lotek Anbor	o. Ann	Yor.	anb.	oten Ano	, N	botek	Anboic
Please Refer to	Appendix for Deta	ails.	abo.	br.	N N		Ann	

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5. Maximum Conducted Output Power

D' i	
Test Requirement:	47 CFR 15.247(b)(1)
Test Limit:	Refer to 47 CFR 15.247(b)(1), For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts.
Test Method:	ANSI C63.10-2020, section 7.8.5 KDB 558074 D01 15.247 Meas Guidance v05r02
Anbotek Anbotek Anb 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
Anbotek Anb	hopping channel. b) RBW > 20 dB bandwidth of the emission being measured. c) VBW ≥ RBW.
Procedure:	 d) Sweep: No faster than coupled (auto) time. e) Detector function: Peak. f) Trace: Max-hold. g) Allow trace to stabilize.
Anbotek Anbotek	 h) Use the marker-to-peak function to set the marker to the peak of the emission. i) The indicated level is the peak output power, after any corrections for
Anbotek Anbo	external attenuators and cables. j) A spectral plot of the test results and setup description shall be included in the test report. NOTE—A peak responding power meter may be used, where the power
botek Anbotek	meter and sensor system video bandwidth is greater than the occupied bandwidth of the unlicensed wireless device, rather than a spectrum analyzer.

5.1. EUT Operation

Operating Envir	onment:	botek	Anbor	A	Anboten	Aun
Test mode:	1: TX (Non-Ho hopping).	pping): Keep th	e EUT in c	ontinuously transn	nitting mode (no	on- p

5.2. Test Setup

Anbotek Ar	hbo tek	EUT	Spectrum Ar	nalyzer	er Ar	Anbotek
Anborek	Anbe	F. wotek	Anbor	A." atek	Anbotek	Anbotek
5.3. Test Data	Anbote.	k Annotek	Anbotek	Anbe	Anbotek	Anbo
Temperature:	25.5 °C	Humidity:	47 %	Atmospheric F	Pressure:	I01 kPa

Please Refer to Appendix for Details.

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6. Channel Separation

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Test Requirement:	47 CFR 15.247(a)(1)	Anbore.	Ann	Anborek	Anbo
ak Anbotek Anbotek Test Limit: Anbotek Anbotek Anbotek	Refer to 47 CFR 15.247 hopping channel carrier the 20 dB bandwidth of Alternatively, frequency band may have hopping 25 kHz or two-thirds of whichever is greater, pr greater than 125 mW.	frequencies the hopping hopping syst channel car the 20 dB bar	separated by a channel, which ems operating rier frequencie ndwidth of the l	a minimum of 2 ever is greater. in the 2400-24 s that are sepa hopping channe	5 kHz or 83.5 MHz rated by el,
Test Method:	ANSI C63.10-2020, sec KDB 558074 D01 15.24		ance v05r02	Anbo	Anbolek
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	The EUT shall have its spectrum analyzer settin a) Span: Wide enough t b) RBW: Start with the f spacing; adjust as nece channel. c) Video (or average) ba	ngs: to capture the RBW set to a essary to best andwidth (VB	e peaks of two pproximately 3 identify the ce W) ≥ RBW.	adjacent chann 0% of the chan	els. nel
Procedure:	 d) Sweep: No faster that e) Detector function: Peef) Trace: Max-hold. g) Allow the trace to state Use the marker-delta furpeaks of the adjacent classification 	eak. bilize. Inction to dete	ermine the sep		
Anbois An	regulatory limit shall be included in the test repo	determined.			

6.1. EUT Operation

Operating Env	ironment:	Aupo	n spotek	Anboro	Am	Anboten
Test mode:	2: TX (Hop	ping): Keep t	he EUT in co	ontinuously tra	ansmitting mode	(hopping).

6.2. Test Setup

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no.	nbotek	Anbotek	Ķ.	Anboter	Anu	abotek	Anbo.	Anbotek	Anbo	100
	6.3.	Test Data	otek	Anbotek	Aupor	tek Anbotek	Anboten	And And	.ek	1

Temperature:	25.5 °C	Humidity:	47 %	Atmospheric Pressure:	101 kPa
	VIII		00	V	

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7. Number of Hopping Frequencies

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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 KDB 558074 D01 15.247 Meas Guidance v05r02
Procedure: Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings: a) Span: 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
P/I.	spectral plot of the data shall be included in the test report.

