

Report No.: 18220WC30268901 FCC ID: 2A8WK-CLDA02 Page 1 of 30

FCC Test Report

Applicant : Shanghai Catlink Intelligent Technology Co.,Ltd

Address No.800 Naxian road, Pudong new district,

Shanghai, China

Product Name : Catlink smart pet dryer

Report Date : Mar. 05, 2024

Shenzhen Anbotek Con Anbotek



ce Laboratory Limited







Report No.: 18220WC30268901 FCC ID: 2A8WK-CLDA02 Page 2 of 30

Contents

D/1 = = 1.1	ral Information	400				00,	·····	y	
1.1	Client Information	ote ^{jk}	upo _{ter}	Anb. bc	,, _o)	Anborek	Anbor		
1.3	Description of Device (EU Auxiliary Equipment Used	d During Te	est						900
14	Operation channel list								
^o 1.5.	Description of Test Modes	s 🕰 🗀		ze ^K	vopo,	h.,		100go	P
1.7.	Measurement Uncertainty Test Summary	λ ^{b74} 05		botek	Anbor		otek Dr	nbo	8
1.8.	Description of Test Facilit	V				1016.	VU.	<u></u>	
1.9.	Disclaimer	rek ar	pote	224	ek.	nboyek	Nupo,	ok Bi	
2 Anton	D. Test Equipment List na requirement	oiek	anbotek	AUP	-ek	Spotek	Aup		۱۰
Z. AIILEII		*6k	nbote.	b.c	//o/		tek D	"Upoley	
o ^{ter} 2.1.	Conclusion	VUPO,		o ^{tek}	Aupore,		otek	Anborek.	T
3. Cond	ucted Emission at AC pow	er line	V AND	yek	Anbote	k	Pp.	n	13
3.1.	EUT Operation	iodna	Sr.	up.	, do	04e/r	Pupou	VII.	
3.2.	Test Data		00,46,4	VUPO.		~otek	Aupolei	ku	14
4. Occu	Conclusion		obořek	Anbot	· · · · · · · · · · · · · · · · · · ·	'un Hotek	Anbo	te _K	Anbo. 16
4.1.	EUT Operation	ek	h. botel	An	oote	V.	ek o	opotek	16
4.2.	Test Setup	PUPOLO		, ek	Wpoter.	Anbo		Bojek	16
nbote* 4.3.	Test Data	Anboten		otek.	ibotel	P.6,	00,	- Pr.	16
5. Maxir	num Conducted Output Po	ower	b	100 mg/k	~pc	,, _e ,,,,,,,,,	Albore	Arr	17
5.1.	EUT Operation Test Setup	3k	orek	Pupose	K VI	464	Allogies	An	17
5.3.	Test Data		101	·····	······		,		- 200.
6. Powe	11631 Dala		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				odna		17
VE	r Spectral Density	20,0	7.400, 7.400,	V.V.	ořek	Aupote	sk bu _{po}	potek (e.	1 7
61	r Spectral Density	Anborek	Arrootek Arrootek	ek ant	otek nbotek	Anbote: Anbote	sk ko	potek botek	17 18
6.1. 6.2.	r Spectral Density EUT Operation Test Setup	Wipoday 2010	Amporek Amporek	G _K V _U r	otek Inbotek	Anbote Anbot		Mapote _k	17 18 18
.6.3.	Test Datar Spectral Density	k©	°	(O)			Profession of the state of the	Pupote _k	17 18 18 18
.6.3.	r Spectral Density EUT Operation Test Setup Test Data sions in non-restricted freq	k©	°	(O)			Profession of the state of the	Pupote _k	17 18 18 18
6.3. 7. Emiss 7.1.	rest Datasions in non-restricted freq	uency ban	ds	Mapo _{tek} Papo _{tek}	Anbo	Politik			17 18 18 18 18 19
6.3. 7. Emiss 7.1.	rest Datasions in non-restricted freq	uency ban	ds	Mapo _{tek} Papo _{tek}	Anbo	Politik			17 18 18 18 18 19
6.3. 7. Emiss 7.1.	rest Datasions in non-restricted freq	uency ban	ds	Mapo _{tek} Papo _{tek}	Anbo	Politik			17 18 18 18 18 19
6.3. 7. Emiss 7.1.	rest Datasions in non-restricted freq	uency ban	ds	Mapo _{tek} Papo _{tek}	Anbo	Politik			15 18 18 18 18 19
6.3. 7. Emiss 7.1.	rest Datasions in non-restricted freq	uency ban	ds	Mapo _{tek} Papo _{tek}	Anbo	Politik			17 18 18 18 18 19
6.3. 7. Emiss 7.1.	rest Datasions in non-restricted freq	uency ban	ds	Mapo _{tek} Papo _{tek}	Anbo	Politik			15 18 18 18 18 19
6.3. 7. Emiss 7.1.	rest Datasions in non-restricted freq	uency ban	ds	Mapo _{tek} Papo _{tek}	Anbo	Politik			15 18 18 18 18 19
6.3. 7. Emiss 7.1.	rest Datasions in non-restricted freq	uency ban	ds	Mapo _{tek} Papo _{tek}	Anbo	Politik			17 18 18 18 18 19
6.3. 7. Emiss 7.1.	Iest Datasions in non-restricted freq	uency ban	ds	Mapo _{tek} Papo _{tek}	Anbo	Politik			17 18 18 18 18 19







