

Address

Report No.:1813C40076012504 FCC ID:2ABC5-E0076

FCC Test Report

SHENZHEN ELECTRON TECHNOLOGY Applicant

CO.,LTD.

Bld.2, Yingfeng Industrial Zone, Tantou

Community, Songgang Street, Baoan,

Shenzhen, China

Briefcase Smart Screen Product Name

Sept. 25, 2024 Report Date

Shenzhen Anbotek







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TEST REPORT

Applicant SHENZHEN ELECTRON TECHNOLOGY CO.,LTD.

SHENZHEN ELECTRON TECHNOLOGY CO., LTD. Manufacturer

Briefcase Smart Screen **Product Name**

AP2718T, 121-1001P01 Model No.

Trade Mark

Input: 100-240V~,50/60Hz, 3.3A Max

DP IN Output: 5V-- 2A;9V-- 2A;12V-- 2A;15V-- 2A Rating(s)

Battery capacity: DC14.6V, 6800mAh

47 CFR Part 15E

ANSI C63.10-2020 Test Standard(s) KDB 789033 D02 General UNII Test Procedures New Rules v02r01

KDB 662911 D01 Multiple Transmitter Output v02r01

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.

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Revision History

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1. General Information

1.1. Client Information

D/ .		ASI, VA
Applicant	: "	SHENZHEN ELECTRON TECHNOLOGY CO.,LTD.
Address		Bld.2, Yingfeng Industrial Zone, Tantou Community, Songgang Street, Baoan, Shenzhen, China
Manufacturer	:	SHENZHEN ELECTRON TECHNOLOGY CO.,LTD.
Address		Bld.2, Yingfeng Industrial Zone, Tantou Community, Songgang Street, Baoan, Shenzhen, China
Factory	:	SHENZHEN ELECTRON TECHNOLOGY CO.,LTD.
Address		Bld.2, Yingfeng Industrial Zone, Tantou Community, Songgang Street, Baoan, Shenzhen, China

1.2. Description of Device (EUT)

1.2. Description of	ŠI L	Jevice (EUT) And tesk topoles And the project to
Product Name	:	Briefcase Smart Screen
Model No.	:	AP2718T, 121-1001P01 (Note: All samples are the same except the model number, so we prepare "AP2718T" for test only.)
Trade Mark	:	N/A Andotek Andotek Andotek Andotek Andotek
Test Power Supply	:	AC 120V/60Hz; DC 14.6V battery inside
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/A Andore Anbotek Anbotek Anbotek
RF Specification		
Operation Frequency	·	802.11a/n(HT20)/ac(HT20)/ax(HEW20): U-NII Band 1: 5180MHz to 5240MHz; U-NII Band 3: 5745MHz to 5825MHz; 802.11n(HT40)/ac(HT40)/ax(HEW40): U-NII Band 1: 5190MHz to 5230MHz; U-NII Band 3: 5755MHz to 5795MHz; 802.11ac(HT80)/ax(HEW80): U-NII Band 1: 5210MHz; U-NII Band 3: 5775MHz
Number of Channel	:	802.11a/n(HT20)/ac(HT20)/ax(HEW20): U-NII Band 1: 4; U-NII Band 3: 5; 802.11n(HT40)/ac(HT40)/ax(HEW40): U-NII Band 1: 2; U-NII Band 3: 2; 802.11ac(HT80)/ax(HEW80): U-NII Band 1: 1; U-NII Band 3: 1





W. I.		VO. 100. W. 100. W. 100.			
Modulation Type	:	802.11a: OFDM(BPSK, QPSK, 16QAM, 64QAM); 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM); 802.11ax: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM)			
Device Type	:	Client Devices			
Antenna Type	:	Ant1: PCB Antenna Ant2: PCB Antenna			
Antenna Gain(Peak)		U-NII Band 1 Ant1: 2.29dBi Ant2: 2.06dBi			
Antenna Gam(Feak)	•	U-NII Band 3 Ant1: 2.52dBi Ant2: 2.52dBi			
Directional antenna gain	:	U-NII Band 1: 5.19dBi U-NII Band 3: 5.53dBi			
VIE.		LOVE ADDRESS OF THE PROPERTY O			

Remark:

(1) All of the RF specification are provided by customer.

Aupolek

(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

6	Title	Manufacturer	Model No.	Serial No.	
	ick autotok Au	Por Viek	Aupoter Aug	Aupotek Aupo	

1.4. Operation channel list

Operation Band: U-NII Band 1

- 1 - 1/8/1 - 1 - 1/1/	V=	- PO.	The second secon		V1.
Bandwidth:	20MHz	Bandwidth:	40MHz	Bandwidth:	80MHz
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
tek 36 Anborek	5180	38	5190	hotek 42 Anbol	5210
tek 40 Anbok	5200	46 olek	5230	YUN VOICH Y	potek / Anbo
44	otek 5220 Majore	ok sporek	V. Worker	And	Anbotek / Ant
48 _k	100165240 And	or All	ek I Vuporen	And	VUPO NA

Operation Band: U-NII Band 3

Bandwidth:	20MHz	Bandwidth:	40MHz	Bandwidth:	80MHz
Channel Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149 A	5745	otek 151 Anbotes	5755 John 1	155	5775
153	5765	Anbert 159 Anbert	5795	ek Anborek	Ando
157 _{botek}	5785	b. copy	'upoper \ Yup	otek / Aupotek	Wpo, rek
161 nbotek	5805	bu. Josek	Aupoles Ar	otek / Anb	olek \ Vupo
165 nb	5825	ok botek	Auplen	And	Aupolek / Aupo

1.5. Description of Test Modes

Pretest Modes	Descriptions
tek Aupotek Aupote	Keep the EUT in continuously transmitting mode with 802.11a modulation type at lowest, middle and highest channel. All data rates has been tested and found the data rate @ 6Mbps is the worst case. Only the data of worst case is recorded in the report.
Anbotek TM2	Keep the EUT in continuously transmitting mode with 802.11n modulation type at lowest, middle and highest channel. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.
otek Aupotek Aupotek	Keep the EUT in continuously transmitting mode with 802.11ac modulation type at lowest, middle and highest channel. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.
Anbotek TM4 potek An	Keep the EUT in continuously transmitting mode with 802.11ax modulation type at lowest, middle and highest channel. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.







Note: 802.11ax mode only support full resource unit size.

1.6. Measurement Uncertainty

Parameter	Uncertainty
Conducted emissions (AMN 150kHz~30MHz)	3.4dB
Occupied Bandwidth	925Hz
Conducted Output Power	0.76dB
Power Spectral Density	0.76dB
Radiated spurious emissions (above 1GHz)	1G-6GHz: 4.78dB; 6G-18GHz: 4.88dB 18G-40GHz: 5.68dB
Radiated emissions (Below 30MHz)	3.53dBootek And
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
Conducted Emission at AC power line	Mode1,2,3,4	upole P
Duty Cycle dek Anbotek Anbotek	Mode1,2,3,4	Aup D
Emission bandwidth and occupied bandwidth	Mode1,2,3,4	\bole \
Maximum conducted output power	Mode1,2,3,4	P Anbo
Power spectral density	Mode1,2,3,4	otek P
Band edge emissions (Radiated)	Mode1,2,3,4	nbote ^P
Undesirable emission limits (below 1GHz)	Mode1,2,3,4	nb Rek
Undesirable emission limits (above 1GHz)	Mode1,2,3,4	Popolek
Note: Anbotek Anbotek Anbotek	Auporek Aupore	k vup.

P: Pass

Tel:(86)0755-26066440

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.
- The test report is invalid if there is any evidence and/or falsification. Mr. 2.
 - 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.



Anbotek



Report No.:1813C40076012504 FCC ID:2ABC5-E0076

1.10. Test Equipment List

Conducted Emission at AC power line			Anborek	Vun. Olek	Anbotek	Aupo
Item	Equipment Manufacturer		Model No.	Serial No.	Last Cal.	Cal.Due Date
10k	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	2024-01-18	2025-01-17
,200h	Three Phase V- type Artificial Power Network	CYBERTEK	EM5040DT	E215040D T001	2024-01-17	2025-01-16
3	Software Name EZ-EMC	Farad Technology	ANB-03A	N/A	Ann	Aupliek
4	EMI Test Receiver	Rohde & Schwarz	ESPI3	100926	2023-10-12	2024-10-11

Emission bandwidth and occupied bandwidth Maximum conducted output power Power spectral density
Duty Cycle

Item	nbote Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
item	Equipment	Manufacturer	wodel ino.	Senai No.	Last Cal.	Cal.Due Date
t 1 potek	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ- KHWS80B	N/A	2023-10-16	2024-10-15
2 tel	DC Power Supply	IVYTECH	IV3605	1804D360 510	2023-10-20	2024-10-19
3,70	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
100 G	MXG RF Vector Signal Generator	Agilent Anbous	N5182A	MY474206 47	2024-02-04	2025-02-03

1	edge emissions (Ra sirable emission lim	70.7	"upolek V	upotek	Vupotek.	Vupore, b
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
kek 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
300	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	2022-10-16	2025-10-15
4 🔊	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	Auporen	Andalohek
5	Horn Antenna	A-INFO	LB-180400- KF	J21106062 8	2023-10-12	2024-10-11
6	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102150	2024-05-06	2025-05-05
Anboro	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2024-05-07	2025-05-06





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Report No.:1813C40076012504 FCC ID:2ABC5-E0076

Unde	sirable emission limi	ts (below 1GHz)	'upolek V	upo.	w.	Aupole. b
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
₃ ×1	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22
2	Pre-amplifier	SONOMA	310N	186860	2024-01-17	2025-01-16
3	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	2022-10-23	2025-10-22
4	Loop Antenna (9K- 30M)	Schwarzbeck	FMZB1519 B	00053	2023-10-12	2024-10-11
5	EMI Test Software EZ-EMC	SHURPLE	M/N/A	N/A	Woolek	And

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2. Conducted Emission at AC power line

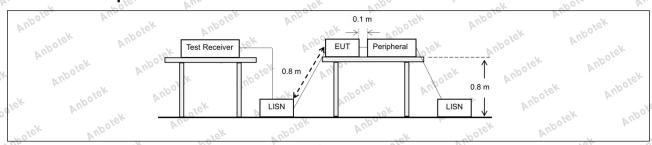
Test Requirement:	47 CFR Part 15.207(a)	Aur Olek Aupole	Yup Yup					
Ciek I	Frequency of emission (MHz)	Conducted limit (dBµV)	ofek Aupo,					
OFER AUDO	otek Aupore W.	Quasi-peak	Average					
- vek	0.15-0.5	66 to 56*	56 to 46*					
Test Limit:	0.5-5	56 And	46					
Polek Vupore	5-30	60	50 no					
Aug sek oupotel	*Decreases with the logarithm of the frequency.							
Test Method:	ANSI C63.10-2020 section 6.2	Aupolek Aupo	ek abolek					

2.1. EUT Operation

2.1. LOT OP	Aupo.	r.	"pole.	Allin	Polek	AUDO
Operating Envi	ronment:	Aupo	k. hotek	Aupole	Vu.	Anb
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	1: 802.11a mode modulation type a tested and found case is recorded 2: 802.11n mode modulation type a has been tested of worst case is r 3: 802.11ac modulation type a has been tested of worst case is r 4: 802.11ax mod modulation type a has been tested of worst case is r 4: 802.11ax mod modulation type a has been tested of worst case is r	at lowest, middle the data rate @ in the report. Keep the EUT at lowest, middle and found the decorded in the recorded in the deand found the deand found the decorded in the decorded in the recorded in the recorded in the recorded in the recorded in the decorded in the decorded in the decorded in the recorded in the	e and highest of 60 6Mbps is the in continuously e and highest of ata rate @ MC eport. If in continuous e and highest of ata rate @ MC eport. If in continuous e and highest of ata rate @ MC eport. If in continuous e and highest of ata rate @ MC eport. If in continuous e and highest of ata rate @ MC eport.	channel. All data worst case. On transmitting me channel. All ban S0 is the worst ly transmitting channel. All ban S0 is the worst ly transmitting channel. All ban	a rates has been a rates has been by the data of which and data case. Only the mode with 802 adwidth and data case. Only the mode with 802 adwidth and data and data data and	en vorst 11n ta rates e data .11ac ta rates e data .11ax ta rates

