

NCC RADIO TEST REPORT

Product name	ANAFI USA
Applicant	PARROT DRONES SAS
Manufacture	PARROT DRONES SAS
Rating(s)	DC5V from adapter or DC11.55V from battery
Trademark	Parrot
Model and/or type reference	anamk3
Standard	LP0002:2020
Test Result	PASS

Date of receipt : 03-15-2021

Date of Issue : 04-30-2021

signature :



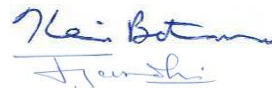
NCC RADIO TEST REPORT

Report Reference No.: M210430N04-02

Compiled by (+ signature)..... Kevin Bothmann

Approved by (+ signature)..... Jay Gandhi

Date of issue: 2021-04-30



Applicant's name.....: PARROT DRONES SAS

Address.....: 174-178quai de Jemmapes75010 Paris France

Manufacture's Name.....: PARROT DRONES SAS

Address.....: 174-178quai de Jemmapes75010 Paris France

Test specification:

Standard.....: LP0002:2020

Test procedure.....: EIA 603 、 ANSI 、 FCC/47 CFR/2.1046 、 2.1047 、 2.1049 、 2.1051 、 2.1053 and 2.1055

Non-standard testmethod.....: N/A

Test item description

Product name: ANAFI USA

Trademark.....: Parrot

Model and/or type reference: anamk3

Rating(s): DC5V from adapter or DC11.55V from battery

Testing Laboratory information:

Testing Laboratory Name: Electro Magnetic Test, Inc.

Address: 1547 Plymouth Street, Mountain View, CA 94043

CAB Identifier Number.....: US0036

Tel.....: (650) 965-4000

Fax.....: (650) 965-3000

E-mail.....: jgandhi@emtlabs.com

Testing.....:

Date of receipt of test item.....: Mar. 15, 2021

Date (s) of performance of tests.....: Mar. 15~ Apr. 25, 2021

Date of Issue: Apr. 30, 2021

Test Result.....: **Pass**

GENERAL REPORT SUMMARY

This electromagnetic emission test report is generated by Electro Magnetic Test, Inc., which is an independent testing and consulting firm. The test report is based on testing performed Electro Magnetic Test, Inc. personnel according to the measurement procedure described in the test specification given below and in the "Test Procedures" section of this report.

The measurement data and conclusions appearing herein relate only to the sample tested and this report may not be reproduced in any form unless done so in full.

This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Federal Government.

Electro Magnetic Test, Inc. is recognized by the following agencies for performing EMI/EMC testing:

COUNTRY	AGENCY	IDENTIFYING #
USA	Federal Communications Commission (FCC) (EMT's test site is recognized by the FCC)	Registration Number: 90576
USA, Canada, Taiwan, Australia/New Zealand, European Community	National Voluntary Lab Accreditation Program (NVLAP) (EMT is accredited by NVLAP. A copy of the NVLAP Scope Of Accreditation is available upon request.)	Lab Code: 200147-0
Canada	Industry Canada	File No.: IC 2804
Japan	Voluntary Control Council For Interference (VCCI)	A-0118
	Open Field Test Site "A"	-
	Mains Conducted Emissions Test Site "A"	-
	Telecom Conducted Emissions Test Site "A"	-
	3 Meter Semi-Anechoic Chamber Site "E"	-
	3 Meter Semi-Anechoic Chamber Site "E" (1GHz – 6GHz)	-
	Mains Conducted Emissions Test Site "E"	-
	Telecom Conducted Emissions Test Site "E"	-
Korea	Ministry of Information and Communication's Radio Research Laboratory (RRL) under the Asia Pacific Economic Cooperation (APEC) Mutual Recognition Arrangement (A copy of the Scope Of Accreditation is available upon request)	US0036
Taiwan	Bureau Of Standards, Metrology and Inspection (BSMI)	Reference Number: SL2-IN-E-1024
Australia / New Zealand	Australian Communications Authority (AUSTEL)	*

***THESE AGENCIES DO NOT ISSUE AN IDENTIFYING NUMBER TO TEST LABS.**

Table of Contents	Page
GENERAL REPORT SUMMARY	3
1. SUMMARY OF TEST RESULTS	6
1.1 MEASUREMENT UNCERTAINTY	7
2. GENERAL INFORMATION	8
2.1 GENERAL DESCRIPTION OF EUT	8
2.2 DESCRIPTION OF TEST MODES	10
2.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING	10
2.4 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	11
2.5 DESCRIPTION OF SUPPORT UNITS(CONDUCTED MODE)	12
2.6. ON TIME, DUTY CYCLE AND MEASUREMENT METHODS	15
2.6.1 LIMITS	15
2.6.2 ON TIME AND DUTY CYCLE RESULTS	15
3. EMC EMISSION TEST	18
3.1 CONDUCTED EMISSION MEASUREMENT	18
3.1.1 POWER LINE CONDUCTED EMISSION LIMITS	18
3.1.2 TEST PROCEDURE	19
3.1.3 DEVIATION FROM TEST STANDARD	19
3.1.4 TEST SETUP	19
3.1.5 TEST RESULTS	20
3.2 RADIATED EMISSION MEASUREMENT	22
3.2.1 RADIATED EMISSION LIMITS	22
3.2.2 TEST PROCEDURE	23
2 TEST SETUP	23
3 EUT OPERATING CONDITIONS	24
3.2.4 TEST RESULTS	25
3.2.5 TEST RESULTS (ABOVE 1000 MHZ)	30
3.2.6 TEST RESULTS (RESTRICTED BANDS REQUIREMENTS)	58
4 OCCUPIED BANDWIDTH TEST	64
4.1 26DB BANDWIDTH TEST	64
4.2 TEST PROCEDURE	64
4.3 DEVIATION FROM STANDARD	64
4.4 TEST SETUP	64
4.5 TEST RESULTS	65
5 PEAK POWER DENSITY	73
5.1 APPLIED PROCEDURES / LIMIT	73
5.2 TEST PROCEDURE	73
5.3 DEVIATION FROM STANDARD	73

Table of Contents	Page
5.4 TEST RESULTS	74
6 MAXIMUMPEAK OUTPUT POWER	78
6.1 APPLIED PROCEDURES / LIMIT	78
6.2 TEST PROCEDURE	78
6.3 DEVIATION FROM STANDARD	78
6.4 TEST SETUP	78
6.5 TEST RESULTS	79
9. EUT TEST PHOTO	81
10. APPENDIX-Photographs of EUT Constructional Details	

1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

LP0002:2020			
Standard Section	Test Item	Judgment	Remark
5.7.3.4(2)	26 dB Emissions Bandwidth	PASS	None
5.7.3.1	Peak Transmit Power	PASS	None
5.7.3.1	Peak Power Spectral Density	PASS	None
5.7.4.5/3.3	AC Power Line Emissions	PASS	None
5.7.4/3.6	Radiated Emissions	PASS	None
5.7.4/3.6	Band Edge	PASS	None

NOTE:

- (1) "N/A" denotes test is not applicable in this Test Report.
- (2) Reference to the KDB-789033 and KDB-662911.

1.1 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95 %.

No.	Item	Uncertainty
1	Conducted Emission Test	1.38dB
2	Radiated Emission Test	3.17dB
3	RF power,conducted	0.16dB
4	Spurious emissions,conducted	0.21dB
5	All emissions,radiated(<1G)	4.68dB
6	All emissions,radiated(>1G)	4.89dB

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	ANAFI USA	
Trade Name	Parrot	
Model Name	anamk3	
Serial Model Name	N/A	
Product Description	The EUT is a ANAFI USA	
	Operation Frequency:	5.18GHz-5.24GHz
	Modulation Type:	IEEE for 802.11a: OFDM (BPSK/QPSK/16QAM/64QAM) IEEE for 802.11n: OFDM (BPSK/QPSK/16QAM/64QAM)
	Number Of Channel	Please see Note 5.
	Antenna Designation:	Please see Note 6.
	Antenna Gain(Peak)	3.0dBi
	Output Power:	Bandwidth20MHz: 802.11a: 16.39Bm 802.11n 20: 15.09dBm Bandwidth10MHz: 802.11a: 15.23Bm 802.11n 20: 14.05dBm
Channel List	Please refer to the Note 5.	
Power Rating	DC5V from adapter or DC11.55V from battery	
Adapter Manufacturer /Model No.	N/A	
Connecting I/O Port(s)	Please refer to the User's Manual	
Products Covered	N/A	
EUT Modification(s)	N/A	
Model difference	N/A	

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.
2. The EUT has four antennas. Antenna 1 is the Front Left Antenna; Antenna 2 is the Front Right Antenna;Antenna 3 is the Back Left Antenna; Antenna 4 is the Back Right Antenna.
3. Device is a just a 2x2 MIMO system. Antenna 1& 2, Antenna 1&3, Antenna 3& 4, Antenna 2& 4 can transmitsimultaneously. Device does not support 3TX & 4TX mode.
4. The maximum antenna gain is 3dBi, the device employed Cyclic Delay Diversity (CDD) for 802.11 MIMOtransmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power measurements on IEEE802.11 devices:

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;

So: Directional gain = $G_{ANT} + \text{Array Gain} = 3\text{dBi} < 6\text{dBi}$

5.

Channel List							
802.11a/n (20MHz) (5.15-5.25GHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	40	5200	44	5220	48	5240
38	5190	42	5210	46	5230	-	-

6.

Table for Filed Antenna

Ant	Manufacture/ Trade	Model Name	Antenna Type	Connector	Gain (dBi)
1	Parrot	anamk3	Integral antenna	N/A	2.4G WIFI:3.5dBi 5.2GHz:3.0dBi 5.8G GHz:2.5dBi
2	Parrot	anamk3	Integral antenna	N/A	2.4G WIFI:3.5dBi 5.2GHz:3.0dBi 5.8G GHz:2.5dBi
3	Parrot	anamk3	Integral antenna	N/A	2.4G WIFI:3.5dBi 5.2GHz:3.0dBi 5.8G GHz:2.5dBi
4	Parrot	anamk3	Integral antenna	N/A	2.4G WIFI:3.5dBi 5.2GHz:3.0dBi 5.8G GHz:2.5dBi

2.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	802.11a : All Rate
Mode 2	802.11n20(MHz) : All Rate
Mode 3	RX Mode

For Conducted Emission	
Final Test Mode	Description
Mode 1	TX Mode (802.11a CH48 worst case)

For Radiated Emission	
Final Test Mode	Description
Mode 1	802.11a
Mode 2	802.11n20(MHz)
Mode 3	RX Mode

Note:

- (1) The measurements are performed at the highest, middle, lowest available channels.
- (2) This product can be powered by adapter or battery, have pretested both power supply modes, found to be the worst case is powered by the battery, and recorded the data in the report.

2.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters.

Test software Version	V1.2.5	Test program:	QRCT3
Frequency	5180 MHz	5200 MHz	5240 MHz

Mode	Power setting
802.11a/n	15

1. After installing the driver, connect the computer with USB, Open the CMD window of your computer and enter the following 2 commandstwicse : “adb shell”,“start_qcom_ftm.sh”.
2. Open the “QRCT3” test software,Click on “Target” and select “APQ” Click on “FTM Command”, Click on “COM Port” to release it.
3. Click on triangle beside “COM Port” and select “COM7 (or another detected)
4. Click on “Select BDF” then select file “bdwlan30.bin” situated on desktop/platform-tools, Then click on “LOAD DUT” and new window “Tx” opens with “transmitter settings”

2.4 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

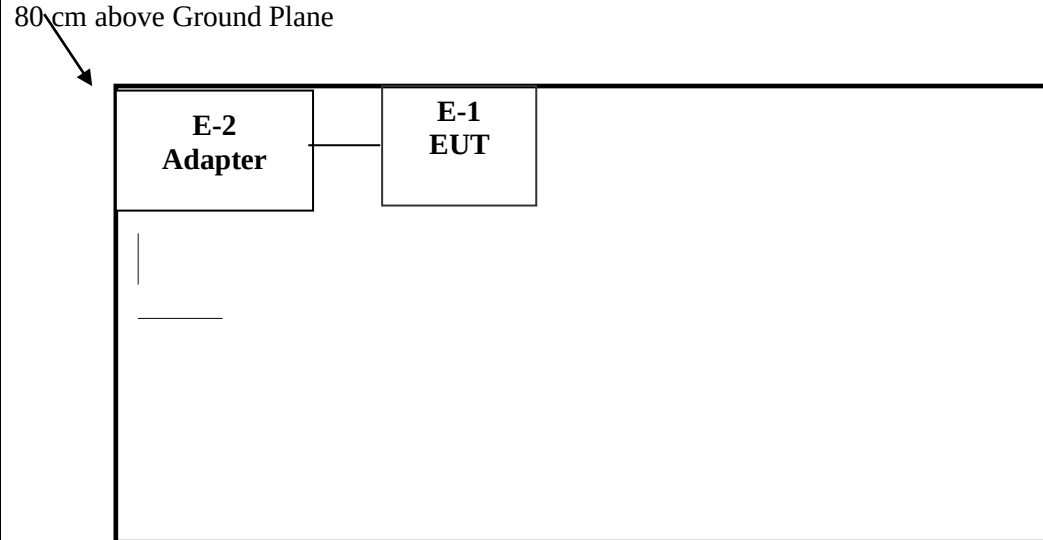
Block diagram of EUT configuration

CONDUCTED EMISSION

Test mode: mode 1

Non-Conductive Table

80 cm above Ground Plane



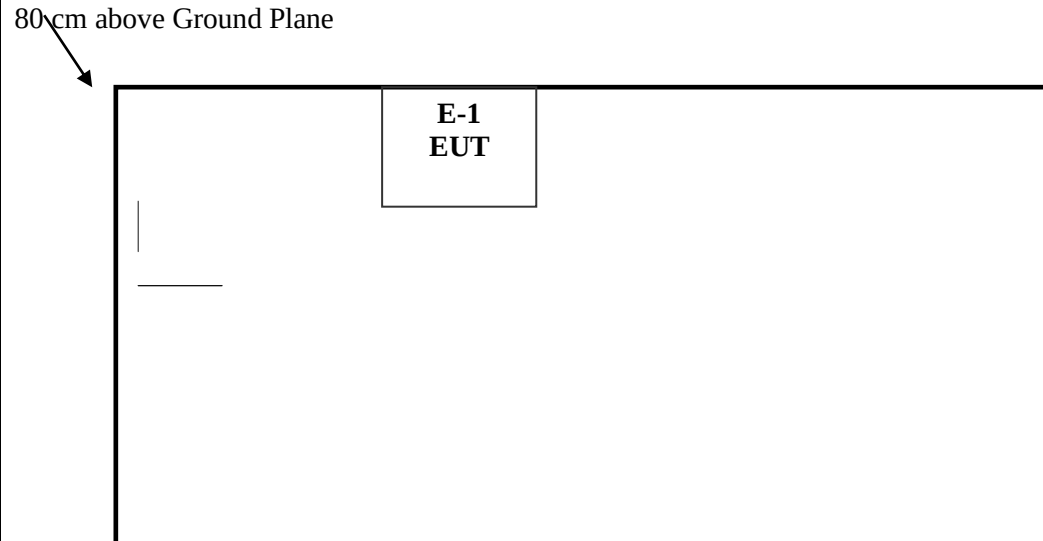
Block diagram of EUT configuration

RADIATED EMISSION

Test mode: mode 1, 2, 3

Non-Conductive Table

80 cm above Ground Plane



2.5 DESCRIPTION OF SUPPORT UNITS(CONDUCTED MODE)

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.	Note
E-1	ANAFI USA	Parrot	anamk3	N/A	N/A	EUT
E-2	Adapter	NOKIA	FC0302	N/A	N/A	Test Accessory*

Item	Equipment	Mfr/Brand	Model/Type No.	Note
1	USB Type-C Line	UGREEN	T2437	Test Accessory* Line length: 0.8m
2	Rechargeable Li-ion Battery	Parrot	anamk3	EUT

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in 『Length』 column.
- (3) “YES” means “shielded” or “with ferrite core”;”NO” means “unshielded” or”without ferrite core”
- (4) “*”:In this report, the applicant did not provide the accompanying accessories with the equipment. The accessories were provided by the laboratory (or the applicant) and inspected simultaneously.