Report No.: 18220WC30268901	FCC II	D: 2A8WI	K-CLDA02	2" hotek	Page	3 of 30
10. Emissions in frequency bands (above 1G	SHz)	otek	Anbore.	Pur Potek	dna	26
10.1. EUT Operation		hotek	Anboro	bir.	ek .	nbotek 26
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Mr. ek	boten	Aupo		26
10.3. Test Data	wotek	Vupo,	b2	, al	poter	
APPENDIX I TEST SETUP PHOTOGRAP	H	enbote.	Pup.	,	botek	
APPENDIX II EXTERNAL PHOTOGRAPH		۳. 	otek or	boro	VII.	30
APPENDIX III INTERNAL PHOTOGRAPH						30





FCC ID: 2A8WK-CLDA02 Report No.: 18220WC30268901 Page 4 of 30

TEST REPORT

Shanghai Catlink Intelligent Technology Co.,Ltd Applicant

Shanghai Catlink Intelligent Technology Co.,Ltd Manufacturer

Catlink smart pet dryer **Product Name**

CL-DA-02 Test Model No.

CL-DA-01, CL-DA-03, CL-DA-04, CL-DA-05, CL-DA-06, CL-DA-07, CL-Reference Model No.

DA-08, CL-DA-09

Trade Mark CATLINK

Rating(s) Input: 120VAC, 6A, 1320W

47 CFR Part 15.247

Test Standard(s) KDB 558074 D01 15.247 Meas Guidance v05r02

ANSI C63.10-2020

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.	Dec. 19, 2023
Date of Test: Dec. 19	, 2023 to Feb. 02, 2024
sk Anbotek Anbotek Anbotek Anbotek Anbotek	ella Zhu
Prepared By:	Anbolit Ans tek abotek
	(Stella Zhu)
Anborek Anborek Anborek Anborek Anborek	ward pan
Approved & Authorized Signer:	Tek nboth Anb
	(Edward Pan)







Report No.: 18220WC30268901 FCC ID: 2A8WK-CLDA02 Page 5 of 30

Revision History

	Report Version	Description	Issued Date
	Anbore R00 potek Ant	Original Issue.	Mar. 05, 2024
¿e	Anbotek Anbotek	Anbotek Anbotek Anbotek	K Anbotek Anbotek Ant
(10	ore Ambotek Anbotek	Anbotek Anbotek Anbot	tek Anbotek Anbotek





Report No.: 18220WC30268901 FCC ID: 2A8WK-CLDA02 Page 6 of 30

1. General Information

1.1. Client Information

Applicant	:	Shanghai Catlink Intelligent Technology Co.,Ltd
Address	:	No.800 Naxian road, Pudong new district, Shanghai, China
Manufacturer	:	Shanghai Catlink Intelligent Technology Co.,Ltd
Address	:	No.800 Naxian road, Pudong new district, Shanghai, China
Factory	:	Shanghai Catlink Intelligent Technology Co.,Ltd
Address	:	No.800 Naxian road, Pudong new district, Shanghai, China

1.2. Description of Device (EUT)

<u>~0</u> *	e, Aug tok Upo, W. A Pole, Aug
:	Catlink smart pet dryer
:	CL-DA-02
	CL-DA-01, CL-DA-03, CL-DA-04, CL-DA-05, CL-DA-06, CL-DA-07, CL-DA-08, CL-DA-09
•	(Note: All samples are the same except the model number, so we prepare "CL-DA-02" for test only.)
:	CATLINK Andorek Andorek Andorek Andorek
:	AC 120V/60Hz
:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
:	N/A ores Anborek Anborek Anborek Anborek Anborek
:	2402MHz to 2480MHz
:	40 And Hotek Anbotek Anbotek Anbotek Anbotek
:	GFSK Anbotek Anbotek Anbotek Anbotek
:	PCB Antenna Anborek Anborek Anborek
:	1.51 dBi

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.





Report No.: 18220WC30268901 FCC ID: 2A8WK-CLDA02 Page 7 of 30

1.3. Auxiliary Equipment Used During Test

Title		Manufacturer	Model No.	Serial No.	
	Anbotek / Anbote	Anbotek Anbotek	Anbor Kek An nbotek	Anbores And Note	

1.4. Operation channel list

Operation Band:

operation 2	7U			100 E	· ·	0/6	100
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Orek	2402	And 10 rek	2422	20	2442	30	2462
1 potek	2404	11	2424	21	2444	31,000 te	2464
2 2 0bc	2406	12	10 2426 AND OF	22 Anbo	2446	rek 32 Anb	2466
3 B	2408 M	13	2428	o ^{tek} 23 A	2448	botel 33 P	2468
4	2410	14	2430	24	2450	34	2470
Anbo 5	2412	Anboat	2432	25	2452	35	2472
And otek	2414	16	2434	26	2454	36 or ex	2474
7"	2416	17. ^{nbox}	2436	27 Anbot	2456	ek 37 _{Anb} o	2476
8 Anb	2418	18 And	2438	otek 28 Ari	2458	01e × 38	2478
9 Ar	2420	19 P	2440	29	2460	39	2480
240			1011		*****		•

1.5. Description of Test Modes

<u>.</u>	Pretest Modes	Descriptions				
0,	ek Arrbote TM1 Arrbote tek	Keep the EUT connect to AC power line and works in continuously transmitting mode (BLE 1M)				
2	ootek AnbitM2 Anbor	Keep the EUT connect to AC power line and works in continuously transmitting mode (BLE 2M)				



Hotline



Report No.: 18220WC30268901 FCC ID: 2A8WK-CLDA02 Page 8 of 30

1.6. Measurement Uncertainty

Parameter	Uncertainty
Conducted emissions (AMN 150kHz~30MHz)	3.4dB Anborek Anborek
Occupied Bandwidth	925Hz
Conducted Output Power	0.76dB
Power Spectral Density	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

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.