2.2. Test Setup

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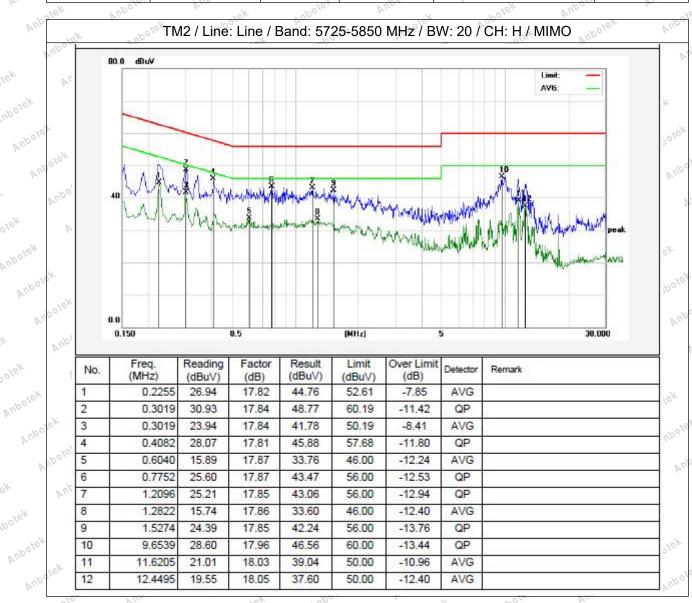


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Report No.:1813C40076012504 FCC ID:2ABC5-E0076

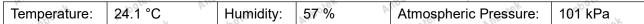
2.3. Test Data

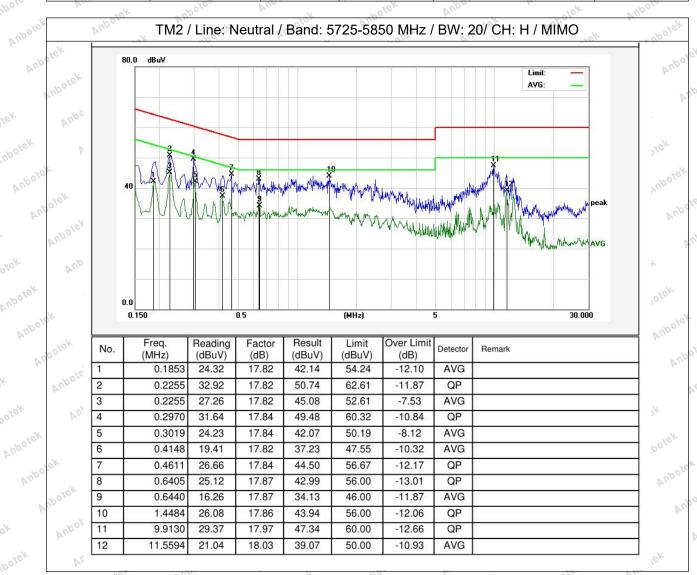
24.1 °C 57 % Temperature: **Humidity:** Atmospheric Pressure: 101 kPa



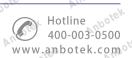








Note: Only record the worst data in the report.







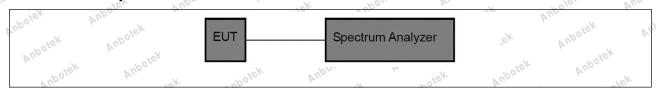
3. Duty Cycle

Test Requirement:	All measurements are to be performed with the EUT transmitting at 100% duty cycle at its maximum power control level; however, if 100% duty cycle cannot be achieved, measurements of duty cycle, x, and maximum-power transmission duration, T, are required for each tested mode of operation.
Test Limit:	No limits, only for report use.
Test Method:	ANSI C63.10-2020 section 12.2 (b)
ek ^{Vupo} tek ^{Vup} ote Vupotek Vupote	 i) Set the center frequency of the instrument to the center frequency of the transmission. ii) Set RBW >= EBW if possible; otherwise, set RBW to the largest available value.
Procedure:	 iii) Set VBW >= RBW. iv) Set detector = peak. v) The zero-span measurement method shall not be used unless both RBW and VBW are > 50/T, where T is defined in item a1) of 12.2, and the number of sweep points across duration T exceeds 100.

3.1. EUT Operation

Ja.	"upo,	K	Poles.	VII.	TOR	VUD
Operating Envi	ronment:	Anbole.	Vun	Aupolek	Aupa	abole
Anbotek Anbote	modulation typ tested and fou case is record	ode: Keep the EU pe at lowest, midd und the data rate (led in the report.	lle and highest @ 6Mbps is the	t channel. All d e worst case. (ata rates has b Only the data o	peen of worst
Test mode:	modulation type has been tested of worst case	ode: Keep the EU pe at lowest, mide ed and found the is recorded in the	lle and highest data rate @ M report.	t channel. All b ICS0 is the wo	andwidth and or rst case. Only t	data rates the data
abotek Anbo	modulation type has been tested of worst case	node: Keep the EU pe at lowest, mido ed and found the is recorded in the	lle and highest data rate @ M report.	t channel. All b ICS0 is the wo	andwidth and or rst case. Only t	data rates the data
Aupotek Vupotek	modulation typ	node: Keep the El pe at lowest, mido ed and found the is recorded in the	lle and highest data rate @ M	t channel. All b	andwidth and	data rates

3.2. Test Setup



3.3. Test Data

30	Temperature:	24.8 °C	rek	Humidity:	49 %	Atmospheric Pres	sure: 101 kPa	î "
10	de 4e.	otek	AUDO		tek Aupor	A. Iek	"Upoles	VUN

Please Refer to Appendix for Details.







4. Emission bandwidth and occupied bandwidth

"Olek Vul	U-NII 1, U-NII 2A, U-NII 2C: No limits, only for report use.
Test Requirement:	cotek Ando sek ndote An
tek Aupole.	U-NII 3, U-NII 4: 47 CFR Part 15.407(e)
Polek Aupolek	U-NII 1, U-NII 2A, U-NII 2C: No limits, only for report use.
Test Limit:	LL NIL 2 LL NIL 4: Within the E 725 E 950 CHz and E 950 E 905 CHz hands
Aupoter Aupo	U-NII 3, U-NII 4: Within the 5.725-5.850 GHz and 5.850-5.895 GHz bands, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.
Test Method:	ANSI C63.10-2020, section 6.9 & 12.5 KDB 789033 D02, Clause C.2
Vur.	Emission bandwidth:
otek Vupolek	a) Set RBW = approximately 1% of the emission bandwidth.
otek	b) Set the VBW > RBW.
Thotek And	c) Detector = peak.
"II" apolek	d) Trace mode = max hold.
Auporek Aupor	e) Measure the maximum width of the emission that is 26 dB down from the
Crek Vupo,	peak of the emission.
Anbo	Compare this with the RBW setting of the instrument. Readjust RBW and
Potek V.	repeat measurement
And	as needed until the RBW/EBW ratio is approximately 1%.
otek Aupoter	And thotak Aubo Tek Aubora An
. N	Occupied bandwidth:
Anbotek Anbote	a) The instrument center frequency is set to the nominal EUT channel center
Aupa	frequency. The
Thorem And	frequency span for the spectrum analyzer shall be between 1.5 times and
VII.	5.0 times the OBW.
Vupofek Vupo	b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to
. dek	5% of the OBW,
Anbo	and VBW shall be approximately three times the RBW, unless otherwise
ok spoker	specified by the
Procedure:	applicable requirement.
Procedure:	c) Set the reference level of the instrument as required, keeping the signal
Aupo, Le	from exceeding the
Polek Wupon	maximum input mixer level for linear operation. In general, the peak of the
Vur.	spectral envelope
Vupoje. Vur	shall be more than [10 log (OBW/RBW)] below the reference level. Specific
W.	shall be more than [10 log (OBW/RBW)] below the reference level. Specific guidance is given
Ek Aupo.	in 4.1.5.2.
ak notek	d) Step a) through step c) might require iteration to adjust within the
Poles Yun	specified range.
rek upolek	e) Video averaging is not permitted. Where practical, a sample detection and
Vupor Vi.	single sweep mode
"Olek Vupor	shall be used. Otherwise, peak detection and max hold mode (until the trace
And	stabilizes) shall be
abotek An	used.
VII.	f) Use the 99% power bandwidth function of the instrument (if available) and
ick Vupole	report the measured
, sek	bandwidth.
Polek Vupo.	g) If the instrument does not have a 99% power bandwidth function, then the
'Ur Polek	trace data points are
" upole. Yur	recovered and directly summed in linear power terms. The recovered
b	Trecovered and unectly summed in inical power terms. The recovered







amplitude data points,

beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached;

that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the

total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is

the difference between these two frequencies.

h) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument

display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may

be reported in addition to the plot(s).

6 dB emission bandwidth:

- a) Set RBW = 100 kHz.
- b) Set the video bandwidth (VBW) ≥ 3 >= RBW
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Sweep = auto couple.
- f) Allow the trace to stabilize.
- g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

4.1. EUT Operation

Operating Environment:

1: 802.11a mode: Keep the EUT in continuously transmitting mode with 802.11a modulation type at lowest, middle and highest channel. All data rates has been tested and found the data rate @ 6Mbps is the worst case. Only the data of worst case is recorded in the report.

2: 802.11n mode: Keep the EUT in continuously transmitting mode with 802.11n modulation type at lowest, middle and highest channel. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.

3: 802.11ac mode: Keep the EUT in continuously transmitting mode with 802.11ac modulation type at lowest, middle and highest channel. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.

4: 802.11ax mode: Keep the EUT in continuously transmitting mode with 802.11ax modulation type at lowest, middle and highest channel. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.

Test mode:







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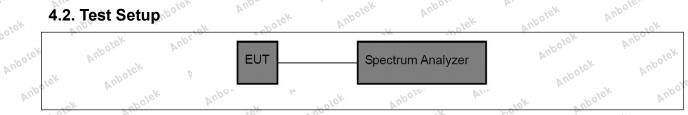
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4.2. Test Setup



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4.3. Test Data

4.3. Test Data	Anbore	Vick VI	ipolek	Aupolek Au	potek	Aupolek	PL
Temperature: 24.8	3 .c Vu	Humidity:	49 %	Atmospher	ic Pressure:	101 kPa	
AUD	rek	Vupore	P. S. K.	" upoles	Vug	"0/6	+
Please Refer to Appe	endix for Deta	ails. Nek	Vupore	W.	poler	AUD	V

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5. Maximum conducted output power

D.	As the second se
Test Requirement:	47 CFR Part 15.407(a)(1)(iv) 47 CFR Part 15.407(a)(3)(i)
Aupotek Aupotek Aupotek Aupotek	For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
otek Anbotek An	For the band 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. If transmitting antennas of directional gain greater than 6 dBi are used, the
Test Limit: Anbotek Anbotek Anbotek	maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without
Aupolek Aupole	any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting
Potek Vupotek	the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed,
Test Method:	point-to-point operations. ANSI C63.10-2020, section 12.4
Procedure:	Refer to ANSI C63.10-2020 section 12.4
V 1.7m	-K NA 1. 'V' V' V'

5.1. EUT Operation

Operating Envir	onment:	k hotek	Anbore	Vick	Vupolek	AUD
Operating Envir	1: 802.11a mode modulation type tested and found case is recorded 2: 802.11n mode modulation type has been tested of worst case is 3: 802.11ac mod modulation type	e: Keep the EUT in at lowest, middle d the data rate @ I in the report. e: Keep the EUT in at lowest, middle and found the da recorded in the rede: Keep the EUT at lowest, middle and found the da and found the da	and highest of 6Mbps is the value of continuously and highest of tarate @ MCs port. In continuous and highest of and highest of the following and highest of the following the following the following and highest of the following the followi	hannel. All data worst case. Only transmitting mo hannel. All bands S0 is the worst culy transmitting mannel. All bands hannel. All bands	rates has been the data of worder with 802.11 width and data ase. Only the code with 802.1 width and data	orst In a rates data I1ac a rates
Aupotek Vipotek	of worst case is 4: 802.11ax mod modulation type has been tested	recorded in the re de: Keep the EUT at lowest, middle and found the da recorded in the re	port. in continuous and highest c ta rate @ MC	ly transmitting m hannel. All band	ode with 802.1 width and data	l1ax rates