EQUIPMENTS LIST FOR ALL TEST ITEMS

EQUIPMENT TYPE	MANU-FACTURER	MODEL NUMBER	SERIAL NUMBER	CAL. DATE	CAL. CYCLE
Spectrum Analyzer	Keysight	N9020A	MY53300466	April 29, 2020	1 Year
RF Preselector	Hewlett Packard	85685A	3010A01157	April 29, 2020	1 Year
Quasi-Peak Adapter	Hewlett Packard	85650	2521A00584	April 29, 2020	1 Year
Preamplifier	Com Power	PA-102	1482	April 29, 2020	1 Year
RF Attenuator	Mini-Circuits	CAT-10	Asset #1000	September 09, 2020	1 Year
LISN	Com Power	LI-200	12012	September 09, 2020	1 Year
LISN	Com Power	LI-200	12214	September 09, 2020	1 Year
LISN	Com Power	LI-200	1767	September 09, 2020	1 Year
LISN	Com Power	LI-200	1768	December 29, 2020	1 Year
Biconical Antenna	Com Power	AB-100	01557	December 22, 2020	1 Year
Log Periodic Antenna	Com Power	AL-100	16037	December 22, 2020	1 Year
Horn Antenna	Com Power	AHA-118	711054	September 09, 2020	1 Year
Antenna Mast	Com Power	AM-400	N/A	N/A	N/A
Turntable	Com Power	TT-100	N/A	N/A	N/A
Computer	Dell, Inc.	DHS	DNSV641	N/A	N/A

EMI Test Equipment (Continued)

EQUIPMENT TYPE	MANU-FACTURER	MODEL NUMBER	SERIAL NUMBER	CAL. DATE	CAL. CYCLE
EMI Receiver	Rohde & Schwarz	ESU40	100127	June 12, 2020	1 Year
BiConiLog Antenna	ETS-Lindgren	3142D	00102183	August 14, 2020	1 Year
Horn Antenna (1GHz-18GHz)	ETS-Lindgren	3117	00109294	May 6, 2020	1 Year
Horn Antenna (15GHz-40GHz)	SCHWARZBECK	BBHA 9170	BBHA9170242	May 6, 2020	1 Year
Preamplifier	Rohde & Schwarz	TS-PR18	100056	June 12, 2020	1 Year
Pre-Amplifier	Agilent	8449B	3008A00409	June 12, 2020	1 Year
Antenna Mast	ETS-Lindgren	2175	00095727	N/A	N/A
Turntable	ETS-Lindgren	2187-3.0	00118231	N/A	N/A
Computer	Acer	Aspire 8930	85100050123	N/A	N/A
Multi-Function Controller	ETS-Lindgren	2090	00102270	N/A	N/A
Loop Antenna	ARA	PLA-1030/B	1029	May 19, 2020	1 Year

2.6. ON TIME, DUTY CYCLE AND MEASUREMENT METHODS

2.6.1 LIMITS

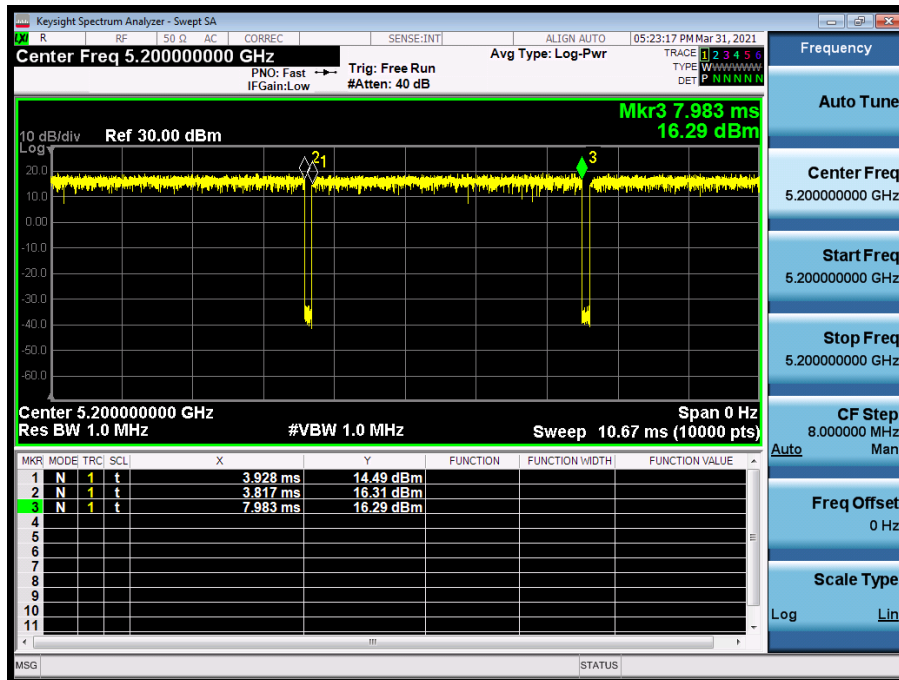
None; for reporting purposes only.

2.6.2 ON TIME AND DUTY CYCLE RESULTS

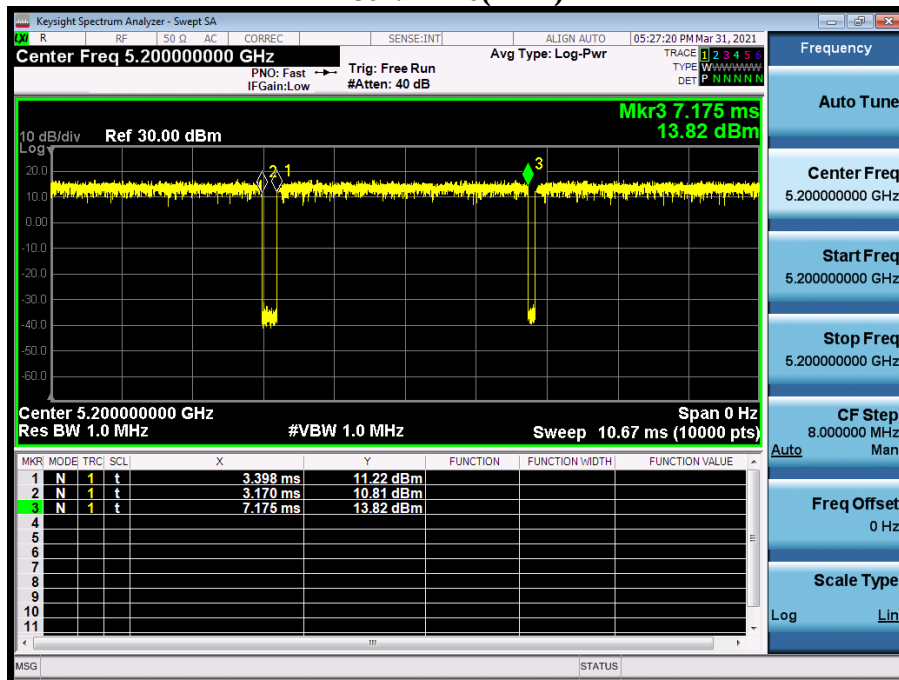
Mode	ON Time B (msec)	Period (msec)	Duty Cycle x (linear)	Duty Cycle (%)	10log(1/x)Duty Cycle Correction Factor (dB)	1/B Minimum VBW (kHz)
Bandwidth 10MHz						
802.11a	4.055	4.166	0.973	97.34%	0.117	0.247
802.11N20(MHz)	3.777	4.005	0.943	94.31%	0.254	0.265
Bandwidth20MHz						
802.11a	2.026	2.189	0.926	92.55%	0.336	0.494
802.11N20(MHz)	1.886	2.058	0.916	91.64%	0.379	0.530

Bandwidth 10MHz

802.11a

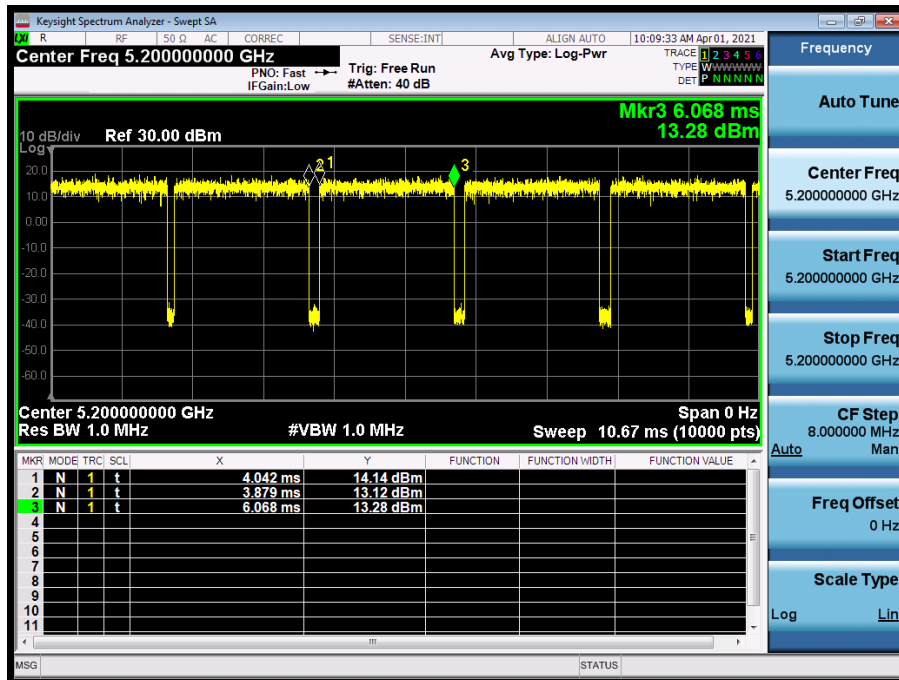


802.11N20(MHz)

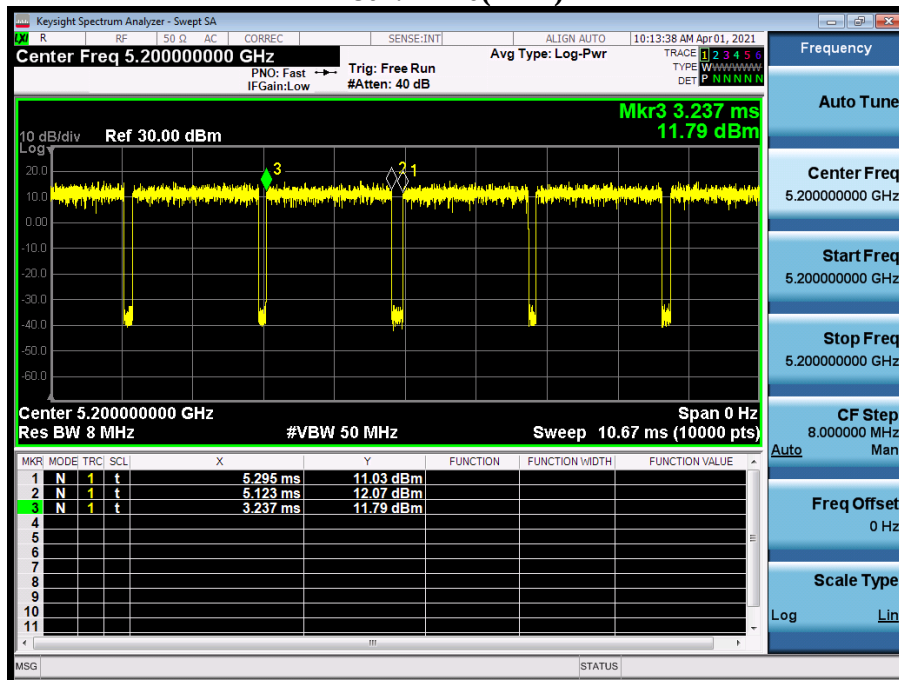


Bandwidth 20MHz

802.11a



802.11N20(MHz)



3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION LIMITS (Frequency Range 150kHz-30MHz)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)		Standard
	Quasi-peak	Average	Quasi-peak	Average	
0.15 -0.5			66 - 56 *	56 - 46 *	CISPR
0.50 -5.0			56.00	46.00	
5.0 -30.0			60.00	50.00	

0.15 -0.5			66 - 56 *	56 - 46 *	Section 15.407 (b)
0.50 -5.0			56.00	46.00	
5.0 -30.0			60.00	50.00	

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

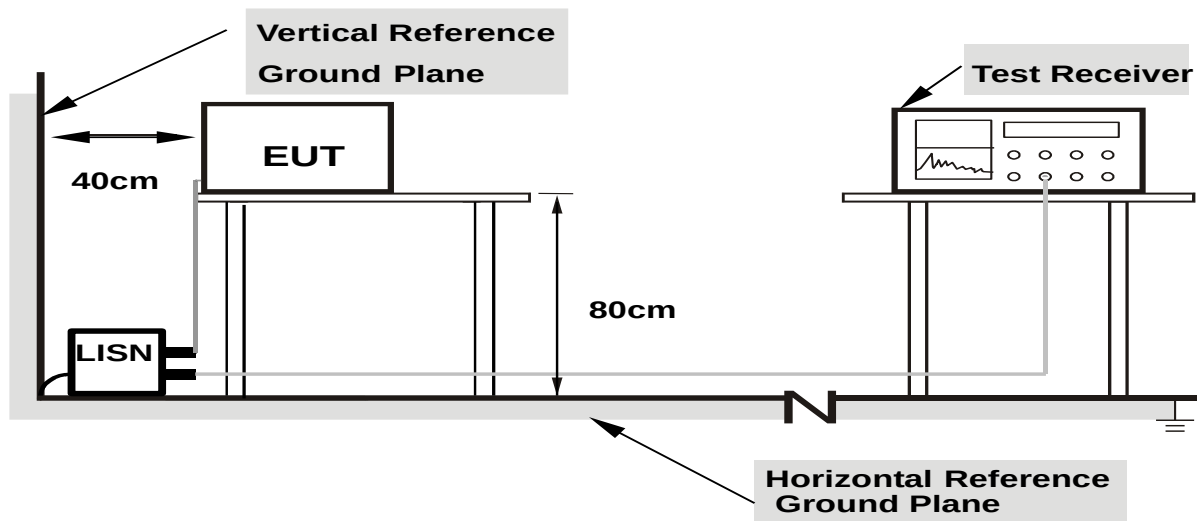
3.1.2 TEST PROCEDURE

- The EUT was placed 0.4 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- LISN at least 80 cm from nearest part of EUT chassis.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

