

Report No.: 18220WC30181202 FCC ID: 2A8FE-WS1A Page 1 of 32

FCC Test Report

Applicant : Shenzhen FreeYond Technology Co Ltd

Unit 203, Block A, Tengfei Industrial Building,

Address : No.6 Taohua Road, Futian Bonded Area,

Shenzhen, Guangdong, China

Product Name : Smart Watch

Report Date : Sept. 22, 2023

Shenzhen Anbotek Compliance Laboratory Limited
*Approved**







Report No.: 18220WC30181202 FCC ID: 2A8FE-WS1A Page 2 of 32

Contents

1. General Information	Aupo,	W. Matek	phote.	Ant. Yek	betek
1.1. Client Information	Aupote.	VUr.	obotek	Aupo,	
1.2. Description of Device (EUT)1.3. Auxiliary Equipment Used Dur	4	Aupo,	//	× 1000	And And
1.3. Auxiliary Equipment Used Dur	ring Test	rek	And		
1.4. Operation channel list 1.5. Description of Test Modes	- 12te		,010k	,0\ <u>'</u>	o de la companya della companya dell
1.5. Description of Test Modes	-hotek Ar		riek	VUpoley.	- Kulg
1.6. Measurement Uncertainty 1.7. Test Summary		, doo'e	YUD.	, otek	Vupo
1.8. Description of Test Facility			gobor		<u></u>
1.9. Disclaimer	Wipote.	AUL	botek	Wopo,	-V 1074
1.10. lest Equipment List	· Sport	P'Upo',	L Sote	k Aupo	.210
2. Antenna requirement	γ ~ ~ , ~ , ~ , ~ , . , . , . , . , . , .	ek	<u> </u>	* ek	12
2.1. Conclusion	Yen And	, 00°	otek polo	o, b,	
3. Conducted Emission at AC power lin	лез ^{кек}	bo, b.,		upote.	Anu 1:
3.1, EUT Operation	otek	Anbote, A	ur rek	obořek	Anbo.
3.2. Test Setup	Vu	400tek	Aupo.	h, mek	1
3.3. Test Data	bopo,	by.	""Poter	- Anb.	1
1.9. Disclaimer 1.10. Test Equipment List 2. Antenna requirement 2.1. Conclusion 3. Conducted Emission at AC power lin 3.1. EUT Operation 3.2. Test Setup 3.3. Test Data 4. Occupied Bandwidth 4.1. EUT Operation 4.2. Test Setup 4.3. Test Data	Poposer	Vup.	iei	r Aupor	
4.1. EUT Operation	9 ⁵ 000	ak Anbo,		rek Du	o ^{te.} 10
4.2. Test Setup	·	240,,,	yer And		1
4.3. Test Data	<u> </u>			⁰ / ₀₀ ,	1
4.3. Test Setup 4.3. Test Data 5. Maximum Conducted Output Power 5.1. EUT Operation 5.2. Test Setup	Josek	huporg W	ke/	Moter	18
5.1. EUT Operation	Wr.	Mooter	Vup. **	botek	18
5.2. Test Setup	And		Vupore		18
5.3. Test Data	Kupo,	V. V.	AUDOJO.		1
5.2. Test Setup	э <u>ү</u> " " " " " " " " " " " " " " " " " " "	Anbe		iek pub	1
6.1. EUT Operation		otek Pupo	Pri.	tek	
6.2. Test Setup	2010 AIII		100ter Ar	/p~ .	1
b.s. resi Dala		.07			
7. Emissions in non-restricted frequence	cy bands	- popore	Vu.	Who tek	<u>An</u> bo
7.1. EUT Operation	W. Viek	nebotek.	Anbo	vatel	2
7.2. Test Setup	Anbo	······································	Kupore.	P.U.P.	20
7.3. Test Data	×	An	sk "ho	8k	20
8. Band edge emissions (Radiated)		itek Mpo.		notek	2
8.1. EUT Operation			DOLO VU		
8.2. Test Setup		Un.	otek.	Vupo.	n' 2
	76 p	78/			701
8.3. Test Data	7000 Sek	Kupojek	Pup.	Autojek	2
8.3. Test Data 9. Emissions in frequency bands (below	w 1GHz)	Kupo _{tek}	Anbolek Anbolek	Angotek Angotek	2
8.3. Test Data 9. Emissions in frequency bands (below 9.1. EUT Operation	w 1GHz)	kupotek Mapotek	Anbolek Anbolek	Anbotek Anbotek	22 24
7.1. EUT Operation	w 1GHz)	Wipolek Wipolek	A 1000	Anvoiek	22 24 22