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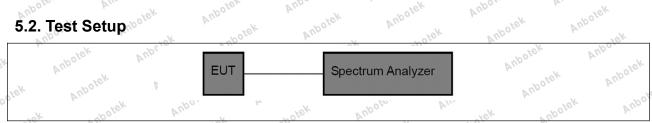
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5.2. Test Setup



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5.3. Test Data

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5.3. Test Dat	a _{hotek}	Aupole	Vupolek	Auporek	Aug sporek	Aupolek	AU
Temperature:	24.8 °C	And Hun	nidity: 49 %	Atmosph	neric Pressure:	101 kPa	
Anbo	leio.	Y Vipor	D.	iek "upolei	AUR	hotek	
Please Refer to	o Appendix	for Details.	rek not	, Dr.	sk spoker	And	V

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6. Power spectral density

Procedure:	Refer to ANSI C63.10-2020, section 12.6
Test Method:	ANSI C63.10-2020, section 12.6
poler Aug apolek	that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.
k Pur	equipment is professionally installed, the installer, is responsible for ensuring
k Wolek W	systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the
W. Volek Vupok	Fixed, point-to-point operations exclude the use of point-to-multipoint
W. Woolek Williams	with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power.
upotek Aupote	the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas
Test Limit:	maximum power spectral density shall be reduced by the amount in dB that
k Aupor	not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, the
Aupo Kek "up	For the band 5.725-5.850 GHz, the maximum power spectral density shall
Anbo otek Anbotel	the directional gain of the antenna exceeds 6 dBi.
upo otek Aupotek	If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that
ore Air.	For client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.
Test Requirement:	47 CFR Part 15.407(a)(3)(i)
T 10 hotek Anb	47 CFR Part 15.407(a)(1)(iv)

6.1. EUT Operation

Operating Envir	onment:	Aupole	Vur.	anboick	Aupo	yoto de
upotek Vupor	1: 802.11a mode: modulation type a	t lowest, middle	e and highest ch	nannel. All da	ta rates has b	een 🗥
Auporer Ar	tested and found to case is recorded i	n the report.	otek Aupor	All	rek on	poler
Vuoo.	2: 802.11n mode: modulation type a has been tested a	t lowest, middle	e and highest ch	nannel. All ba	ndwidth and o	data rates
Test mode:	of worst case is re 3: 802.11ac mode	corded in the r	eport.	VII.	"Upolek	Anb
Anbotek Anbo	modulation type a	t lowest, middle	and highest ch	nannel. All ba	ndwidth and o	data rates
Vuporek V	of worst case is re 4: 802.11ax mode modulation type a	corded in the r : Keep the EU	eport. in continuousl	y transmitting	mode with 80)2.11ax
Aupotek	has been tested a of worst case is re	nd found the da	ata rate @ MCS			







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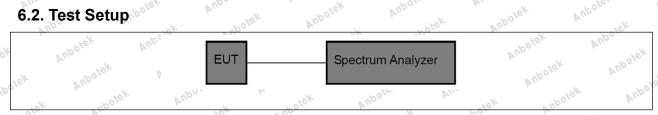
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6.2. Test Setup



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6.3. Test Data

1	6.3. Test Dat	a _{hotek}	Aupole	Viek VIII	upolek	Aupolek	Aup apolek	Aupotek	P.C
	Temperature:	24.8 °C	Aul	Humidity:	49 %	Atmosp	heric Pressure	: 101 kPa	

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7. Band edge emissions (Radiated)

Vie. Vie.	47 CFR Part 15.407(b)	(1)	-K 20/2	VU.
Test Requirement:		1.17	oter Aug	Storie Yorke
rest requirement.	47 CFR Part 15.407(b) 47 CFR Part 15.407(b)	(10) Anbore An	rek on	poter Ann
Dr. W.	For transmitters operate	ting in the 5 15 5 25 (Na bond: All on	oissions outsido
Inpotek Anbotek	of the 5.15-5.35 GHz b			
Tup, K Polek	OI THE 3.13-3.33 GHZ L	and Shall not exceed	an e.i.i.p. oi -z	/ UDITI/IVIFIZ.
anboter And	For transmitters operate	ting cololy in the 5.72	5 5 850 GHz ba	nd.
W. Vick Vupose	All emissions shall be			
Anbo	above or below the bar	N	S. V. III.	- A M
C Polek Will	above or below the ball			
And	edge increasing linear	O .	MA.	
Olek Aupole	below the band edge,			
16K	increasing linearly to a			
Aupotek Aupo	MHz	MHz	MHz	GHz
All sek spoker	0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
Aupole All.	10.495-0.505	16.69475-	608-614	5.35-5.46
Otek Aupor	0.493-0.303	16.69525	000-014	3.33-3.40
And	2.1735-2.1905	16.80425-	960-1240	7.25-7.75
k Spoker Yu	2.1733-2:1903	16.80475	900-1240	7.25-7.75
br.	4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
ootek Anbore	4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
191	4.20725-4.20775	73-74.6	1645.5-	9.3-9.5
Anbotek Anbote	4.20125-4.20115	73-74.0 W	1646.5	9,5-9.5
Ar anboier	6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
Anbo	6.26775-6.26825	108-121.94	1718.8-	13.25-13.4
bolek Aupo	0.20773-0.20023	100-121.94	1710.0-	13.23-13.4
Test Limit:	6.31175-6.31225	123-138	2200-2300	14.47-14.5
ek Anbole A	8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
Stek	8.362-8.366	156.52475-	2483.5-2500	17.7-21.4
Apolek Anbore	VO.302-Q.300	156.52525	2403.3-2300	AM .1-21.4
rek abotek	8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
Aupore Air	8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
"Otok Vupora	12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
And	12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
upoter And	12.57675-12.57725	322-335.4	3600-4400	(²)
K.	13.36-13.41	322-333.4	3000-4400	Viek Vupou
tek Aupor	10.00-10.41	Vur.	POSEK VU	DV
ek holek	1Uptil Fobruary 1, 100	9, this restricted band	shall ba 0 400	O ESO MILI-
upoter Aug	¹ Until February 1, 199	e, this restricted band	Shall be 0.490-	U.5 IU IVITZ.
stek vupote	² Above 38.6	OFER AUD	Polek	Anbor
Anbo	Above 30.0	*ek "poler	And	hotek
abotek Anbe	The field strength of er	nissions annearing w	ithin these frequ	ency hands shall
Aug Votek Vup	not exceed the limits s			
Anbore An	1000 MHz, compliance			
, otok	using measurement in			
otek And	detector. Above 1000 M			
tek abolek	15.209shall be demons			
Vupor VIII	emissions. The provisi			
V V0/2	,	2018 m. 2 . 2. V. Warbby m	rek	Aupo
POIGH VUR	Except as provided els	N	-00	Y





	" upo	Polo V.	U.S. VUID	1.01
iek	Anbotek Anbotes	intentional radiator shall no following table:	t exceed the field strength level	s specified in the
Yo.	aboten And	Frequency (MHz)	Field strength	Measurement
upore	VI.	Poler VIII	(microvolts/meter)	distance distance
	rek upote b	"I'V	Allow	(meters)
VUP.	N. Hek	0.009-0.490	2400/F(kHz)	300
	Otek Aupor	0.490-1.705	24000/F(kHz)	30
1	Yup Clek		30	30 1000
	abotek And	1.705-30.0	100 **	V-
	Al. Spoke	30-88		3 Aupotek
181	Auporg Wi	88-216	150 **	3
′	olek Anb	216-960	200 **	3 Aupolo
abole'	Anbo	Above 960	500 And	3
'Llan	ok spoker	** Except as provided in pa	ragraph (g), fundamental emiss	ions from
201	ole. VII.	intentional radiators operati	ng under this section shall not be	e located in the
100	rek vupore	frequency bands 54-72 MH	z, 76-88 MHz, 174-216 MHz or	470-806 MHz.
	Anbo	However, operation within t	hese frequency bands is permit	ted under other
	Polek Vupo,	sections of this part, e.g., §	§ 15.231 and 15.241.	And
	Yun Wole	In the emission table above	, the tighter limit applies at the	
.eK	Aupore. Aug		in the above table are based on	
~	b.	employing a CISPR quasi-r	eak detector except for the free	quency bands 9–
100	k Aupo, W.	90 kHz, 110–490 kHz and a	bove 1000 MHz. Radiated emis	ssion limits in
Up	"Otek	these three bands are base	d on measurements employing	an average
	ooler And	detector.	rek Vupore	Vu.
b.	Test Method:	ANSI C63.10-2020, section	12.7.4, 12.7.6, 12.7.7	Aupore Av.
	Yek upoles	Above 1GHz:	Ando	Nupole
	Augore W.	18.	T was placed on the top of a ro	tating table 1.5
V	Polek Vupo,		t a 3 meter fully-anechoic cham	
0,60	And		ermine the position of the highes	
,	ek aboten Ar		rs away from the interference-re	
VUPO,	W.	101	top of a variable-height antenna	
	"Ofek Aupor		ried from one meter to four met	
1	yo otek	1- 0 · V. C	aximum value of the field streng	-1
	Thotek Aup		the antenna are set to make th	
	Vi., "SK "polek		ssion, the EUT was arranged to	
	Wupote VIII	75/1	uned to heights from 1 meter to	The state of the s
	Clek Vupo		MHz, the antenna was tuned to	
otek	Anbo		turned from 0 degrees to 360 c	
,	One and washolek P	maximum reading.	Aupo.	upole. Aur
Anb	Procedure:		was set to Peak Detect Function	on and Specified
fu.	otek Aupole	Bandwidth with Maximum H		Aupo, W.
1	'upo Bek	0,000	E EUT in peak mode was 10dB	lower than the
	Polek Vupo		could be stopped and the peak	
	VU.			values of the EUT
	No.	would be reported. ()therwi		
1/5	"Upolek Vupora		se the emissions that did not ha	ve 10dB margin
<i>\</i>	Aupotek Aupor	would be re-tested one by	se the emissions that did not ha one using peak or average meth	ve 10dB margin
.otel	Vupotek Vupor	would be re-tested one by and then reported in a data	se the emissions that did not hat one using peak or average meth sheet.	ave 10dB margin nod as specified
ootel	Aupotek Aupor	would be re-tested one by and then reported in a data g. Test the EUT in the lower	se the emissions that did not ha one using peak or average meth	ave 10dB margin nod as specified
bole!	otek Anbotek Anbotek	would be re-tested one by and then reported in a data g. Test the EUT in the lower channel.	se the emissions that did not hat one using peak or average meth sheet. st channel, the middle channel,	ave 10dB margin nod as specified the Highest
Anb Anb	otek Aupotek Auporek	would be re-tested one by and then reported in a data g. Test the EUT in the lower channel. h. The radiation measurem	se the emissions that did not hat one using peak or average methes sheet. It is channel, the middle channel, ents are performed in X, Y, Z ax	ave 10dB margin nod as specified the Highest is positioning for
Anb Note	otek Anbotek Anbotek Anbotek Anbotek	would be re-tested one by and then reported in a data g. Test the EUT in the lower channel. h. The radiation measurem Transmitting mode, and four	se the emissions that did not hat one using peak or average meth sheet. st channel, the middle channel,	ave 10dB margin nod as specified the Highest is positioning for
Vup Dote	otek Anbotek Anbotek Anbotek Anbotek Anbotek	would be re-tested one by and then reported in a data g. Test the EUT in the lower channel. h. The radiation measurem Transmitting mode, and four case.	se the emissions that did not have using peak or average methesheet. It channel, the middle channel, ents are performed in X, Y, Z axend the X axis positioning which	the Highest is positioning for it is the worst
ek Anb	Otek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	would be re-tested one by and then reported in a data g. Test the EUT in the lower channel. h. The radiation measurem Transmitting mode, and four case.	se the emissions that did not hat one using peak or average methes sheet. It is channel, the middle channel, ents are performed in X, Y, Z ax	the Highest is positioning for it is the worst







- Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
- 2. Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
- 3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.
- 4. The disturbance above 18GHz were very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

7.1. EUT Operation

Operating Environment:

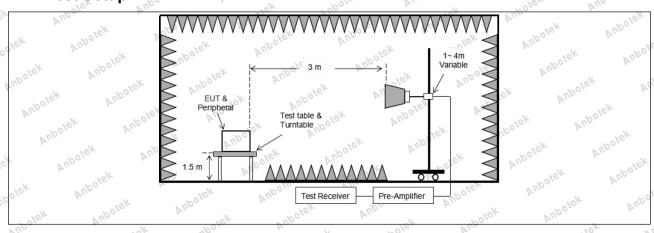
1: 802.11a mode: Keep the EUT in continuously transmitting mode with 802.11a modulation type at lowest, middle and highest channel. All data rates has been tested and found the data rate @ 6Mbps is the worst case. Only the data of worst case is recorded in the report.

