

Page 1 of 26 Report No.: FCC ID: 2BCDS-CA 18220WC30159701

FCC Test Report

Applicant Carrat Sarl

: Rue du prieure 39, Geneva, 1202, Switzerland Address

: CARRAT Bracelet **Product Name**

Report Date : Aug. 16, 2023

Shenzhen Anbotek Confirment









Report No.: 18220WC30159701 FCC ID: 2BCDS-CA Page 2 of 26

Contents

1. General Information	Aupo, W.		spo _{fer}	AUS	k
1.1. Client Information 1.2. Description of Device (EUT) 1.3. Auxiliary Equipment Used Dur 1.4. Description of Test Modes 1.5. Measurement Uncertainty 1.6. Test Summary 1.7. Description of Test Facility 1.8. Test Equipment List 2. Antenna requirement 3. Occupied Bandwidth 3.1. EUT Operation 3.2. Test Setup 3.3. Test Data 4. Maximum Conducted Output Power 4.1. EUT Operation 4.2. Test Setup 4.3. Test Data 5. Power Spectral Density 5.1. EUT Operation 5.2. Test Setup 5.3. Test Data 6. Emissions in non-restricted frequence 6.1. EUT Operation 6.2. Test Setup 6.3. Test Data 7. Band edge emissions (Radiated) 7.1. EUT Operation 7.2. Test Setup 7.3. Test Data	ring Test		Pupote _k	Anbore	
4. Maximum Conducted Output Power		itek Pupe), W		1
4.1. EUT Operation4.2. Test Setup4.3. Test Data	Laborat M	1000 00 V	Vipojek Vpo _{je}	Anbound	1 1
5. Power Spectral Density	Notek	Kupoter	Anb.	9x	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
5.1. EUT Operation 5.2. Test Setup	re, Yun	Aupolek	ek Vupo,	o ^{tek}	1
5.3. Test Data	Pupo,	iek Vupo	Potek	Aupolek	1
5.3. Test Data	cy bands	Retek bu	po _{tek}	Aupotek Vupotek	1
5.3. Test Data	cy bands	**************************************	polek Antonek	Anborek Anborek Anborek	11111
5.3. Test Data 6. Emissions in non-restricted frequence 6.1. EUT Operation	cy bands	ek Ando patek pr Andorek Andorek	potek panpotek Antoniek	Anborek Anborek Anborek	111111
5.3. Test Data 6. Emissions in non-restricted frequence 6.1. EUT Operation					
	inds (below 1GHz	<u>z</u>)	Kupote _k	Anbore Anbore	
8. Emissions in restricted frequency ba 8.1. EUT Operation	ands (below 1GHz	z)	Wipolek Wipolek	Anbore Anbore	,1 1
8. Emissions in restricted frequency ba 8.1. EUT Operation	inds (below 1GHz	z)z)	200 16 k		1 1 1





Report No.: 18220WC30159701 FCC ID: 2BCDS-CA Page 3 of 26

TEST REPORT

Applicant : Carrat Sarl

Manufacturer : Dongguan Agilian Technologies Co., Ltd

Product Name : CARRAT Bracelet

Test Model No. : CA

Reference Model No. : CGM, CGL, CGS, CSM, CSL, CSS, CRGM, CRGL, CRGS

Trade Mark : CARRAT

Rating(s) : Input: DC 3V by "CR1216" battery

Test Standard(s) : 47 CFR Part 15.247 2022

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.	Jul. 29, 2023
Date of Test:	Jul. 29, 2023 to Aug. 10, 2023
ak Anbotek Anbotek Anbotek Anbotek	Illa Liang
Prepared By:	All Stek And And
Anbotek Anbotek Anbotek Anbotek Anb	(Ella Liang)
	Idward pan
Approved & Authorized Signer:	abore Ans k hotek Anbo
k Anbote, And tek abotek Anbo	(Edward Pan)