Report No.: 18220WC30181202	FCC ID: 2A8F	E-WS1A	Page 3 of 3	32
10. Emissions in frequency bands (above 1GHz)) hopoyek tu	oor Arr.	Anboren	28
10.1. EUT Operation	abo ^{jek}	Aupo. K.	isk Vupose	28
10.2. Test Setup		aboter And	······································	28
10.3. Test Data	k Vupo.		upote Am	29
APPENDIX I TEST SETUP PHOTOGRAPH	otek Anbote	Vun.	abotek An'	32
APPENDIX II EXTERNAL PHOTOGRAPH		Aupo,	bi.	32
APPENDIX III INTERNAL PHOTOGRAPH			Aupo,	32





FCC ID: 2A8FE-WS1A Page 4 of 32 Report No.: 18220WC30181202

TEST REPORT

Shenzhen FreeYond Technology Co Ltd Applicant

Shenzhen FreeYond Technology Co Ltd Manufacturer

Product Name Smart Watch

Test Model No. 2308003W

Reference Model No. : N/A

Trade Mark FreeYond

Rating(s) Input: 5V-0.2A(with DC 3.8V, 260mAh battery inside)

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. 25, 2023
Date of Test:	Aug. 25 ~ Sept. 05, 2023
	Nian xiu Chen
Prepared By:	ote. And Anbo.
	(Nianxiu Chen)
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Approved & Authorized Signer:	W. Tek Upoter Aug.
ok hotek Anbotek Anti-	(Edward Pan)







Report No.: 18220WC30181202 FCC ID: 2A8FE-WS1A Page 5 of 32

Revision History

	Report Version	Description	Issued Date
	Anbore R00 nborek Ant	Original Issue.	Sept. 22, 2023
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Report No.: 18220WC30181202 FCC ID: 2A8FE-WS1A Page 6 of 32

1. General Information

1.1. Client Information

Applicant	:	Shenzhen FreeYond Technology Co Ltd
Address	:	Unit 203,Block A,Tengfei Industrial Building, No.6 Taohua Road, Futian Bonded Area, Shenzhen,Guangdong, China
Manufacturer		Shenzhen FreeYond Technology Co Ltd
Address	:	Unit 203,Block A,Tengfei Industrial Building, No.6 Taohua Road, Futian Bonded Area, Shenzhen,Guangdong, China
Factory	:	Jiangxi Lianchuang HongSheng Intelligent Technology Co.,Ltd
Address	:	Chuangye Avenue, Zone 1 of Industrial Park, Wan'an County, Ji'an City, Jiangxi.P.R.China

1.2. Description of Device (EUT)

VI. VII.		
Product Name	:	Smart Watch
Test Model No.	:	2308003W
Reference Model No.	:	N/A potek Anbotek Anbotek Anbotek Anbotek Anbotek
Trade Mark	:	FreeYond
Test Power Supply	:	AC 120V, 60Hz for Adapter/ DC 3.8V battery inside
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/A Ick Anbotek Anbotek Anbotek Anbotek
RF Specification		
Operation Frequency	:	2402MHz to 2480MHz
Number of Channel	:	40 Channels
Modulation Type	:	GFSK Morek Andrew Andrew Andrew
Antenna Type	:	Monopole Antenna
Antenna Gain(Peak)	:	-5.81 dBi Anborek Anborek Anborek
Remark		And the potent Andre the tek abote. And

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.

1.3. Auxiliary Equipment Used During Test

Title Manufacturer		Model No.	Serial No.	
Xiaomi 33W adapter	Xiaomi	MDY-11-EX	SA62212LA04358J	







Report No.: 18220WC30181202 FCC ID: 2A8FE-WS1A Page 7 of 32

1.4. Operation channel list

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
P.000	2402	10000	2422	20 botek	2442	30	2462
1 _{Anbot}	2404	k 11 _{anb} ot	2424	21	2444	31	2464
rek 2 An	2406	12 n	otel 2426 March 2426	22	2446 And	32	2466
otek 3	2408	13	2428	23	2448	bote 33	2468
4	2410	14	2430	Mod 24	2450	34	2470
And 5	2412	Anb 15	2432	25	2452	35	2472
6	2414	16	2434	26	2454	36	2474
Zupor	2416	17,nbote	2436	× 27 nbot	2456	37	2476
ek 8 Ant	2418	tek 18 Anb	2438	28	2458 M	38	2478
potek 9	2420	, e 19	2440	29	2460	39	2480

1.5. Description of Test Modes

	Pretest Modes	Descriptions
X-	Anbotek TM1	Keep the EUT connect to AC power line and works in continuously transmitting mode (BLE 1M)
o ^t	TM2	Keep the EUT connect to AC power line and works in continuously transmitting mode (BLE 2M)

1.6. Measurement Uncertainty

Uncertainty
3.4dB
925Hz
0.76dB Andrew Andrew Andrew
A1.24dB And Andorek Andorek
1G-6GHz: 4.78dB; 6G-18GHz: 4.88dB 18G-40GHz: 5.68dB
3.53dBnbot and Anborek Anborek
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.