1.7. Test Summary

And	- FELK - VIDO.	Pr
Test Items	Test Modes	Status
Antenna requirement	otek Anby Stek	ibosek B Ar
Conducted Emission at AC power line	Mode1,2	Anbot P
Occupied Bandwidth	Mode1,2	An Prek
Maximum Conducted Output Power	Mode1,2	Photek
Power Spectral Density	Mode1,2	ek P Anbot
Emissions in non-restricted frequency bands	Mode1,2	potek P An
Band edge emissions (Radiated)	Mode1,2	anbote P
Emissions in frequency bands (below 1GHz)	Mode1,2	anb Piek
Emissions in frequency bands (above 1GHz)	Mode1,2	Photek
Note: P: Pass N: N/A, not applicable	tek Anbotek Anbote	ekek Vupok

Shenzhen Anbotek Compliance Laboratory Limited







Report No.: 18220WC30268901 FCC ID: 2A8WK-CLDA02 Page 9 of 30

1.8. Description of Test Facility

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

FCC-Registration No.:434132

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration No. 434132.

ISED-Registration No.: 8058A

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (ISED) Innovation, Science and Economic Development Canada. The acceptance letter from the ISED is maintained in our files. Registration 8058A.

Test Location

Shenzhen Anbotek Compliance Laboratory Limited.

1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

1.9. Disclaimer

- 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.
- Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.
- 6. The authenticity of the information provided by the customer is the responsibility of the customer and the laboratory is not responsible for its authenticity.

The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.





Report No.: 18220WC30268901 FCC ID: 2A8WK-CLDA02 Page 10 of 30

1.10. Test Equipment List

Cond	ucted Emission at A	C power line	Aupo	k spotel	Anbore	An
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
. 1	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	2023-10-12	2024-10-11
2 2 50 tek	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	2023-10-12	2024-10-11
4	Software Name EZ-EMC	Farad Technology	ANB-03A	N/A	rek /Anbotek	Anborotek

Occupied Bandwidth

Maximum Conducted Output Power

Power Spectral Density
Emissions in non-restrict

Emissions in non-restricted frequency bands

Emis	sions in non-restricte	a trequency bands	- Yek	700,	- K	-0181-	
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date	
1 _{An} l	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ- KHWS80B	N/A noo	2023-10-16	2024-10-15	
2	DC Power Supply	IVYTECH	IV3605	1804D360 510	2023-10-20	2024-10-19	
3	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	101792	2023-05-26	2024-05-25	
An4ore	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY505318 23	2023-02-23	2024-02-22	
5nb	Oscilloscope	Tektronix	MDO3012	C020298	2023-10-12	2024-10-11	
6	MXG RF Vector Signal Generator	Agilent	N5182A	MY474206 47	2023-02-23	2024-10-22	

Hotline

www.anbotek.com.cn

400-003-0500



Report No.: 18220WC30268901 Page 11 of 30 FCC ID: 2A8WK-CLDA02

ote.	And	otek pupo.	N. ak	-boye.	VU _P	ysio
	edge emissions (Ra sions in frequency ba		Aupo, polek	Anbotek	Aupoter.	Anbotek
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1 00	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2023-10-12	2024-10-11
2	EMI Preamplifier	SKET Electronic	LNPA- 0118G-45	SKET-PA- 002	2023-10-12	2024-10-11
3	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	2022-10-16	2025-10-15
nbole 4	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	Anbotek	Aupolek
5	Horn Antenna	A-INFO	LB-180400- KF	J21106062 8	2023-10-12	2024-10-11
6	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	101792	2023-05-26	2024-05-25
e ^k 7	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2023-05-25	2024-05-24

Emiss	sions in frequency ba	ands (below 1GHz)				
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2023-10-12	2024-10-11
. 2	Pre-amplifier	SONOMA	310N	186860	2023-10-12	2024-10-11
34	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	2022-10-23	2025-10-22
Anistel	Loop Antenna (9K- 30M)	Schwarzbeck	FMZB1519 B	00053	2023-10-12	2024-10-11
5,00	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A No	y Aupo	k Anbotek



Report No.: 18220WC30268901 FCC ID: 2A8WK-CLDA02 Page 12 of 30

2. Antenna requirement

Test Requirement:

Refer to 47 CFR Part 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

2.1. Conclusion

The antenna is a PCB antenna which permanently attached, and the best case gain of the antenna is 1.51 dBi . It complies with the standard requirement.