Report No.: 18220WC30159701 FCC ID: 2BCDS-CA Page 4 of 26

Revision History

	Report Version	Description	Issued Date
	Anbore R00 potek An	Original Issue.	Aug. 16, 2023
;e	Anbotek Anbotek	Anbotek Anbotek Anbotek	K Anbotek Anbotek Ant
/0	ore Ambotek Anbotek	Anbotek Anbotek Anbot	tek Anbotek Anboter





FCC ID: 2BCDS-CA Report No.: 18220WC30159701 Page 5 of 26

1. General Information

1.1. Client Information

Applicant	:	Carrat Sarl
Address	:	Rue du prieure 39, Geneva, 1202, Switzerland
Manufacturer	:	Dongguan Agilian Technologies Co., Ltd
Address	:	Room 202, No. 3, Dongyi Street, Xingfa South Road, Wusha community, Chang'an Town, Dongguan City, Guangdong Province, China
Factory	:	Dongguan Agilian Technologies Co., Ltd
Address	:	Room 202, No. 3, Dongyi Street, Xingfa South Road, Wusha community, Chang'an Town, Dongguan City, Guangdong Province, China

1.2. Description of Device (EUT)

0, 0,		The state of the s
Product Name	:	CARRAT Bracelet
Test Model No.	:	CA tek anbotek Anbotek Anbotek Anbotek Anbotek
Reference Model No.	:	CGM, CGL, CGS, CSM, CSL, CSS, CRGM, CRGL, CRGS (Note: All samples are the same except the model number, enamel color and chain's material, so we prepare "CA" for test only.)
Trade Mark	:	CARRAT Andrew Andrew Andrew Andrew
Test Power Supply	:	DC 3V battery
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/A tek Anbotek Anbotek Anbotek Anbotek Anbotek
RF Specification		
Operation Frequency	:	2402MHz to 2480MHz
Number of Channel	:	40 Channels
Modulation Type	:	GFSK Anborek Anborek Anborek Anborek
Antenna Type	:	FPC Antenna Antorek Antorek Antorek
Antenna Gain(Peak)	:	1.37 dBi (Provided by customer)
Remark: (1) For a mospecifications or the U		detailed features description, please refer to the manufacturer's r's Manual.





Report No.: 18220WC30159701 FCC ID: 2BCDS-CA Page 6 of 26

1.3. Auxiliary Equipment Used During Test

Title	Manufacturer	Model No.	Serial No.
Anbotek / Anbote	Anbotek Anbotek	Anbo, sek anbotek	Aupore, 1 Aug.

1.4. Description of Test Modes

10	Pre	test Modes	Descriptions
	,nbotek	TM1 ^{rek} Anbor	Keep the EUT works in continuously transmitting mode with GFSK modulation.(BLE 1M)
	Amborek TM2 ooren Amb		Keep the EUT works in continuously transmitting mode with GFSK modulation.(BLE 2M)

1.5. Measurement Uncertainty

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



Report No.: 18220WC30159701 FCC ID: 2BCDS-CA Page 7 of 26

1.6. Test Summary

Test Items	Test Modes	Status
Antenna requirement	Anbotek / Anboter	P
Occupied Bandwidth	Mode1,2	PARIS
Maximum Conducted Output Power	Mode1,2	P AT
Power Spectral Density	Mode1,2	upott P
Emissions in non-restricted frequency bands	Mode1,2	Pup b
Band edge emissions (Radiated)	Mode1,2	AP OF
Emissions in restricted frequency bands (below 1GHz)	Mode1,2	Panbo
Emissions in restricted frequency bands (above 1GHz)	Mode1,2	PAN
Note:	oler Anbotek Ar	,botek

N: N/A, not applicable





Report No.: 18220WC30159701 FCC ID: 2BCDS-CA Page 8 of 26

1.7. 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.