Report No.: 18220WC30181202 FCC ID: 2A8FE-WS1A Page 8 of 32

1.7. Test Summary

Test Items	Test Modes	Status
Antenna requirement	Anborek / Anbore	P
Conducted Emission at AC power line	Mode1,2	P ^{Amb}
Occupied Bandwidth	Mode1,2	P
Maximum Conducted Output Power	Mode1,2	nbox Pk
Power Spectral Density	Mode1,2	Anb Prek
Emissions in non-restricted frequency bands	Mode1,2	P P
Band edge emissions (Radiated)	Mode1,2	Pants
Emissions in frequency bands (below 1GHz)	Mode1,2	b bu
Emissions in frequency bands (above 1GHz)	Mode1,2	P P
Note: P: Pass N: N/A, not applicable	Anbotek Anbotek	Aupotek

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.

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.: 18220WC30181202 FCC ID: 2A8FE-WS1A Page 9 of 32

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.





18220WC30181202 Page 10 of 32 Report No.:

1.10. Test Equipment List

Cond	ucted Emission at A	C power line	Aupo.	k Spotel	Aupoter	Andhotek
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	2022-10-23	2023-10-22
2 Sotek	Three Phase V- type Artificial Power Network	CYBERTEK	EM5040DT	E215040D T001	2023-07-05	2024-07-04
3	EMI Test Receiver	Rohde & Schwarz	ESCI	100627	2022-10-13	2023-10-12
4	Software Name EZ-EMC	Farad Technology	ANB-03A	N/A Mod	ek /Anborek	ek Anborek

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
1 _{An} r	MXG RF Vector Signal Generator	Agilent Agilent	N5182A	MY481806 56	2022-10-13	2023-10-12
2	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	Oscilloscope	Tektronix	MDO3012	C020298	2022-10-19	2023-10-18

	edge emissions (Ra sions in frequency ba		upojek Vul	otek Anb	otek Anb	otek Anbotel
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
100 to	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	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	upotek / Anbo	hotek / Anbo
o**5	Horn Antenna	A-INFO	LB-180400- KF	J21106062 8	2022-10-23	2023-10-22
upgiek	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	101792	2023-05-26	2024-05-25
P7001	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2023-05-25	2024-05-24





Report No.: 18220WC30181202 FCC ID: 2A8FE-WS1A Page 11 of 32

Emiss	sions in frequency ba	ands (below 1GHz)	Anbore	An aborek	Anboten	Anborotek
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1 _{An}	Bilog Broadband Antenna	SCHWARZBECK	VULB 9163	01109	2022-10-16	2025-10-15
2	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2022-10-23	2023-10-22
√e ¹ /3	Pre-amplifier	SONOMA	310N	186860	2022-10-23	2023-10-22
104°K	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	2022-10-23	2025-10-22
P.50016	EMI Test Software EZ-EMC	SHURPLE	N/A N/A	N/A	ek Anborek	W. Aotek





Report No.: 18220WC30181202 FCC ID: 2A8FE-WS1A Page 12 of 32

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 **Monopole Antenna** which permanently attached, and the best case gain of the antenna is **-5.81 dBi**. It complies with the standard requirement.





Report No.: 18220WC30181202 FCC ID: 2A8FE-WS1A Page 13 of 32

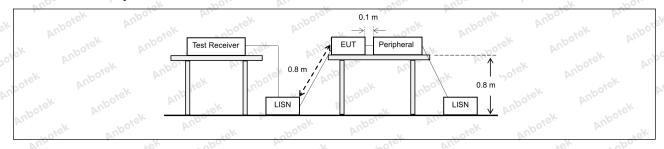
3. Conducted Emission at AC power line

Anbotek Anbotek	Refer to 47 CFR 15.207(a), Excessection, for an intentional radiator public utility (AC) power line, the int	that is designed to be con	nected to the			
Test Requirement:	back onto the AC power line on a band 150 kHz to 30 MHz, shall no measured using a 50 μH/50 ohms (LISN).	ny frequency or frequencie ot exceed the limits in the f	es, within the ollowing table, as			
abotek Anbo	Frequency of emission (MHz)	Conducted limit (dBµV)				
in.	And ak hotek Anbor	Quasi-peak	Average			
Anbo. A. Stek	0.15-0.5	66 to 56*	56 to 46*			
Test Limit:	0.5-5 stek Anbote All	56 An	46			
All tek abote	5-30 m	60	50 And			
Aupo, ok W.	*Decreases with the logarithm of the frequency.					
Test Method:	ANSI C63.10-2020 section 6.2	abotek Anbote	VII.			
Procedure:	Refer to ANSI C63.10-2020 section line conducted emissions from un					

3.1. EUT Operation

Operating Envi	ronment:	Aupos	photek	Anboren	Pup	otek o	nbotek	Aupor
Test mode:	continuous 2: TX mode	slỳ transmitt e(BLE 2M):	Keep the El ting mode (B Keep the El	LE 1M) JT connect	-otek			ik Aup
lpo, tek vup	Continuous	ыу папынш	ting mode (B	Anbolvi)				