7.1. EUT Operation

Operating En	vironment:	Anbotek A	nbo	abotek	Anbor	A. votek
Test mode:	2: TX (Hoppi	ng): Keep the I	EUT in contir	nuously trans	mitting mode (hopping).
7.2 Test S	Anboro	Am	nboten	AUD	ok wole	K Anbo

7.2. Test Setup

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Anos spotek	Anbot	3K		Anboter	Ann	habotek	Anbotek	P.C
7.3. Te	st Data	bofer	Anunbotek	Anbotek	Anborotek	Anbotek	Anbore	
Tempera	ature: 25	5.5 °C	Humidit	ty: 47 %	Atmosph	eric Pressure:	101 kPa	. A

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Test Requirement:	47 CFR 15.247(a)(1)(iii)
A. Lotek A	Refer to 47 CFR 15.247(a)(1)(iii), Frequency hopping systems in the 2400-
and Aubo	2483.5 MHz band shall use at least 15 channels. The average time of
tek haboten	occupancy on any channel shall not be greater than 0.4 seconds within a
Test Limit:	period of 0.4 seconds multiplied by the number of hopping channels
nbotek Anbo	employed. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum or
A. anbote	15 channels are used.
Pupo - K N	ANSI C63.10-2020, section 7.8.4
Test Method:	KDB 558074 D01 15.247 Meas Guidance v05r02
v wolet	abo A. Kor All All All All
ter And	The dwell time per hop on a channel is the time from the start of the first transmission to the end of the last transmission for that hop. If the device ha
stek Anboten	a single transmission per hop then the dwell time is the duration of that
abo hek	transmission. If the device has a multiple transmissions per hop then the
spotek Anbo	dwell time is measured from the start of the first transmission to the end of
All lek abote	the last transmission.
Anbors Ar	tek pooter And ok pootek Ando the potek
botek Ant	The time of occupancy is the total time that the device dwells on a channel
Am	over an observation period specified in the regulatory requirement. To
hek Anbou	determine the time of occupancy the spectrum analyzer will be configured to
wotek	measure both the dwell time per hop and the number of times the device
inboten Anu	transmits on a specific channel in a given period.
otek Anbore	The EUT shall have its hopping function enabled. Compliance with the
Anbo	requirements shall be made with the minimum and with the maximum
anboten And	number of channels enabled. If the dwell time per channel does not vary wit
A. stek AS	the number of channels than compliance with the requirements may be
Anbo	based on the minimum number of channels. If the device supports different
rek aboter	dwell times per channel (example Bluetooth devices can dwell on a channel
Procedure:	for 1, 3 or 5 time slots) then measurements can be limited to the longest
abotek Anbo	dwell time with the minimum number of channels.
An nboter	Line the following an estimate and man estimate to determine the dural time and
Anbo	Use the following spectrum analyzer settings to determine the dwell time pe hop:
abotek Anbo	hope hotek Anbour An tek Anboten And
A. rek	a) Span: Zero span, centered on a hopping channel.
Anbo P	b) RBW shall be \leq channel spacing and where possible RBW should be
lek sootek	set >> 1 / T, where T is the expected transmission time per hop.
polo Alle lek	c) Sweep time: Set so that the start of the first transmission and end of the
hotek Anbou	last transmission for the hop are clearly captured. Setting the sweep time to
Any work wotek	be slightly longer than the hopping period per channel (hopping period =
Anbote, Any	1/hopping rate) should achieve this.
Lotek Anb	d) Use a video trigger, where possible with a trigger delay, so that the start of the trigger delay, so
Anb	the transmission is clearly observed. The trigger level might need adjustmer
ek aboten	to reduce the chance of triggering when the system hops on an adjacent channel.
P. rek	e) Detector function: Peak.
botek Anbo	f) Trace: Clear-write, single sweep.
lek botek	g) Place markers at the start of the first transmission on the channel and at
Anbore Ante	the end of the last transmission. The dwell time per hop is the time between

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these	two	markers.

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

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

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

8.1. EUT Operation

 Operating Environment:

 Test mode:
 2: TX (Hopping): Keep the EUT in continuously transmitting mode (hopping).

8.2. Test Setup

EUT	Spectrum Analyzer

8.3. Test Data

Temperature:	25.5 °C	Ano	Humidity:	47 %	Atmospheric Pressure:	101 kPa
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Please Refer to Appendix for Details.

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9. Emissions in non-restricted frequency bands

Test Requirement:	47 CFR 15.247(d), 15.209, 15.205
est Limit: Anbolek Anbolek Anbolek Anbolek Anbolek Anbolek Anbolek	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.
est Method:	ANSI C63.10-2020 section 7.8.7 KDB 558074 D01 15.247 Meas Guidance v05r02
Anbotek Anbotek Anbotek Anbotek Anbotek 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.
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 bandwidth of 300 kHz, and a coupled sweep time with a peak detector). To help clearly demonstrate compliance a display line may be set at the required offset (typically 20 dB) below the highest in-band level. Where the highest in-band level is not clearly identified in the out-of-band measurements a separate spectral plot showing the in-band level shall be provided.
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	When conducted measurements cannot be made (for example a device with integrated, non-removable antenna) radiated measurements shall be used. The reference level for determining the limit shall be established by maximizing the field strength from the highest power channel and measuring using the resolution and video bandwidth settings and peak detector as described above. The field strength limit for spurious emissions outside of restricted-bands shall then be set at the required offset (typically 20 dB) below the highest in-band level. Radiated measurements will follow the standards measurement procedures described in Clause 6 with the exception that the resolution bandwidth shall be 100 kHz, video bandwidth

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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.

