

Report No.:1811C40005312501 FCC ID:2AOKB-1727

FCC Test Report

Applicant : Anker Innovations Limited

Address Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18

Harcourt Road, Hong Kong

Product Name : Anker SOLIX C200 DC Portable Power Station

Report Date : Oct. 22, 2024

Shenzhen Anbotek

Anbotek Product Safety Laboratory Limited







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TEST REPORT

Applicant Anker Innovations Limited

Manufacturer : Anker Innovations Limited

Product Name : Anker SOLIX C200 DC Portable Power Station

Model No. : A1727

ANKER SOLIX

Trade Mark

SOLIX

Rating(s) : Please see page 7.

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:	70 Jul. 31, 2024
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Date of Test:	Jul. 31, 2024 to Sept. 25, 2024
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Report No.:1811C40005312501 Aupolek FCC ID:2AOKB-1727

Anbolek Revision History

'polek	Anbotek Anbotek	Revision History	Tek Aupotek Aupotek
Aupore	Report Version	Description	Issued Date
Anb	nbotek AnROO Anoo	Original Issue.	Oct. 22, 2024
tek	Aupotek Aupoter Aup	otek Vupotek Vupo	Aupotek Aupote V
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1. General Information

1.1. Client Information

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Applicant	:	Anker Innovations Limited
Address	:	Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong
Manufacturer	:	Anker Innovations Limited
Address	:	Unit 56, 8th Floor, Tower 2, Admiralty Centre, 18 Harcourt Road, Hong Kong
Factory	:	Huizhou Ten Pao Chuangneng Technology Co.,Ltd.
Address	:	No.8, Qingli 3rd Road, Shuikou Street, Huicheng District, Huizhou City, Guangdong Province, 516005, P.R.China

1.2. Description of Device (EUT)

* U.S.	- 1/4	70 10 10 10 10 10 10 10 10 10 10 10 10 10
Product Name	:	Anker SOLIX C200 DC Portable Power Station
Model No.	:	A1727 And Andolek Andolek Andolek Andole
Trade Mark	:	ANKER SCLIX ANKER ANKER ANKER ANKER ANKER ANKER ANKER ANDOTEK ANKER ANDOTEK ANKER
Test Power Supply	:	DC 28V from adapter input AC 120V/60Hz; DC 12.8V battery inside
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/Ax Andotek Ando stek Andotek Andote Andote
RF Specification		
Operation Frequency	:	2402MHz to 2480MHz
Number of Channel	:	40 Anbotek Anbote Anbotek Anbotek Anbotek
Modulation Type	:	GFSK Anbotek Anbotek Anbotek Anbotek Anbotek
Antenna Type	:	FPC Antenna potek Antonia Anto
Antenna Gain(Peak)	:	2.54dBi Anbotek Anbotek Anbotek Anbotek

Remark:

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









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1.3. Auxiliary Equipment Used During Test

Title	Manufacturer	Model No.	Serial No.
Adapter	Lenovo Beijing Co.,Ltd.	LA140 Moore	K Pupok

1.4. Operation channel list

Operation Band:

Operation b	anu.	VUD.		do Ys	D. N.	-\/-	Pole.
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0 400	010 2402 Ant	o ^{tek} 10 A	2422	nb 20	2442	30 rek	2462
1	2404	Anborgh	2424	21 ick	2444	31	2464,000
inpole 2	2406	A.12.0k	2426	22 nbote	2446	32	ote* 2466 An
Aup 3 tek	2408	13,botek	2428	23	ovek 2448 knb	33	2468
4,00104	2410	× 14 Anb	2430 Maria	24	2450	nbor 34	2470
5 Anbol	2412	15 1s	2432	25	2452	M 35	2472
otek 6 M	10012 2414 An	16	2434	A ^{nb} 26	2454	36°°''	2474
Vo!0	2416	Anbour 17 tek	2436	27	2456	37 Anbo	2476
8 tek	2418	18	2438	28 Anbot	2458	otek 38 V	2478
And 9 botek	2420	19.00	2440	tek 29 An	2460	39	2480
1.5. Desci	ription of Te	st Modes	o vek	'upotek	Aupole, ek	Amotek	Aupolek

1.5. Description of Test Modes

0	Pre	test Modes		Descriptions
0	ip, siek	TM1	Aupo	Keep the EUT works in continuously transmitting mode (BLE 1M)
	Vupo Fek	TM2 nbotek	b	Keep the EUT works in continuously transmitting mode (BLE 2M)









1.6. Measurement Uncertainty

Parameter	Uncertainty
Conducted emissions (AMN 150kHz~30MHz)	3.4dBek Anbotek Anbotek
Occupied Bandwidth	925Hz Anbore Anbore
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

Test Items	Test Modes	Status
Antenna requirement	Oce Yun Viek	nbolek P
Conducted Emission at AC power line	Mode1,2	Anb Pok
Occupied Bandwidth	Mode1,2	Photek
Maximum Conducted Output Power	Mode1,2	P Anbo'
Power Spectral Density	Mode1,2	otek P
Emissions in non-restricted frequency bands	Mode1,2	~ote\P
Band edge emissions (Radiated)	Mode1,2	Pur
Emissions in frequency bands (below 1GHz)	Mode1,2	Anb P Notek
Emissions in frequency bands (above 1GHz)	Mode1,2	P
Note: Notek Anbour	A Short	VUP

Note: P: Pass

N: N/A, not applicable







1.8. Description of Test Facility

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

FCC-Registration No.:434132

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

ISED-Registration No.: 8058A

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

Test Location

Shenzhen Anbotek Compliance Laboratory Limited.

Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.

1.9. Disclaimer

- 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.
- 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.
- The authenticity of the information provided by the customer is the responsibility of the customer and the laboratory is not responsible for its authenticity.

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



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Report No.:1811C40005312501 FCC ID:2AOKB-1727

1.10. Test Equipment List

Aupolek	Cond	ucted Emission at A	C power line	Wholek	Auporen	k Vun	Anborek
Anbo	Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
P	upolek	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	2024-01-18	2025-01-17
ipolek ek	Anbo	Three Phase V- type Artificial Power Network	CYBERTEK	EM5040DT	E215040D T001	2024-01-17	2025-01-16
Anbotek	3	Software Name EZ-EMC	Farad Technology	ANB-03A	N/Aotek	Papolo	Aupotek
Anb	o ^{tek} 4	EMI Test Receiver	Rohde & Schwarz	ESPI3	100926	2023-10-12	2024-10-11

Emissions in non-restricted frequency bands

Occupied Bandwidth

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Maximum Conducted Output Power

Power Spectral Density

	r opedital Belletty	S. VUb				
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
ootek Yev	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ- KHWS80B	N/A Anboo	2023-10-16	2024-10-15
Anbox	DC Power Supply	IVYTECH	1006VI	1804D360 510	2023-10-20	2024-10-19
3	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102150	2024-05-06	2025-05-05
4	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY505318 23	2024-02-22	2025-02-21
5	Oscilloscope	Tektronix	MDO3012	C020298	2023-10-12	2024-10-11
6 oto	MXG RF Vector Signal Generator	Agilent	N5182A	MY474206 47	2024-02-04	2025-02-03



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Ann	otek Aupotek	Vupo,	upotek A	nbote	V. Potek	Anborer A
	edge emissions (Ra sions in frequency ba		Aupolek	Aupole	Vupofek	Aupolek
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22
2	EMI Preamplifier	SKET Electronic	LNPA- 0118G-45	SKET-PA- 002	2024-01-17	2025-01-16
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	Alpotek	Vupor Votek
₀ /e/5	Horn Antenna	A-INFO	LB-180400- KF	J21106062 8	2023-10-12	2024-10-11
Anb6rek	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102150	2024-05-06	2025-05-05
Kupa	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2024-05-07	2025-05-06

otek	Emio	niono is fraguanali be	anda (halaw 1CHz)	Vup.	Aupolek	Aupo.	Vuporek.
Anbore	Item	sions in frequency ba Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
An	1,	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22
	Anber	Pre-amplifier	SONOMA	310N N	186860	2024-01-17	2025-01-16
9K	3 ^{A,nb}	Bilog Broadband Antenna	Schwarzbeck	VULB9163	10 345 K	2022-10-23	2025-10-22
bole	4	Loop Antenna (9K- 30M)	Schwarzbeck	FMZB1519 B	00053	2023-10-12	2024-10-11
Vupo,	5	EMI Test Software EZ-EMC	SHURPLE	N/A ^{bootes}	N/A	otek / Anbote	k / Anbo
V,	Anbore	k Auporen	And Anborek Anbo	ick Vupo	polek	Anbotek An	oole Am



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Report No.:1811C40005312501 FCC ID:2AOKB-1727

2. Antenna requirement

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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 FPC Antenna which permanently attached, and the best case gain of the antenna is 2.54dBi. It complies with the standard requirement.

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3. Conducted Emission at AC power line

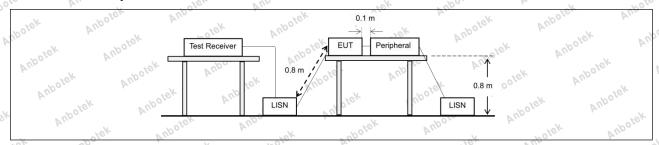
Otek Vupotek	Refer to 47 CFR 15.207(a), Except section, for an intentional radiator to public utility (AC) power line, the radiator to public utility (AC) power line, the radiator to the	that is designed to be con adio frequency voltage tha	nected to the
Test Requirement:	back onto the AC power line on an band 150 kHz to 30 MHz, shall not measured using a 50 µH/50 ohms (LISN).	exceed the limits in the fo	ollowing table, as
Vupo	Frequency of emission (MHz)	Conducted limit (dBµV)	ek abolek
k Aupole, Aug	The spoker Ande	Quasi-peak	Average
- dek	0.15-0.5	66 to 56*	56 to 46*
Test Limit:	0.5-5 K	.56 h	46
ick spoker	5-30 hotek And	60	50
Anbout K hotek	*Decreases with the logarithm of the	ne frequency.	botek
Test Method:	ANSI C63.10-2020 section 6.2	polek Aupore	V. Olek
Procedure:	Refer to ANSI C63.10-2020 section line conducted emissions from unli		od for ac power-