3.2. Test Setup





Hotline

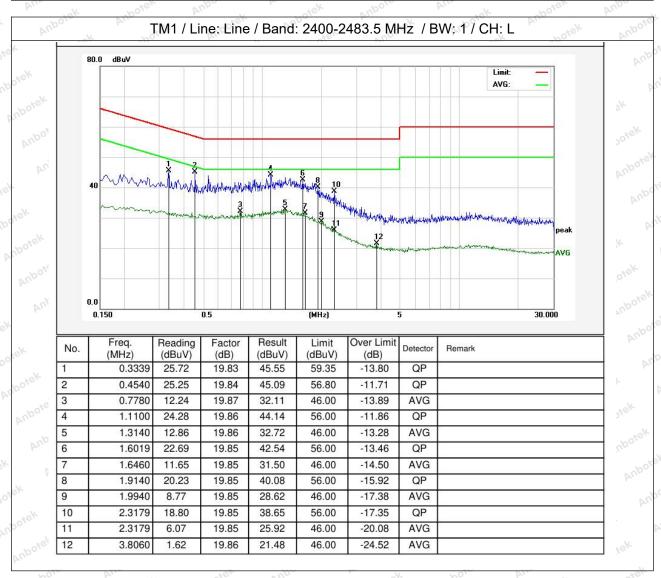
400-003-0500



Report No.: 18220WC30181202 FCC ID: 2A8FE-WS1A Page 14 of 32

3.3. Test Data

Temperature: 24.2 °C Humidity: 59 % Atmospheric Pressure: 96 kPa



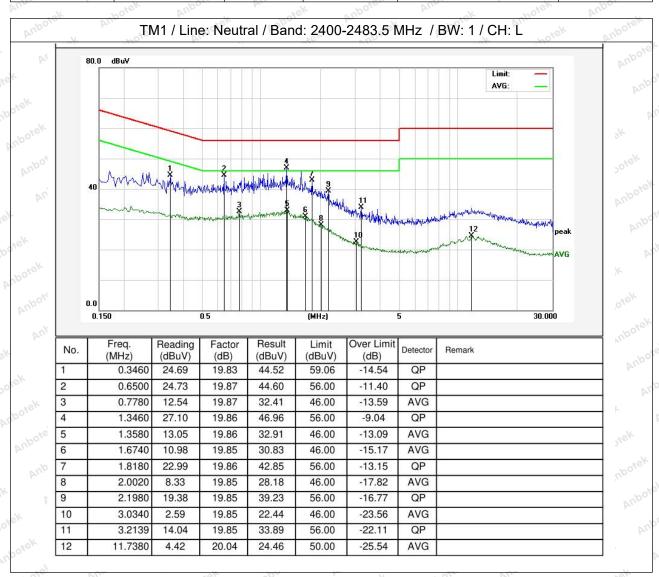






FCC ID: 2A8FE-WS1A Report No.: 18220WC30181202 Page 15 of 32

24.2 °C Temperature: Humidity: 59 % Atmospheric Pressure: 96 kPa



Note: Only record the worst data in the report.









Report No.: 18220WC30181202 FCC ID: 2A8FE-WS1A Page 16 of 32

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.
Test Method:	ANSI C63.10-2020, section 11.8 KDB 558074 D01 15.247 Meas Guidance v05r02
nbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbot	 11.8.1 Option 1 The steps for the first option are as follows: a) Set RBW = shall be in the range of 1% to 5% of the OBW but not less than 100 kHz. b) Set the VBW ≥ [3 × RBW]. c) Detector = peak. d) Trace mode = max-hold. e) Sweep = No faster than coupled (auto) time. f) Allow the trace to stabilize.
Procedure:	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.
ootek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	11.8.2 Option 2 The automatic bandwidth measurement capability of an instrument may be employed using the X dB bandwidth mode with X set to 6 dB, if the functionality described in 11.8.1 (i.e., RBW = 100 kHz, VBW ≥ 3 × RBW, and peak detector with maximum hold) is implemented by the instrumentation function. When using this capability, care shall be taken so that the bandwidth measurement is not influenced by any intermediate power nulls in the fundamental emission that might be ≥ 6 dB.

4.1. EUT Operation

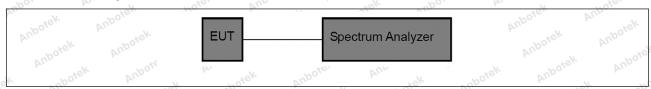
Operating Envir	onment:				k apo		-/- P
Aupo, W.	1: TX mode(BLE continuously tran			ct to AC po	wer line ar	nd works in	upote.
Test mode:	2: TX mode(BLE	2M): Keep th	e EUT conne	ct to AC po	wer line ar	nd works in	Aupor
k Ando	continuously tran	smitting mod	e (BLE 2M)			Anboiek	Aupor