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





Report No.: 18220WC30159701 FCC ID: 2BCDS-CA Page 9 of 26

1.8. Test Equipment List

Emiss	Emissions in restricted 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	Pre-amplifier	SONOMA	310N	186860	2022-10-23	2023-10-22			
3.k	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	2022-10-23	2025-10-22			
4 _{DOY}	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	Alpoyer	Andorek			

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
Aupore	MXG RF Vector Signal Generator	Agilent noore	N5182A	MY481806 56	2022-10-13	2023-10-12
2.nb	Power Meter	Agilent	N1914A	MY500011 02	2022-10-26	2023-10-25
3	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
5,10	Oscilloscope	Tektronix	MDO3012	C020298	2022-10-19	2023-10-18

	edge emissions (Ra sions in restricted fre	diated) equency bands (above	e 1GHz)	ek Vupor	otek Anbote	k Aupoter
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
2,0	EMI Preamplifier	SKET Electronic	LNPA- 0118G-45	SKET-PA- 002	2022-10-13	2023-10-12
3, ₀ 00	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	2022-10-16	2025-10-15
4	EMI Test Software EZ-EMC	SHURPLE And	N/A	otek N/A Anto	otek / Anbo.	otek Ambotek
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
7 7	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2023-05-25	2024-05-24





Report No.: 18220WC30159701 FCC ID: 2BCDS-CA Page 10 of 26

2. Antenna requirement

r. poiek	An intentional radiator shall be designed to ensure that no antenna other	
AUR	than that furnished by the responsible party shall be used with the device.	
Test Requiren	nent: The use of a permanently attached antenna or of an antenna that uses a	ore
k hotek	unique coupling to the intentional radiator shall be considered sufficient to	
er Anb	comply with the provisions of this section.	DU/O

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

3.1. EUT Operation

Operating Environment:	botek Anbote	YUPO ** CK	nboick	Vupo,	Vi. Potek	-
Yupo ok Potek	mode with GFS	E 1M): Keep the SK modulation.(BL E 2M): Keep the	E 1M)	~K 10	rek Anbo	510
Aupotek Aupotek	-177"	SK modulation.(Bl		potek Ar	botek Ar	Anbore of the last

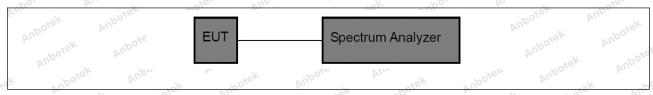






Report No.: 18220WC30159701 FCC ID: 2BCDS-CA Page 11 of 26

3.2. Test Setup



3.3. Test Data

Please Refer to Appendix for Details.





Report No.: 18220WC30159701 FCC ID: 2BCDS-CA Page 12 of 26

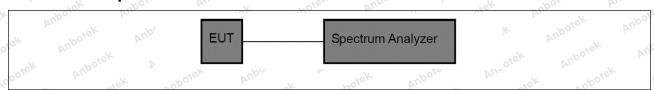
4. Maximum Conducted Output Power

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

4.1. EUT Operation

Operating Environment:	ek abotek	Aupole	Aug Potek	Anbotek	Aupo	12,
otek Anbotek Anbot	1: TX mode(BLE mode with GFS			ks in continuo	usly transmit	ting
Test mode:	2: TX mode(BLI	E 2M): Keep	the EUT wor	ks in continuc	ously transmit	ting
Anbotek Anbotek	mode with GFS	K modulatio	n.(BLE 2M)			

4.2. Test Setup



4.3. Test Data

Please Refer to Appendix for Details.