3.1. EUT Operation

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Operating Envir	onment:	Aupolei	VUBE	rek	upotek	Anbore	OF SI	ootek	Ank
Test mode:	1M)	. VIII.	10K	he EUT wor he EUT wor	AUD		hotek	Aupor	
anbotek	2M)	· · · · ·	abotek	Anboro	V.	Folek	Aupoier	VUD.	401
3.2. Test Set	up Anbo	"ek	Spolek	Anbotek	P	hotek	Anbolek	VUL	, ve

3.2. Test Setup



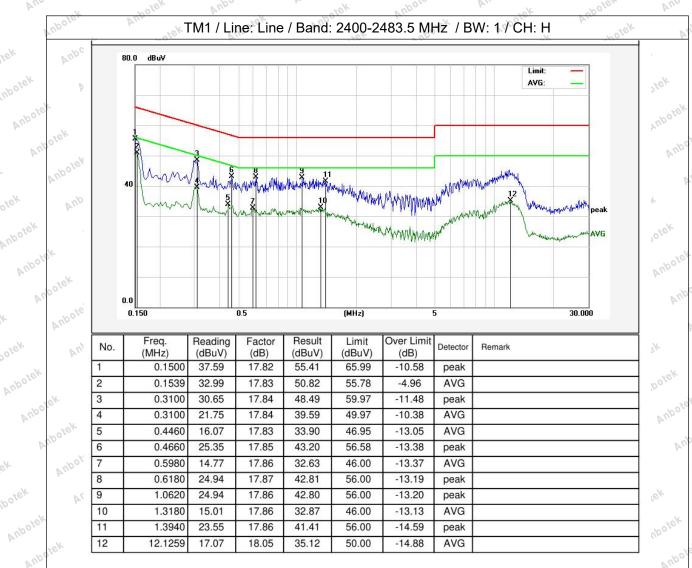






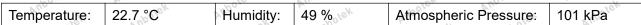
3.3. Test Data

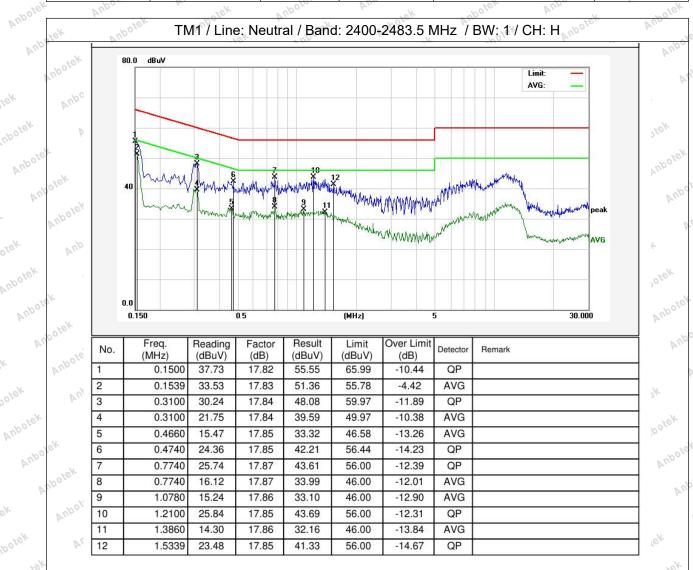
Temperature: 22.7 °C Humidity: 49 % Atmospheric Pressure: 101 kPa











Note:Only record the worst data in the report.





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Report No.:1811C40005312501 FCC ID:2AOKB-1727

4. Occupied Bandwidth

Por Bri	View Will Will Will Will Will Will Will Wil
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
K Aupotek Au	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
Vipotek Vipotek	than 100 kHz. b) Set the VBW ≥ [3 × RBW]. c) Detector = peak.
Aupolek Aupor	d) Trace mode = max-hold. e) Sweep = No faster than coupled (auto) time. f) Allow the trace to stabilize. g) Measure the maximum width of the emission by placing two markers, one
Procedure:	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
Aupotek Aupotek	amplitude" value, then it shall be as close as possible to this value. 11.8.2 Option 2
Aupotek Aupo	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
sek Vupotek V	peak detector with maximum hold) is implemented by the instrumentation function. When using this capability, care shall be taken so that the bandwidth
upotek Aupotek	measurement is not influenced by any intermediate power nulls in the fundamental emission that might be ≥ 6 dB.