Report No.: 18220WC30181202 FCC ID: 2A8FE-WS1A Page 17 of 32

4.2. Test Setup



4.3. Test Data

Temperature:	24.9 °C	Humidity:	48 %	Atmospheric Pressure:	101 kPa
Tomporataro.	2110	i idilligity.	10170	/ tarricopriorio / roccaro.	101111





Report No.: 18220WC30181202 FCC ID: 2A8FE-WS1A Page 18 of 32

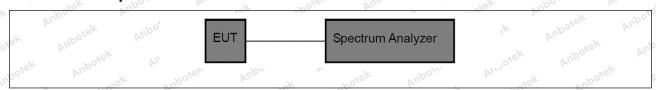
5. Maximum Conducted Output Power

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

5.1. EUT Operation

Operating Envi	ronment:	aboiek	Aupore	K No	otek Anb	otek Aup	iek .	nbo'
yek Aupotek			Keep the EU		to AC powe	r line and wor	ks in	P.c.
Test mode:			Keep the EU ing mode (BL		to AC powe	r line and woı	ks in	
Anbore All	No.							

5.2. Test Setup



5.3. Test Data

emperature: 24.9 °C	Humidity: 48 %	Atmospheric Pressure: 101 kP	a ^{loo}
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Report No.: 18220WC30181202 FCC ID: 2A8FE-WS1A Page 19 of 32

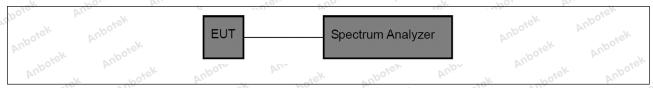
6. Power Spectral Density

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

6.1. EUT Operation

Operating Envi	ronment:	hotek	Aupoter	Anba	arek .	nbotek	Vupor	V.	hotek
Anbotek Anb	1: TX mod continuous 2: TX mod	slỳ trans	mitting mo	de (BLE 1	1M)	And			Auposek
Test mode:	continuou					AC powe	o ^{tek}	Anbores III	

6.2. Test Setup



6.3. Test Data

Temperature: 24.9 °C	Humidity:	48 %	Atmospheric Pressure:	101 kPa	VU,
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Report No.: 18220WC30181202 FCC ID: 2A8FE-WS1A Page 20 of 32

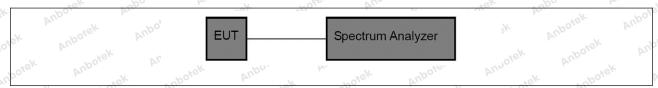
7. Emissions in non-restricted frequency bands

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

7.1. EUT Operation

Operating Envi	ronment:	aboiek	Anbois	PU,	riek Anb	otek Aupo	sek ou
Test mode:	1: TX mode(B continuously t 2: TX mode(B continuously t	ransmitting LE 2M): K	g mode (BLI eep the EU	Ξ 1M) Γ connect	upor		aboiek
Anboten Anb	sek abo	tek An	100, K	Lotek			

7.2. Test Setup



7.3. Test Data

Temperature:	24.9°C	VUPOR	Humidity:	48 %	abo'tel	Atmospheric Pressure:	101 kPa
	WO -	150		-40-		- NO .	- Pr.







Report No.: 18220WC30181202 FCC ID: 2A8FE-WS1A Page 21 of 32

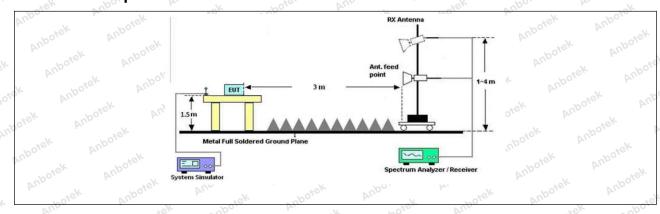
8. Band edge emissions (Radiated)

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				
tek Vupotek Vupo	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)				
k hotek	0.009-0.490	2400/F(kHz)	300 Mport				
aboten And	0.490-1.705	24000/F(kHz)	30 Sole !				
otek Anboie	1.705-30.0	30 stek mbo	30				
Anbo k hotek	30-88	100 **	3ek Anbore				
- aboten Anti	88-216	150 **	3 grev				
Test Limit:	216-960	200 **	3bore And				
Anbo	Above 960	500	3 nick pho				
hbotek Anbotek Anbotek Anbotek Anbotek	** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241.						
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		Anborek Anbo				
Procedure:	ANSI C63.10-2020 section	6.10.5.2	hoiek Ar				

8.1. EUT Operation

Operating Envi	ronment:	nbotek	Anbo.	k botek	Anbore	Andarek	Aupoiek.
Anbotek A	continuo	uslỳ transm	nitting mode	e (BLE 1M)	. 60.	er line and works	And
Test mode:				e EUT conne e (BLE 2M)	ct to AC powe	er line and works	ein Aupo,