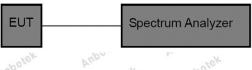
For measurements with the hopping enabled the analyzer screen shall clearly show compliance with the requirement within 10 MHz of both of the allocated band-edges. This could require separate spectral plots for each band-edge.

9.1. EUT Operation

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Operating Envi	ronment:	K hotek	Anbore	Am	Anboten	P
Anbo. A.	1: TX (Non-Hopp	ing): Keep the EU	IT in continuou	sly transmitting r	node (non-	
Test mode:	hopping).	otek Anbor	p.	ek noter	Ann	M
An	2: TX (Hopping):	Keep the EUT in	continuously tr	ansmitting mode	(hopping).	

9.2. Test Setup



9.3. Test Data

da.	-00	10 N		D.V.	~ QY
Temperature:	25.5 °C	Humidity:	47 %	Atmospheric Pressure:	101 kPa

Please Refer to Appendix for Details.

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Frequency (MHz)Field strength (microvolts/meter)Measuremed distance (meters)0.009-0.4902400/F(kHz)3000.490-1.70524000/F(kHz)301.705-30.0303030-88100 **388-216150 **3216-960200 **3Above 9605003** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in t frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz However, operation within these frequency bands is permitted under oth sections of this part, e.g., §§ 15.231 and 15.241. In 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 6.10 KDB 558074 D01 15.247 Meas Guidance v05r02	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
Test Limit:0.490-1.705 1.705-30.024000/F(kHz) 30 3030 30 30Test Limit:0.490-1.705 1.705-30.0100 ** 	nbotek Anbotek	Frequency (MHz)	D.L.	505°
Test Limit:1.705-30.0303030-88100 **388-216150 **3216-960200 **3Above 9605003** 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 oth sections of this part, e.g., §§ 15.231 and 15.241. In 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 Mathod:ANSI C63.10-2020 section 6.10	Anbore An	0.009-0.490	2400/F(kHz)	300
30-88 100 ** 3 88-216 150 ** 3 216-960 200 ** 3 Above 960 500 3 ** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in t frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz However, operation within these frequency bands is permitted under oth 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 Mothed: ANSI C63.10-2020 section 6.10	hotek Anbor	0.490-1.705	24000/F(kHz)	30 M
Test Limit: 88-216 150 ** 3 Above 960 200 ** 3 ** 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 oth 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 Mothod: ANSI C63.10-2020 section 6.10	Ano	1.705-30.0	30	30
Test Limit:216-960200 **3Above 9605003** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in t frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz However, operation within these frequency bands is permitted under oth 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 Mathed:ANSI C63.10-2020 section 6.10	anboten An	30-88	100 **	3
Above 9605003Test Limit:Above 9605003** 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 oth 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 Mathed:ANSI C63.10-2020 section 6.10	p	88-216	150 **	3 tek
Test Limit:** 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 oth 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 Mathed:ANSI C63.10-2020 section 6.10	stek Anbo	216-960	200 **	3
 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. 	K hotek	Above 960	500	3 boter
	Anborek Anbor	frequency bands 54-72 MH However, operation within t sections of this part, e.g., § In the emission table above	Iz, 76-88 MHz, 174-216 MHz or these frequency bands is permit § 15.231 and 15.241. e, the tighter limit applies at the b	470-806 MHz ed under oth oand edges.
	Anbotek Anbotek Anbotek Anbotek Anbotek	employing a CISPR quasi- 90 kHz, 110–490 kHz and a these three bands are base	above 1000 MHz. Radiated emis	uency bands sion limits in

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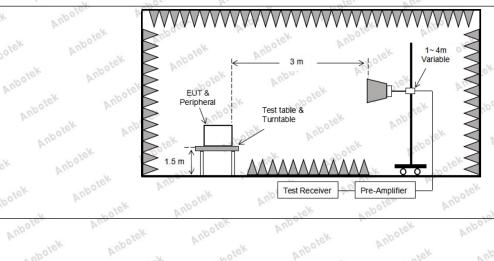
10.1. EUT Operation

Operating Envi	ronment:	An	Anboten	AUD	-oK	abotek	Anbo	Y
Test mode:	1: TX (No hopping).	on-Hopping): K	eep the EU	T in conti	nuously tra	ansmitting n	node (non-	te