4.1. EUT Operation

Oper	ating Envir	onment:	anbolek.	Aup	hotek	Anbor	V. Viek
Test	mode:	1: TX mode(BLE 1M)	Anbo	"Olek	Anboro	<i>V</i> 0	rek nbok
Vupotek 1621	Anbo	2: TX mode(BLE 2M)	2M): Keep the	EUT works i	n continuously	transmitting	mode (BLE



Tel:(86)0755-26066440



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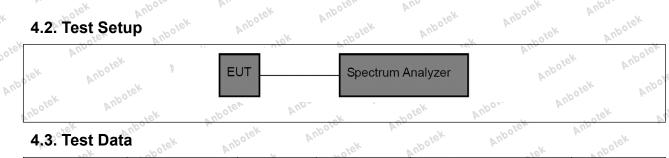
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4.2. Test Setup



4.3. Test Data

4.3. Test Dat	g 7upo,	Anbotek A	'upote	Vupolek	Aupoler	Anotok
Temperature:	23.3 °C	Humidity:	52 %	Atmosph	eric Pressure:	101 kPa

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Please Refer to Appendix for Details.

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Report No.:1811C40005312501 FCC ID:2AOKB-1727

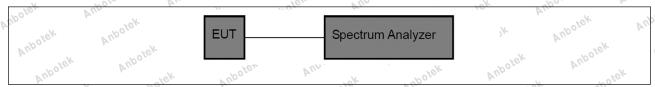
5. Maximum Conducted Output Power

Test Requirement:	47 CFR 15.247(b)(3)
Vuporek Vuporek	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.
Test Limit:	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
Votek Vupotek	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

1: TX mode(BLE 1M): Keep the EUT works in continuously transmitting mode (BLE 1M) 2: TX mode(BLE 2M): Keep the EUT works in continuously transmitting mode (BLE	, ,	Operating Envir	onment:	tek	Anboiek	Vup	in , 49.	ootek V	upor A.
And (2M) stek knoos ki sok spotes And sotes		Test mode:	1M) 2: TX mode(" upole"	And		hotek	Anbo	rek

5.2. Test Setup



5.3. Test Data

Temperature: 23.3 °C	Humidity:	52 %	Atmospheric Pressure:	101 kPa
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Please Refer to Appendix for Details.





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Report No.:1811C40005312501 FCC ID:2AOKB-1727

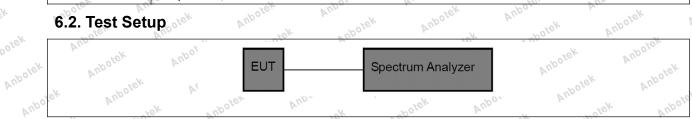
6. Power Spectral Density

Test Requirement:	47 CFR 15.247(e)
Test Limit: 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

6.1. EUT Ope	ration	Anbotek	Aupor	w. wholek	Aupole.	Augotek
Operating Envir	onment:	Aupolek	Vupo.	boiek	Aupore	k Posek
Test mode:	√1M) ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	And		otek Aupo	ously transmittion	stek Aupore
Joseph Vul	2M) 📶	16k	a nbotek	Aupoter A	"un -	Aupolek Aup
6.2. Test Setu	1600 lek	Anbo	Polek.	Aupore.	Vu _n	Vupolek

6.2. Test Setup



6.3. Test Data

Temperature:	23.3 °C	Humidity:	52 %	Atmospheric Pressure:	101 kPa
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Please Refer to Appendix for Details.





7. Emissions in non-restricted frequency bands

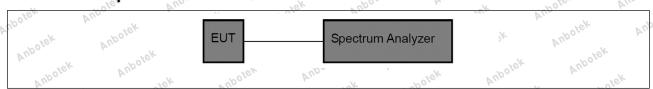
Test Requirement:	47 CFR 15.247(d), 15.209, 15.205
Test Limit: Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	Refer to 47 CFR 15.247(d), In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio 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	Anbore Amborek Anborek Anborek Anborek Anborek

7.1. EUT Operation

	Operating Envir	onment:	Anbotek	Vupor.	y, sporek	Aupote.	Vice
-1.	Test mode:	1; TX mode(BLE 1M) 1M) 2: TX mode(BLE 2M) 2M)	And	, ho!	ek Aupo,	, , , , , , , , , , , , , , , , , , ,	ek.

7.2. Test Setup

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7.3. Test Data

09	Temperature:	23.3 °C	~otek	Humidity:	52 % N	Atmospheric Pressure	101 kPa	Yoda

Please Refer to Appendix for Details.