FCC ID: 2BCDS-CA Report No.: 18220WC30159701 Page 13 of 26

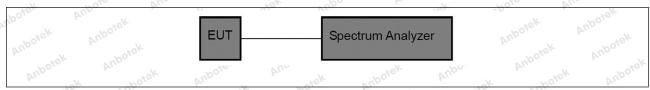
5. Power Spectral Density

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

5.1. EUT Operation

Operating Environment:	poiek	Anbotek	Anbo	abotek	Aupole	r vo	iek.
anbotek Anbotes			M): Keep the E		continuously	y transmittin	ng ver
Test mode:			nodulation.(BLI M): Keep the E		continuously	y transmittin	ng _{vot} el
Anboiek Anboie	mode w	ith GFSK m	odulation.(BLI	E 2M)	borek	Aupoie,	AUR
Arra	N. D.L.						

5.2. Test Setup



5.3. Test Data

Please Refer to Appendix for Details.



Hotline



Report No.: 18220WC30159701 FCC ID: 2BCDS-CA Page 14 of 26

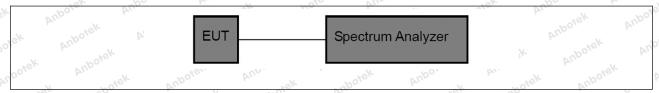
6. Emissions in non-restricted frequency bands

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

6.1. EUT Operation

Operating Env	ironment:	, hotek	Anboren	Vug Jok	anboiek	Aupor	~o _k
ok hotek	Aupore,	1: TX mode(BL	E 1M): Keep	the EUT wor	ks in continuo	usly transmit	tting
ocke, but		mode with GFS				ek abot	EK DAY
Test mode:		2: TX mode(BL	, .		ks in continuo	usly transmit	tting
AND	oriek M	mode with GFS	SK modulatio	n.(BLE 2M)			00.
Whole Wu	40.						Sporer

6.2. Test Setup



6.3. Test Data

Please Refer to Appendix for Details.





FCC ID: 2BCDS-CA Report No.: 18220WC30159701 Page 15 of 26

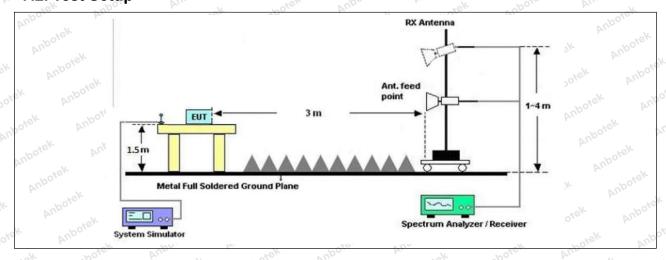
7. Band edge emissions (Radiated)

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)
o, bi,	0.009-0.490	2400/F(kHz)	300 Mboto
abotek Anbo	0.490-1.705	24000/F(kHz)	30 Lotek
All atek anboten	1.705-30.0	30° kek	30
Aupo, M. Wiek	30-88	100 **	3,ek nbore
T- taboren Andr	88-216	150 **	3
Test Limit:	216-960	200 **	3bores And
Valor, M.	Above 960	500 Morell Ambo	3 rek nb
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 C63.10-2020 section KDB 558074 D01 15.247 N		Anborer Anbo
Procedure:	ANSI C63.10-2020 section	6.10.5.2	Yuz Viek

7.1. EUT Operation

Operating Environment:	nbotek	Aupois	Androtek	Aupote	Anbo	tek out	potek
Anbotek Anbotek			Keep the EU		continuousl	y transmittin	g potek
Test mode:			Keep the EU Iulation.(BLE		continuousl	y transmittin	g _{Anbo}
ler Yup	otek An	bo. V	otek	Anboter			