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10.2. Test Setup



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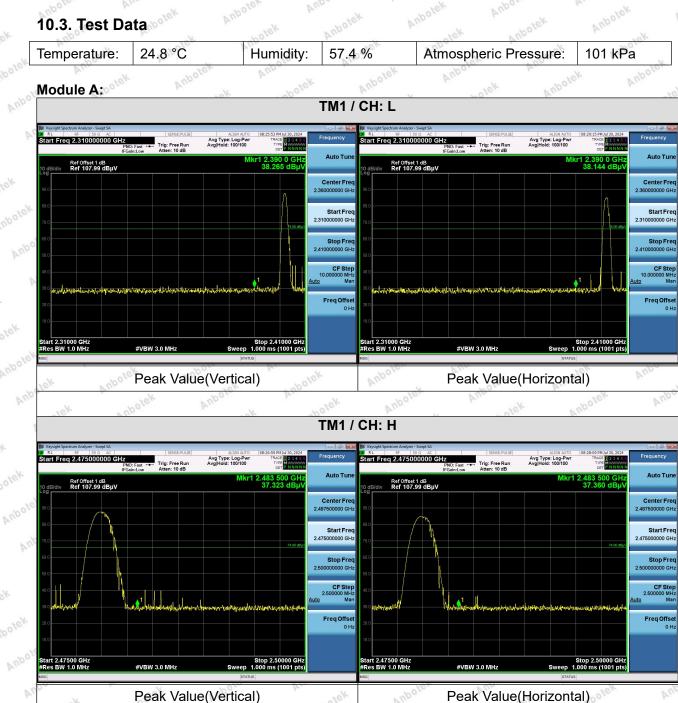
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10.3. Test Data



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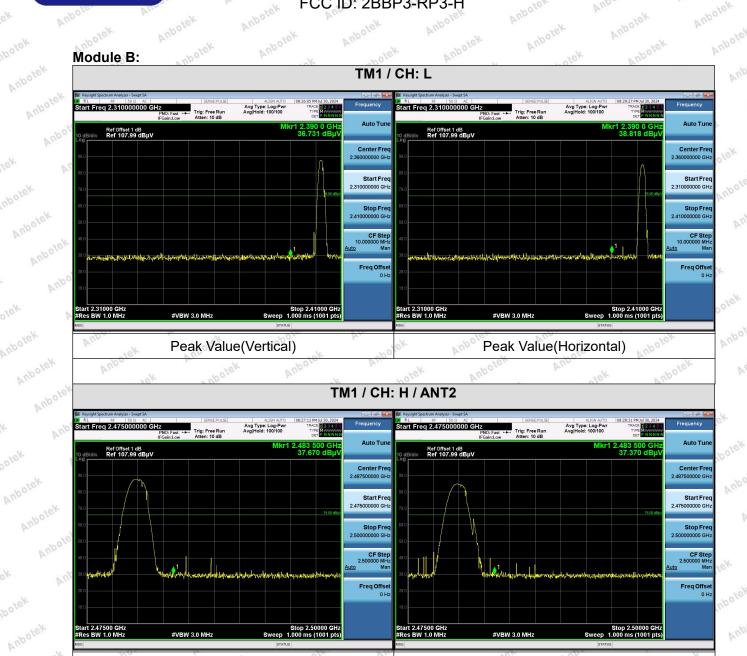
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Peak Value(Vertical) Peak Value(Horizontal)

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Note: 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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Test Requirement:	restricted bands, as define	l), In addition, radiated emission ed in § 15.205(a), must also com pecified in § 15.209(a)(see § 15.	ply with the
Anbotek Anbotek	Frequency (MHz)	Field strength (microvolts/meter)	Measureme distance (meters)
Anbore An	0.009-0.490	2400/F(kHz)	300
hotek An	0.490-1.705	24000/F(kHz)	30 Anbo
Ann	1.705-30.0	30 Anbore An	30
h nbote.	30-88	100 **	3
r stek	88-216	150 **	3 vek
otek Anbo	216-960	200 **	3
Test Limit:	Above 960	500	3 abote.
Anbotek Anbo Anbotek A	intentional radiators opera frequency bands 54-72 M However, operation within sections of this part, e.g., In the emission table abov The emission limits showr	paragraph (g), fundamental emise ating under this section shall not Hz, 76-88 MHz, 174-216 MHz of these frequency bands is permi §§ 15.231 and 15.241. we, the tighter limit applies at the n in the above table are based of i-peak detector except for the fre	be located in 1 470-806 MH: tted under oth band edges. n measureme
Anbotek Anbotek	90 kHz, 110–490 kHz and	l above 1000 MHz. Radiated em sed on measurements employing	ission limits in
Test Method:	90 kHz, 110–490 kHz and these three bands are bas	l above 1000 MHz. Radiated em sed on measurements employing n 6.6.4	ission limits in