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8. Band edge emissions (Radiated)

-\/-	Po,	Vie. Vu	10° - 10°	,
upole.	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
F	Aupotek Aupotek	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
otek	Anborek Anbo	0.009-0.490	2400/F(kHz)	300
re	k Aupotek Vug	0.490-1.705 1.705-30.0	24000/F(kHz) 30	30
Aupo	tek nbotek	30-88	100 **	3 tek Ande
VUL	or W. Spotek	88-216 216-960	150 ** 200 **	3 abotek
	Vupore V. Votek	Above 960	500 potek And	3
3/4	Test Limit:	intentional radiators operati	ragraph (g), fundamental emissi ng under this section shall not b	e located in the
potek	Aupo, Volek Vu	However, operation within t	z, 76-88 MHz, 174-216 MHz or hese frequency bands is permitt	
Anbok	k Aug	sections of this part, e.g., § In the emission table above	§ 15.231 and 15.241. e, the tighter limit applies at the b	pand edges.
Ar	Ooter Yun	The emission limits shown	in the above table are based on	measurements
	Aupolek Aupo		peak detector except for the freq above 1000 MHz. Radiated emis	
ek	Aupotek Aupo	these three bands are base detector.	ed on measurements employing	an average
potek	Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M		potek Aupotek
Aupo	Procedure:	ANSI C63.10-2020 section	6.10.5.2	Vupolek Vupor

8.1. EUT Operation

	Operating Envir	onment:	Aupo	Polek	Anbore	VII.	Aupolek
	Aupo	1: TX mode(E	BLE 1M): Kee	p the EUT w	orks in contin	uously transm	itting mode (BLE
1/2	Test mode:	1M) 2: TX mode(E	BLE 2M): Kee	ep the EUT w	orks in contin	uously transm	itting mode (BLE
	tek Aupole.	2M)	ek anbo'	ek Vupo	40.	abotek A	poro 'A'.





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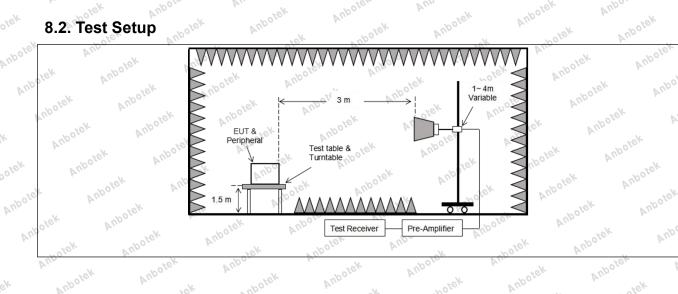
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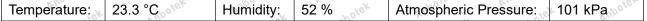
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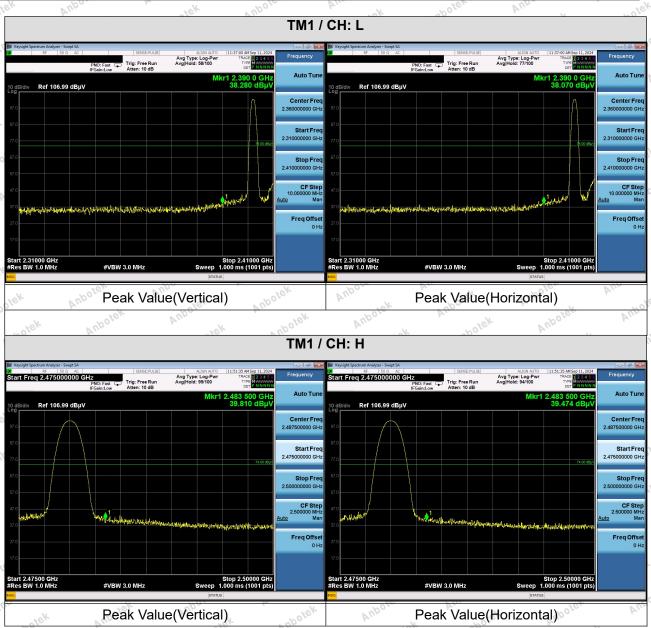
Hotline 400-003-0500 www.anbotek.com





8.3. Test Data





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- 1. During the test, pre-scan all modes, the report only record the worse case mode.
- 2. When the PK measure result value is less than the AVG limit value, the AV measure result values test not applicable.







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9. Emissions in frequency bands (below 1GHz)