Report No.: FCC ID: 2A8WK-CLDA02 Page 13 of 30 18220WC30268901

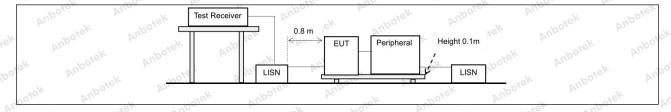
3. Conducted Emission at AC power line

Test Requirement:	Refer to 47 CFR 15.207(a), Except section, for an intentional radiator public utility (AC) power line, the reback onto the AC power line on ar band 150 kHz to 30 MHz, shall no measured using a 50 µH/50 ohms	that is designed to be con adio frequency voltage tha ny frequency or frequencie t exceed the limits in the f	nected to the at is conducted as, within the ollowing table, as
o h spoiek	(LISN).	Can duated limit (dD:\/)	Anbore
Aupore All.	Frequency of emission (MHz)	Conducted limit (dBµV)	Averego
sotek Anbo.	W. The Work William	Quasi-peak	Average
Test Limit:	0.15-0.5	66 to 56*	56 to 46*
rest Littit.	0.5-5 dek nabote Ame	56 hotel An	46
Ans above	5-30 And San	60	50 And
Anbor Air	*Decreases with the logarithm of t	he frequency.	
Test Method:	ANSI C63.10-2020 section 6.2	Anbores.	Aug Otek
Procedure:	Refer to ANSI C63.10-2020 section line conducted emissions from unline conducted emissions from the conducted emission		

3.1. EUT Operation

	Operating Envir	onment:	Aupore	- Wolek	Anbotek	Aupo,	Anborek.	Aupore
>°°	Test mode:	continuousl	ỳ transmittin	ig mode (BLE	1M)	AC power line		'k Vi Vupo
		continuousl	y transmittin	ig mode (BLE	2M)	bojek Anb		otek

3.2. Test Setup





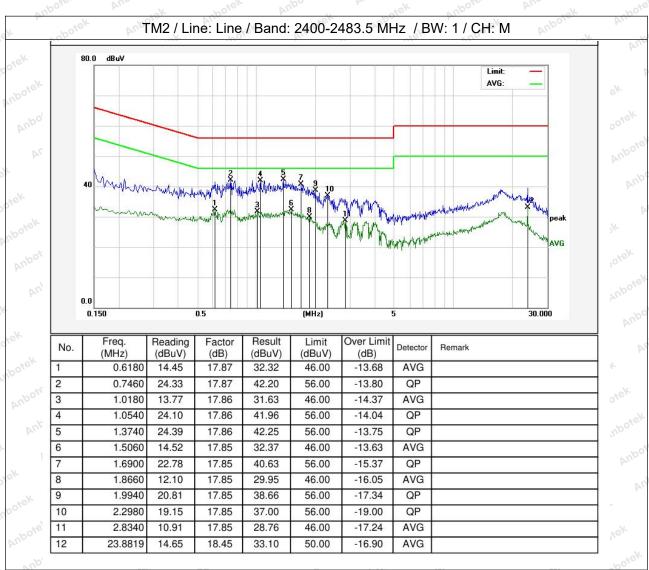
Hotline



Report No.: 18220WC30268901 FCC ID: 2A8WK-CLDA02 Page 14 of 30

3.3. Test Data

Temperature: 24.4 °C	Humidity:	54.1 % Atmospheric Pressure: 101 kPa	
----------------------	-----------	--------------------------------------	--

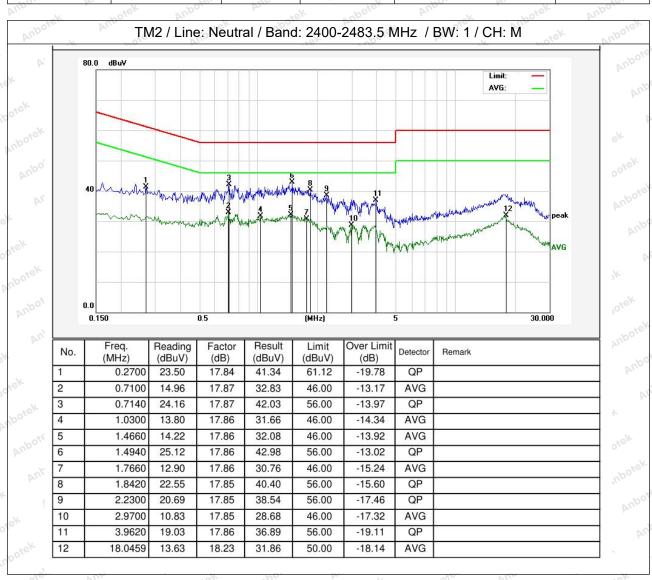






Report No.: 18220WC30268901 FCC ID: 2A8WK-CLDA02 Page 15 of 30

Temperature: 24.4 °C Humidity: 54.1 % Atmospheric Pressure: 101 kPa



Note: Only record the worst data (BLE 2M)) in the report.







Report No.: 18220WC30268901 FCC ID: 2A8WK-CLDA02 Page 16 of 30

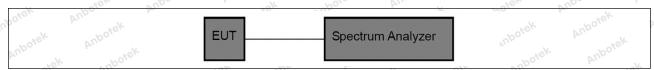
4. Occupied Bandwidth

inpo k	Thore All All And Market And Market Thore
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 Anbotek Anbotek Anbote Anbotek Anbote	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.
Jotek 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 Envi	ronment:	Vun Viek	anbotek	Anbo	rek	sbotek	Anbore
Test mode:	1: TX mode(BL continuously tra 2: TX mode(BL continuously tra	nsmitting mode E 2M): Keep the	(BLE 1M) EUT conne	ek .			w. woick

4.2. Test Setup



4.3. Test Data

0	Temperature:	25.4 °C	Humidity:	43 %	Atmospheric Pressure:	101 kPa









Report No.: 18220WC30268901 FCC ID: 2A8WK-CLDA02 Page 17 of 30

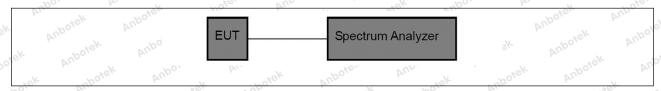
5. Maximum Conducted Output Power

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

5.1. EUT Operation

The second secon							
Operating Envir	onment:	nboiek	Anbore	Vi. Potek	Anboren	Aupo	2000
Test mode:	continuous	e(BLE 1M): Ke	mode (BLE	1M) Moore	P.C.		r bi
Poter Vun		e(BLE 2M): Ke ly transmitting	•		power line	and works in	stek .