2: 802.11n mode: Keep the EUT in continuously transmitting mode with 802.11n modulation type at lowest, middle and highest channel. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.

Test mode:

- 3: 802.11ac mode: Keep the EUT in continuously transmitting mode with 802.11ac modulation type at lowest, middle and highest channel. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.
- 4: 802.11ax mode: Keep the EUT in continuously transmitting mode with 802.11ax modulation type at lowest, middle and highest channel. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.

7.2. Test Setup







7.3. Test Data

The second secon	010	7/.	184	1 UN	. NO.
Tomporoturo:	24.8 °C	Llumidity:	49 %	Atmospheric Pressure:	101 kPa
lemperature:	24.0 C	Humidity:	49 /0	Authospheric Flessure.	IUIKFa
- 00		1-01-	D/ .	16.	-V-

·	dr. You	Dr. 15.	.V.	"Ofe.	VILLE	rek	VUP
		TM1 / B	and: 5150-52	250 MHz / BV	V: 20 / L		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5150.00	37.10	15.99	53.09	68.20	-15.11 nb°	Н	Peak
5150.00	39.20	15.99	55.19 nb0	68.20	13.01	upole. A	Peak
5150.00	27.01	15.99	43.00	54.00	-11.00	Aupolek	AVG
5150.00	o ^{tek} 29.09 knh	15.99	45.08	54.00	-8.92	Notek	AVG
		TM1 / B	and: 5150-52	250 MHz / BV	V: 20 / H		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5250.00	37.52	16.43	53.95 NO	68.20 And	-14.25	^{upotek} H	Peak
5250.00	40.54 nbox	16.43	56.97	68.20	-11.23	N.	Peak
5250.00	28.89	ove ¹ 16.43	45.32	54.00	-8.68	AUD H FOR	AVG
5250.00 pm	29.74	16.43	46.17	54.00	-7.83	Woot	AVG

Remark:

- 1. Result=Reading + Factor
- 2. During the test, all antenna chains has been tested, and only worst case (ANT1) data is listed in the report.

V Up		ak abo		N. a.	-0/6	VILLE	191
		TM2 / B	and: 5150-52	250 MHz / BV	V: 20 / L		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5150.00	36.00	15.99	51.99	68.20	-16.21	H Aupol	Peak
5150.00	37.43	15.99	53.42	68.20 ⁰⁰⁰⁰⁰⁰	-14.78	otek V As	Peak
5150.00	26.72	15.99	42.71	over 54.00 pm	-11.29	H	AVG
5150.00	27.70	15.99 knb	43.69	54.00	10.31	And Vick	AVG
		TM2 / B	and: 5150-52	250 MHz / BW	V: 20 / H		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5250.00	37.85	16.43	54.28	68.20 mol	-13.92	Н	Peak
5250.00	38.86	16.43	55.29	68.20	12.91	Word A	Peak
5250.00	27.89	16.43	44.32	54.00	-9.68	Hodan	AVG
5250.00	ntek 29.38 not	16.43	45.81	54.00	-8.19	Votek	AVG
	(MHz) 5150.00 5150.00 5150.00 5150.00 Frequency (MHz) 5250.00 5250.00	(MHz) (dBuV) 5150.00 36.00 5150.00 37.43 5150.00 26.72 5150.00 27.70 Frequency (MHz) Frequency (dBuV) 5250.00 37.85 5250.00 38.86 5250.00 27.89	Frequency (MHz) (dBuV) (dB/m) 5150.00 36.00 15.99 5150.00 37.43 15.99 5150.00 26.72 15.99 5150.00 27.70 15.99 Frequency (MHz) (dBuV) (dB/m) 5250.00 37.85 16.43 5250.00 27.89 16.43	Frequency (MHz) Reading (dBuV) Factor (dB/m) Result (dBuV/m) 5150.00 36.00 15.99 51.99 5150.00 37.43 15.99 53.42 5150.00 26.72 15.99 42.71 5150.00 27.70 15.99 43.69 TM2 / Band: 5150-52 Frequency (MHz) (dBuV) (dB/m) (dBuV/m) 5250.00 37.85 16.43 54.28 5250.00 38.86 16.43 55.29 5250.00 27.89 16.43 44.32	Frequency (MHz) Reading (dBuV) Factor (dB/m) Result (dBuV/m) Limit (dBuV/m) 5150.00 36.00 15.99 51.99 68.20 5150.00 37.43 15.99 53.42 68.20 5150.00 26.72 15.99 42.71 54.00 5150.00 27.70 15.99 43.69 54.00 TM2 / Band: 5150-5250 MHz / BW Frequency (MHz) (dBuV) (dB/m) (dB/m) (dBuV/m) Limit (dBuV/m) 5250.00 37.85 16.43 54.28 68.20 5250.00 38.86 16.43 55.29 68.20 5250.00 27.89 16.43 44.32 54.00	(MHz) (dBuV) (dB/m) (dBuV/m) (dBuV/m) (dBuV/m) 5150.00 36.00 15.99 51.99 68.20 -16.21 5150.00 37.43 15.99 53.42 68.20 -14.78 5150.00 26.72 15.99 42.71 54.00 -11.29 5150.00 27.70 15.99 43.69 54.00 -10.31 TM2 / Band: 5150-5250 MHz / BW: 20 / H Frequency (MHz) (dBuV) (dB/m) (dB/m) (dB/m) (dBuV/m) (dBuV/m) (dB) Over limit (dBuV/m) (dB) 5250.00 37.85 16.43 54.28 68.20 -13.92 5250.00 38.86 16.43 55.29 68.20 -12.91 5250.00 27.89 16.43 44.32 54.00 -9.68	Frequency (MHz) Reading (dBuV) Factor (dB/m) Result (dBuV/m) Limit (dBuV/m) Over limit (dB) Antenna Pol. 5150.00 36.00 15.99 51.99 68.20 -16.21 H 5150.00 37.43 15.99 53.42 68.20 -14.78 V 5150.00 26.72 15.99 42.71 54.00 -11.29 H 5150.00 27.70 15.99 43.69 54.00 -10.31 V TM2 / Band: 5150-5250 MHz / BW: 20 / H Frequency (MHz) (dB/m) (dB/m) (dB/m) (dB/m) (dB/m) (dB/m) Over limit (dB/m) (dB/m) Antenna Pol. 5250.00 37.85 16.43 54.28 68.20 -13.92 H 5250.00 38.86 16.43 55.29 68.20 -12.91 V 5250.00 27.89 16.43 44.32 54.00 -9.68 H

Remark:

- 1. Result=Reading + Factor
- During the test, SISO and MIMO modes have been tested, and only worst case (MIMO) data is listed in the report. in the report.





Vie.	VLI	Vo	2000	4	V	"O'C A	**			
TM2 / Band: 5150-5250 MHz / BW: 40 / L										
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector			
5150.00	36.61	15.99	52.60	68.20	-15.60	Hopotek	Peak			
5150.00	38.44	15.99	54.43	68.20	-13.77	A. A.	rek Peak And			
5150.00	27.19	15.99	43.18	54.00	-10.82 nb0	Н	AVG			
5150.00	28.80	15.99,000	44.79	54.00	10010 - 9.21	upole. A	AVG			
6		TM2 / B	and: 5150-52	250 MHz / BV	V: 40 / H					
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector			
5250.00	38.17	16.43	54.60	68.20	-13.60	HAND	Peak			
5250.00	37.00	16.43	53.43	68.20	-14.77	otek A Vup	Peak			
5250.00	28.44	16.43	44.87	54.00 Mab	-9.13	H	AVG			
5250.00	29.66	16.43 nbo	46.09	54.00	nbole 7.91	Yupa Ak	AVG			

Remark:

- 1. Result=Reading + Factor
- 2. During the test, SISO and MIMO modes have been tested, and only worst case (MIMO) data is listed in the report.

VUC	1SK	" Upo	Ya.	holo	D.		View VU				
	TM3 / Band: 5150-5250 MHz / BW: 20 / L										
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector				
5150.00	37.08	15.99	53.07	68.20	-15.13	AupH Ok	Peak				
5150.00	38.85	15.99	54.84	68.20	-13.36	Niporg	Peak				
5150.00	26.63	15.99	42.62	54.00	-11.38	H Anbol	AVG				
5150.00	28.87	15.99	44.86	54.00	-9.14	otek V A	o ^{otel} AVG				
		TM3 / B	and: 5150-52	250 MHz / BV	V: 20 / H						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector				
5250.00	37.95	16.43	54.38	68.20	-13.82	Hupolek	Peak				
5250.00	38.19	16.43	54.62	68.20	-13.58	V 50	ιο ^κ Peak _{Απ} ος				
5250.00	27.89	16.43	44.32	54.00	ek -9.68 noo	Н	AVG				
5250.00	28.50	16.43	44.93	54.00	-9.07	ipolek V P	AVG				

- 1. Result=Reading + Factor
- 2. During the test, SISO and MIMO modes have been tested, and only worst case (MIMO) data is listed in the report.







VUD	You	2000		v "0/8	VIII.		I.C.K					
	TM3 / Band: 5150-5250 MHz / BW: 40 / L											
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector					
5150.00	36.02	15.99	52.01	68.20	-16.19	Anthone	Peak					
5150.00	36.42	15.99	52.41	68.20	-15.79	Nupole	Peak					
5150.00	26.26	15.99	42.25	54.00	-11.75	iek H Anbe	AVG AND					
5150.00	26.94	15.99	42.93	54.00 mo	-11.07	Nek V	nbot AVG					
		TM3 / B	and: 5150-52	250 MHz / BV	V: 40 / H							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector					
5250.00	38.14	16.43	54.57	68.20	-13.63	H above	Peak					
5250.00	37.25	16.43	53.68	68.20	-14.52	V	New Peak					
5250.00	27.56	16.43	43.99	54.00	10.01 And	H VUL	AVG					
5250.00	27.64	16.43	44.07	54.00 And	-9.93	Notek V	AVG					

Remark:

- 1. Result=Reading + Factor
 2. During the test, SISO and MIMO modes have been tested, and only worst case (MIMO) data is listed in the report.

	TM3 / Band: 5150-5250 MHz / BW: 80 / L										
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector				
5150.00	ek 36.09 _{kn} bo	15.99 Anb.	52.08	68.20	-16.12	Hek	Peak				
5150.00	36.59	15.99	52.58	68.20	-15.62	V. V Olek	Peak				
5150.00	26.74	15.99	42.73	54.00	-11.27	And	AVG NOO				
5150.00	26.95	15.99	42.94	54.00	-11.06,00 ¹⁰	V Anbox	AVG				
		TM3 / B	and: 5150-52	250 MHz / BV	V: 80 / H						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector				
5250.00	38.45	16.43	54.88	68.20	-13.32	AnH	Peak				
5250.00	37.57	16.43	54.00	68.20	-14.20	Kupole	Peak				
5250.00	28.98	16.43	45.41	54.00	-8.59	ek H nbo	AVG And				
5250.00	28.22	16.43	44.65	54.00	-9.35 And	V	AVG				

- 1. Result=Reading + Factor
- 2. During the test, SISO and MIMO modes have been tested, and only worst case (MIMO) data is listed in the report.







VUm	100	~0~		v ~ ~ ~	<i>b</i> ,		18"				
	TM4 / Band: 5150-5250 MHz / BW: 20 / L										
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector				
5150.00	37.15	15.99	53.14	68.20	-15.06	Anthone	Peak				
5150.00	38.93	15.99	54.92	68.20	-13.28	Nupoter	Peak				
5150.00	26.67	15.99	42.66	54.00	-11.34	iek H Anbe	AVG AND				
5150.00	28.93	15.99	44.92	54.00 mo	-9.08	Nek V	nbote AVG				
		TM4 / B	and: 5150-52	250 MHz / BV	V: 20 / H						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector				
5250.00	37.99	16.43	54.42	68.20	-13.78	H above	Peak				
5250.00	38.23	16.43	54.66	68.20	-13.55	V	vek Peak wh				
5250.00	27.94	16.43	44.37	54.00	-9.63 nb	H VUL	AVG				
5250.00	28.57	16.43	45.00 nbo	54.00	-9.00	NotekV	AVG				

Remark:

- 1. Result=Reading + Factor
 2. During the test, SISO and MIMO modes have been tested, and only worst case (MIMO) data is listed in the report.