7.2. Test Setup





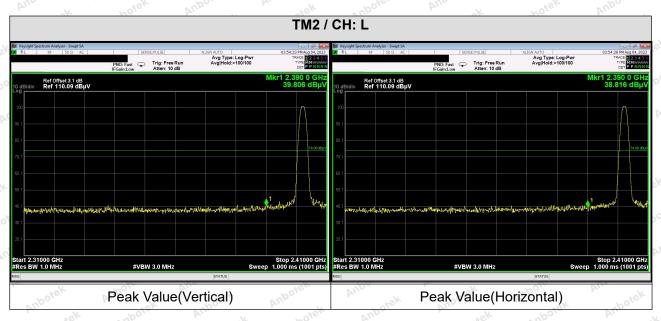


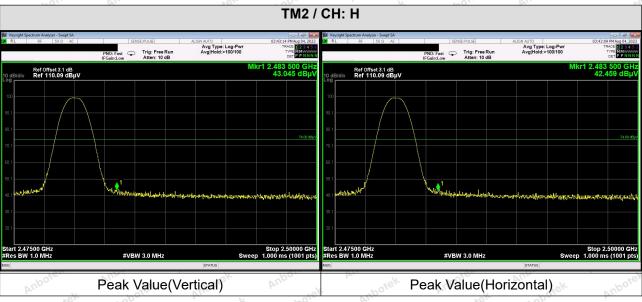


Report No.: 18220WC30159701 FCC ID: 2BCDS-CA Page 16 of 26

7.3. Test Data

Temperature: 22.1 °C Humidity: 49.5 % Atmospheric Pressure: 101 kPa





Remark: Only the worst case is recorded in the report.







Report No.: 18220WC30159701 FCC ID: 2BCDS-CA Page 17 of 26

Average:

Test Channel	Peak Value (dBuV/m)	Correction factor	Average Value (dBuV/m)	Limit (dBuV/m)	Polarization	Verdict
CLIOO	39.806	-1.51 A	38.292	54.00	Vertical	v Pass
CH00	38.816	-1.51	37.302	54.00	Horizontal	Pass
CURO	43.045	-1.51	41.531	54.00	Vertical	otel Pass
CH39	42.459	-1.51	40.945	54.00	Horizontal	Pass
V	tek anbore	VII.	boiek	PUP.	otek.	Aupore Au

Remark:

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





Report No.: FCC ID: 2BCDS-CA Page 18 of 26 18220WC30159701

8. Emissions in restricted frequency bands (below 1GHz)

Test Requirement:	restricted bands, as define	, In addition, radiated emissions d in § 15.205(a), must also comp ecified in § 15.209(a)(see § 15.2	oly with the
Anbotek Anbo	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
botek Anbotek	0.009-0.490 0.490-1.705	2400/F(kHz) 24000/F(kHz)	300
Anbotek Anbotek	1.705-30.0 30-88	30 100 **	30
Test Limit:	88-216 216-960	150 ** 200 **	3
	intentional radiators operative frequency bands 54-72 MHz	│ 500 eragraph (g), fundamental emissiting under this section shall not b Hz, 76-88 MHz, 174-216 MHz or these frequency bands is permit	ions from be located in the 470-806 MHz.
Test Method:	ANSI C63.10-2020 section	ı 6.6.4 Meas Guidance v05r02	Anbores Anbo
Allouriou:	NDD 33007 + D01 13.247 1	(640'0 A 11'0') I 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

8.1. EUT Operation

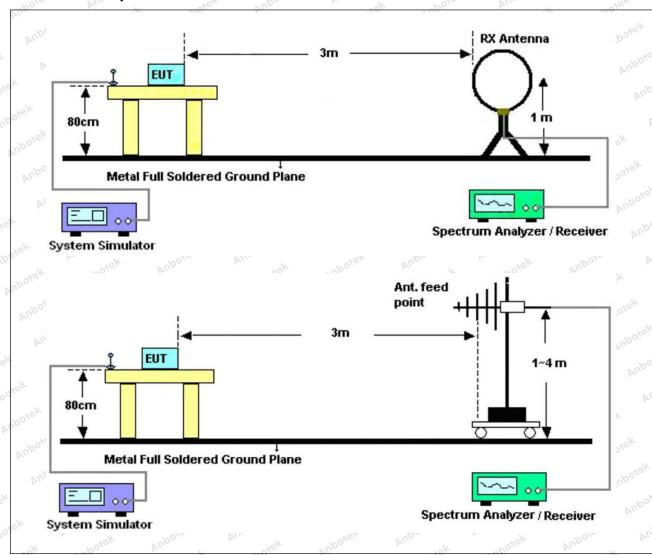
Operating Envir	onment:						k aboiek
Test mode:	Anbotek n	node with (:: TX mode	ĠFSK modul (BLE 1M): k	Keep the EUT value and the EUT	1) works in cor	de de	otek Anbo.