5.2. Test Setup



5.3. Test Data

Temperature: 25.4	1 °C Anto	Humidity:	43 %	Atmospheric Pressure:	101 kPa
-------------------	-----------	-----------	------	-----------------------	---------





Page 18 of 30 18220WC30268901 Report No.: FCC ID: 2A8WK-CLDA02

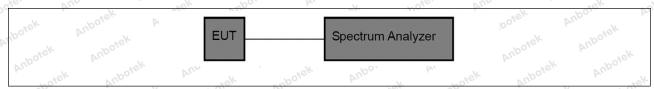
6. Power Spectral Density

Test Requirement:	47 CFR 15.247(e)
Test Limit:	Refer to 47 CFR 15.247(e), For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.
Test Method:	ANSI C63.10-2020, 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 Env	vironment:			anbotek			
Test mode:	1: TX mode(B continuously to 2: TX mode(B continuously to	ransmitting mo LE 2M): Keep	ode (BLE 1M) the EUT conne	Ande	o/c 10/		Anbotek Anbot
6.2 Test Se	continuously to	-40°		above A	nbotek And V	nboten 1	ek

6.2. Test Setup



6.3. Test Data

Temperature:	25.4 °C	Humidity:	43 %	Atmospheric Pressure:	101 kPa
710 VUr	1/2	MO.	No.		- 1





Report No.: 18220WC30268901 FCC ID: 2A8WK-CLDA02 Page 19 of 30

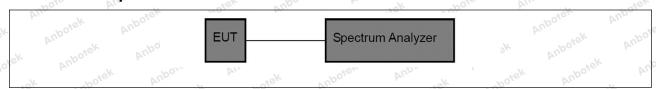
7. Emissions in non-restricted frequency bands

Test Requirement:	47 CFR 15.247(d), 15.209, 15.205
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 Envir	onment:	Ann	Anbotok	Anbo	Anbotek	Auporg	Δ//·
,o,	Test mode:	continuous 2: TX mode	e(BLE 1M): Ke ly transmitting e(BLE 2M): Ke ly transmitting	mode (BLE ep the EUT	1M) connect to A	An		otok Ek

7.2. Test Setup



7.3. Test Data

Temperature:	25.4 °C	Humidity: 43	U/ Atmoonl	neric Pressure: 101 kPa	-







Report No.: 18220WC30268901 FCC ID: 2A8WK-CLDA02 Page 20 of 30

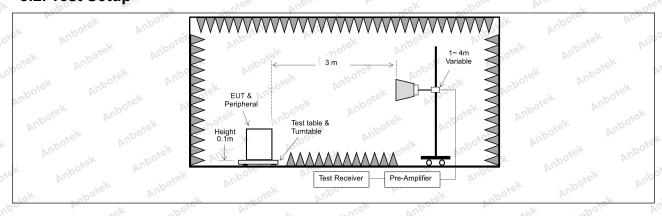
8. Band edge emissions (Radiated)

Pur K Potek	D-f t- 47 OFD 45 047(-1)		
Taboren And		In addition, radiated emissions	
Test Requirement:		d in § 15.205(a), must also comp	
Vupo, V.	radiated emission limits spe	ecified in § 15.209(a)(see § 15.2	05(c)).
k bojek Anbo.	Frequency (MHz)	Field strength	Measurement
Ans of	otek Aupo, W.	(microvolts/meter)	distance
stek upote An	ok botek Anbi	otek anbore	(meters)
o siek	0.009-0.490	2400/F(kHz)	300 Moore
aborek Anbo	0.490-1.705	24000/F(kHz)	30 50 tek
atek apoten	1.705-30.0	30° , , , , , , , , , , , , , , , , , , ,	30 And
Anbo. A. Stek	30-88	100 **	3 ek
aborek Anbe	88-216	150 **	3
All tek	216-960	200 **	3boten And
Anbo, A.	Above 960	500	3 rek no
Test Limit:	** Except as provided in pa	ragraph (g), fundamental emissi	ons from
Due VIII.		ng under this section shall not b	
hotek Anbo.	frequency bands 54-72 MH	z, 76-88 MHz, 174-216 MHz or	470-806 MHz.
ur spotek		hese frequency bands is permitt	ed under other
Auport All	sections of this part, e.g., §		tek aboten
		e, the tighter limit applies at the b	
		in the above table are based on	
Anbore And		peak detector except for the freq	
k sotek anb		above 1000 MHz. Radiated emis	
Ver Aug.	CAU.	ed on measurements employing	an average
dek appore. A	detector.	oo, k. stek supote.	Vur.
Test Method:	ANSI C63.10-2020 section	6.10° knb	
resulvieurou.	KDB 558074 D01 15.247 N	leas Guidance v05r02	ok hotek
Procedure:	ANSI C63.10-2020 section	6.10.5.2	Pote, Yun