200	h. /r	"Olo	Vien	101	· VUD		10.				
	TM4 / Band: 5150-5250 MHz / BW: 40 / L										
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector				
5150.00	36.08	15.99	52.07	68.20	-16.13	AUDH	Peak				
5150.00	36.46	15.99	52.45	68.20	-15.75	Molek	Peak				
5150.00	26.35	15.99	42.34	54.00	-11.66	H NOO'	AVG				
5150.00	27.00	15.99	42.99	54.00	-11.01	Yek V	ove ^X AVG				
		TM4 / B	and: 5150-52	250 MHz / BW	V: 40 / H						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector				
5250.00	38.20	16.43	54.63	68.20	-13.58	H hotek	Peak				
5250.00	37.29	16.43	53.72	68.20	-14.48	V.	Peak no				
5250.00	27.60	16.43	44.03	54.00	-9.97 ₀₀ 0	iek H Wupe	AVG				
5250.00	27.73	16.43	44.16	54.00 mb 6	-9.84	MOTER V	AVG				

- 1. Result=Reading + Factor
- 2. During the test, SISO and MIMO modes have been tested, and only worst case (MIMO) data is listed in the report.







Anbotek

Report No.:1813C40076012504 FCC ID:2ABC5-E0076

VUD	40.	2000	br.	v '~0'%	V.		I.C.K					
	TM4 / Band: 5150-5250 MHz / BW: 80 / L											
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector					
5150.00	36.13 And	15.99	52.12	68.20	-16.08	Anthone	Peak					
5150.00	36.67	15.99	52.66	68.20	-15.54	Nupole	Peak					
5150.00	26.83	15.99	42.82	54.00	-11.18	iek H Anbe	AVG AND					
5150.00	27.01	15.99	43.00	54.00 mo	-11.00	Nek V	nbot AVG					
		TM4 / B	and: 5150-52	250 MHz / BV	V: 80 / H							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector					
5250.00	38.53	16.43	54.96	68.20	-13.24	H above	Peak					
5250.00	37.63	16.43	54.06	68.20	-14.14	V	tek Peak Ant					
5250.00	29.08	16.43	45.51	54.00	10 -8.50 NO	H VUD	AVG					
5250.00	28.28	16.43	44.71 nbo	54.00	-9.29	Notek V	AVG					

Remark:

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- 1. Result=Reading + Factor
 - 2. During the test, SISO and MIMO modes have been tested, and only worst case (MIMO) data is listed in the report.

Anbolek





VUm	100	- 40		v ~ 0 ~	12.		76. V.				
	TM1 / Band: 5725-5850 MHz / BW: 20 / L										
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector				
5725.00	38.27	16.37	54.64	68.20	-13.56	Anthone	Peak				
5725.00	39.69	16.37	56.06	68.20	-12.14	Nupole	Peak				
5725.00	29.11	16.70	45.81	54.00	-8.19	iek H Anbe	AVG AND				
5725.00	30.23	16.70	46.93	54.00 mo	-7.07 And	Nek V	nbote AVG				
		TM1 / B	and: 5725-58	350 MHz / BV	V: 20 / H						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector				
5850.00	39.24	Anb 17.21	56.45	68.20	-11.75	H above	Peak				
5850.00	39.62	17.21	56.83	68.20	-11.37	V	vek Peak wh				
5850.00	29.20	17.21	46.41	54.00	1.59 nb	H VUL	AVG				
5850.00	29.20	17.21	46.41 nbo	54.00 And	-7.59	obote ^K V	AVG				

Remark:

- 1. Result=Reading + Factor
 - 2. During the test, all antenna chains has been tested, and only worst case (ANT1) data is listed in the report.

- 02		70.		760	V11.		10.				
	TM2 / Band: 5725-5850 MHz / BW: 20 / L										
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector				
5725.00	38.26	17.05	55.31	68.20	-12.89	AUDHER	Peak				
5725.00	38.86	17.05	55.91	68.20	-12.29	Kupojek	Peak				
5725.00	27.65	17.05	44.70	54.00	-9.30	H nbol	AVG And O				
5725.00	28.21	17.05	45.26	54.00 bole	-8.74	-10k V	ove ^k AVG N				
		TM2 / B	and: 5725-58	350 MHz / BV	V: 20 / H						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector				
5850.00	37.48	17.21	54.69	68.20	-13.51	H Notek	Peak				
5850.00	38.06	17.21	55.27	68.20	-12.93	V	Peak no				
5850.00	27.78	17.21	44.99	54.00	-9.01 ₀₀ 0	ek H Anbo	AVG				
5850.00	28.57	17.21	45.78	54.00	-8.22	botek V P	nbole AVG				
" "b"		νο.,	by.		V.O. V.	11-	400				

- 1. Result=Reading + Factor
- 2. During the test, SISO and MIMO modes have been tested, and only worst case (MIMO) data is listed in the report.







VUP		· upo	A	V	"OLO V					
TM2 / Band: 5725-5850 MHz / BW: 40 / L										
Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector				
37.84	17.05	54.89	68.20	-13.31	Hobotek	Peak				
38.74	17.05	55.79	68.20	-12.41	V V	rek Peak And				
27.13	17.05	44.18	54.00	-9.82 M	H	AVG				
28.45	17.05 hove	45.50 nbo	54.00	1016 × 8.50	Upole A	AVG				
	TM2 / B	and: 5725-58	350 MHz / BV	V: 40 / H						
Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector				
38.20	17.21	55.41	68.20	-12.79	HAnn	Peak				
38.55	17.21	55.76	68.20	-12.44	otek A Vup	Peak				
28.38	17.21	45.59	54.00 Mab	-8.41	H	AVG				
29.44	17.21 nbo	46.65	54.00	-7.35	rups Ar	AVG				
	(dBuV) 37.84 38.74 27.13 28.45 Reading (dBuV) 38.20 38.55 28.38	Reading (dBuV) (dB/m) 37.84 17.05 38.74 17.05 27.13 17.05 28.45 17.05 TM2 / B Reading (dBuV) (dB/m) 38.20 17.21 38.55 17.21 28.38 17.21	Reading (dBuV) Factor (dB/m) Result (dBuV/m) 37.84 17.05 54.89 38.74 17.05 55.79 27.13 17.05 44.18 28.45 17.05 45.50 TM2 / Band: 5725-58 Reading (dBuV) Factor (dB/m) Result (dBuV/m) 38.20 17.21 55.41 38.55 17.21 55.76 28.38 17.21 45.59	Reading (dBuV) Factor (dB/m) Result (dBuV/m) Limit (dBuV/m) 37.84 17.05 54.89 68.20 38.74 17.05 55.79 68.20 27.13 17.05 44.18 54.00 28.45 17.05 45.50 54.00 TM2 / Band: 5725-5850 MHz / BV Reading (dBuV) Result (dBuV/m) Limit (dBuV/m) 38.20 17.21 55.41 68.20 38.55 17.21 55.76 68.20 28.38 17.21 45.59 54.00	Reading (dBuV) Factor (dB/m) Result (dBuV/m) Limit (dBuV/m) Over limit (dB) 37.84 17.05 54.89 68.20 -13.31 38.74 17.05 55.79 68.20 -12.41 27.13 17.05 44.18 54.00 -9.82 28.45 17.05 45.50 54.00 -8.50 TM2 / Band: 5725-5850 MHz / BW: 40 / H Reading (dBuV) Result (dBuV/m) Cyer limit (dBuV/m) Cyer limit (dBuV/m) 38.20 17.21 55.41 68.20 -12.79 38.55 17.21 55.76 68.20 -12.44 28.38 17.21 45.59 54.00 -8.41	Reading (dBuV) Factor (dB/m) Result (dBuV/m) Limit (dBuV/m) Over limit (dB) Antenna Pol. 37.84 17.05 54.89 68.20 -13.31 H 38.74 17.05 55.79 68.20 -12.41 V 27.13 17.05 44.18 54.00 -9.82 H 28.45 17.05 45.50 54.00 -8.50 V TM2 / Band: 5725-5850 MHz / BW: 40 / H Reading (dBuV) Result (dBuV/m) Cover limit (dBuV/m) Antenna Pol. 38.20 17.21 55.41 68.20 -12.79 H 38.55 17.21 55.76 68.20 -12.44 V 28.38 17.21 45.59 54.00 -8.41 H				

Remark: 1. Result=Reading + Factor

OLC. VII		16/2	" Up "	1/2	100,-	br.	
		TM3 / B	and: 5725-58	350 MHz / BV	N: 20 / L		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5725.00	37.46	17.05	54.51 And	68.20 And	-13.69	nbore H	Peak
5725.00	× 37.57 _{Anbo}	17.05	54.62	68.20	-13.58	Nek	Peak
5725.00	28.36	17.05	45.41	54.00	-8.59	Hotek	AVG
5725.00	29.21	17.05	46.26	54.00	-7.74	V vol	AVG _{Anbol}
		TM3 / B	and: 5725-58	350 MHz / BV	V: 20 / H		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5850.00	38.20	17.21 And	55.41	68.20	-12.79	H.ek	Peak
5850.00	39.07	17.21	56.28	68.20	-11.92	AUD.	Peak
5850.00	28.06	17.21	45.27	54.00	-8.73	Hupole	AVG
5850.00	29.17	17.21	46.38	54.00	-7.62	ek V nbo	AVG And
. 0.7-	12/4	78V	* U.A.		- V V V	The second secon	

Remark:

Anbotek

- 1. Result=Reading + Factor
- 2. During the test, SISO and MIMO modes have been tested, and only worst case (MIMO) data is listed in the report.







VUD	You	2000	by.	v ~ ~ ~ ~ ~	V.		I.C.K					
	TM3 / Band: 5725-5850 MHz / BW: 40 / L											
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector					
5725.00	36.40	17.05	53.45	68.20	-14.75	ATH H	Peak					
5725.00	37.89	17.05	54.94	68.20	-13.26	Nupoles	Peak					
5725.00	27.64	17.05	44.69	54.00	-9.31	ick H Anbo	AVG AND					
5725.00	28.31	17.05	45.36	54.00 mo	-8.64	Vek V	nbot AVG					
		TM3 / B	and: 5725-58	350 MHz / BV	V: 40 / H							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector					
5850.00	37.74	Anb 17.21	54.95	68.20	-13.25	H above	Peak					
5850.00	38.61	17.21	55.82	68.20	-12.38	V	New Peak					
5850.00	27.75	17.21	44.96	54.00	104 _nb	H VUL	AVG					
5850.00	27.40	17.21	44.61 NO	54.00	-9.39	Valorek	AVG					

Remark: 1. Result=Reading + Factor

N.		181	1/2	40.	200		1.010				
	TM3 / Band: 5725-5850 MHz / BW: 80 / L										
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector				
5725.00	35.67	17.05	52.72	68.20	-15.48	otek H An	Peak				
5725.00	37.22	17.05	tek 54.27 And	68.20 And	-13.93	Vojoda	Peak				
5725.00	26.73 nbo	17.05	43.78	54.00	-10.22	Hek	AVG				
5725.00	27.26	17.05	44.31	54.00	-9.69	V Polek	AVG				
Ś		TM3 / B	and: 5725-58	350 MHz / BV	V: 80 / H						
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector				
5850.00	37.77 over	17.21	54.98	ote* 68.20 An	-13.22	H	Peak				
5850.00	38.03	tek 17.21 And	55.24 And	68.20	-12.96	Anbo V	Peak				
5850.00	28.21 And	17.21	45.42	54.00	-8.58	AUH.	AVG				
5850.00	28.39	17.21	45.60	54.00	-8.40	Vapolek	AVG				

- 1. Result=Reading + Factor
- 2. During the test, SISO and MIMO modes have been tested, and only worst case (MIMO) data is listed in the report.