8.2. Test Setup





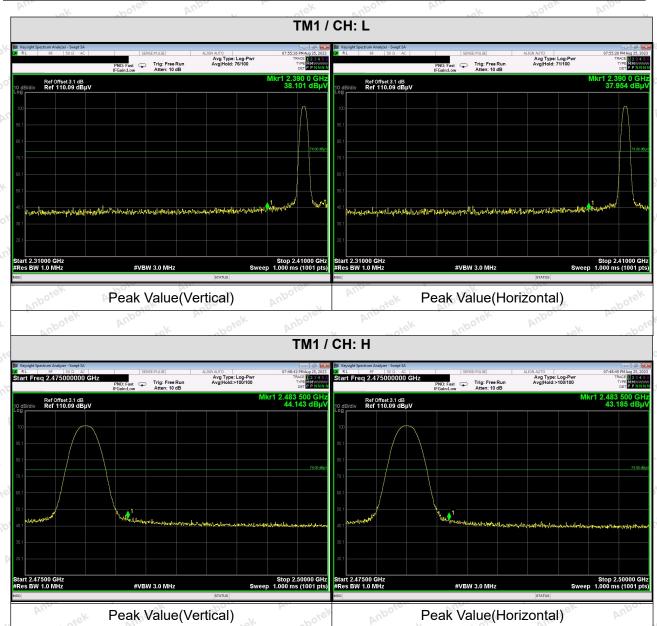




Report No.: 18220WC30181202 FCC ID: 2A8FE-WS1A Page 22 of 32

8.3. Test Data

Temperature: 24.9 °C Humidity: 48 % Atmospheric Pressure: 101 kPa









Report No.: 18220WC30181202 FCC ID: 2A8FE-WS1A Page 23 of 32

Average:

Test Mode	Peak Value (dBuV/m)	Correction factor	Average Value (dBuV/m)	Limit (dBuV/m)	Polarization	Verdict
TMA / CLL. I	38.101	-3.95	34.155	54.00	Vertical	Pass
TM1 / CH: L	37.954	-3.95	34.008	54.00	Horizontal	Pass
TM4 / CUL US	44.143	-3.95	40.197	54.00	Vertical	Pass
TM1 / CH: H	43.185	-3.95	39.239	54.00	Horizontal	Pass

Remark:

- 1. During the test, pre-scan all modes, the report only record the worse case mode.
- 2. Correction factor=20log(Duty Cycle)
- 3. Average Value=Peak Value+Correction factor





Report No.: 18220WC30181202 FCC ID: 2A8FE-WS1A Page 24 of 32

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 § 15.2	oly with the				
k Anbotek Anbotek An	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)				
, wotek	0.009-0.490	2400/F(kHz)	300 00000000000000000000000000000000000				
aborek Ando	0.490-1.705	24000/F(kHz)	30				
riek vupojer	1.705-30.0	130 Mark 1000	30				
Anbo L Ciek	30-88	100 **	3ek Anbore				
- obořek Anbe	88-216	150 **	3				
Test Limit:	216-960	200 **	300te				
Anbo	Above 960	500 Andrew	3 nek pho				
nbotek Anbotek Anbotek Anbotek Anbotek	** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241.						
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 N		Anborek Anbor				
Procedure:	ANSI C63.10-2020 section	6.6.4	Vi.				
	TOY C	- U/A - V/I SV/A					

9.1. EUT Operation

	Operating Envir	ironment:	otek
	Aupotek V.	1: TX mode(BLE 1M): Keep the EUT connect to AC power line and works in continuously transmitting mode (BLE 1M)	nbotek
	Test mode:	2: TX mode(BLE 2M): Keep the EUT connect to AC power line and works in	Aupo.
3		continuously transmitting mode (BLE 2M)	
	h. siek	k Anbore And ak shorek Anbo Anbore	Vu.