Report No.: 18220WC30159701 FCC ID: 2BCDS-CA Page 19 of 26

8.2. Test Setup



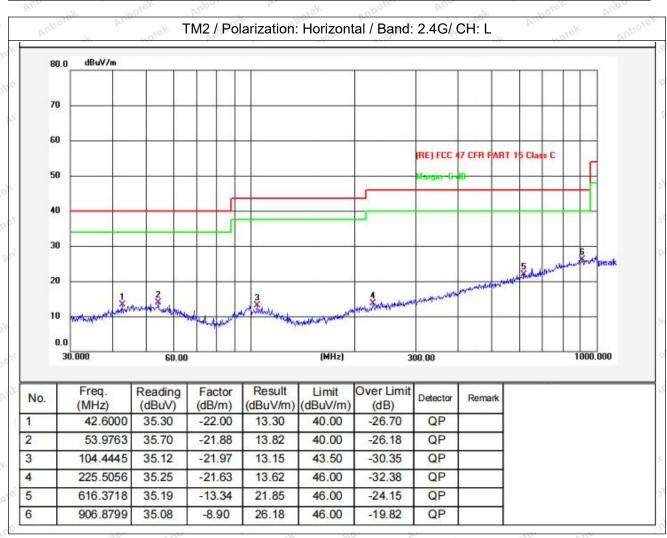




Report No.: 18220WC30159701 FCC ID: 2BCDS-CA Page 20 of 26

8.3. Test Data

Temperature: 22.9 °C Humidity: 52 % Atmospheric Pressure: 102 kPa

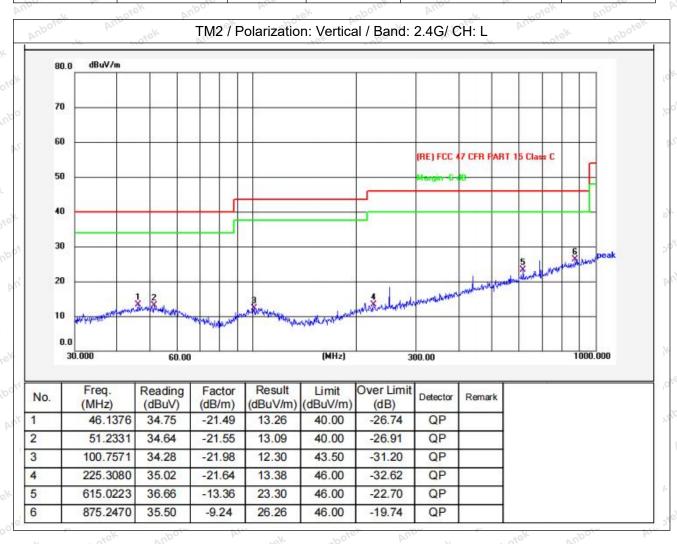






Report No.: 18220WC30159701 FCC ID: 2BCDS-CA Page 21 of 26

Temperature: 22.9 °C Humidity: 52 % Atmospheric Pressure: 102 kPa







Report No.: 18220WC30159701 FCC ID: 2BCDS-CA Page 22 of 26

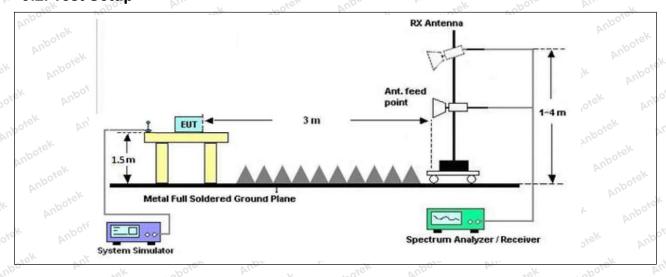
9. Emissions in restricted frequency bands (above 1GHz)