3.1.3 DEVIATION FROM TEST STANDARD

No deviation

3.1.4 TEST SETUP

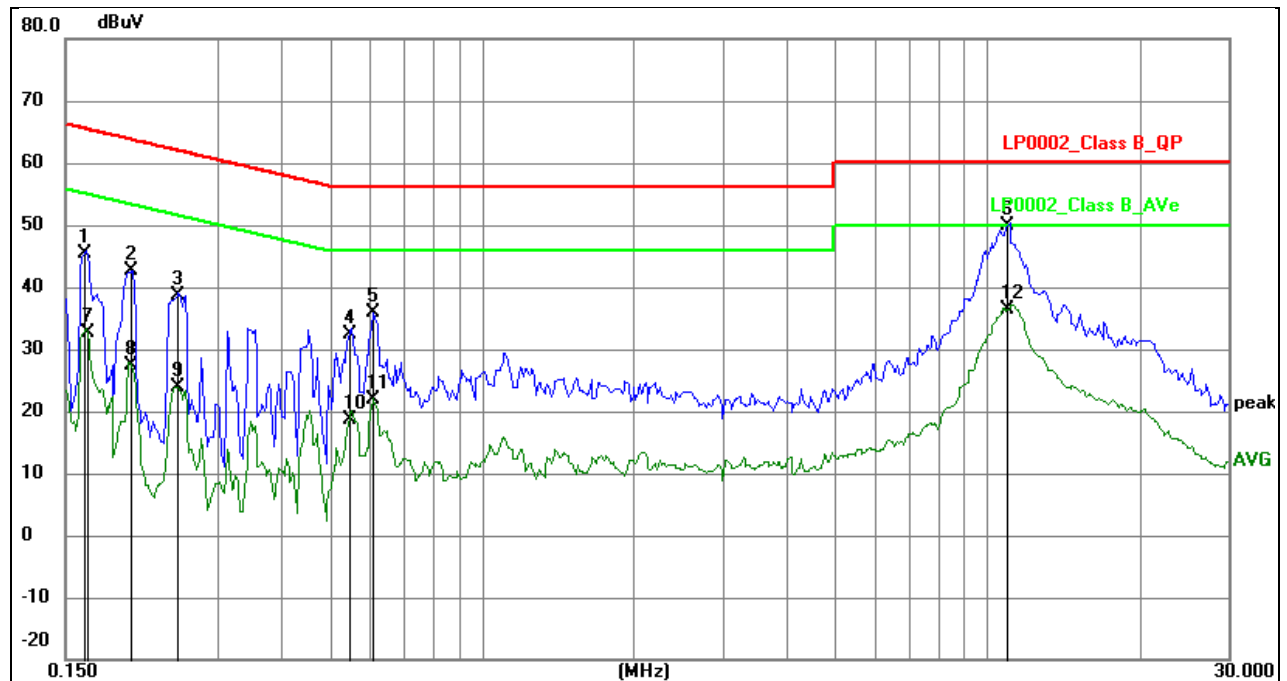


Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

3.1.5 TEST RESULTS

EUT :	ANAFI USA	Model Name. :	anamk3
Temperature :	26°C	Relative Humidity :	54%
Pressure :	1010hPa	Test Date :	2021-04-21
Test Mode :	TX(802.11a CH48 worst case)	Phase :	L
Test Voltage :	AC 110V/60Hz for Adapter		

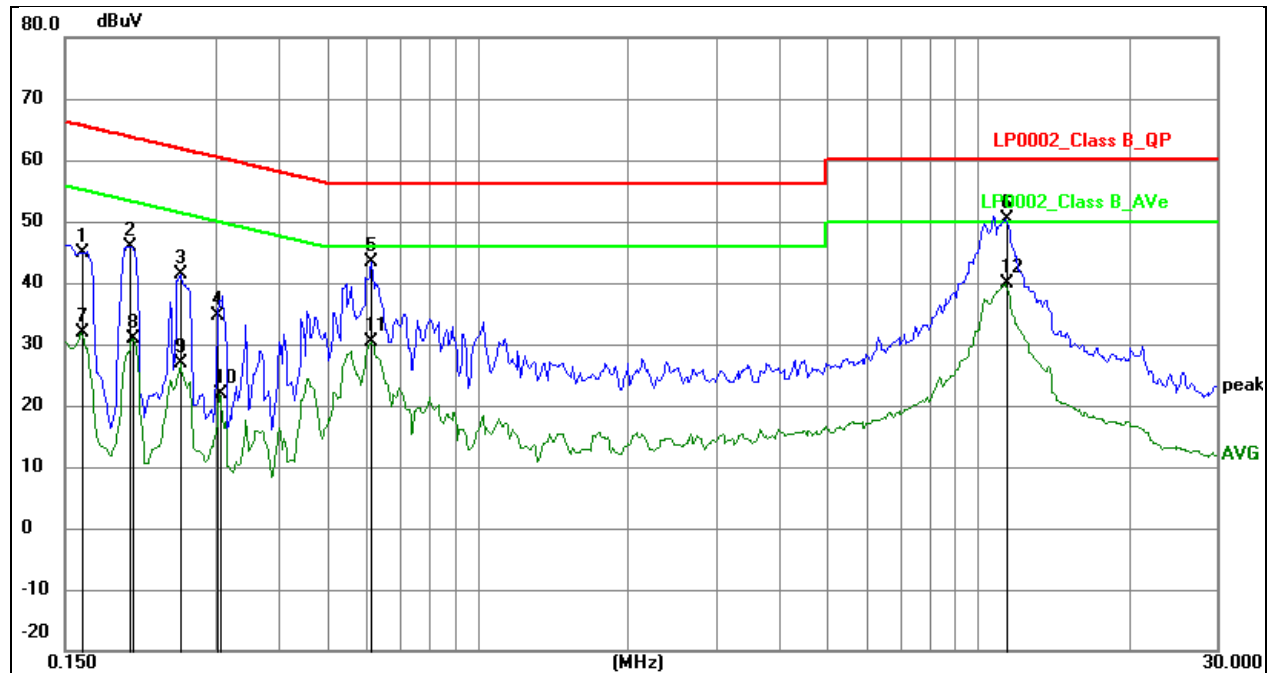


Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss + Pulse limit.
3. '*' means the worst case

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1640	35.72	9.78	45.50	65.26	-19.76	peak	P
2	0.2028	32.80	9.75	42.55	63.50	-20.95	peak	P
3	0.2494	28.87	9.75	38.62	61.78	-23.16	peak	P
4	0.5463	22.71	9.77	32.48	56.00	-23.52	peak	P
5	0.6100	26.08	9.78	35.86	56.00	-20.14	peak	P
6	10.9626	39.58	10.20	49.78	60.00	-10.22	peak	P
7	0.1658	22.96	9.77	32.73	55.17	-22.44	AVG	P
8	0.2028	17.55	9.75	27.30	53.50	-26.20	AVG	P
9	0.2494	14.15	9.75	23.90	51.78	-27.88	AVG	P
10	0.5463	8.84	9.77	18.61	46.00	-27.39	AVG	P
11	0.6107	12.19	9.78	21.97	46.00	-24.03	AVG	P
12	10.9626	26.17	10.20	36.37	50.00	-13.63	AVG	P

EUT :	ANAFI USA	Model Name. :	anamk3
Temperature :	26°C	Relative Humidity :	54%
Pressure :	1010hPa	Test Date :	2021-04-21
Test Mode :	TX(802.11a CH48 worst case)	Phase :	N
Test Voltage :	AC 110V/60Hz for Adapter		



Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss + Pulse limit.
3. '*' means the worst case

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1617	35.04	9.78	44.82	65.38	-20.56	peak	P
2	0.2028	36.13	9.75	45.88	63.50	-17.62	peak	P
3	0.2553	31.65	9.75	41.40	61.58	-20.18	peak	P
4	0.3034	24.87	9.76	34.63	60.15	-25.52	peak	P
5	0.6139	33.56	9.78	43.34	56.00	-12.66	peak	P
6	11.3772	40.24	10.22	50.46	60.00	-9.54	peak	P
7	0.1617	22.21	9.78	31.99	55.38	-23.39	AVG	P
8	0.2046	21.22	9.75	30.97	53.42	-22.45	AVG	P
9	0.2553	17.04	9.75	26.79	51.58	-24.79	AVG	P
10	0.3059	12.11	9.76	21.87	50.08	-28.21	AVG	P
11	0.6139	20.62	9.78	30.40	46.00	-15.60	AVG	P
12	11.3772	29.57	10.22	39.79	50.00	-10.21	AVG	P

3.2 RADIATED EMISSION MEASUREMENT

3.2.1 RADIATED EMISSION LIMITS

LIMITS OF RADIATED EMISSION MEASUREMENT (Frequency Range 9kHz-1000MHz)

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

FREQUENCY (MHz)	Class B (dBuV/m) (at 3M)	
	PEAK	AVERAGE
Above 1000	74	54

Notes:

- (1) The tighter limit applies at the band edges.
- (2) Emission level (dBuV/m)=20log Emission level (uV/m).

FREQUENCY RANGE OF RADIATED MEASUREMENT (For unintentional radiators)

Frequency measurement range:

1 The spectrum shall be measured from the lowest radio frequency signal generated in the device (without going below 9 kHz), and the upper limit of the measurement range shall be decided according to the maximum operating frequency.

1.1 Maximum operating frequency less than 10 GHz: to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower.

1.2 Maximum operating frequency between 10 GHz~30 GHz: to the fifth harmonic of the highest fundamental frequency or to 100 GHz, whichever is lower.

1.3 Maximum operating frequency over 30 GHz: to the fifth harmonic of the highest fundamental frequency or to 200 GHz, whichever is lower.

2 Particular attention should be paid to harmonics and subharmonics of the carrier frequency as well as to those frequencies removed from the carrier by multiples of the oscillator frequency. Radiation at the frequencies of multiplier stages should also be checked.

Spectrum Parameter		Setting	
Attenuation		Auto	
Start Frequency		1000 MHz	
Stop Frequency		10th carrier harmonic	
Measurement	Duty cycle	RBW	Video B/W
PK	Any	1MHz	3MHz
AV	≥98%	1MHz	10Hz
	<98%	1MHz	1/T

NOTE: KDB 558074 Zero-Span Spectrum Analyzer Method

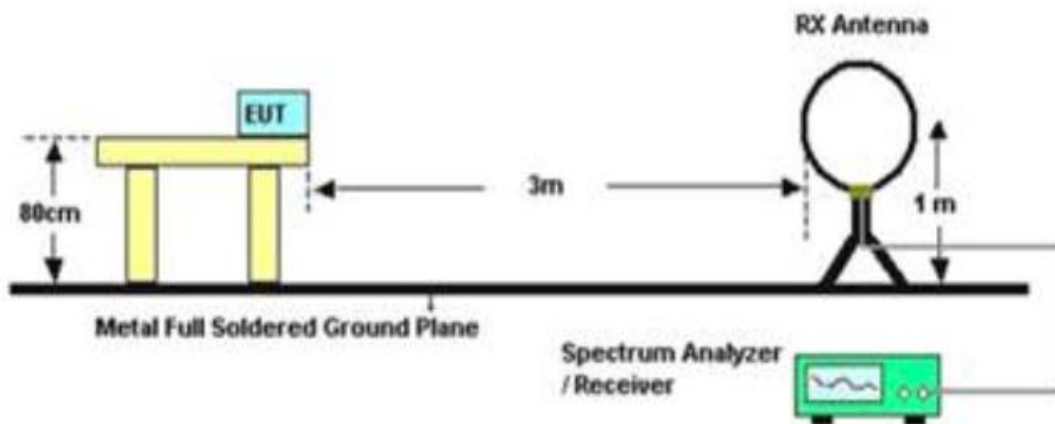
Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

3.2.2 TEST PROCEDURE

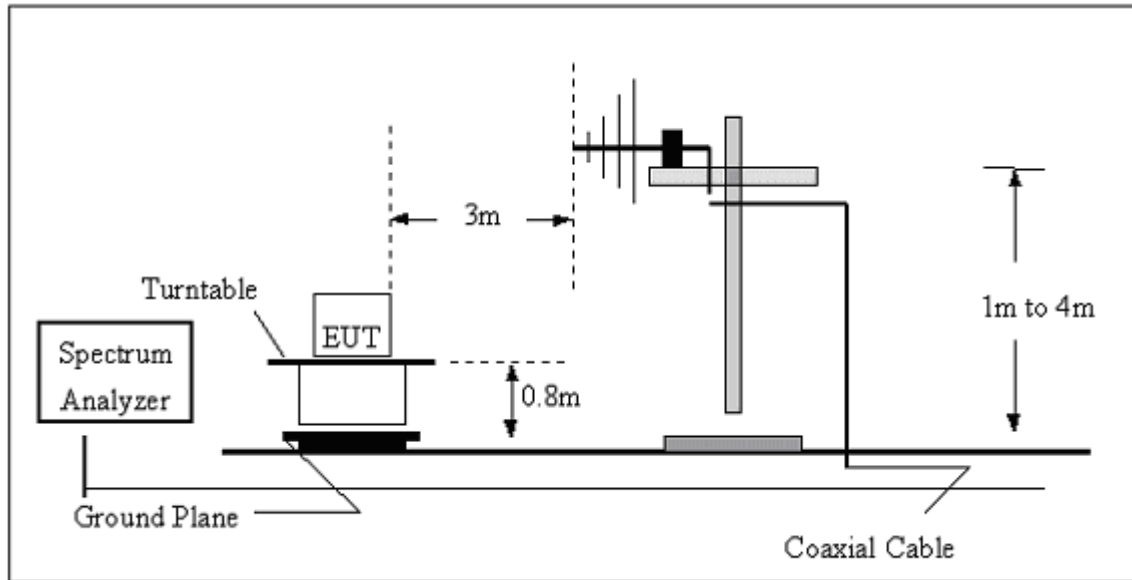
- The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the Antenna 1#re set to make the measurement.
- The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then QuasiPeak detector mode re-measured.
- If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