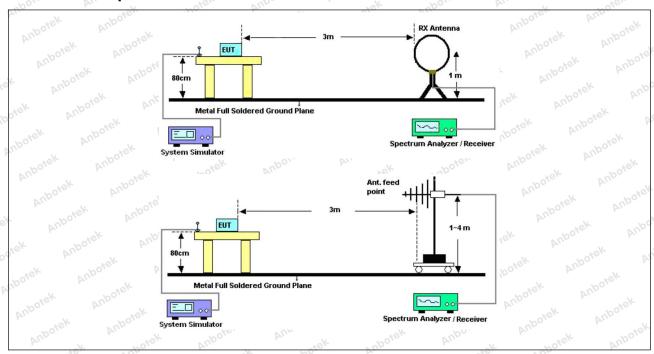


Hotline



Report No.: 18220WC30181202 FCC ID: 2A8FE-WS1A Page 25 of 32

9.2. Test Setup



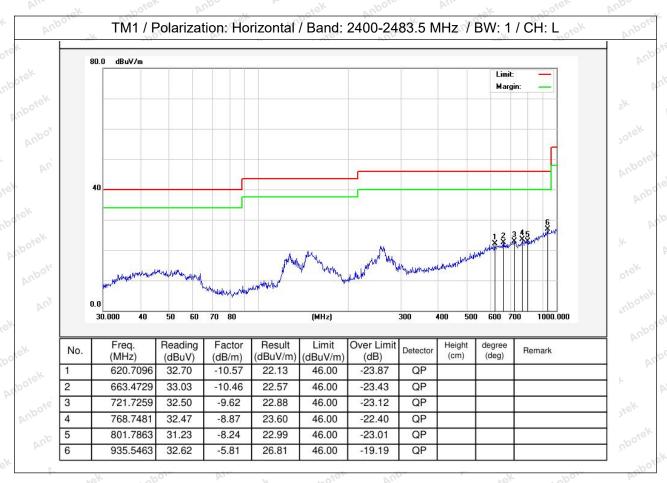




Report No.: 18220WC30181202 FCC ID: 2A8FE-WS1A Page 26 of 32

9.3. Test Data

Temperature: 22.8 °C Humidity: 53.7 % Atmospheric Pressure: 102 kPa

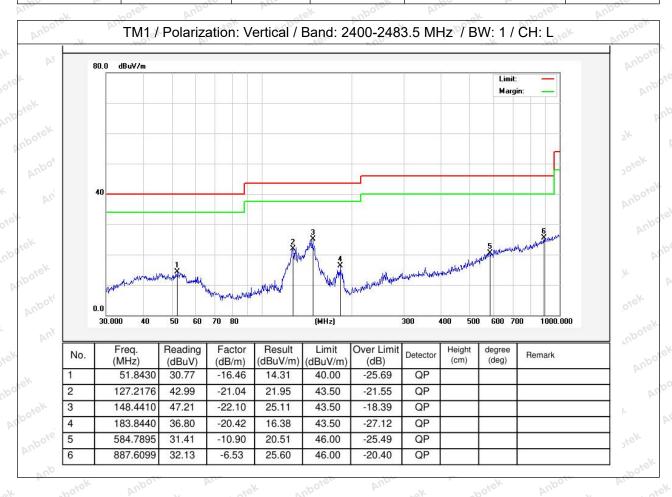






Report No.: 18220WC30181202 FCC ID: 2A8FE-WS1A Page 27 of 32

Temperature: 22.8 °C Humidity: 53.7 % Atmospheric Pressure: 102 kPa







Page 28 of 32 Report No.: 18220WC30181202 FCC ID: 2A8FE-WS1A

10. Emissions in frequency bands (above 1GHz)

Test Requirement:		ons which fall in the restricted back comply with the radiated emission 5(c)).`	
k Anbotek Anbo	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
ok botek	0.009-0.490	2400/F(kHz)	300 Mapor
upote, Aug	0.490-1.705	24000/F(kHz)	30
otek Anbore	1.705-30.0	30 Mek Mood	30
Anbe -k botek	30-88	100 **	3,ek Anbor
Toot Cimit	88-216	150 **	3
Test Limit:	216-960	200 **	3bore Ans
Anb	Above 960	500 And And	3 stek who
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 z, 76-88 MHz, 174-216 MHz or 4 hese frequency bands is permitt	e located in the 470-806 MHz.
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		Anbois Anb
Procedure:	ANSI C63.10-2020 section	6.6.4 Anborek Anborek	Pur Potek b

10.1. EUT Operation

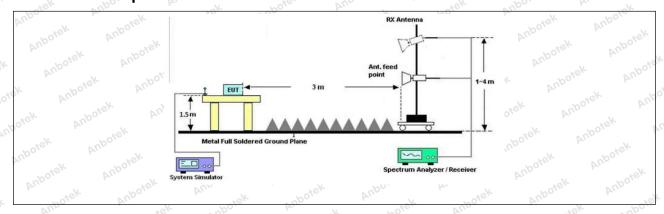
Operating	Environment:
operating.	

1: TX mode(BLE 1M): Keep the EUT connect to AC power line and works in continuously transmitting mode (BLE 1M)

Test mode:

2: TX mode(BLE 2M): Keep the EUT connect to AC power line and works in continuously transmitting mode (BLE 2M)