Test Requirement:	restricted bands, as define), In addition, radiated emissions ed in § 15.205(a), must also com pecified in § 15.209(a)(see § 15.2	ply with the
Aupotek Aupotek	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
Sporter Aupo	0.009-0.490	2400/F(kHz)	300
All.	0.490-1.705	24000/F(kHz)	.30 hole
k Wupong W	1.705-30.0	30 K hotek Anb	30
" "otek	30-88	100 **	3 rek And
Oler YUN	88-216	150 ** Nabole	3
rek vuporer	216-960	200 **	3 nbole
Vupo, W.	Above 960	500 botek And	3 Nek
Wing Office Wings	frequency bands 54-72 MI	ting under this section shall not l Hz, 76-88 MHz, 174-216 MHz or	470-806 MHz.
Aupotek Aupotek Vale Vale Vale Vale Vale Vale Vale Vale	frequency bands 54-72 Mill However, operation within sections of this part, e.g., in the emission table above The emission limits shown employing a CISPR quasi-90 kHz, 110–490 kHz and these three bands are bas detector.	ting under this section shall not be Hz, 76-88 MHz, 174-216 MHz or these frequency bands is permit §§ 15.231 and 15.241. The tighter limit applies at the in the above table are based or peak detector except for the free above 1000 MHz. Radiated emissed on measurements employing	be located in the 470-806 MHz. tted under other band edges. In measurements quency bands 9- ssion limits in
Test Method:	frequency bands 54-72 Mills However, operation within sections of this part, e.g., In the emission table above The emission limits shown employing a CISPR quasi-90 kHz, 110–490 kHz and these three bands are based to see the section within the section of the section of the section within the section of the section within the section of the section of the section within the section of the sectio	ting under this section shall not be Hz, 76-88 MHz, 174-216 MHz or these frequency bands is permit §§ 15.231 and 15.241. The tighter limit applies at the in the above table are based or peak detector except for the free above 1000 MHz. Radiated emitted on measurements employing to 6.6.4	be located in the 470-806 MHz. tted under other band edges. In measurements quency bands 9- ssion limits in
Test Method:	frequency bands 54-72 Mill However, operation within sections of this part, e.g., In the emission table above The emission limits shown employing a CISPR quasi-90 kHz, 110–490 kHz and these three bands are bas detector. ANSI C63.10-2020 section	ting under this section shall not be Hz, 76-88 MHz, 174-216 MHz or these frequency bands is permit §§ 15.231 and 15.241. The tighter limit applies at the in the above table are based or peak detector except for the free above 1000 MHz. Radiated emitted on measurements employing to 6.6.4 Meas Guidance v05r02	be located in the 470-806 MHz. tted under other band edges. In measurements quency bands 9- ssion limits in

9.1. EUT Operation

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	Operating Envir	onment:	Aupo	- N	-hoiek	Anbore	. All.	rek	Aupolek	
	Aupo	1: TX mod	e(BLE 11	1): Keep the	e EUT wo	rks in conti	nuously tra	ansmitting	mode (BLE	
Ys	Test mode:	1M) 2: TX mod	e(BLE 2M	1): Keep the	e EUT wo	rks in conti	nuously tra	ansmitting	mode (BLE	45
	lek Aupoles	2M)	-16K	Vupolek	Aupo	40.	potek	Aupola		-0/8



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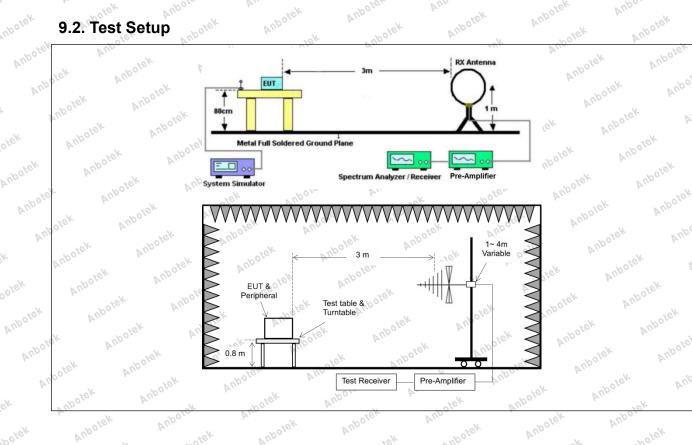
Anbolek 9.2. Test Setup

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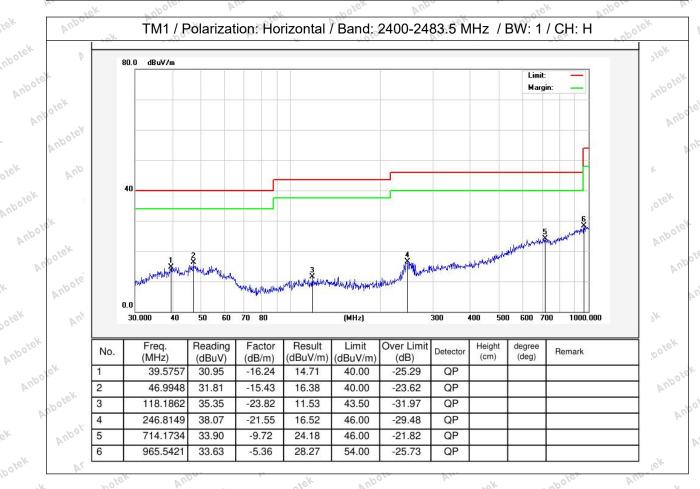




9.3. Test Data

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

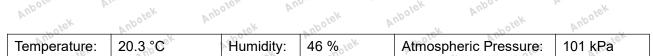
Temperature:	20.3 °C	Humidity:	46 %	Atmospheric Pressure:	101 kPa	
Tomporataro.	20.0	Colo Haimany.	10 70	Aumoophono i roccaro.	101111111	1