Anbotek

Report No.:1813C40076012504 FCC ID:2ABC5-E0076

V1.	101	- 40		r ~ ~ ~ ~	Pr.		16. V
		TM4 / B	and: 5725-58	350 MHz / BV	V: 20 / L		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5725.00	37.43	17.05	54.48	68.20	-13.72	Anth	Peak
5725.00	37.55	17.05	54.60	68.20	-13.60	Kupoter	Peak
5725.00	28.33	17.05	45.38	54.00	-8.62	iek H Anbo	AVG AND
5725.00	29.17	17.05	46.22	54.00 nbol	-7.78 And	Vek V	nbot AVG
		TM4 / B	and: 5725-58	350 MHz / BW	V: 20 / H		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5850.00	38.17	Anh 17.21	55.38	68.20	-12.82	H above	Peak
5850.00	39.04	17.21	56.25	68.20	-11.95	V	tek Peak Ant
5850.00	28.03	17.21	45.24	54.00	-8.76 nb	H YUL	AVG
5850.00	29.13	17.21	46.34	54.00 And	-7.66	Valorek	AVG AVG

Remark: 1. Result=Reading + Factor

	181	10.	40.	1000	br.	J'e.	VILLE
		TM4 / B	and: 5725-58	350 MHz / BV	V: 40 / L		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5725.00	36.37	17.05	53.42	68.20	14.78 An	H	Peak
5725.00	37.87	ek 17.05 no	54.92 And	68.20	-13.28	AnboleV	Peak
5725.00	27.61	17.05	44.66	54.00	-9.34	AUDH.	AVG
5725.00	28.29	17.05	45.34	54.00	-8.66	Mporch	AVG
C		TM4 / B	and: 5725-58	350 MHz / BV	V: 40 / H		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5850.00	37.71	17.21	54.92 NA	68.20	-13.28	nbot9H	Peak
5850.00	18.57 NO	17.21 And	55.78	68.20	-12.42	Pick	Peak
5850.00	27.72	17.21	44.93	54.00	-9.07	ATH LEK	AVG 010 K
5850.00	27.36	17.21	44.57	54.00	-9.43	Nupo	AVG

- 1. Result=Reading + Factor
- 2. During the test, SISO and MIMO modes have been tested, and only worst case (MIMO) data is listed in the report.





AND



Anbotek

Report No.:1813C40076012504 FCC ID:2ABC5-E0076

VUD.	40.	2000	by.	v ~ ~ ~ ~ ~	V.		LEK VI
		TM4 / B	and: 5725-58	350 MHz / BV	V: 80 / L		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5725.00	35.64 And	17.05	52.69	68.20	-15.51	ATH H	Peak
5725.00	37.19	17.05	54.24	68.20	-13.96	Nupoles	Peak
5725.00	26.68	17.05	43.73	54.00	-10.27	iek H Anbe	AVG And
5725.00	27.23	17.05	44.28	54.00 mo	-9.72	Vek V	nbot AVG
		TM4 / B	and: 5725-58	350 MHz / BV	V: 80 / H		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
5850.00	37.71	Anb 17.21	54.92	68.20	-13.28	H above	Peak
5850.00	37.99	17.21	55.20	68.20	-13.00	V	vek Peak vak
5850.00	28.13	17.21	45.34	54.00	dn 8.86 mb	H AUD	AVG
5850.00	28.36	17.21	45.57 nbo	54.00	-8.43	Valorek	AVG

Remark:

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- 1. Result=Reading + Factor
 - 2. During the test, SISO and MIMO modes have been tested, and only worst case (MIMO) data is listed in the report.

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8. Undesirable emission limits (below 1GHz)

47 CFR Part 15.407(b)(9)	Dole VIII	Aupores Aug
		h the general field
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490 0.490-1.705 1.705-30.0	2400/F(kHz) 24000/F(kHz)	300 30 30
30-88 88-216	100 ** 150 **	upolek 3 Aupolek
20 a		Anbote 3 Anbote
intentional radiators operatifrequency bands 54-72 MH However, operation within t sections of this part, e.g., § In the emission table above The emission limits shown employing a CISPR quasi-p 90 kHz, 110–490 kHz and a these three bands are base	ng under this section shaz, 76-88 MHz, 174-216 In these frequency bands is \$ 15.231 and 15.241. The tighter limit applies in the above table are based detector except for above 1000 MHz. Radiat	all not be located in the MHz or 470-806 MHz. spermitted under other at the band edges. ased on measurements the frequency bands 9–ed emission limits in
VUD. ISK	1274 1275	k Pupolek Pupo
Below 1GHz: a. For below 1GHz, the EU meters above the ground a was rotated 360 degrees to b. The EUT was set 3 or 10 antenna, which was mounte c. The antenna height is va ground to determine the ma	T was placed on the top t a 3 meter semi-anecho determine the position of meters away from the ired on the top of a variable ried from one meter to for eximum value of the field	ic chamber. The table of the highest radiation. Interference-receiving le-height antenna tower. Our meters above the strength. Both horizontal
d. For each suspected emis		mante and impactantina
	Unwanted emissions below strength limits set forth in § Except as provided elsewhor intentional radiator shall not following table: Frequency (MHz) 0.009-0.490 0.490-1.705 1.705-30.0 30-88 88-216 216-960 Above 960 ** Except as provided in paintentional radiators operatifications of this part, e.g., § In the emission table above The emission limits shown employing a CISPR quasifications of the emission limits shown employing a CISPR quasifications of the emission limits shown employing a CISPR quasifications of the emission limits shown employing a CISPR quasifications of the emission limits shown employing a CISPR quasifications of the emission limits shown employing a CISPR quasifications of the emission limits shown employing a CISPR quasifications of the emission limits shown employing a CISPR quasifications of the emission limits shown employing a CISPR quasifications of the emission limits shown employing a CISPR quasification in the emission limits shown employing a CISPR quasification in the emission limits shown employing a CISPR quasification in the emission limits shown employing a CISPR quasification in the emission limits shown employing a CISPR quasification in the emission limits shown employing a CISPR quasification in the emission limits shown employing a CISPR quasification in the emission limits shown employing a CISPR quasification in the emission limits shown employing a CISPR quasification in the emission limits shown employing a CISPR quasification in the emission limits shown employing a CISPR quasification in the emission limits shown employing a CISPR quasification in the emission limits shown employing a CISPR quasification in the emission limits shown employing a CISPR quasification in the emission limits shown employing a CISPR quasification in the emission limits shown employing a CISPR quasification in the emission limits shown employing a CISPR quasification in the emission limits shown employing a CISPR quasification in the emission limits shown employing a CISPR quasification	Unwanted emissions below 1 GHz must comply with strength limits set forth in § 15.209. Except as provided elsewhere in this subpart, the elintentional radiator shall not exceed the field strength following table: Frequency (MHz) Field strength (microvolts/meter) 0.009-0.490 2400/F(kHz) 0.490-1.705 24000/F(kHz) 1.705-30.0 30 30-88 100 ** 88-216 150 ** 216-960 Above 960 ** Except as provided in paragraph (g), fundamental intentional radiators operating under this section shall frequency bands 54-72 MHz, 76-88 MHz, 174-216 I However, operation within these frequency bands is sections of this part, e.g., §§ 15.231 and 15.241. In the emission table above, the tighter limit applies The emission limits shown in the above table are based employing a CISPR quasi-peak detector except for 90 kHz, 110-490 kHz and above 1000 MHz. Radiat these three bands are based on measurements emidetector. ANSI C63.10-2020, section 12.7.4, 12.7.5





then reported in a data sheet.

- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- i. Repeat above procedures until all frequencies measured was complete. Remark:
- 1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
- 2. Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
- 3. The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

Above 1GHz:

- a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak or average method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- i. Repeat above procedures until all frequencies measured was complete. Remark:
- 1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
- 2. Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
- 3. As shown in this section, for frequencies above 1GHz, the field strength







limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

4. The disturbance above 18GHz were very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

8.1. EUT Operation

Operating Environment:

1: 802.11a mode: Keep the EUT in continuously transmitting mode with 802.11a modulation type at lowest, middle and highest channel. All data rates has been tested and found the data rate @ 6Mbps is the worst case. Only the data of worst case is recorded in the report.

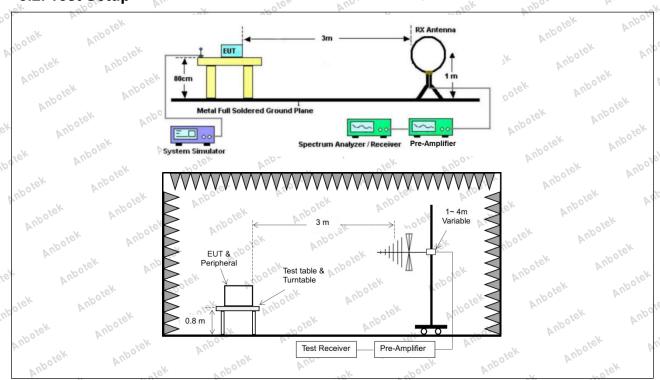
2: 802.11n mode: Keep the EUT in continuously transmitting mode with 802.11n modulation type at lowest, middle and highest channel. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.

3: 802.11ac mode: Keep the EUT in continuously transmitting mode with 802.11ac modulation type at lowest, middle and highest channel. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.

4: 802.11ax mode: Keep the EUT in continuously transmitting mode with 802.11ax modulation type at lowest, middle and highest channel. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.

8.2. Test Setup

Test mode:









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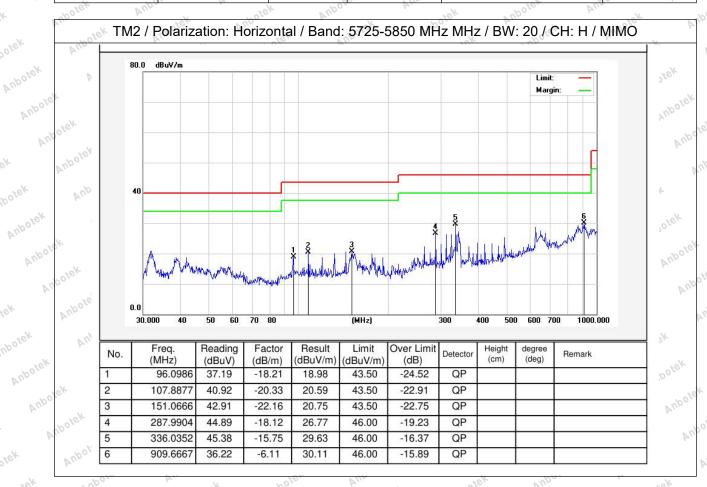
Aupolek

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8.3. 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: 24.1 °C Humidity: 57 % Atmospheric Pressure: 101 kPa	Tem	perature: 24.1 °C	"poter	Humidity:	57 %	Atmospheric P	ressure:	101 kPa	VUPO,
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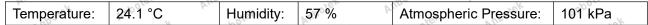


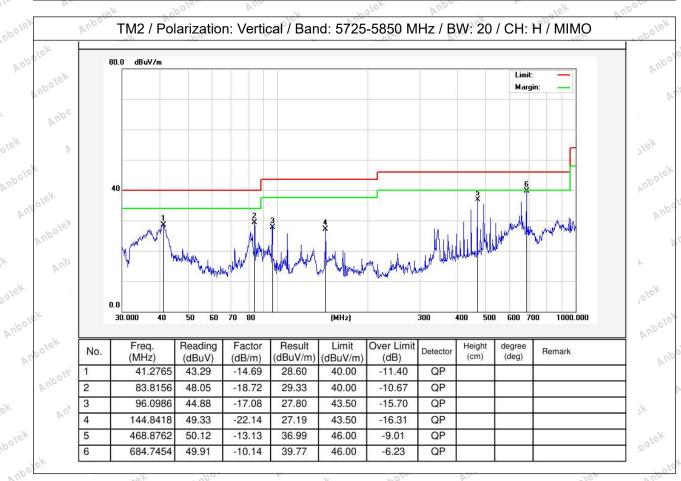


Anbolek

Anbotek

Report No.:1813C40076012504 FCC ID:2ABC5-E0076





Note:Only record the worst data in the report.