8.1. EUT Operation

o ³	Operating Envir	conment: Anbotek Anbot Anbotek Anbotek Anbotek
2	Test mode:	1: TX mode(BLE 1M): Keep the EUT connect to AC power line and works in continuously transmitting mode (BLE 1M) 2: TX mode(BLE 2M): Keep the EUT connect to AC power line and works in continuously transmitting mode (BLE 2M)

8.2. Test Setup





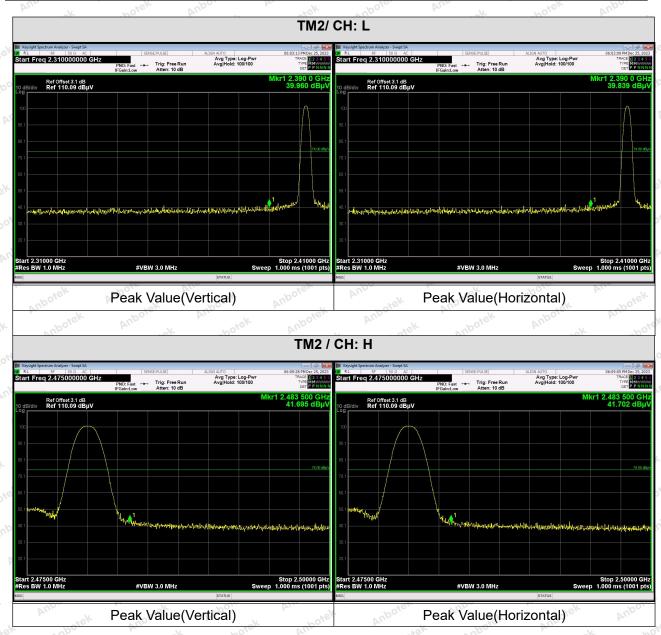




Report No.: 18220WC30268901 FCC ID: 2A8WK-CLDA02 Page 21 of 30

8.3. Test Data

Temperature: 25.4 °C Humidity: 43 % Atmospheric Pressure: 101 kPa



Note: When the PK measure result value is less than the AVG limit value, the AV measure result values test not applicable.







Report No.: 18220WC30268901 FCC ID: 2A8WK-CLDA02 Page 22 of 30

9. Emissions in frequency bands (below 1GHz)

Test Requirement:	restricted bands, as defin radiated emission limits s	pecified in § 15.209(a)(see § 15	
ek Anbotek Anbo	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
	0.009-0.490	2400/F(kHz)	300 Mport
ofer Ande	0.490-1.705	24000/F(kHz)	30
	1.705-30.0	30° Ack	30
	30-88	100 **	3rek noon
anboren Anbe	88-216	150 **	AT 3
	216-960	200 **	3 pore An
	Above 960	500 Solek Andrew	3
Test Limit: Arbotek Ar	intentional radiators opera frequency bands 54-72 M	paragraph (g), fundamental emis ating under this section shall not IHz, 76-88 MHz, 174-216 MHz o	be located in the or 470-806 MHz.
Test Limit; otek Anbotek	intentional radiators operafrequency bands 54-72 M However, operation within sections of this part, e.g., In the emission table abo The emission limits show employing a CISPR quas 90 kHz, 110–490 kHz and	ating under this section shall not IHz, 76-88 MHz, 174-216 MHz on these frequency bands is perm	t be located in the or 470-806 MHz. nitted under other band edges. on measurements equency bands 9-nission limits in
Test Limit: Anborek Anborek Anborek Anborek Anborek Anborek Anborek	intentional radiators operafrequency bands 54-72 M However, operation within sections of this part, e.g., In the emission table about the emission limits show employing a CISPR quas 90 kHz, 110–490 kHz and these three bands are bar	ating under this section shall not IHz, 76-88 MHz, 174-216 MHz on these frequency bands is perm §§ 15.231 and 15.241. IVE, the tighter limit applies at the in the above table are based of i-peak detector except for the fred above 1000 MHz. Radiated emsed on measurements employing in 6.6.4	t be located in the or 470-806 MHz. nitted under other band edges. on measurements equency bands 9-nission limits in

9.1. EUT Operation

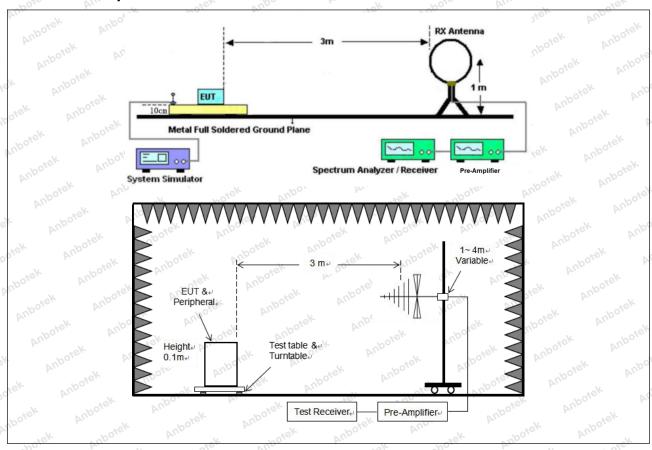
o ³	Operating Envir	conment: Anbotek Anbot Anbotek Anbotek Anbotek
2	Test mode:	1: TX mode(BLE 1M): Keep the EUT connect to AC power line and works in continuously transmitting mode (BLE 1M) 2: TX mode(BLE 2M): Keep the EUT connect to AC power line and works in continuously transmitting mode (BLE 2M)