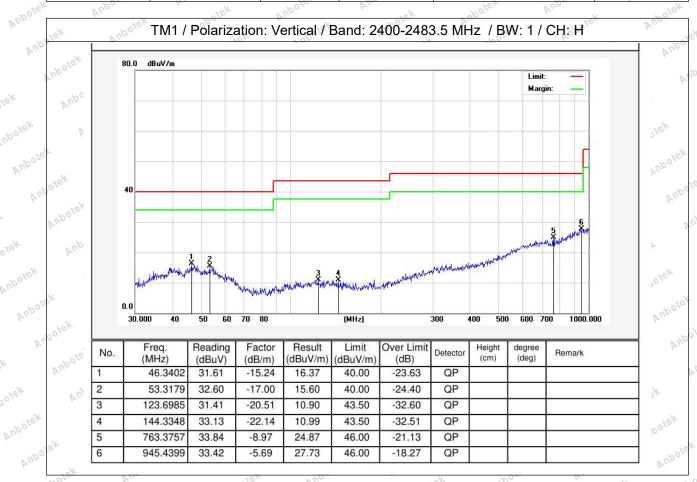






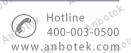
Report No.:1811C40005312501 FCC ID:2AOKB-1727





Note:Only record the worst data in the report.

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10. Emissions in frequency bands (above 1GHz)

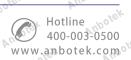
Test Requirement:		ons which fall in the restricted bomply with the radiated emission (5(c)).	
Vupotek Vupotek	Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
sporek Aupo	0.009-0.490	2400/F(kHz)	300 Am
VI.	0.490-1.705	24000/F(kHz)	30 hole
K Aupore A.	1.705-30.0	30 K Polek Mup	30
"Olek	30-88	100 **	31ek Ank
Open And	88-216	150 **	3
iek upoter	216-960	200 **	3,000
Vupore V.	Above 960	500 hotel And	3 Nek
Aupotek Aupotek Vootek Vootek Voot	However, operation within the sections of this part, e.g., § In the emission table above the emission limits shown employing a CISPR quasi-190 kHz, 110–490 kHz and a	Iz, 76-88 MHz, 174-216 MHz or these frequency bands is permit § 15.231 and 15.241. e, the tighter limit applies at the in the above table are based on peak detector except for the free above 1000 MHz. Radiated emised on measurements employing	ted under other band edges. measurements quency bands 9- ssion limits in
Test Method:	ANSI C63.10-2020 section KDB 558074 D01 15.247 M	V //	potek Aupo
Procedure:	ANSI C63.10-2020 section	6.6.4 otek	abolek A
10.1. EUT Operation	ou Yupotek Yupotek	Vuporek Vupo,	Aupolek

10.1. EUT Operation

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Operating Envir	onment:	Anbo	-0019	K Anb	, v.	rek	Aupolen
Aupo	1: TX mode	(BLE 1M):	Keep the El	JT works in	continuously	transmitting	mode (BLE
Test mode:	1M) 2: TX mode	(BLE 2M):	Keep the El	JT works in	continuously	r transmitting	mode (BLE
otek Aupote.	2M)	rek	upolek	Aupo	botek	Anboro	Ai.









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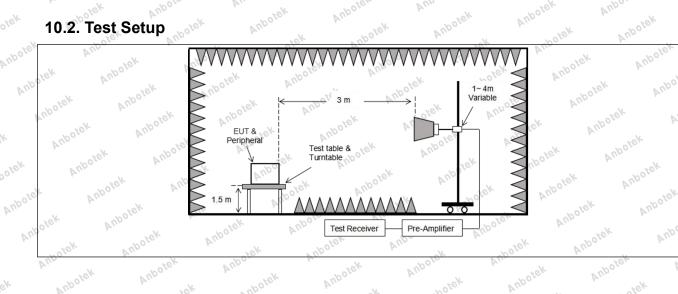
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Anboick 10.2. Test Setup



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10.3. Test Data

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10.3. Test Data	Vupore _k	Aupo, upolek	Anbotek	Aupolek	Anbotek
Temperature: 24.6 °C	Humidity:	48.8 %	Atmospheric	Pressure:	101 kPa

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tek Anboke	A. Lek	Vupology	Vur.	4 abotek	Anbo	, , , o, v
		•	TM1 / CH: L			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4804.00	28.99	15.27	44.26	74.00	-29.74	Vertical
7206.00	28.96	18.09	47.05	74.00	-26.95	Vertical
9608.00	30.00	23.76	53.76	74.00	-20.24	Vertical
12010.00	* A	tek Anbo	iek Anbe	74.00	olek Vupo	Vertical
14412.00	polek * Aup		sbotek An	74.00	· Olek	Vertical
4804.00	28.61	15.27	43.88	74.00	-30.12	Horizontal
7206.00	29.69	18.09	47.78	74.00	-26.22	Horizontal
9608.00	28.34	23.76	52.10	74.00	-21.90	Horizontal
12010.00	*nbole	VIII	Aupolek	74.00	k abolek	Horizontal
14412.00	vek * nbole	K Aupor	ode de	74.00	Br.	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4804.00	17.26	15.27	32.53	54.00	-21.47	Vertical
7206.00	18.01	18.09	36.10	54.00	-17.90	Vertical
9608.00	19.47	23.76	43.23	54.00 NO	-10.77	Vertical
12010.00	ore. * Aug	iek an	olek Vup.	54.00	potek Aut	Vertical
14412.00	Upolek * AL	100, 1	Polek	54.00	rek.	Vertical
4804.00	16.94	15.27	32.21	54.00	-21.79	Horizontal
7206.00	18.72	18.09	36.81	54.00	-17.19	Horizontal
9608.00	17.85	23.76	41.61	54.00	-12.39	Horizontal
12010.00	* Anbole	VUP.	k upote	54.00	ok -ho!	Horizontal
14412.00	* *	ick Vupor	V	54.00 M	To VIII	Horizontal