11. Emissions in frequency bands (below 1GHz)

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11.1. EUT Operation

Operating Env	ironment:	P. tek	Anbore.	Pur	-ok	aboten A	unbo k
Test mode:	1: TX (No hopping)): Keep the EU	JT in continu	uously trans	smitting mode	(non-
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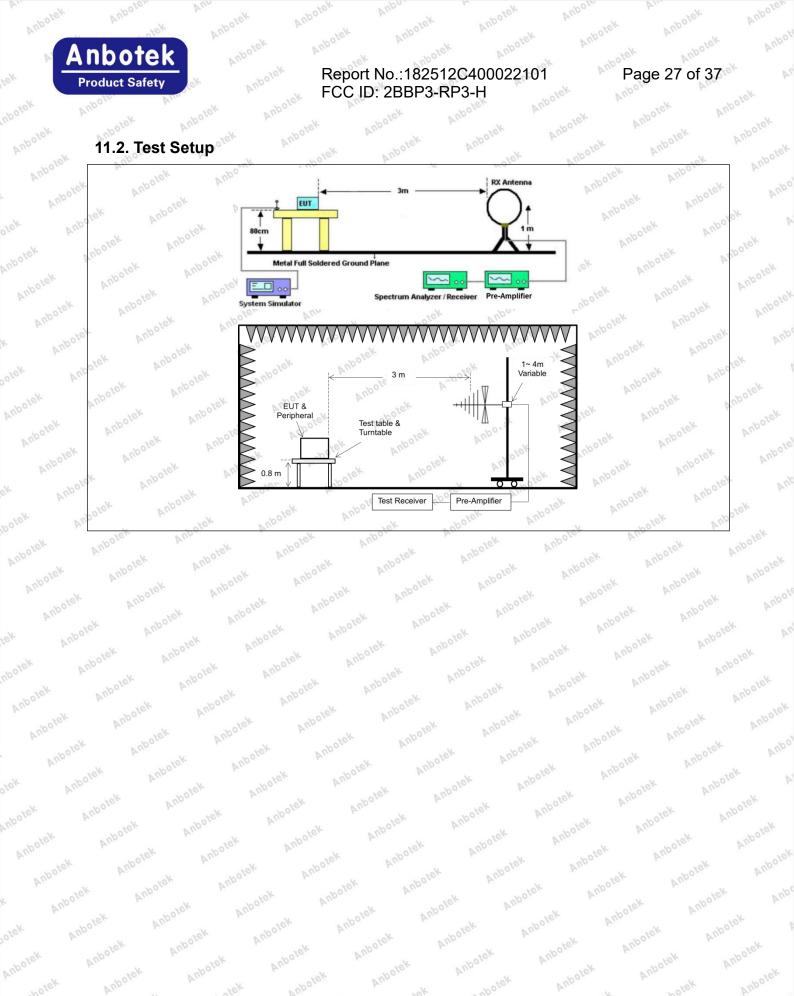
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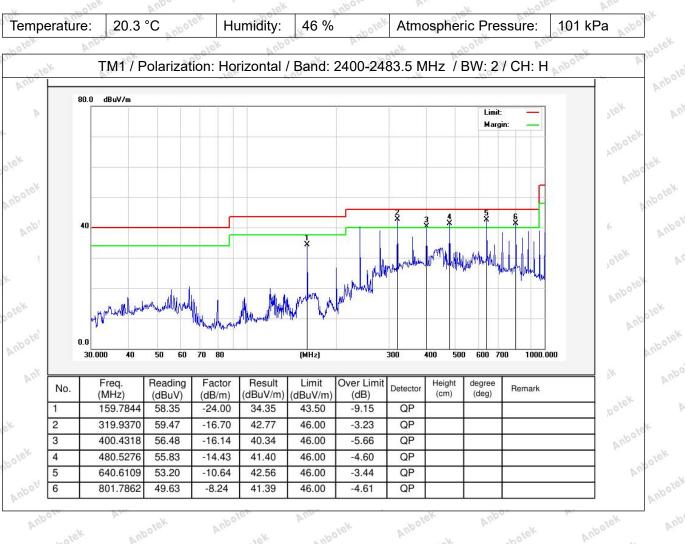
11.3. Test Data