10.2. Test Setup









Report No.: 18220WC30181202 FCC ID: 2A8FE-WS1A Page 29 of 32

10.3. Test Data

Temperature: 24.8 °C Humidity: 55.8 % Atmospheric Pressure: 102 kPa

TM1 / CH: L						
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4804.00	28.62	15.27	43.89	74.00	-30.11	Vertical
7206.00	28.66	18.09	46.75	74.00	-27.25	Vertical
9608.00	29.57	23.76	53.33	74.00	-20.67	Vertical
12010.00	Aupore * Au	iek	Potek Vup	74.00	otek Anbote	Vertical
14412.00	Vupo, *	Augo ick	abotek A	74.00	otek and	Vertical
4804.00	28.28	15.27	43.55	74.00	-30.45	Horizontal
7206.00	29.25	18.09	47.34	74.00	-26.66	Horizontal
9608.00	28.18	23.76	51.94	74.00	-22.06	Horizontal
12010.00	otek * Aupo	10°	isk Vupoter	74.00	. Anbotek	Horizontal
14412.00	hotek * An	DOLE VIEW	riek anbo	74.00	ok botel	Horizontal
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4804.00	16.89	15.27	32.16	54.00	-21.84	Vertical
7206.00	17.71 17.71	18.09	35.80	54.00	-18.20	Vertical
9608.00	19.04	23.76	42.80	54.00	-11.20	Vertical
12010.00	-01ex-	Aupoten Au	*ek	54.00	P.11	√ Vertical of the last of
14412.00	AUD ** SK	abotek	Yupo, -k	54.00	poier Ann	Vertical
4804.00	16.61	15.27	31.88	54.00	-22.12	Horizontal
7206.00	18.28	18.09	36.37	54.00	-17.63	Horizontal
9608.00	17.69	23.76	41.45	54.00	-12.55	Horizontal
12010.00	tek * nb	otek Anbor	-K 204	54.00	Vuga *6k	Horizontal
14412.00	*	cotek and	Ole, Mupa	54.00	Sk Vupos	Horizontal





Page 30 of 32 Report No.: 18220WC30181202 FCC ID: 2A8FE-WS1A

Sk Vupo.	A. Otek	Anbote.	Ant	spoiek	Vupo.	, otek
			TM1 / CH: M			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4880.00	28.17	15.42	43.59	74.00	-30.41	Vertical
7320.00	28.63	18.02	46.65	74.00	-27.35	Vertical
9760.00	29.07	23.80	52.87	74.00	-21.13	Vertical
12200.00	ek * nbotek	Anbo	, potek	74.00	And	Vertical
14640.00	* * *	ek Anbore	All.	74.00	Aupo,	Vertical
4880.00	28.09	15.42	43.51	74.00	-30.49	Horizontal
7320.00	29.12	18.02	47.14	74.00	-26.86	Horizontal
9760.00	27.90	23.80	51.70	74.00	-22.30	Horizontal
12200.00	*otek	Anboit	Aug	74.00	iupo ek	Horizontal
14640.00	* Ofek	Aupotek	Vupo,	74.00	Aupola	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4880.00	16.98	15.42	32.40	54.00	-21.60	Vertical
7320.00	17.57	18.02	35.59	54.00	-18.41	Vertical
9760.00	18.89	23.80	42.69	54.00	-11.31	Vertical
12200.00	* Yupo,	k bii	Anbote	54.00	abotek	Vertical
14640.00	otek * Anbote	And	ek shotek	54.00	hotek	Vertical
4880.00	16.72	15.42	32.14	54.00	-21.86	Horizontal
7320.00	18.63	18.02	36.65	54.00	-17.35	Horizontal
9760.00	17.99	23.80	41.79	54.00	otel -12.21 M	Horizontal
12200.00	Anbores	Aug. *ek	abotek	54.00	notek a	Horizontal
14640.00	* porch	Vupo,	in Otek	54.00	All S	Horizontal





Report No.: 18220WC30181202 FCC ID: 2A8FE-WS1A Page 31 of 32

Arra	otek	Vupo.	-ok	abore	V.	-otel
			ГМ1 / CH: H			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4960.00	28.30	15.58	43.88	74.00	-30.12	Vertical
7440.00	28.79	17.93	46.72	74.00	-27.28	Vertical
9920.00	29.77	23.83	53.60	74.00	-20.40	Vertical
12400.00	* wotek	Anbore	Aug	74.00	Aupo.	Vertical
14880.00	* And	ek nbotek	Aupo,	74.00	Anbore	Vertical
4960.00	28.23	15.58	43.81	74.00	-30.19	Horizontal
7440.00	29.33	17.93	47.26	74.00	-26.74	Horizontal
9920.00	28.28	23.83	52.11	74.00	-21.89	Horizontal
12400.00	And * iek	abotek	Aupo,	74.00	upole, Au	Horizontal
14880.00	VL*	hotek	Anbotes	74.00	nboick	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4960.00	18.10	15.58	33.68	54.00	-20.32	Vertical
7440.00	18.84	17.93	36.77	54.00		Vertical
9920.00	19.54	23.83	43.37	54.00	-10.63	Vertical
12400.00	k *nbotek	Aupo	Polek	54.00	Aug Gek	Vertical
14880.00	* * *	K Whole	Aug	54.00	Anbound	Vertical
4960.00	17.90	15.58 NOON	33.48	54.00	-20.52	Horizontal
7440.00	19.43	17.93	37.36 And	54.00	-16.64	Horizontal
9920.00	18.14	23.83	41.97	54.00	12.03 NO	Horizontal
12400.00	*tek	Aupole	Yu. Otsk	54.00	loo la	Horizontal
14880.00	* stek	Aupotek	Anbo	54.00	Auport A	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 the worst case is recorded in the report.







Report No.: 18220WC30181202 FCC ID: 2A8FE-WS1A Page 32 of 32

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 -----