2 TEST SETUP

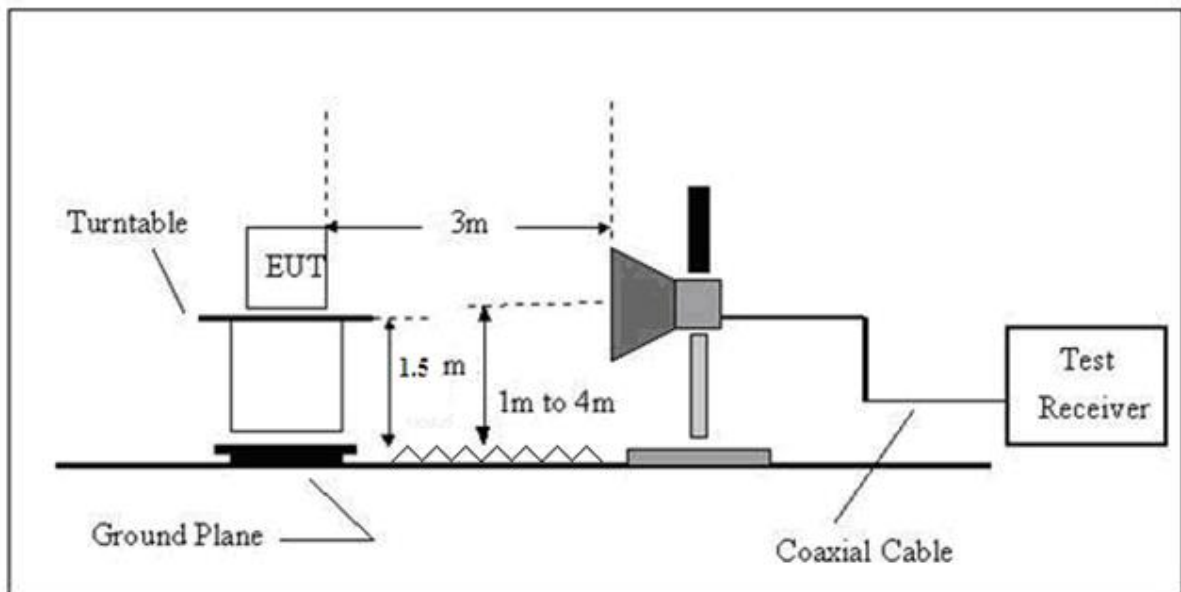
(A) Radiated Emission Test-Up Frequency Below 30MHz



(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



(C) Radiated Emission Test-Up Frequency Above 1GHz



3EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

3.2.4 TEST RESULTS

Between 9KHz – 30 MHz

EUT :	ANAFI USA	Model Name. :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode:	TX	Polarization:	--

Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
--	--	--	--	N/A
--	--	--	--	N/A

NOTE:

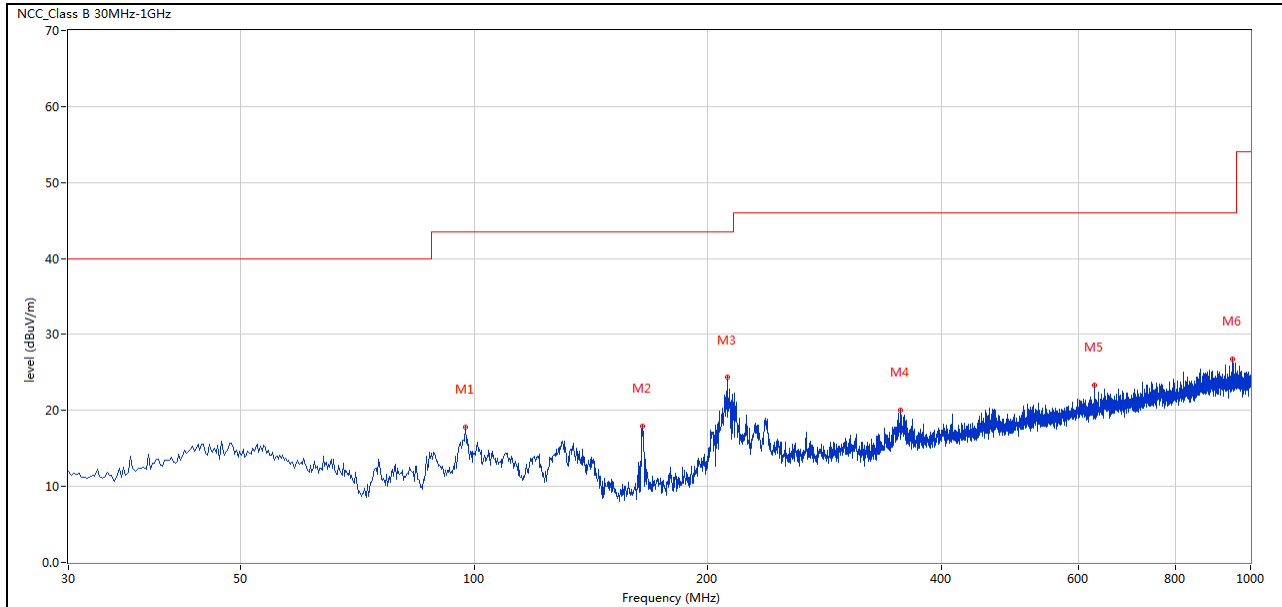
The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Distance extrapolation factor = $40 \log (\text{specific distance/test distance})$ (dB);

Limit line = specific limits(dBuv) + distance extrapolation factor.

BETWEEN 30 – 1000 MHz

EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	TX 802.11a	Polarization :	Horizontal
Test Power :	DC11.55V from battery		

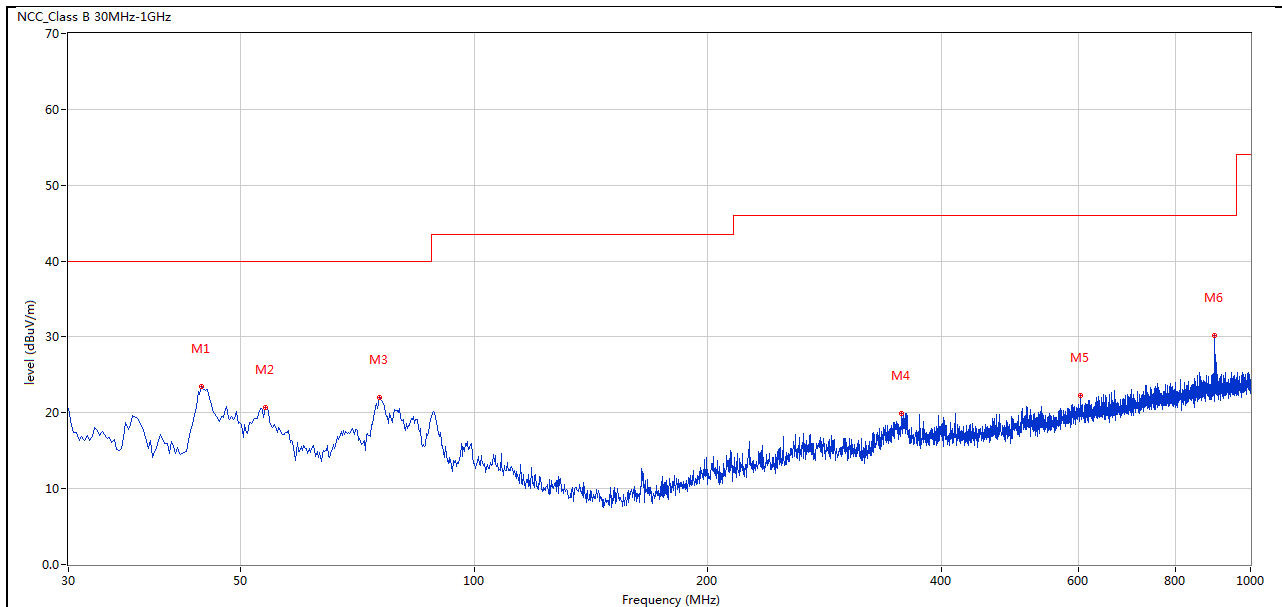


Remark:

1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	ANT	Verdict
1	97.398	17.78	-13.85	43.5	-25.72	Peak	Horizontal	Pass
2	164.554	17.92	-16.25	43.5	-25.58	Peak	Horizontal	Pass
3	211.830	24.33	-13.68	43.5	-19.17	Peak	Horizontal	Pass
4	354.384	19.99	-9.44	46.0	-26.01	Peak	Horizontal	Pass
5	630.280	23.32	-5.02	46.0	-22.68	Peak	Horizontal	Pass
6	949.330	26.79	-1.52	46.0	-19.21	Peak	Horizontal	Pass

EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	TX 802.11a	Polarization :	Vertical
Test Power :	DC11.55V from battery		

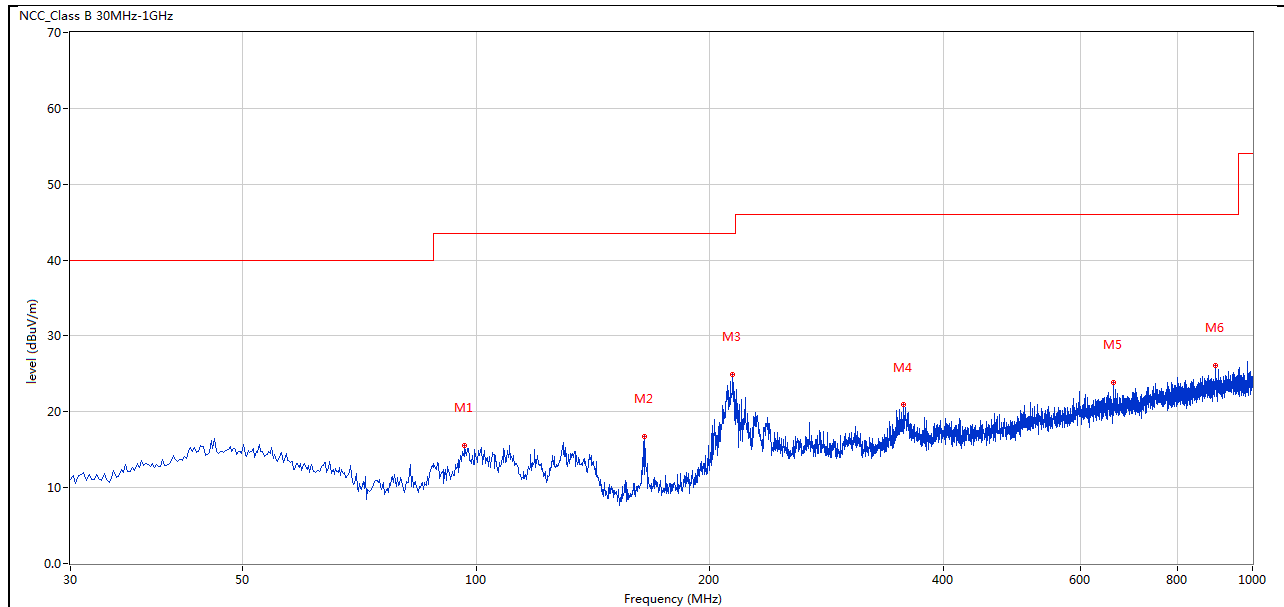


Remark:

1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	ANT	Verdict
1	44.546	23.51	-11.44	40.0	-16.49	Peak	Vertical	Pass
2	53.759	20.74	-11.53	40.0	-19.26	Peak	Vertical	Pass
3	75.579	21.97	-17.45	40.0	-18.03	Peak	Vertical	Pass
4	354.869	19.97	-9.42	46.0	-26.03	Peak	Vertical	Pass
5	603.369	22.28	-5.04	46.0	-23.72	Peak	Vertical	Pass
6	899.873	30.24	-1.85	46.0	-15.76	Peak	Vertical	Pass

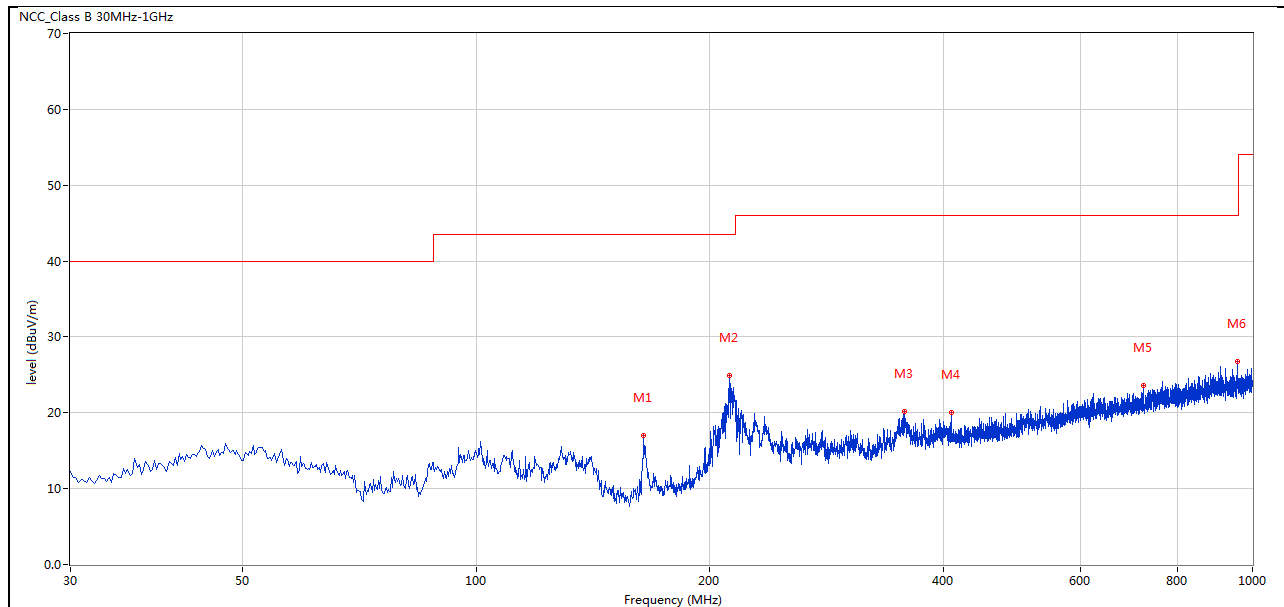
EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	RX	Polarization :	Horizontal
Test Power :	DC11.55V from battery		



Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	ANT	Verdict
1	96.671	15.62	-14.02	43.5	-27.88	Peak	Horizontal	Pass
2	164.554	16.76	-16.25	43.5	-26.74	Peak	Horizontal	Pass
3	214.011	24.87	-13.60	43.5	-18.63	Peak	Horizontal	Pass
4	355.111	20.90	-9.43	46.0	-25.10	Peak	Horizontal	Pass
5	662.282	23.83	-4.56	46.0	-22.17	Peak	Horizontal	Pass
6	895.266	26.08	-1.81	46.0	-19.92	Peak	Horizontal	Pass

EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	RX	Polarization :	Vertical
Test Power :	DC11.55V from battery		



Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	ANT	Verdict
1	164.311	17.04	-16.27	43.5	-26.46	Peak	Vertical	Pass
2	212.072	24.98	-13.68	43.5	-18.52	Peak	Vertical	Pass
3	355.839	20.14	-9.47	46.0	-25.86	Peak	Vertical	Pass
4	409.660	20.01	-8.46	46.0	-25.99	Peak	Vertical	Pass
5	723.377	23.60	-3.82	46.0	-22.40	Peak	Vertical	Pass
6	956.118	26.78	-1.72	46.0	-19.22	Peak	Vertical	Pass