Report No.: 18220WC30268901 FCC ID: 2A8WK-CLDA02 Page 23 of 30

9.2. Test Setup





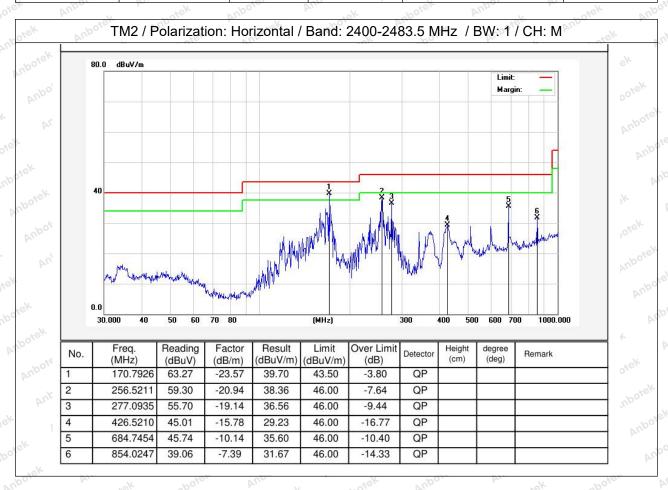


Report No.: 18220WC30268901 FCC ID: 2A8WK-CLDA02 Page 24 of 30

9.3. Test Data

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

Temperature:	25.4 °C	Humidity:	43 %	Atmospheric Pressure:	101 kPa

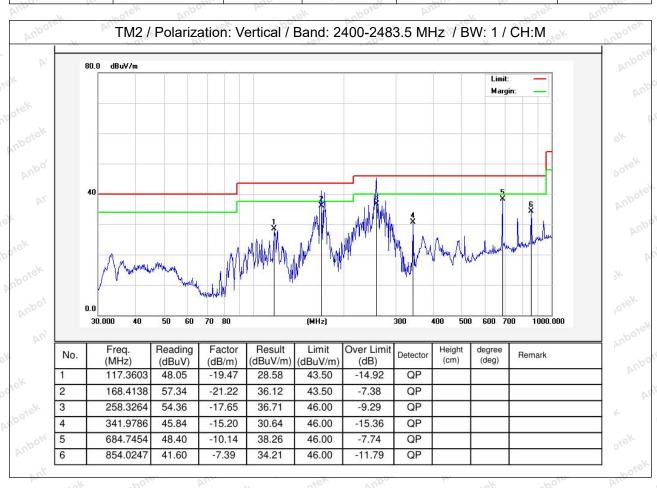






Report No.: 18220WC30268901 FCC ID: 2A8WK-CLDA02 Page 25 of 30

Temperature: 25.4 °C Humidity: 43 % Atmospheric Pressure: 101 kPa



Note: Only record the worst data (BLE 2M)) in the report.







Report No.: 18220WC30268901 FCC ID: 2A8WK-CLDA02 Page 26 of 30

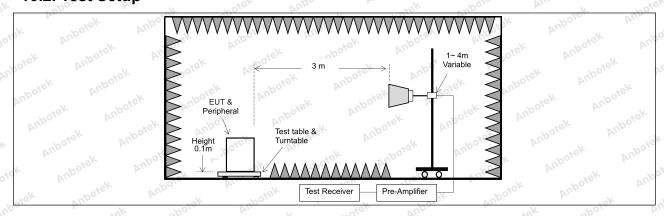
10. Emissions in frequency bands (above 1GHz)

PUD. FSK	Pole VIII	- Super Full	isk jeon
Test Requirement:		ons which fall in the restricted back comply with the radiated emission 5(c)) `	
k Aupotek Aupot	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
	0.009-0.490	2400/F(kHz)	300
'upote, Yur Potek	0.490-1.705 1.705-30.0	24000/F(kHz) 30	30
	30-88	100 **	3.ek anborek
Spotek Anbo	88-216	150 **	3
	216-960	200 **	3 bores And
Test Limit;	Above 960	500	3 rek on
	intentional radiators operatifrequency bands 54-72 MH However, operation within the sections of this part, e.g., § In the emission table above The emission limits shown employing a CISPR quasi-part of the emission table above 100 miles and	ragraph (g), fundamental emissing under this section shall not be z, 76-88 MHz, 174-216 MHz or hese frequency bands is permitt § 15.231 and 15.241. The tighter limit applies at the bein the above table are based on beak detector except for the frequency above 1000 MHz. Radiated emisted on measurements employing	e located in the 470-806 MHz. ed under other and edges. measurements uency bands 9— ssion limits in
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		ak Anbotek
Procedure:	ANSI C63.10-2020 section	6.6.4 Ant	ote. Aug

10.1. EUT Operation

o'l	Operating Envir	onment: dek hootek Anborek Anborek Anborek
0.0	Test mode:	1: TX mode(BLE 1M): Keep the EUT connect to AC power line and works in continuously transmitting mode (BLE 1M) 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