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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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20.3 °C Atmospheric Pressure: Temperature: Humidity: 46 % 101 kPa TM1 / Polarization: Vertical / Band: 2400-2483.5 MHz / BW: 2 / CH: H Anbe 80.0 dBuV/m botek Limit Margin Anbote Anbo 40 1ex 1 Anto Anb WK MM otek 0.0 30.000 40 50 60 70 80 (MHz) 300 400 500 600 700 1000.000 Anbote Freq. Over Limit Height (cm) Result Limit degree (deg) Reading Factor No. Detector Remark (MHz) (dBuV) (dB/m) (dBuV/m) (dBuV/m) (dB) Ant Anbote 159.7844 54.27 -21.67 32.60 43.50 -10.90 QP 1 QP 2 319.9370 55.42 -15.76 39.66 46.00 -6.34 3 400.4318 54.03 -14.43 39.60 46.00 -6.40 QP Ant -12.79 46.00 -6.65 QP 4 480.5276 52.14 39.35 5 721.7259 50.74 -9.62 41.12 46.00 -4.88 QP 801.7862 47.33 -8.24 39.09 46.00 QP 6 -6.91

Note: Only record the worst data (Module B) in the report.

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Report No.:182512C400022101 FCC ID: 2BBP3-RP3-H

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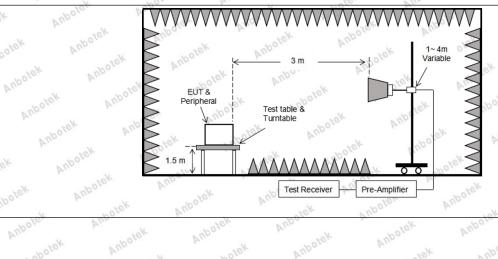
Test Requirement:	in § 15.205(a), must also c	ions which fall in the restricted l omply with the radiated emission	
nbotek Anbotek	in § 15.209(a)(see § 15.20 Frequency (MHz)	Field strength (microvolts/meter)	Measuremer distance (meters)
Anbor An	0.009-0.490	2400/F(kHz)	300
botek Anbo	0.490-1.705	24000/F(kHz)	30 M
Ano	1.705-30.0	30 Anbore At	30
Anboro A	30-88	100 **	3
the set of the set	88-216	150 **	3 tek
otek Ano	216-960	200 **	3
of aboter	Above 960	500	3 aboter
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	intentional radiators operat frequency bands 54-72 MF However, operation within 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	aragraph (g), fundamental emis ting under this section shall not Hz, 76-88 MHz, 174-216 MHz o these frequency bands is perm § 15.231 and 15.241. e, the tighter limit applies at the in the above table are based o peak detector except for the fre above 1000 MHz. Radiated em ed on measurements employing	be located in th r 470-806 MHz. itted under othe band edges. n measurement equency bands s ission limits in
h atek Anbore	V	V LOVET AND	10%
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		tek Anbo.

12. Emissions in frequency bands (above 1GHz)

12.1. EUT Operation

Operating Envi	ronment:	P	Anboten	AUD	-ok	abotek	Anbo	X
Test mode:	1: TX (Non hopping).	-Hopping): Ke	eep the EU1	in contir	nuously tr	ansmitting m	node (non-	re.

12.2. Test Setup



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Report No.:182512C400022101 Anbotek FCC ID: 2BBP3-RP3-H Anbott

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12.3. Test Data

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12.3. Test Dat	24.7 °C	Humidity:	55 %	Atmospheric	Pressure:	101 kPa
Anbo	botek	Anbolo	An	Anboten	And	nbotek
			TM1 / CH: L			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4804.80	28.66	15.27	43.93	74.00	-30.07	Vertical
7207.20	29.83	18.09	47.92	74.00	-26.08	Vertical
9609.60	30.95	23.76	54.71	74.00	-19.29	Vertical
12012.00	* spotek	Anbor	P	74.00	Aun	Vertical
14414.40	* Prin	tek Anbe	Ver Ano	74.00	otek Anbr	Vertical
4804.80	29.04	15.27	44.31	74.00	-29.69	Horizonta
7207.20	29.72	18.09	47.81	74.00	-26.19	Horizonta
9609.60	29.08	23.76	52.84	74.00	-21.16	Horizonta
12012.00	Ano*	h abovek	Aupor	74.00	Anboter	Horizontal
14414.40	Aupore	Annarel	Anborer	74.00	k abote	Horizonta
Average value:	:					
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarizatio
4804.80	18.04	15.27	33.31	54.00	-20.69	Vertical
7207.20	18.86	18.09	36.95	54.00	-17.05	Vertical
9609.60	19.97	23.76	43.73	54.00	-10.27	Vertical
12012.00	tore *	ek Anbor	P.	54.00	er Ano	Vertical
14414.40	oco * Am	atek an	oten Anb.	54.00	botek An	Vertical
4804.80	17.39	15.27	32.66	54.00	-21.34	Horizonta
7207.20	18.78	18.09	36.87	54.00	-17.13	Horizonta
9609.60	18.39	23.76	42.15	54.00	-11.85	Horizonta
12012.00	ALPO	p. abotek	Anboten	54.00	Anbotek	Horizonta
14414.40	* * Anboten	Ven	ek Anbote	54.00	۲ ۱	Horizonta