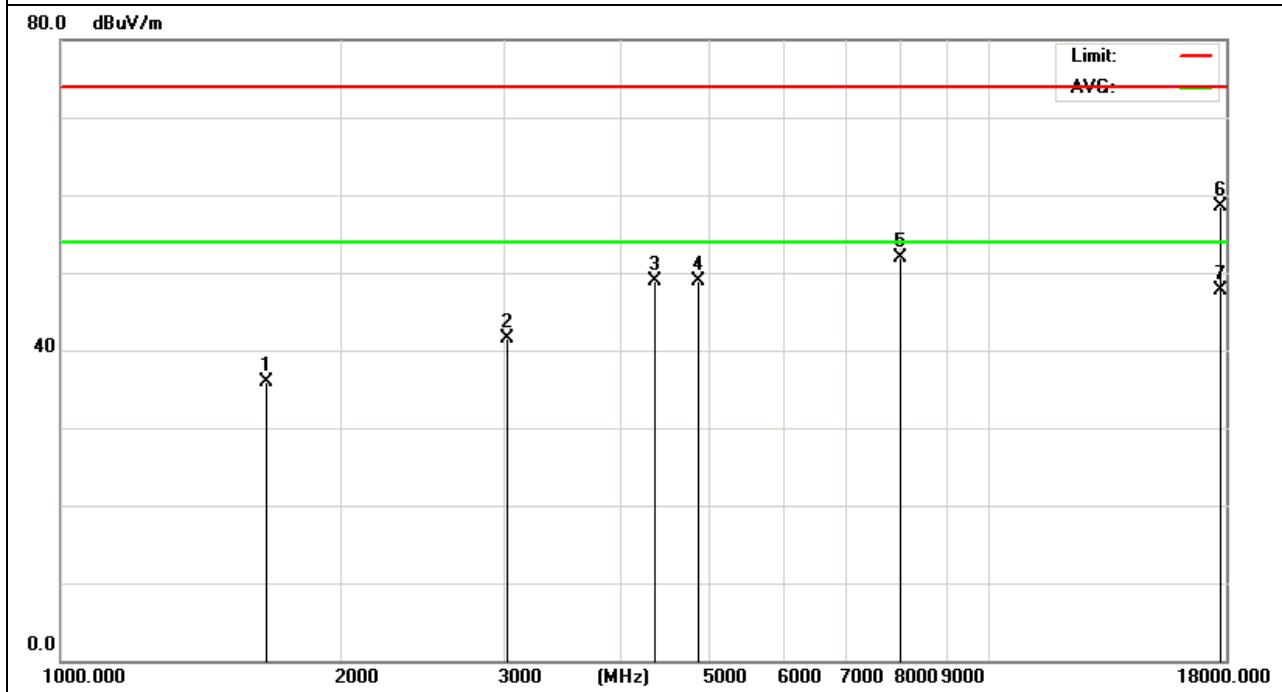
3.2.5 TEST RESULTS (ABOVE 1000 MHZ)

5.15MHz~5.25MHz:

EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	802.11a Channel 36	Polarization :	Horizontal
Measurement Distance	3 m	FrequencyRange	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
1668.657	46.46	-9.71	36.75	74.00	-37.25	peak
3022.157	42.61	-1.63	40.98	74.00	-33.02	peak
4366.448	44.59	4.46	49.05	74.00	-24.95	peak
4850.120	43.98	5.11	49.09	74.00	-24.91	peak
8020.557	41.85	10.41	52.26	74.00	-21.74	peak
17693.468	34.13	24.90	59.03	74.00	-14.97	peak
17693.468	23.11	24.90	48.01	54.00	-5.99	AVG

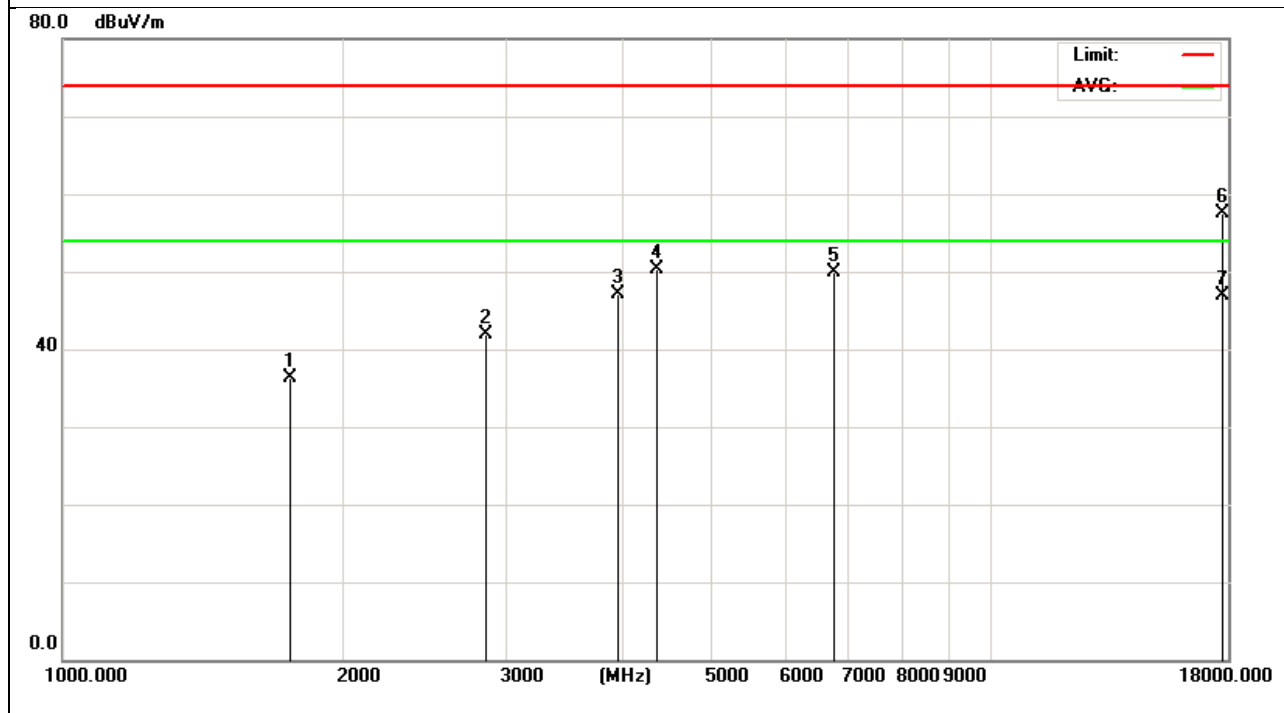
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	802.11a Channel 36	Polarization :	Vertical
Measurement Distance	3 m	Frequency Range	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
1755.436	46.39	-9.47	36.92	74.00	-37.08	peak
2850.221	44.52	-2.61	41.91	74.00	-32.09	peak
3949.148	44.28	3.46	47.74	74.00	-26.26	peak
4366.632	45.69	4.46	50.15	74.00	-23.85	peak
6766.559	44.05	6.03	50.08	74.00	-23.92	peak
17694.012	32.93	24.90	57.83	74.00	-16.17	peak
17694.012	22.62	24.90	47.52	54.00	-6.48	AVG

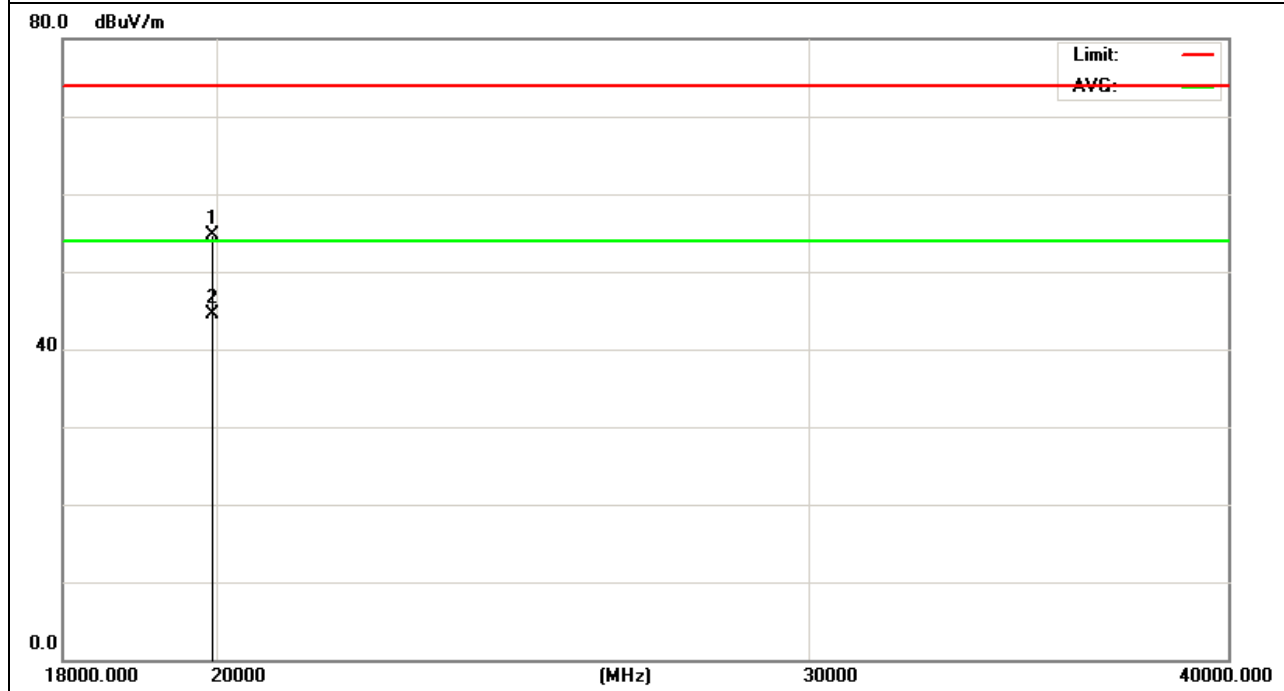
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	802.11a Channel 36	Polarization :	Horizontal
Measurement Distance	3 m	Frequency Range	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
19953.000	39.16	15.19	54.35	74.00	-19.65	peak
19953.000	29.73	15.19	44.92	54.00	-9.08	AVG

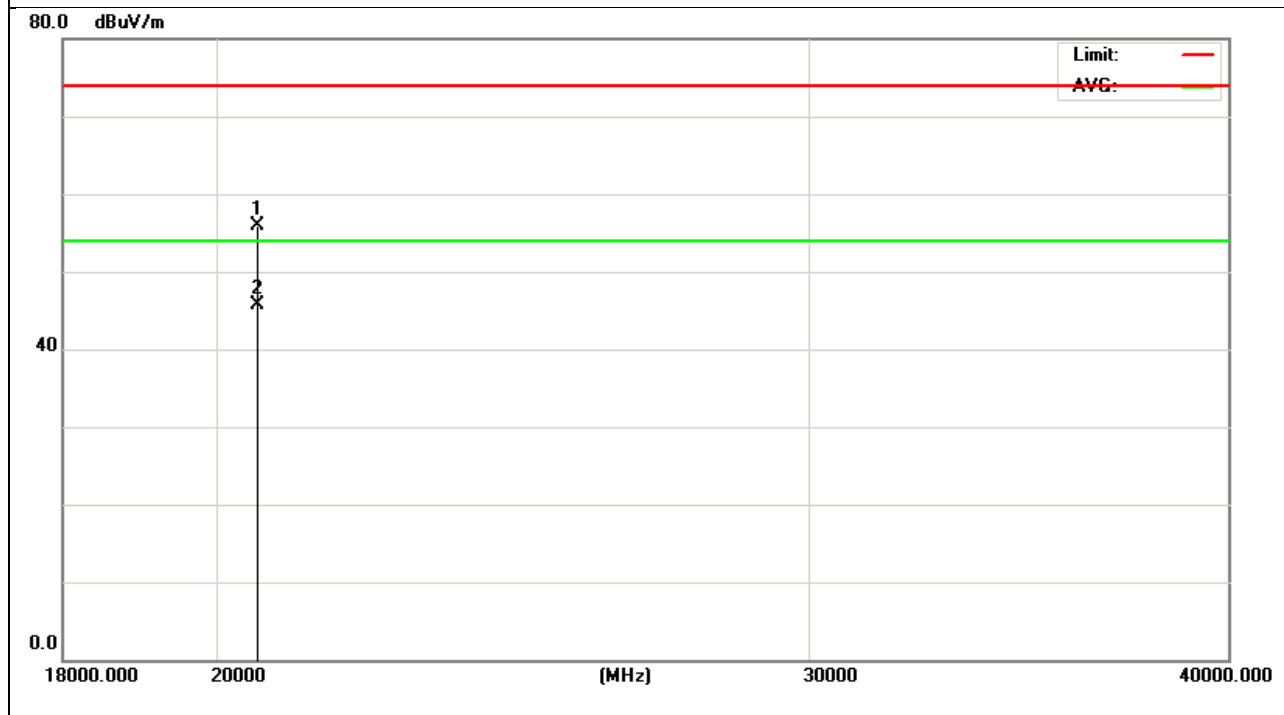
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	802.11a Channel 36	Polarization :	Vertical
Measurement Distance	3 m	FrequencyRange	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
20559.000	39.69	16.1	55.79	74.00	-18.21	
20559.000	30.55	16.1	46.65	54.00	-7.35	AVG

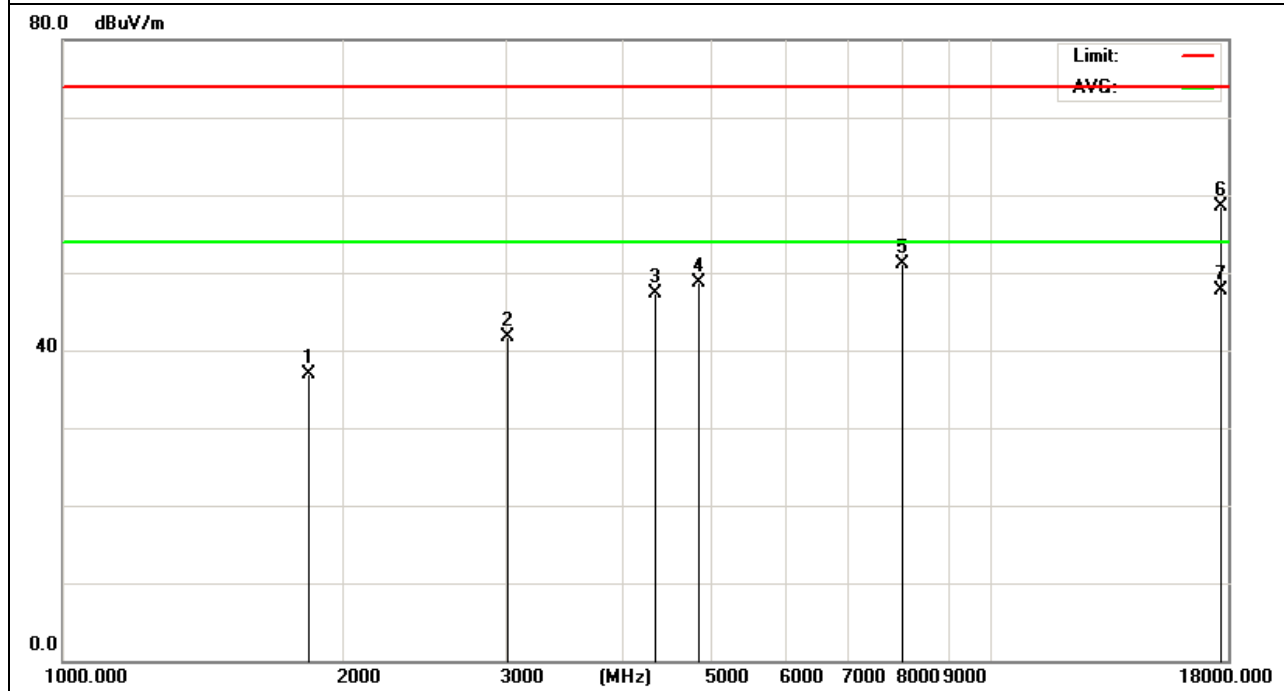
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	802.11a Channel 40	Polarization :	Horizontal
Measurement Distance	3 m	Frequency Range	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
1836.811	46.88	-9.4	37.48	74.00	-36.52	peak
3009.002	43.15	-1.66	41.49	74.00	-32.51	peak
4354.177	42.95	4.43	47.38	74.00	-26.62	peak
4846.332	43.74	5.11	48.85	74.00	-25.15	peak
8019.157	40.51	10.4	50.91	74.00	-23.09	peak
17645.003	33.99	24.93	58.92	74.00	-15.08	peak
17645.003	23.11	24.93	48.04	54.00	-5.96	AVG