Shenzhen Anbotek Compliance Laboratory Limited







Report No.: 18220WC30268901 FCC ID: 2A8WK-CLDA02 Page 27 of 30

10.3. Test Data

Temperature:	25.4 °C	Humidity:	43 %	Atmospheric Pressure:	101 kPa	
		700				

	n-		TM2/ CH: L		ar -Mv	**
Peak value:			TWIE/ OTT. L			
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4804.00	27.61	15.27	42.88	74.00	-31.12	Vertical
7206.00	27.82	18.09	45.91	74.00	-28.09	Vertical
9608.00	28.38	23.76	52.14	74.00	-21.86	Vertical
12010.00	Anboret* Ar	is el	abotek Anb	74.00	otek Anbote	Vertical
14412.00	"Upo*sk	Aupor	hotek p	74.00	iek on	Vertical
4804.00	27.35	15.27	42.62	74.00	-31.38	Horizontal
7206.00	28.03	18.09	46.12	74.00	-27.88	Horizontal
9608.00	27.75	23.76	51.51	74.00	-22.49	Horizontal
12010.00	otek * Vupo	-V	ick Vupote,	74.00	, nbotek	Horizontal
14412.00	woick* An	boye Vun	sek spo	74.00	K hore	Horizontal
Average value: Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4804.00	15.88	15.27	31.15	54.00	-22.85	Vertical
7206.00	16.87	18.09	34.96	54.00	-19.04	Vertical
9608.00	77.85 pm	23.76	41.61	54.00	-12.39	Vertical
12010.00	KIN O'LEK	Anborek An	i ek	54.00	N Pres	Vertical
14412.00	Anb * * ek	Spotek	Aupore A	54.00	Ipoles Augs	Vertical
4804.00	15.68	15.27	30.95	54.00	-23.05	Horizontal
7206.00	17.06	18.09	35.15	54.00	-18.85	Horizontal
9608.00	17.26	23.76	41.02	54.00	-12.98	Horizontal
12010.00	rek *	otek Aupor	-k rot	54.00	And	Horizontal
14412.00	4 ×	ingtek ant	ofer And	54.00	ek Aupor	Horizontal



Report No.: 18220WC30268901 FCC ID: 2A8WK-CLDA02 Page 28 of 30

ek Anbo.	A. Siek	anbore.	And	hotek	Aupo. W.	rek
		,	TM2/ CH: M			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4880.00	27.16	15.42	42.58	74.00	-31.42	Vertical
7320.00	27.79	18.02	45.81	74.00	-28.19	Vertical
9760.00	27.88	23.80	51.68	74.00	-22.32	Vertical
12200.00	ek * spojek	Anborr	h worek	74.00	And	Vertical
14640.00	* * *	tek Wipose	Pun de	74.00	Aupo	Vertical
4880.00	27.16	15.42	42.58	74.00	-31.42	Horizontal
7320.00	27.90	18.02	45.92	74.00	-28.08	Horizontal
9760.00	27.47	23.80	51.27	74.00	-22.73	Horizontal
12200.00	* otek	Aupole.	Aug	74.00	YUpor bu	Horizontal
14640.00	Art rek	nbotek	Aupo	74.00	Anbore	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4880.00	15.97	15.42	31.39	54.00	-22.61	Vertical
7320.00	16.73	18.02	34.75	54.00	-19.25	Vertical
9760.00	17.70	23.80	41.50	54.00	-12.50	Vertical
12200.00	k *upor	N. Siek	anbotek	54.00	boiek	Vertical
14640.00	otek * Anboti	Anb	sk spojek	54.00	pi, potek	Vertical
4880.00	15.79	15.42	31.21	54.00	-22.79	Horizontal
7320.00	17.41	18.02	35.43	54.00	-18.57	Horizontal
9760.00	17.56	23.80	41.36	54.00	-12.64 M	Horizontal
12200.00	Anb tok	Aupo	abotek	54.00	otek v	Horizontal
14640.00	* wick	Anbor	K. K.	54.00	VUD.	Horizontal



Report No.: 18220WC30268901 FCC ID: 2A8WK-CLDA02 Page 29 of 30

					VUD.	
		•	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	27.29	15.58	42.87	74.00	-31.13 nbo	Vertical
7440.00	27.95	17.93	45.88	74.00	-28.12	Vertical
9920.00	28.58	23.83	52.41	74.00	-21.59	Vertical
12400.00	* Stell	anbotes	Anb	74.00	Anbor	Vertical
14880.00	* And	rek Spotel	Aupo.	74.00	Aupore.	Vertical
4960.00	27.30	15.58	42.88	74.00	-31.12	Horizontal
7440.00	28.11	17.93	46.04	74.00	-27.96	Horizontal
9920.00	27.85	23.83	51.68	74.00	-22.32	Horizontal
12400.00	And *	abotek	Aupore	74.00	Aupote, Au	Horizontal
14880.00	W.*po	hotek hotek	Anborek	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	17.09	15.58	32.67	54.00	-21.33	Vertical
7440.00	18.00	17.93	35.93	54.00	18.07 M	Vertical
9920.00	18.35	23.83	42.18	54.00	-11.82	Vertical N
12400.00	k * hotek	Anbo	hotek	54.00	Pur	Vertical
14880.00	* * *	sk Aupote	Ans	54.00	Aupo	Vertical
4960.00	16.97	15.58	32.55	54.00	-21.45	Horizontal
7440.00	18.21	17.93	36.14 M	54.00	-17.86°	Horizontal
9920.00	17.71	23.83	41.54	54.00	-12.46	Horizontal
12400.00	* tek	Aupole	Ann	54.00	100 PK	Horizontal
14880.00	All *	Spoter	Aupo	54.00	Anboro 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.: 18220WC30268901 FCC ID: 2A8WK-CLDA02 Page 30 of 30

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 -----