Shenzhen Anbotek Compliance Laboratory Limited



Anbotek





9. Undesirable emission limits (above 1GHz)

Stek Wul	47 CFR Part 15.407(b))(1) aboves And	you you	Sk Vupo,
Test Requirement:	- 1)(Δ) *% ((1)*/*	otek Vupor	Kotek
rest requirement.	47 CFR Part 15.407(b) 47 CFR Part 15.407(b))(10) Anbore	tek vi	poter And
D. K.	For transmitters opera	ting in the 5 15 5 25 (CHz band: All an	niccione cutcido
Kupotek Vupotek	of the 5.15-5.35 GHz b			
YUD K POICK	OI THE 3.13-3.33 GHZ I	and Shall not exceed	an e.i.i.p. oi –2	/ UDITI/IVITIZ.
and And	For transmitters opera	ting cololy in the 5.72	5 5 850 GHz ba	nd.
W. Viek Vupor	All emissions shall be			
Anbo	above or below the ba	N	O. V.	- A A
k potek An	above or below the ba			
And	edge increasing linear			
Otek Anbore	below the band edge,			
, tok	increasing linearly to a			
Anbotek Anbo	MHz MHz	MHz	MHz	GHz
All solver	0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
Aupole Air	10.495-0.505	16.69475-	608-614	5.35-5.46
Olek Aupo	0.493-0.303	16.69525	000-014 hotek	3.33-3.40
Anbo	2.1735-2.1905	16.80425-	960-1240	7.25-7.75
ak apolek V	2.1733-2.1903	16.80475	900-1240	7.25-1.13
in Bir.	4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
poiek Anbore	4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
1.	4.20725-4.20775	73-74.6	1645.5-	9.3-9.5
Anbotek Anbore	4.20723-4.20773	73-74.0 %	1646.5	9.5-9.5
W. VEK VUPOLE.	6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
Anbo	6.26775-6.26825	108-121.94	1718.8-	13.25-13.4
Pup,	0.20113-0.20023	And 1.54	1722.2	10.20-10.4
Test Limit:	6.31175-6.31225	123-138	2200-2300	14.47-14.5
lek Anbore	8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
Olek	8.362-8.366	156.52475-	2483.5-2500	17.7-21.4
abotek Aupore	NO.002-0.000	156.52525	2+00.0-2000	Arm .1-21.4
y. 'ek "poler	8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
Aupore W.	8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
"otek Aupore	12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
And	12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
k aboten And	12.57675-12.57725	322-335.4	3600-4400	(²)
K.	13.36-13.41	022-000. 1	30000-4-400	Viet Vupor
rek Aupo,	13.30-13.41	V.	abotek An	, , , , , , , , , , , , , , , , , , ,
ek hotek	1Until Echruany 1, 100	9, this restricted band	l aball ba 0 400	O ESO MINA
upole. Aug	¹ Until February 1, 199	9, triis restricted parid	i siiali be 0.490-	U.5 IU IVITZ.
y Viek Vupose.	² Above 38.6	Joiek Aup.	Polek	Anbore
Anbo	Above 38.0	"ek "upoler	And	hotek
Polek Vupe	The field strength of er	niccions annearing w	ithin these frequ	ency hands shall
V Pur Votek Vu	not exceed the limits s			
k aupore Air	1000 MHz, compliance			
, olek	using measurement in			
olek Vuo	detector. Above 1000 I			
rek abolek	15.209shall be demon			
Vupor VIII	emissions. The provisi			
"Olek Aupole	. No.	POLO VI	· Jer	VUC
And	Except as provided els	ewhere in this subpa	rt. the emissions	s from anyotek



Anbolek



Report No.:1813C40076012504 FCC ID:2ABC5-E0076

L. " " " " " " " " " " " " " " " " " " "	7/0, K.	"OFE. TUR	18K 19
holek And	VII. Viek Vuporek	Aug.	Aupo
Aug Vick Vipotek	intentional radiator shall no	t exceed the field strength levels	specified in the
Vupo, K.	following table:	rek anboiek Anbo	ok spotek
w apolek And	Frequency (MHz)	Field strength	Measurement
E.	aboter And	(microvolts/meter)	distance Moo
VEK Aupor	iek vipole.	Will Polick Vi	(meters)
, hotek	0.009-0.490	2400/F(kHz)	300
Aupoles Aug	0.490-1.705	24000/F(kHz)	30
Stek Anbore	1.705-30.0	30 And	30 Anbo
Aupo	30-88	100 ** nbotes And	3 botek
"Upoter Aug	88-216	150 **	3 Am
W. FEK WA	216-960	200 **	3 Anbore
Y Wipo, W.	Above 960	500 And	3
ok abolek	** Except as provided in pa	ragraph (g), fundamental emissi	ons from
oole VIII		ing under this section shall not b	
Lokek Aupor	, CO	Iz, 76-88 MHz, 174-216 MHz or	The state of the s
Vup. Polek		these frequency bands is permit	ed under other
upoter And	sections of this part, e.g., §		VIII
A. John		e, the tighter limit applies at the b	
Anbo		in the above table are based on	-40
k botek An		peak detector except for the freq	
W. W.	. 0.4	above 1000 MHz. Radiated emis	-7
stek Aupole	detector.	ed on measurements employing	an average
100 , 7016K	VUD. , 'SK	Though Aug	Thotek Aub
Test Method:	ANSI C63.10-2020, section	1 12.7.4, 12.7.6, 12.7.7	VI.
Work Aupole	Above 1GHz:	And	Anbo
Ando		IT was placed on the top of a rot	
"Upole" AUD		t a 3 meter fully-anechoic chamb	
P. Stok		ermine the position of the highes	t radiation
lek Aupo	. b. The EUT was set 3 mete		
		ers away from the interference-re	eceiving antenna,
iek abolek	which was mounted on the	top of a variable-height antenna	eceiving antenna, tower.
upotek Aupotek	which was mounted on the c. The antenna height is va	top of a variable-height antenna ried from one meter to four meter	eceiving antenna, tower. ers above the
Potek Aupotek	which was mounted on the c. The antenna height is va ground to determine the materials.	top of a variable-height antenna ried from one meter to four mete aximum value of the field strengt	eceiving antenna, tower. ers above the h. Both horizontal
Anbotek Anbotek	which was mounted on the c. The antenna height is va ground to determine the mand vertical polarizations or	top of a variable-height antenna ried from one meter to four mete aximum value of the field strengt f the antenna are set to make the	eceiving antenna, tower. ers above the h. Both horizontal e measurement.
Aupotek Aupotek	which was mounted on the c. The antenna height is va ground to determine the mand vertical polarizations od. For each suspected emissions of the control of	top of a variable-height antenna ried from one meter to four mete aximum value of the field strengt f the antenna are set to make the ssion, the EUT was arranged to	eceiving antenna, tower. ers above the h. Both horizontal e measurement. its worst case
Anbotek Anbotek Anbotek Anbotek	which was mounted on the c. The antenna height is va ground to determine the mand vertical polarizations od. For each suspected emisand then the antenna was a	top of a variable-height antenna ried from one meter to four mete aximum value of the field strengt f the antenna are set to make the	eceiving antenna, tower. ers above the h. Both horizontal e measurement. its worst case 4 meters (for the
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	which was mounted on the c. The antenna height is va ground to determine the mand vertical polarizations od. For each suspected emis and then the antenna was test frequency of below 300	top of a variable-height antennative from one meter to four meter aximum value of the field strength of the antenna are set to make the ssion, the EUT was arranged to tuned to heights from 1 meter to	eceiving antenna, tower. ers above the h. Both horizontal e measurement. its worst case 4 meters (for the neights 1 meter)
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	which was mounted on the c. The antenna height is va ground to determine the mand vertical polarizations od. For each suspected emis and then the antenna was test frequency of below 301 and the rotatable table was maximum reading.	top of a variable-height antennal ried from one meter to four meter aximum value of the field strengt of the antenna are set to make the ssion, the EUT was arranged to tuned to heights from 1 meter to MHz, the antenna was tuned to be turned from 0 degrees to 360 degrees to 36	eceiving antenna, tower. ers above the h. Both horizontal e measurement. its worst case 4 meters (for the neights 1 meter) egrees to find the
Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	which was mounted on the c. The antenna height is va ground to determine the mand vertical polarizations od. For each suspected emisand then the antenna was test frequency of below 301 and the rotatable table was maximum reading. e. The test-receiver system	top of a variable-height antennal ried from one meter to four meter aximum value of the field strengt of the antenna are set to make the ssion, the EUT was arranged to tuned to heights from 1 meter to MHz, the antenna was tuned to be turned from 0 degrees to 360 degrees to 360 degrees to Peak Detect Function	eceiving antenna, tower. ers above the h. Both horizontal e measurement. its worst case 4 meters (for the neights 1 meter) egrees to find the
Anbotek	which was mounted on the c. The antenna height is va ground to determine the mand vertical polarizations od. For each suspected emisand then the antenna was test frequency of below 301 and the rotatable table was maximum reading. e. The test-receiver system Bandwidth with Maximum F	top of a variable-height antennal ried from one meter to four meter aximum value of the field strengt of the antenna are set to make the ssion, the EUT was arranged to tuned to heights from 1 meter to MHz, the antenna was tuned to he turned from 0 degrees to 360 degrees to 36	eceiving antenna, tower. ers above the ch. Both horizontal e measurement. its worst case 4 meters (for the neights 1 meter) egrees to find the change of the neights 1 meter) egrees to find the change of the neights 1 meter)
Anbotek	which was mounted on the c. The antenna height is va ground to determine the mand vertical polarizations of d. For each suspected emissand then the antenna was test frequency of below 301 and the rotatable table was maximum reading. e. The test-receiver system Bandwidth with Maximum If. If the emission level of the	top of a variable-height antennal ried from one meter to four meter aximum value of the field strengt of the antenna are set to make the ssion, the EUT was arranged to tuned to heights from 1 meter to MHz, the antenna was tuned to he turned from 0 degrees to 360 degrees to 36	eceiving antenna, tower. ers above the h. Both horizontal e measurement. its worst case 4 meters (for the neights 1 meter) egrees to find the n and Specified ower than the
Procedure:	which was mounted on the c. The antenna height is variously ground to determine the mand vertical polarizations of d. For each suspected emissand then the antenna was test frequency of below 30 and the rotatable table was maximum reading. e. The test-receiver system Bandwidth with Maximum If. If the emission level of the limit specified, then testing	top of a variable-height antennal ried from one meter to four meter aximum value of the field strengt of the antenna are set to make the ssion, the EUT was arranged to tuned to heights from 1 meter to MHz, the antenna was tuned to he turned from 0 degrees to 360 degrees to 36	eceiving antenna, tower. ers above the ch. Both horizontal er measurement. eits worst case 4 meters (for the neights 1 meter) egrees to find the cover than the values of the EUT
Procedure: Anbotek	which was mounted on the c. The antenna height is varied ground to determine the mand vertical polarizations of d. For each suspected emissand then the antenna was test frequency of below 30f and the rotatable table was maximum reading. e. The test-receiver system Bandwidth with Maximum F. If the emission level of the limit specified, then testing would be reported. Otherwise	top of a variable-height antennal ried from one meter to four meter aximum value of the field strengt of the antenna are set to make the ssion, the EUT was arranged to tuned to heights from 1 meter to MHz, the antenna was tuned to be turned from 0 degrees to 360 degrees to 36	eceiving antenna, tower. ers above the ch. Both horizontal er measurement. ets worst case 4 meters (for the neights 1 meter) egrees to find the cover than the values of the EUT ve 10dB margin
Anbotek	which was mounted on the c. The antenna height is va ground to determine the mand vertical polarizations of d. For each suspected emission then the antenna was test frequency of below 30 and the rotatable table was maximum reading. e. The test-receiver system Bandwidth with Maximum If. If the emission level of the limit specified, then testing would be reported. Otherwill would be re-tested one by the state of the st	top of a variable-height antennal ried from one meter to four meter aximum value of the field strengt of the antenna are set to make the ssion, the EUT was arranged to tuned to heights from 1 meter to MHz, the antenna was tuned to he turned from 0 degrees to 360 degrees to 36	eceiving antenna, tower. ers above the ch. Both horizontal er measurement. ets worst case 4 meters (for the neights 1 meter) egrees to find the cover than the values of the EUT ve 10dB margin
Anbotek	which was mounted on the c. The antenna height is va ground to determine the mand vertical polarizations of d. For each suspected emission then the antenna was test frequency of below 30 and the rotatable table was maximum reading. e. The test-receiver system Bandwidth with Maximum If. If the emission level of the limit specified, then testing would be reported. Otherwiwould be re-tested one by and then reported in a data	top of a variable-height antennal ried from one meter to four meter aximum value of the field strengt of the antenna are set to make the ssion, the EUT was arranged to tuned to heights from 1 meter to MHz, the antenna was tuned to he turned from 0 degrees to 360 degrees to 36	eceiving antenna, tower. ers above the ch. Both horizontal e measurement. its worst case 4 meters (for the neights 1 meter) egrees to find the cover than the values of the EUT ve 10dB margin od as specified
Anbotek	which was mounted on the c. The antenna height is va ground to determine the mand vertical polarizations of d. For each suspected emission then the antenna was test frequency of below 30 and the rotatable table was maximum reading. e. The test-receiver system Bandwidth with Maximum If. If the emission level of the limit specified, then testing would be reported. Otherwiwould be re-tested one by and then reported in a data g. Test the EUT in the lowe	top of a variable-height antennal ried from one meter to four meter aximum value of the field strengt of the antenna are set to make the ssion, the EUT was arranged to tuned to heights from 1 meter to MHz, the antenna was tuned to he turned from 0 degrees to 360 degrees to 36	eceiving antenna, tower. ers above the ch. Both horizontal e measurement. its worst case 4 meters (for the neights 1 meter) egrees to find the cover than the values of the EUT ve 10dB margin od as specified
Anbotek	which was mounted on the c. The antenna height is va ground to determine the mand vertical polarizations of d. For each suspected emissand then the antenna was test frequency of below 301 and the rotatable table was maximum reading. e. The test-receiver system Bandwidth with Maximum If. If the emission level of the limit specified, then testing would be reported. Otherwiwould be re-tested one by and then reported in a data g. Test the EUT in the lowe channel.	top of a variable-height antennal ried from one meter to four meter aximum value of the field strengt of the antenna are set to make the ssion, the EUT was arranged to tuned to heights from 1 meter to MHz, the antenna was tuned to he turned from 0 degrees to 360 degrees to 36	eceiving antenna, tower. ers above the ch. Both horizontal er measurement. ets worst case 4 meters (for the neights 1 meter) egrees to find the cover than the evalues of the EUT ve 10dB margin od as specified the Highest
Anbotek	which was mounted on the c. The antenna height is va ground to determine the mand vertical polarizations of d. For each suspected emissand then the antenna was test frequency of below 301 and the rotatable table was maximum reading. e. The test-receiver system Bandwidth with Maximum If. If the emission level of the limit specified, then testing would be reported. Otherwiwould be re-tested one by and then reported in a data g. Test the EUT in the lower channel. h. The radiation measurem	top of a variable-height antennal ried from one meter to four meter aximum value of the field strengt of the antenna are set to make the ssion, the EUT was arranged to tuned to heights from 1 meter to MHz, the antenna was tuned to he turned from 0 degrees to 360 degrees to 36	eceiving antenna, tower. ers above the ch. Both horizontal er measurement. ets worst case 4 meters (for the neights 1 meter) egrees to find the company of the EUT we 10dB margin od as specified the Highest es positioning for
Anbotek Anbotek	which was mounted on the c. The antenna height is va ground to determine the mand vertical polarizations of d. For each suspected emission then the antenna was test frequency of below 30 and the rotatable table was maximum reading. e. The test-receiver system Bandwidth with Maximum If. If the emission level of the limit specified, then testing would be reported. Otherwiwould be re-tested one by and then reported in a data g. Test the EUT in the lower channel. h. The radiation measurem Transmitting mode, and four	top of a variable-height antennal ried from one meter to four meter aximum value of the field strengt of the antenna are set to make the ssion, the EUT was arranged to tuned to heights from 1 meter to MHz, the antenna was tuned to he turned from 0 degrees to 360 degrees to 36	eceiving antenna, tower. ers above the ch. Both horizontal er measurement. ets worst case 4 meters (for the neights 1 meter) egrees to find the company of the EUT we 10dB margin od as specified the Highest es positioning for
Anbotek	which was mounted on the c. The antenna height is va ground to determine the mand vertical polarizations of d. For each suspected emission then the antenna was test frequency of below 30 and the rotatable table was maximum reading. e. The test-receiver system Bandwidth with Maximum If. If the emission level of the limit specified, then testing would be reported. Otherwis would be re-tested one by and then reported in a data g. Test the EUT in the lower channel. h. The radiation measurem Transmitting mode, and for case.	top of a variable-height antennal ried from one meter to four meter aximum value of the field strengt of the antenna are set to make the ssion, the EUT was arranged to tuned to heights from 1 meter to MHz, the antenna was tuned to he turned from 0 degrees to 360 degrees to 36	eceiving antenna, tower. ers above the ch. Both horizontal er measurement. its worst case 4 meters (for the neights 1 meter) egrees to find the mand Specified ower than the values of the EUT ve 10dB margin od as specified the Highest is positioning for it is the worst