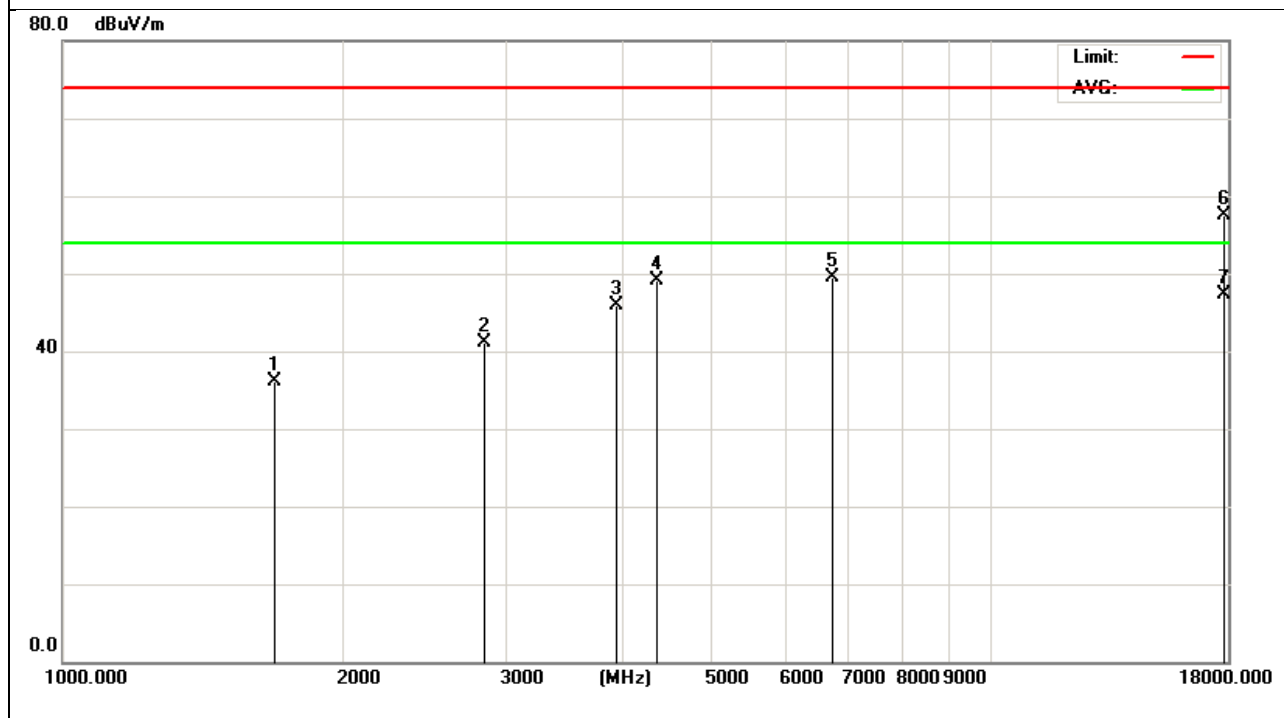
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	802.11a Channel 40	Polarization :	Vertical
Measurement Distance	3 m	Frequency Range	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
1691.248	46.22	-9.66	36.56	74.00	-37.44	peak
2846.628	43.52	-2.64	40.88	74.00	-33.12	peak
3945.002	42.86	3.43	46.29	74.00	-27.71	peak
4364.180	44.92	4.46	49.38	74.00	-24.62	peak
6756.234	43.47	6.01	49.48	74.00	-24.52	peak
17829.521	32.75	24.8	57.55	74.00	-16.45	peak
17829.521	22.83	24.8	47.63	54.00	-6.37	AVG

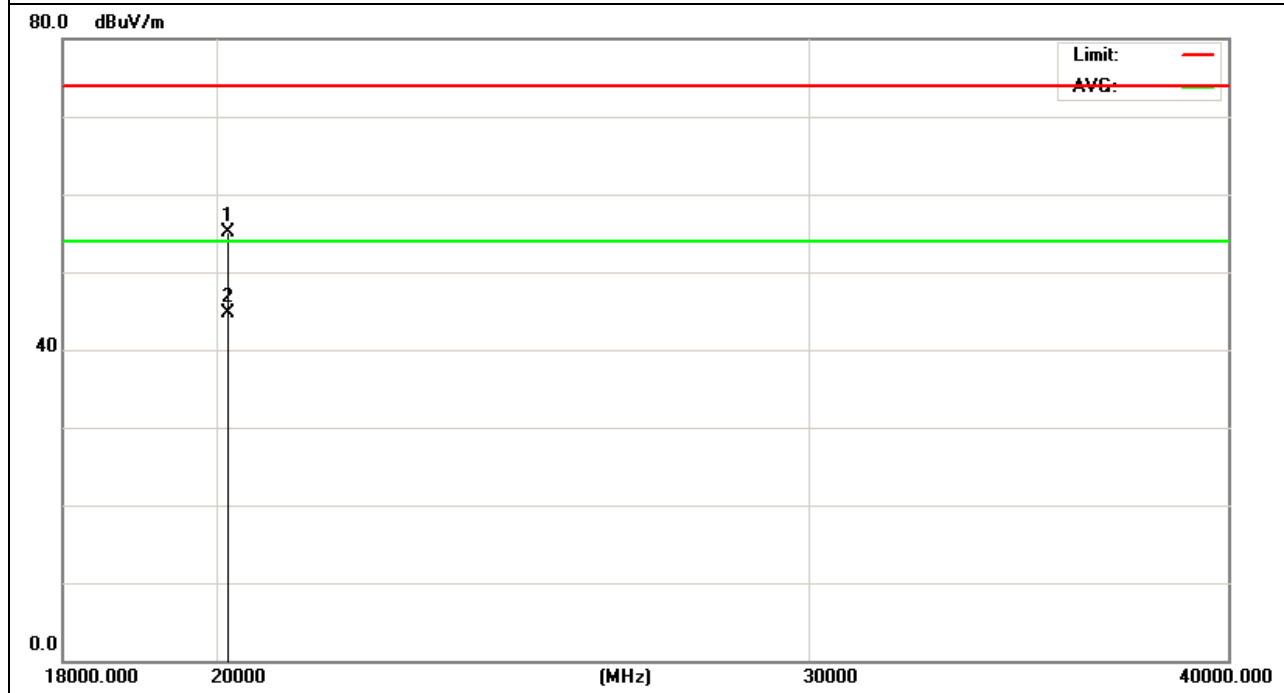
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	802.11a Channel 40	Polarization :	Horizontal
Measurement Distance	3 m	Frequency Range	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
20156.000	39.23	15.5	54.73	74.00	-19.27	
20156.000	29.85	15.5	45.35	54.00	-8.65	AVG

Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	802.11a Channel 40	Polarization :	Vertical
Measurement Distance	3 m	Frequency Range	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
20220.000	39.84	15.6	55.44	74.00	-18.56	peak
20220.000	30.79	15.6	46.39	54.00	-7.61	AVG

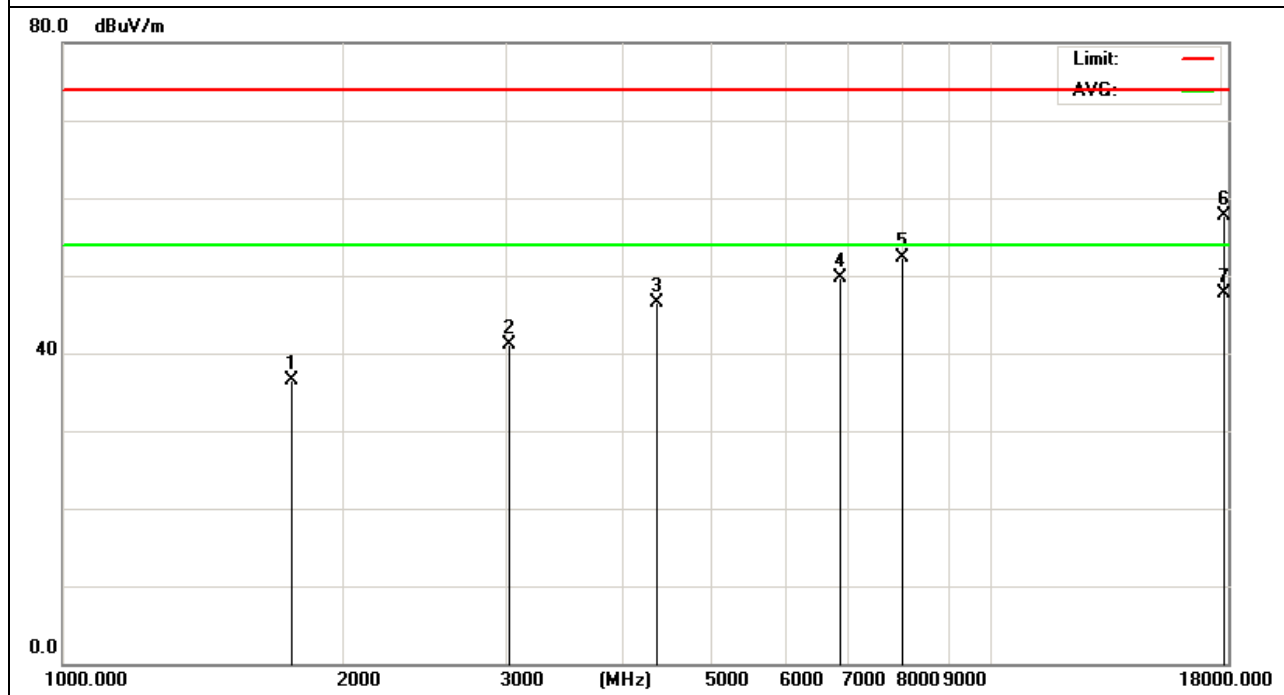
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	802.11a Channel 48	Polarization :	Horizontal
Measurement Distance	3 m	FrequencyRange	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
1758.882	46.22	-9.46	36.76	74.00	-37.24	peak
3019.147	42.96	-1.64	41.32	74.00	-32.68	peak
4366.278	42.57	4.46	47.03	74.00	-26.97	peak
6856.994	43.83	6.08	49.91	74.00	-24.09	peak
8025.140	41.95	10.41	52.36	74.00	-21.64	peak
17769.005	32.89	24.84	57.73	74.00	-16.27	peak
17769.005	23.01	24.84	47.85	54.00	-6.15	AVG

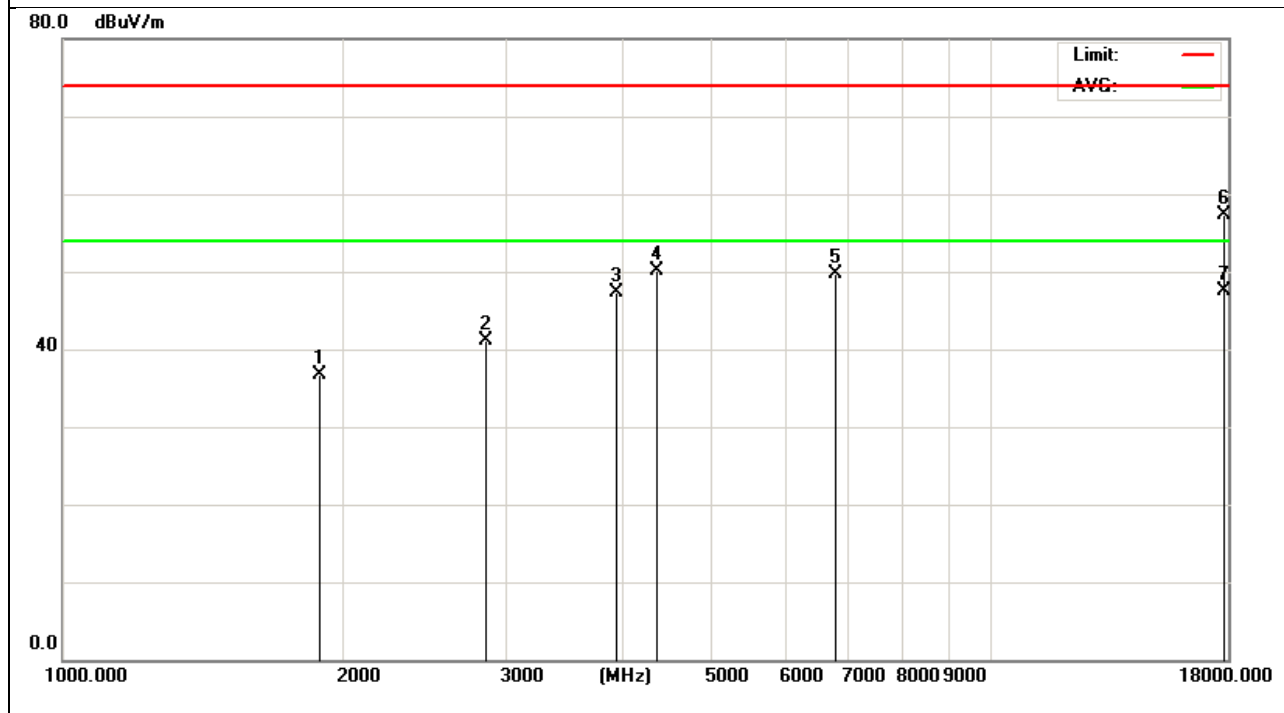
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	802.11a Channel 48	Polarization :	Vertical
Measurement Distance	3 m	Frequency Range	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
1888.559	47.52	-9.5	38.02	74.00	-35.98	peak
2850.123	43.39	-2.61	40.78	74.00	-33.22	peak
3942.487	44.02	3.41	47.43	74.00	-26.57	peak
4364.774	45.57	4.46	50.03	74.00	-23.97	peak
6787.226	43.67	6.04	49.71	74.00	-24.29	peak
17747.448	32.88	24.86	57.74	74.00	-16.26	peak
17747.448	22.67	24.86	47.53	54.00	-6.47	AVG