A 111	VO 100		
Test Requirement:		ons which fall in the restricted ba omply with the radiated emission 5(c)).`	
tek Anbotek Anbot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
ko, bil	0.009-0.490	2400/F(kHz)	300
abotek Anbo	0.490-1.705	24000/F(kHz)	30 50tek
Al. Otek Unpoter	1.705-30.0	30° , and	30 And
Anbo. A. sotek	30-88	100 **	3,ek nbore
Tankboret And	88-216	150 **	3
Test Limit:	216-960	200 **	3 pore Ant
Anbo	Above 960	500 horek Ando	3 rek and
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.
abotek Anbo	§§ 15.231 and 15.241.	All abotek Ar	bo k kotel
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		Anboter Anb
Procedure:	ANSI C63.10-2020 section	6.6.4	Au. Diek

9.1. EUT Operation

Operating Environment:	nbotek	Aupolo	Ans Potek	Anbotek	Anioo	iek ont	otek
Anbotek Anbotek			Keep the EU lulation.(BLE		ontinuously	/ transmitting	g _{Anbotek}
Test mode:			Keep the EU lulation.(BLE		ontinuously	/ transmitting	g _{Anbo}
ler Aug	otek An	/po, /	otek	Mupolen			

9.2. Test Setup











Report No.: 18220WC30159701 FCC ID: 2BCDS-CA Page 23 of 26

9.3. Test Data

Temperature: 22.9 °C Humidity: 52 % Atmospheric Pressure: 102 kPa

Vur.	hotek And		rick anbor	Ans.	ok botek	Anbo.
			TM2 / CH: L			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4804.00	30.39	15.27	45.66	74.00	-28.34	Vertical
7206.00	30.12	18.09	48.21	74.00	-25.79	Vertical
9608.00	31.64	23.76	55.40	74.00	-18.60	Vertical
12010.00	Vupote,* V	io.	abořek Anb	74.00	otek Anbote	Vertical
14412.00	OUPO*SK	Aupo, ok	hoisk t	74.00	rick on	Vertical
4804.00	29.89	15.27	45.16	74.00	-28.84	Horizontal
7206.00	31.37	18.09	49.46	74.00	-24.54	Horizontal
9608.00	28.94	23.76	52.70	74.00	-21.30	Horizontal
12010.00	otek * Aupo	-V 50	ick Wipote	74.00	, abotek	Horizontal
14412.00	hotek* Ar	DOJE VILL	iek inbo	74.00	ak hotel	Horizontal
Average value: Frequency	Reading	Factor	Result	Limit	Over Limit	polarization
(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
4804.00	18.66	15.27	33.93	54.00	-20.07	Vertical
7206.00	19.17	18.09	37.26	54.00	-16.74	Vertical
9608.00	21.11	23.76	44.87	54.00	-9.13 ore	Vertical
12010.00	* Nbotok	Vupo, W.	Poisk Vi	54.00	Tek Nips	Vertical
14412.00	* * *	Aupote.	Ann	54.00	100. W.	Vertical
4804.00	18.22	15.27	33.49	54.00	-20.51	Horizontal
7206.00	20.40	18.09	38.49	54.00	-15.51	Horizontal
9608.00	18.45 18.45	23.76	42.21	54.00	-11.79	Horizontal
12010.00	rek *	otek Wupo,	No.	54.00	YU.	Horizontal
14412.00	Vpo. *	otek ant	OTO AND	54.00	ek Aupo	Horizontal