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"Olek	Anbo	184	ГМ1 / CH: M	, , , , , , , , , , , , , , , , , , ,	botek	Ant
Peak value:		<u></u>				
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4880.00	28.54	15.42	43.96	74.00 And	-30.04	Vertical No
7320.00	28.93	18.02	46.95	74.00	-27.05	Vertical
9760.00	29.50	23.80	53.30	74.00	-20.70	Vertical
12200.00	Aupo*	Vung.	"upolek	74.00	hotek	Vertical
14640.00	ek *bolek	Aupore	"olek	74.00	Yun	Vertical
4880.00	28.42	15.42	43.84	74.00	-30.16	Horizontal
7320.00	29.56	18.02	47.58	74.00	-26.42 M	Horizontal
9760.00	28.06	23.80	51.86	74.00	-22.14	Horizontal
12200.00	V. Olek*	Aupole, A	up.	74.00	Aupo	Horizontal
14640.00	AUD *	"upotek	Aupore	74.00	Anborok	Horizontal
Average valu	ie:					
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4880.00	17.35	otek 15.42 km²	32.77	54.00	-21.23 Am	Vertical
7320.00	17.87	18.02	35.89	54.00	-18.11	Vertical
9760.00	19.32	23.80	43.12	54.00	-10.88	Vertical
12200.00	*otek	Auporen	A. Olek	54.00	Vup.	Vertical
14640.00	An* Siek	VUPOLEK	Anbo	54.00	Aupor	Vertical
4880.00	17.05	15.42	32.47	54.00	-21.53,00 ¹	Horizontal
7320.00	19.07 And 19	18.02	10 And	54.00	-16.91	Horizontal
9760.00	18.15	23.80 Ani	41.95	54.00	-12.05	Horizontal
12200.00	Aug *	nbotek.	Aupole.	54.00	Aupolek	Horizontal
14640.00	Anbore*	Vick	Vupoler	54.00	abotek	Horizontal

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"Olek	YUD .	-tek	aupo.	b.	Pole.	Vu.
			TM1 / CH: H			
Peak value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4960.00	28.67	15.58 no	44.25	otek 74.00 pho	-29.75	Vertical
7440.00	29.09	17.93	47.02	74.00	-26.98	Vertical
9920.00	30.20	23.83	54.03	74.00	-19.97	Vertical
12400.00	100 kg/k	Aupor	"olek	74.00	Vier	Vertical
14880.00	* 016K	Aupolek	AUR	74.00	Anbore	Vertical
4960.00	28.56	15.58	44.14	74.00	-29.86	Horizontal
7440.00	29.77	17.93	47.70 m	74.00	-26.30	Horizontal
9920.00	28.44	23.83	52.27	74.00 M	-21.73	Horizontal
12400.00	*	Spolek A	uport V	74.00	Aupoles A	Horizontal
polek	Anbote	W. Olek	Vupolek.	Vup.	, upotek	Horizontal
Average value:						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	polarization
4960.00	18.47	15.58	34.05	54.00	-19.95 NO	Vertical
7440.00	19.14 An	17.93	37.07	54.00	-16.93	Vertical
9920.00	19.97	23.83	43.80	54.00	-10.20	Vertical
12400.00	Aug *	abolek	Aupor	54.00	Anborer	Vertical
14880.00	Vul*	"Olek	Aupole.	54.00	nhotek (Vertical
4960.00	18.23	15.58	33.81	54.00	-20.19	Horizontal
7440.00	19.87	17.93	37.80	54.00	-16.20	Horizontal
9920.00	18.30	23.83 M	42.13	54.00	10010 Ani	Horizontal
12400.00	"upole" * V	iek .	upolek	54.00	holek	Horizontal
14880 00	(a)	Vupo	h.	54.00	View.	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.





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APPENDIX I -- TEST SETUP PHOTOGRAPH

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

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APPENDIX II -- EXTERNAL PHOTOGRAPH

Please refer to separated files Appendix II -- External Photograph

APPENDIX III -- INTERNAL PHOTOGRAPH

Please refer to separated files Appendix III -- Internal Photograph

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