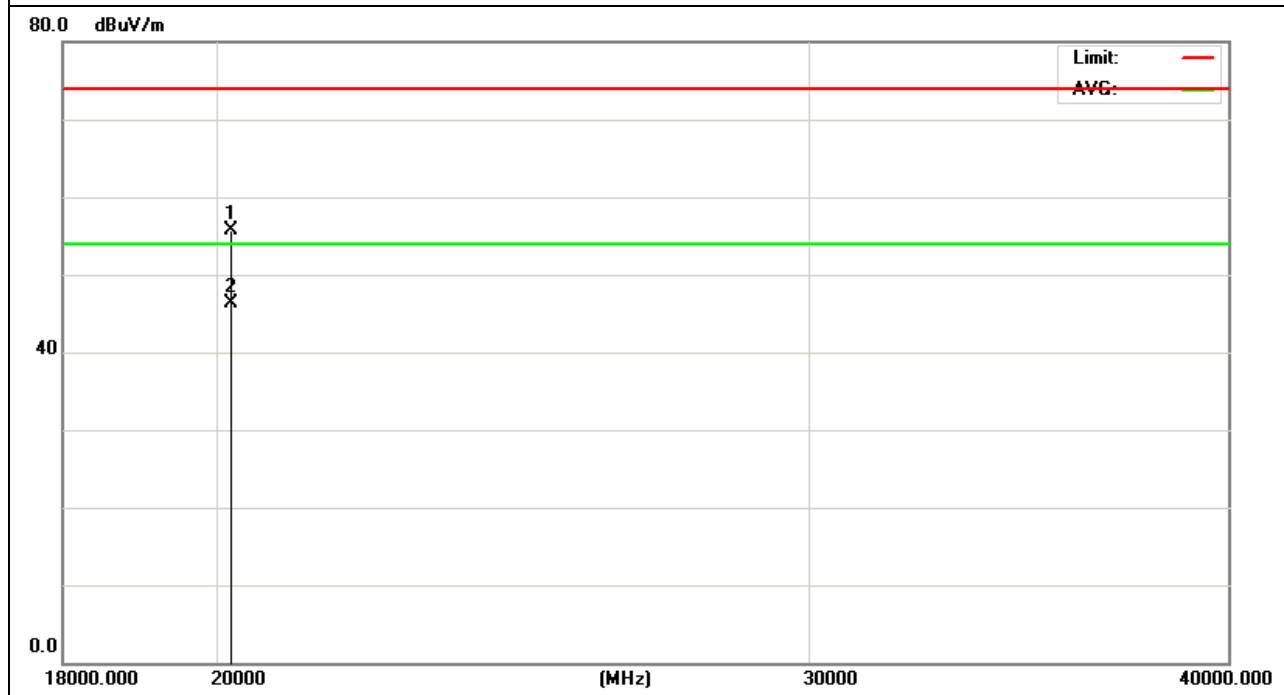
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	802.11a Channel 48	Polarization :	Horizontal
Measurement Distance	3 m	Frequency Range	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
20185.000	40.75	15.54	56.29	74.00	-17.71	peak
20185.000	31.03	15.54	46.57	54.00	-7.43	AVG

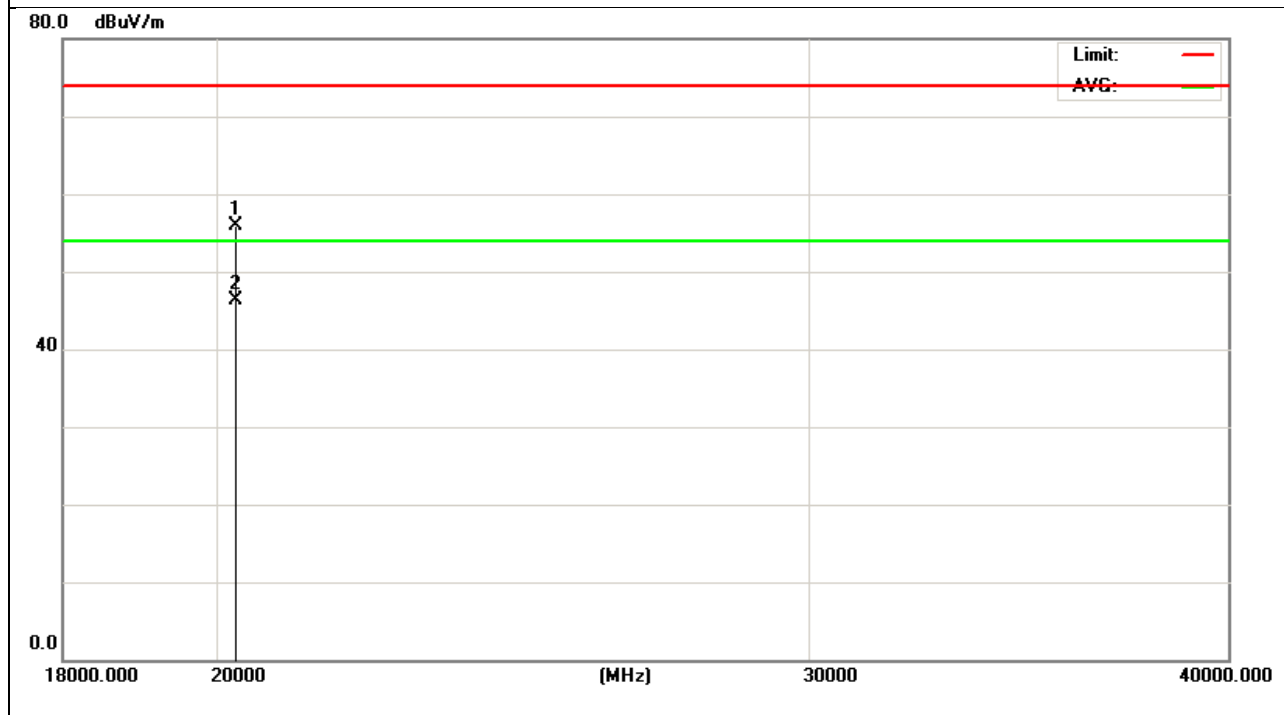
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	802.11a Channel 48	Polarization :	Vertical
Measurement Distance	3 m	Frequency Range	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
20255.000	40.77	15.64	56.41	74.00	-17.59	
20255.000	31.25	15.64	46.89	54.00	-7.11	AVG

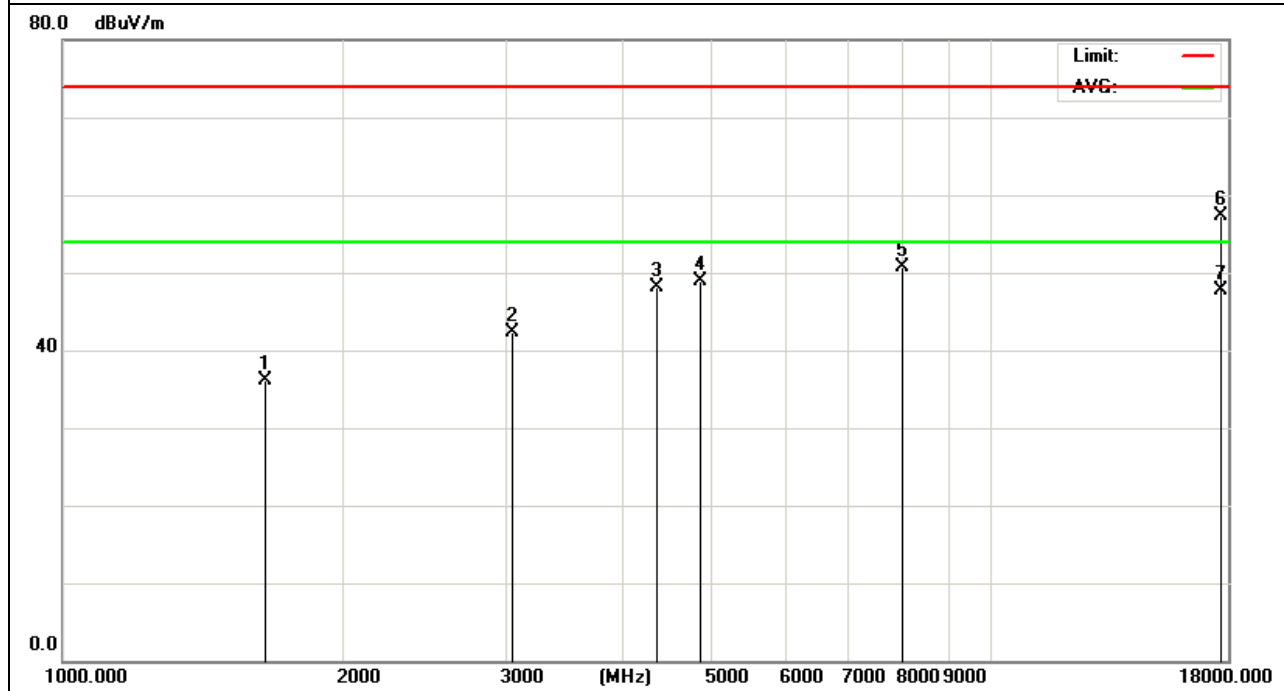
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	802.11n20 Channel 36	Polarization :	Horizontal
Measurement Distance	3 m	FrequencyRange	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
1650.210	56.02	-9.77	46.25	74.00	-27.75	peak
3046.363	43.95	-1.57	42.38	74.00	-31.62	peak
4356.887	43.74	4.45	48.19	74.00	-25.81	peak
4856.147	43.92	5.11	49.03	74.00	-24.97	peak
8019.841	40.58	10.40	50.98	74.00	-23.02	peak
17651.028	32.94	24.93	57.87	74.00	-16.13	peak
17651.028	22.99	24.93	47.92	54.00	-6.08	AVG

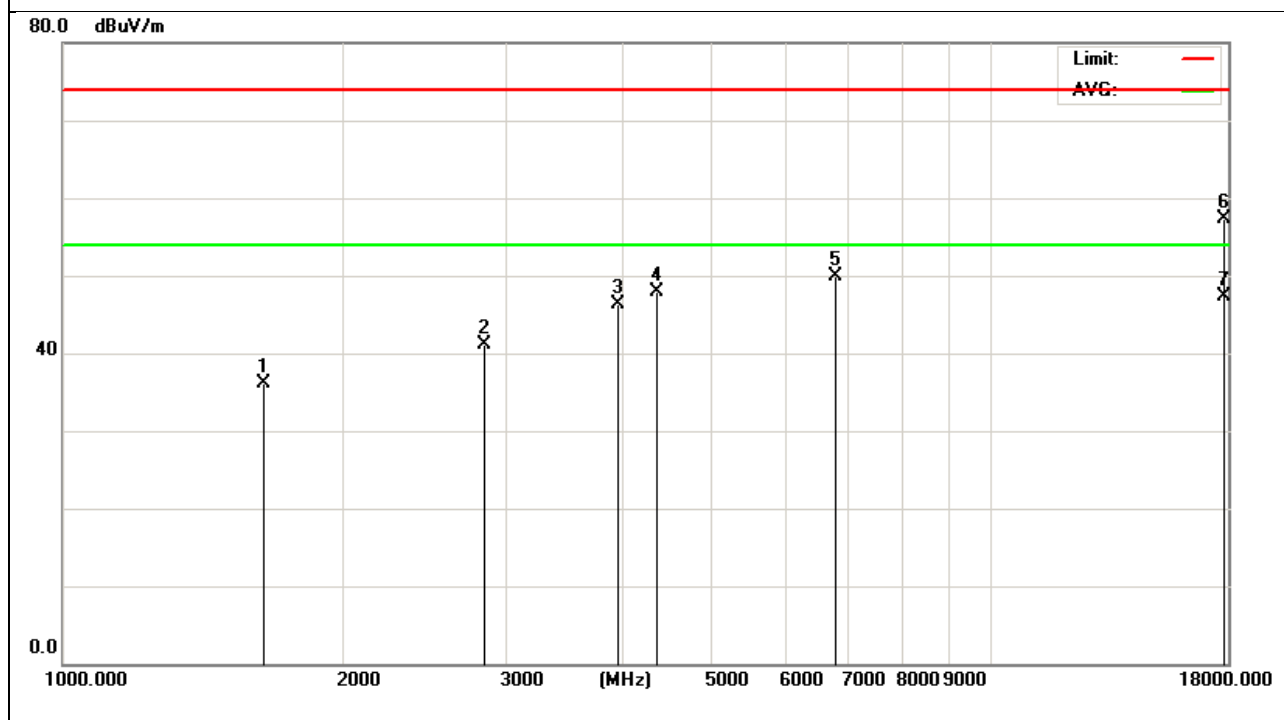
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	802.11n20 Channel 36	Polarization :	Vertical
Measurement Distance	3 m	Frequency Range	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
1647.779	46.23	-9.77	36.46	74.00	-37.54	peak
2846.244	43.19	-2.63	40.56	74.00	-33.44	peak
3949.125	43.33	3.46	46.79	74.00	-27.21	peak
4358.237	43.86	4.45	48.31	74.00	-25.69	peak
6778.711	43.99	6.03	50.02	74.00	-23.98	peak
17757.462	33.08	24.85	57.93	74.00	-16.07	peak
17757.462	23.18	24.85	48.03	54.00	-5.97	AVG