- 1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
- 2. Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
- 3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.
- 4. The disturbance above 18GHz were very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

9.1. EUT Operation

Operating Environment:

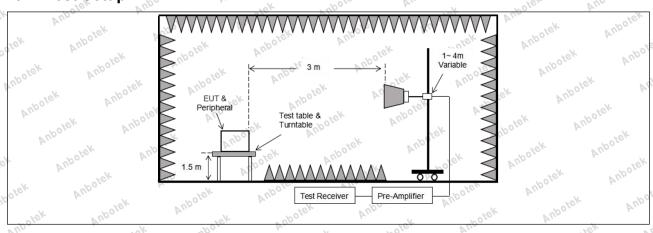
1: 802.11a mode: Keep the EUT in continuously transmitting mode with 802.11a modulation type at lowest, middle and highest channel. All data rates has been tested and found the data rate @ 6Mbps is the worst case. Only the data of worst case is recorded in the report.

2: 802.11n mode: Keep the EUT in continuously transmitting mode with 802.11n modulation type at lowest, middle and highest channel. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.

Test mode:

- 3: 802.11ac mode: Keep the EUT in continuously transmitting mode with 802.11ac modulation type at lowest, middle and highest channel. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.
- 4: 802.11ax mode: Keep the EUT in continuously transmitting mode with 802.11ax modulation type at lowest, middle and highest channel. All bandwidth and data rates has been tested and found the data rate @ MCS0 is the worst case. Only the data of worst case is recorded in the report.

9.2. Test Setup







9.3. Test Data

Temperature:	24.8 °C	Humidity:	49 %	Atmospheric Pressure:	101 kPa	
	=,				V	

	AN. Y 444	TM1 / Ban	d: 5150-525	0 MHz / BW:	20 / CH: L		12.7
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
10360.00	31.43	23.81	55.24	68.20	-12.96 _M	A V	Peak
15540.00	32.72	28.68	61.40 nool	68.20	-6.80	upotek V	Peak
10360.00	31.76	23.81	55.57	68.20	-12.63	~°H.	Peak
15540.00	32.82	28.68 M	61.50	68.20	-6.70	Aug H rek	Peak
10360.00	20.772	23.81	44.58	54.00	-9.42	PD,	AVG
15540.00	21.816	28.68	50.50	54.00	-3.50	· VAnbore	AVG
10360.00	20.949	23.81	44.76	54.00	-9.24	Yek H N	otek AVG An
15540.00	21.528	28.68	50.21	54.00	-3.79 And	Н	AVG
		TM1 / Ban	d: 5150-5250	MHz / BW:	20 / CH: M		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
10400.00	30.79	23.81	54.60	68.20	-13.60	No	Peak
15600.00	32.25	29.13	61.38	68.20	-6.82	k A Vupor	Peak
10400.00	31.25	23.81	55.06	68.20	-13.14	, H	Peak
15600.00	32.34	29.13	61.47	68.20	otek -6.73 An	H	Peak
10400.00	21.042	23.81	44.85 And	54.00	-9.15	Aupolo	AVG
15600.00	21.936	29.13	51.07	54.00	-2.93	Nek	AVG
10400.00	20.939	23.81	44.75	54.00	-9.25	H ~otek	AVG
15600.00	21.608	29.13	50.74	54.00	-3.26	And	AVG NO
		TM1 / Ban	d: 5150-5250	MHz / BW:	20 / CH: H		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
10480.00	30.36	23.80	54.16 An	68.20	-14.04	Anbote	Peak
15720.00	^{6k} 31.73 Anb ^c	30.03	61.76	68.20	-6.44	Pick	Peak
10480.00	30.89	23.80	54.69	68.20	-13.51	H Nek	Peak
15720.00	31.25	30.03	61.28	68.20	-6.92	H	Peak
10480.00	19.71	23.80	43.51	54.00	-10.49	ick A Vup.	AVG
15720.00	20.70	30.03	50.73	54.00	-3.27	votek V	nb ^{oto} AVG
10480.00	20.15	23.80	43.95	54.00	-10.05	H	AVG
15720.00	20.40	10.03 NO	50.43 A	54.00	-3.57	AupoH	AVG

Remark:

- 1. Result =Reading + Factor
- 2. Only the worst case (802.11n(HT20) MIMO) is recorded in the report.
 - 3. Test frequency are from 1GHz to 40GHz, the amplitude of spurious emissions which are attenuated more than 20 dB below the limits are not reported.





VUD	You	7000	br.	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	Si. VUS		, ek
		TM1 / Ban	d: 5725-585	MHz / BW:	20 / CH: L		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
11490.000	28.66	23.36	52.02	68.20	-16.18	VUA.	Peak
17235.000	30.12	31.97	62.09	68.20	-6.11	Vabotek	Peak
11490.000	29.28	23.36	52.64	68.20	-15.56	, Н	rek Peak no
17235.000	30.29	31.97	62.26	68.20	ek -5.94 no	H And	Peak
11490.000	18.07	23.36	41.43,00 ¹	54.00	-12.57	"polek A	AVG
17235.000	18.94	31.97	50.91	54.00	-3.09	N.	AVG
11490.000	18.31	23.36 M	41.67	54.00	-12.33	And H Lek	AVG
17235.000	18.19	31.97	50.16	54.00	-3.84	₽H ^o	AVG
		TM1 / Ban	d: 5725-5850	MHz / BW:	20 / CH: M		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
11570.000	29.24	23.42	× 52.66 , %	68.20	-15.54	Valorek	Peak
17355.000	30.00	32.18	62.18	68.20	-6.02	N.	Peak
11570.000	29.48	23.42	52.90	68.20	-15.30	Anoth Lok	Peak
17355.000	30.38	32.18	62.56	68.20	-5.64	Hpore	Peak
11570.000	19.339	23.42	42.76	54.00	-11.24	k A Vupor	AVG
17355.000	19.265	32.18	51.44	54.00	-2.56	V	AVG
11570.000	19.302	23.42	42.72	54.00	√e ^X -11.28 ∧n	H	AVG
17355.000	18.573	32.18	50.75 And	54.00	-3.25	nboie H	AVG
		TM1 / Ban	d: 5725-5850	MHz / BW:	20 / CH: H		
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
11650.000	28.75	23.49	52.24	68.20	-15.96	odn V No	Peak And
17475.000	30.24	32.39	62.63	68.20	-5.57	V	Peak
11650.000	29.22	23.49	52.71	68.20	~~15.49 N	Pole H	Peak
17475.000	29.99	32.39	10 62.38 AN	68.20	-5.82	A Plode	Peak
11650.000	ek 18.41 noc	23.49	41.90	54.00	-12.10	Potek	AVG
17475.000	19.06	32.39	51.45	54.00	-2.55	N Nek	AVG, o
11650.000	18.48	23.49	41.97	54.00	-12.03	H _{vpo} ,	AVG
17475.000	18.54	32.39	50.93	54.00	-3.07	tek H Anb	AVG

Remark:

- 1. Result =Reading + Factor
- 2. Only the worst case (802.11n(HT20) MIMO) is recorded in the report.
- 3. 3. Test frequency are from 1GHz to 40GHz, the amplitude of spurious emissions which are attenuated more than 20 dB below the limits are not reported.



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APPENDIX I -- TEST SETUP PHOTOGRAPH

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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

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----- End of Report

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