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			TM1 / CH: M			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4882.80	28.68	15.42	44.10	74.00	-29.90	Vertical
7324.20	29.68	18.02	47.70	74.00	-26.30	Vertical
9765.60	29.96	23.80	53.76	74.00	-20.24	Vertical
12207.00	Anbo *	botek	Anboro	74.00	Anboten	Vertical
14648.40	Anbot*	All	Anboten	74.00	abotek	Vertical
4882.80	28.74	15.42	44.16	74.00	-29.84	Horizontal
7324.20	29.71	18.02	47.73	74.00	-26.27	Horizontal
9765.60	28.78	23.80	52.58	74.00	-21.42	Horizontal
12207.00	potek * Anb		botek An	74.00	, otek	Horizontal
14648.40	***otek	rupore b	tek.	74.00	Ano	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarizatior
4882.80	17.77	15.42	33.19	54.00	-20.81	Vertical
7324.20	18.96	18.02	36.98	54.00	-17.02	Vertical
9765.60	19.83	23.80	43.63	54.00	-10.37	Vertical
12207.00	Anbote*	Ann	nbotek	54.00	L Lotek	Vertical
14648.40	Astory and a	Anbor	p	54.00	Ann	Vertical
4882.80	17.30	15.42	32.72	54.00	-21.28	Horizontal
7324.20	18.34	18.02	36.36	54.00	-17.64	Horizontal
9765.60	18.90	23.80	42.70 March	54.00	-11.30	Horizontal
12207.00	*	Poter An	~	54.00	100. 10	Horizontal
12207.00	ALC: AL		Not	01.00	-Va	Tionzontai

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			ГМ1 / СН: Н			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4958.80	28.95	15.58	44.53	74.00	-29.47	Vertical
7438.20	29.69	17.93	47.62	010 × 74.00 m	-26.38	Vertical
9917.60	30.51	23.83	54.34	74.00	-19.66	Vertical
12397.00	Anboto * A	tek	Anbotek	74.00	botek	Vertical
14876.40	h nboltok	Anbor	botek	74.00	A. Otek	Vertical
4958.80	28.81	15.58	44.39	74.00	-29.61	Horizontal
7438.20	29.74	17.93	47.67	74.00	-26.33	Horizontal
9917.60	29.46	23.83	53.29	74.00	-20.71	Horizontal
12397.00	otek * Anb	oto. Ann	Not Not	74.00 M		Horizontal
14876.40	*ek*	abotek A	hpo k	74.00	Auporo	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4958.80	18.89	15.58	34.47	54.00	-19.53	Vertical
7438.20	19.97	17.93	37.90	54.00	-16.10 M	Vertical
9917.60	20.38	23.83	44.21	54.00	-9.79	Vertical
12397.00	thotel*	Auporo	rotek	54.00	Ano	Vertical
14876.40	Am *tek	Anbotek	And	54.00	Anbote	Vertical
4958.80	18.74	15.58	34.32	54.00	-19.68	Horizontal
7438.20	19.71	17.93	37.64	54.00	-16.36	Horizontal
9917.60	18.80	23.83	42.63	54.00 × ⁰⁰⁰	-11.37	Horizontal
12397.00	*	botek Ant	loro An	54.00	poter Ant	Horizontal
14876.40	uporo * Al	18×	nboten	54.00	wolek	Horizontal

Remark:

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Result =Reading + Factor 1.

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"*" means the test results were attenuated more than 20dB below the permissible limits, so the 2. Anbo results don't record in the report.

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3. Only record the worst data (Module A) in the report. Anbo

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emperature: 2	24.7 °C	Humidity:	55 %	Atmospheric	Pressure:	101 kPa
Am	aboten	AND	~otek	Anbor	P	A nboto
			TM1 / CH: L			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4804.80	29.20	15.27	44.47	74.00	-29.53	Vertical
7207.20	30.35	18.09	48.44	74.00	-25.56	Vertical
9609.60	31.59	23.76	55.35	74.00	-18.65	Vertical
12012.00	*otek	Aupor	A. Sotek	74.00	Ann	Vertical
14414.40	A* wotek	Aupoter	And	74.00	Anbo	Vertical
4804.80	29.57	15.27	44.84	74.00	-29.16	Horizontal
7207.20	30.22 M ¹⁰	18.09	48.31	74.00	-25.69	Horizontal
9609.60	29.36	23.76	53.12	74.00	-20.88	Horizontal
12012.00	And *	abotek	Anbor	74.00	Anboke.	Horizontal
14414.40	Anb & to	Am	Anbotet	74.00	abotek	Horizontal
Average value: Frequency	Reading	Factor	Result	Limit	Over Limit	polarizatior
(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
4804.80	18.58	15.27	33.85	54.00	-20.15	Vertical
7207.20	19.38	18.09	37.47	54.00	-16.53	Vertical
9609.60	20.61	23.76	44.37	54.00	-9.63	Vertical
12012.00	* nbotek	Anbo	Notor	54.00	P.v.	Vertical
14414.40	*	K Anbore	Alle	54.00	sw Aupo	Vertical
4804.80	17.92	15.27	33.19	54.00	-20.81	Horizontal
7207.20	19.28	18.09	37.37	54.00	-16.63	Horizontal
9609.60	18.67	23.76	42.43	54.00	-11.57	Horizontal
12012.00	Anbo *	abotek	Anboren	54.00	Anboren	Horizontal
14414.40	1010	A. hotek	Anbotek	54.00	abotek	Horizontal