Page 24 of 26 Report No.: 18220WC30159701 FCC ID: 2BCDS-CA

Yupo,	bu.	"Upote,	Anti	hotek	Vupo, v	, tek
			ΓM2 / CH: M			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4880.00	29.94	15.42	45.36	74.00	-28.64	Vertical
7320.00	30.09	18.02	48.11	74.00	-25.89	Vertical
9760.00	31.14	23.80	54.94	74.00	-19.06	Vertical
12200.00	ek * społek	Aupo.	k. hotek	74.00	And	Vertical
14640.00	* * *	ick Wipose	DU.	74.00	Aupor	Vertical
4880.00	29.70	15.42	45.12	74.00	-28.88	Horizontal
7320.00	31.24	18.02	49.26	74.00	-24.74	Horizontal
9760.00	28.66	23.80	52.46	74.00	-21.54	Horizontal
12200.00	* otek	Anbore	And	74.00	"Upo, "K	Horizontal
14640.00	AT STOK	Anbotek	Aupo, ak	74.00	Aupore	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4880.00	18.75	15.42	34.17	54.00	-19.83	Vertical °
7320.00	19.03	18.02	37.05	54.00	-16.95	Vertical
9760.00	20.96	23.80	44.76	54.00	-9.24	Vertical
12200.00	k ¥upote	View Sick	upotek	54.00	boiek	Vertical
14640.00	otek * Anbote	Anbo	ek spojek	54.00	Di.	Vertical
4880.00	18.33	15.42	33.75	54.00	-20.25	Horizontal
7320.00	20.75	18.02	38.77	54.00	-15.23	Horizontal
9760.00	18.75	23.80	42.55	54.00	11.45 And	Horizontal
12200.00	Aupotek	Aup. *ek	abotek	54.00	Lotek D	Horizontal
14640.00	* botek	Vupo.	W. Otek	54.00	And	Horizontal





Report No.: 18220WC30159701 FCC ID: 2BCDS-CA Page 25 of 26

Ler AUD	- dek	Vupo,	Dr.	hoie.	VUR.	rek.
			TM2 / CH: H			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4960.00	30.07	15.58	45.65	74.00	-28.35 mo	Vertical
7440.00	30.25	17.93	48.18	74.00	-25.82	Vertical
9920.00	31.84	23.83	55.67	74.00	-18.33	Vertical
12400.00	* woiel	Aupoles	YUR * CK	74.00	Aupo,	Vertical
14880.00	* And	rek "Upotel	Aupo.	74.00	Aupore.	Vertical
4960.00	29.84	15.58	45.42	74.00	-28.58	Horizontal
7440.00	31.45	17.93	49.38	74.00	-24.62	Horizontal
9920.00	29.04	23.83	52.87	74.00	-21.13	Horizontal
12400.00	And *	abotek	Aupo	74.00	Aupote, Au	Horizontal
14880.00	VI*po,	hotek	Anbores	74.00	anbotek	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4960.00	19.87	15.58	35.45	54.00	-18.55	Vertical
7440.00	20.30	17.93	38.23	54.00	, ot -15.77 And	Vertical
9920.00	21.61	23.83	45.44	54.00	-8.56	Vertical N
12400.00	k * spotek	Anbo.	hotek	54.00	Pur	Vertical
14880.00	* * *	sk Aupore	And	54.00	Aupo	Vertical
4960.00	19.51	15.58	35.09	54.00	-18.91	Horizontal
7440.00	21.55	17.93	39.48	54.00	-14.52 °	Horizontal
9920.00	18.90	23.83	42.73	54.00	-11.27	Horizontal
12400.00	* tek	Aupotes	Aur	54.00	ipo. bis	Horizontal
14880 00	Ant *	hotel	Anbo	54 00	Vupote b	Horizontal

Remark:

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







Report No.: 18220WC30159701 FCC ID: 2BCDS-CA Page 26 of 26

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 -----