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Peak value:			1	I	I	
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4882.80	29.22	15.42	44.64	74.00	-29.36	Vertical
7324.20	30.20 M	18.02	48.22	o ^{ven} 74.00 ^{MnD}	-25.78	Vertical
9765.60	30.60	23.80	54.40	74.00	-19.60	Vertical
12207.00	Anbo *	-botek	Anbor	74.00	Anboten	Vertical
14648.40	Anbotte	Am	Anboten	74.00	nbotek	Vertical
4882.80	29.27	15.42	44.69	74.00	-29.31	Horizontal
7324.20	30.21	18.02	48.23	74.00	-25.77	Horizontal
9765.60	29.06	23.80	52.86	74.00	o ^{xe™} -21.14 ⊾ ^{nbo}	Horizontal
12207.00	potek * Ano	- Acres	botek An	74.00	wolek p	Horizontal
14648.40	hotek*	Aupore A	atek.	74.00	And	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4882.80	18.31,001	15.42	33.73	54.00	-20.27	Vertical
7324.20	19.48	o ^{ve} 18.02	37.50	54.00	-16.50	Vertical
9765.60	20.47	23.80	44.27	54.00	-9.73	Vertical
12207.00	Anbote*	Ann rek	abotek	54.00	hotek	Vertical
14648.40	*tek	Anbo	A. Lotek	54.00	Alla	Vertical
4882.80	17.83	15.42	33.25	54.00	-20.75	Horizontal
7324.20	18.84	18.02	36.86	54.00	-17.14 ^{,0010}	Horizontal
9765.60	19.18	23.80	42.98	54.00	-11.02	Horizontal
12207.00	Notek * AT	poter An	494	54.00	100	Horizontal
14648.40	*	10K	anbo.	54.00	abore	Horizontal

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Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4958.80	29.49	15.58	45.07	74.00	-28.93	Vertical
7438.20	30.21	17.93	48.14	ove 74.00 pm	-25.86	Vertical
9917.60	31.15	23.83	54.98	74.00	-19.02	Vertical
12397.00	Anbote * A	tek.	nbotek	74.00	abotek	Vertical
14876.40	nbo'*ek	Anbo	hotek	74.00	A	Vertical
4958.80	29.34	15.58	44.92	74.00	-29.08	Horizontal
7438.20	30.24	17.93	48.17	74.00	-25.83	Horizontal
9917.60	29.74	23.83	53.57	74.00	-20.43	Horizontal
12397.00	otek * Anb	oto. Vun	Not Not	74.00 M		Horizontal
14876.40	*	nbotek A	NDO K	74.00	Auport	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4958.80	19.43	15.58	35.01	54.00	-18.99	Vertical
7438.20	20.49	17.93	38.42	54.00	-15.58 M ¹⁰	Vertical
9917.60	21.02	23.83	44.85	54.00	-9.15	Vertical
12397.00	hotel*	Aupor	rt. stok	54.00	And	Vertical
14876.40	All * tek	Anboten	Ano	54.00	Aupore	Vertical
4958.80	19.27	15.58	34.85	54.00	-19.15	Horizontal
7438.20	20.21	17.93	38.14	54.00	-15.86	Horizontal
9917.60	19.08	23.83	42.91	54.00 × ⁰⁰	-11.09	Horizontal
12397.00	*	potek Ant	loro Am	54.00	poter Ant	Horizontal
14876.40	* 1000 * AT	10K	NOFER 1	54.00	Nor	Horizontal

Remark:

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

Shenzhen Anbotek Compliance Laboratory Limited

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APPENDIX I -- TEST SETUP PHOTOGRAPH

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Please refer to separated files Appendix I -- Test Setup Photograph RF

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APPENDIX II -- EXTERNAL PHOTOGRAPH

Please refer to separated files Appendix II -- External Photograph

APPENDIX III -- INTERNAL PHOTOGRAPH

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Please refer to separated files Appendix III -- Internal Photograph

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End of Report Anbotek

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