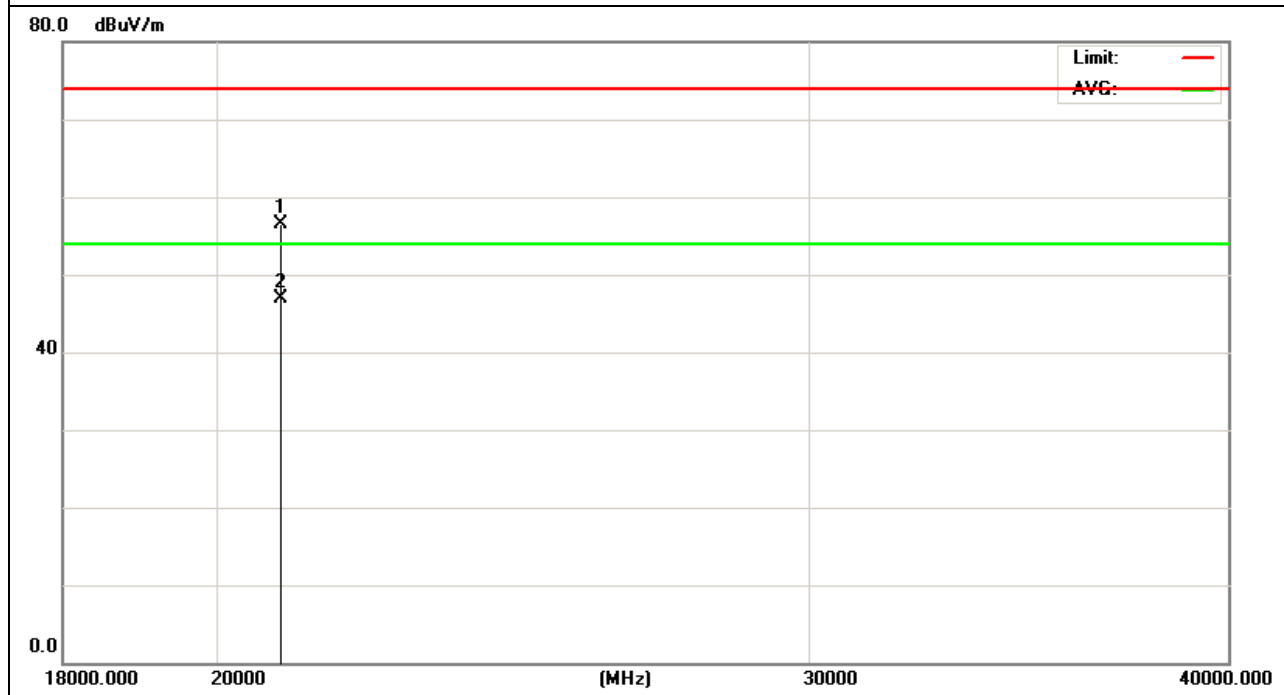
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	802.11n20 Channel 36	Polarization :	Horizontal
Measurement Distance	3 m	Frequency Range	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
20883.000	39.95	16.58	56.53	74.00	-17.47	peak
20883.000	31.03	16.58	47.61	54.00	-6.39	AVG

Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	802.11n20 Channel 36	Polarization :	Vertical
Measurement Distance	3 m	Frequency Range	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
19685.000	40.23	14.8	55.03	74.00	-18.97	peak
19685.000	30.93	14.8	45.73	54.00	-8.27	AVG

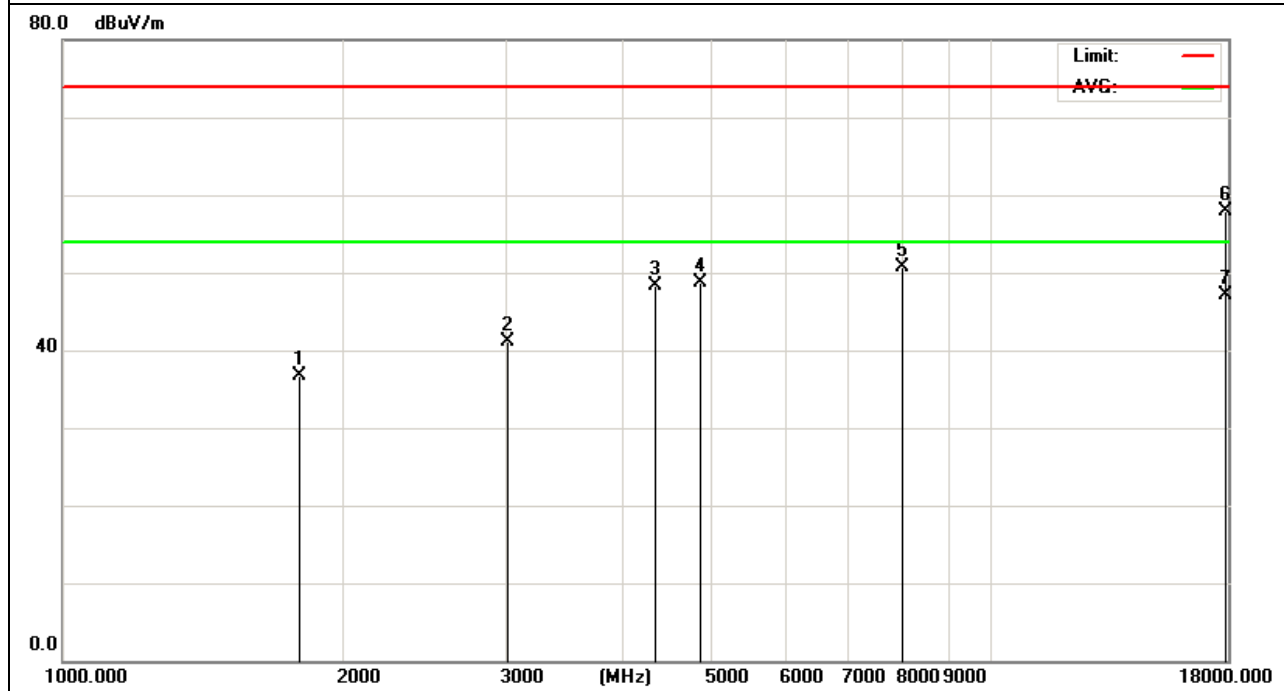
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	802.11n20 Channel 40	Polarization :	Horizontal
Measurement Distance	3 m	Frequency Range	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
1797.778	46.83	-9.35	37.48	74.00	-36.52	peak
3009.135	42.52	-1.66	40.86	74.00	-33.14	peak
4355.421	43.99	4.44	48.43	74.00	-25.57	peak
4854.003	43.95	5.11	49.06	74.00	-24.94	peak
8023.489	40.63	10.41	51.04	74.00	-22.96	peak
17896.581	33.55	24.76	58.31	74.00	-15.69	peak
17896.581	22.37	24.76	47.13	54.00	-6.87	AVG

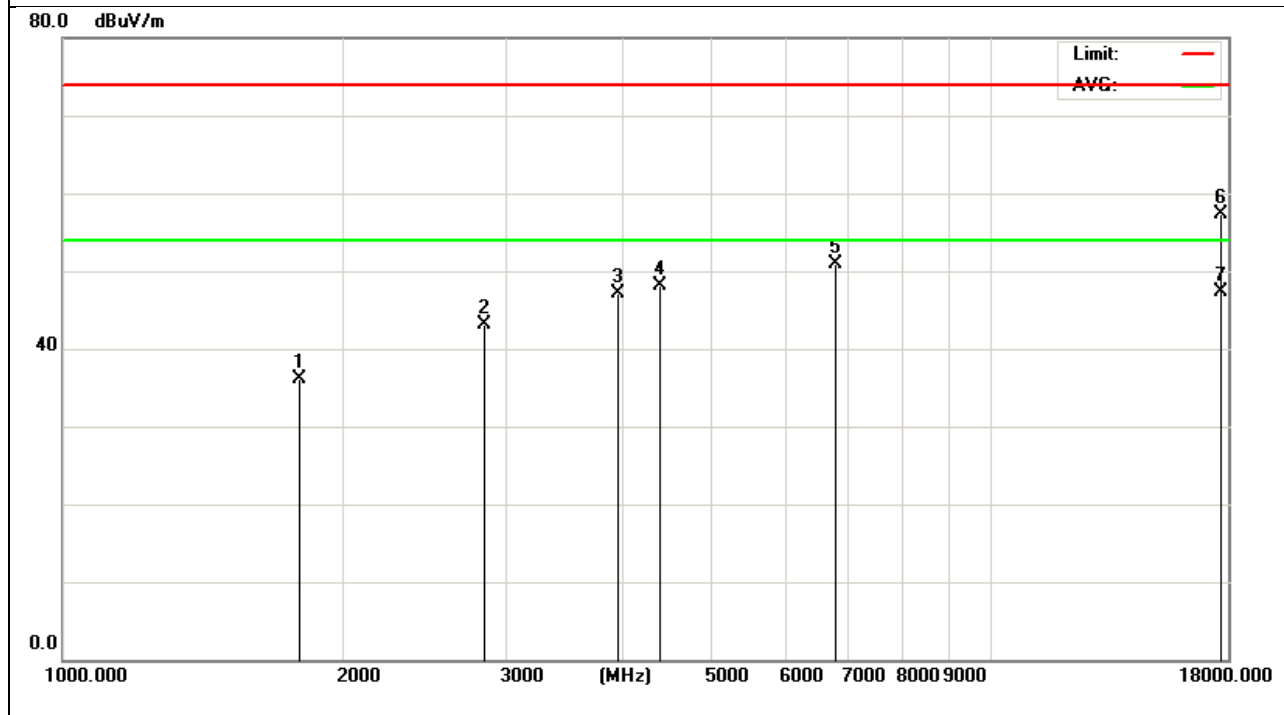
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	802.11n20 Channel 40	Polarization :	Vertical
Measurement Distance	3 m	FrequencyRange	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1797.884	45.58	-9.35	36.23	74.00	-37.77	peak
2845.231	45.72	-2.64	43.08	74.00	-30.92	peak
3954.991	43.98	3.50	47.48	74.00	-26.52	peak
4395.004	43.85	4.52	48.37	74.00	-25.63	peak
6787.869	44.92	6.04	50.96	74.00	-23.04	peak
17661.474	32.89	24.92	57.81	74.00	-16.19	peak
17661.474	22.55	24.92	47.47	54.00	-6.53	AVG

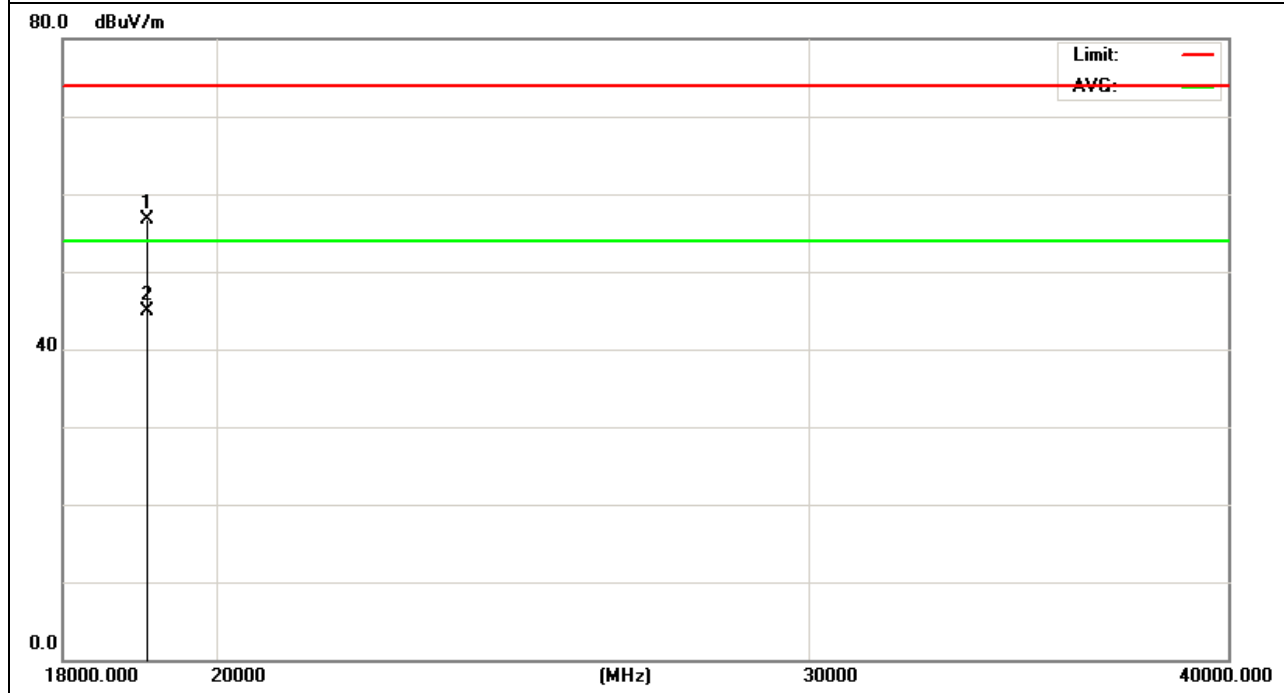
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	802.11n20 Channel 40	Polarization :	Horizontal
Measurement Distance	3 m	Frequency Range	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
19057.000	43.04	13.87	56.91	74.00	-17.09	peak
19057.000	31.15	13.87	45.02	54.00	-8.98	AVG

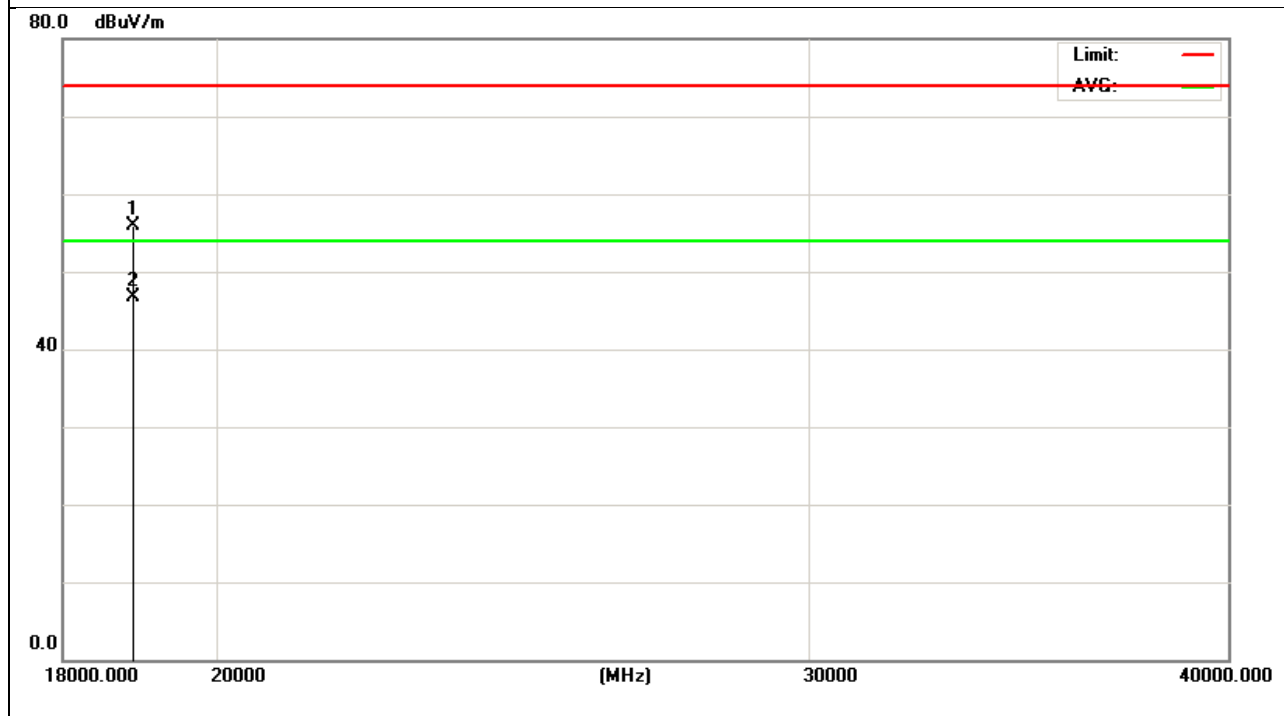
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	802.11n20 Channel 40	Polarization :	Vertical
Measurement Distance	3 m	Frequency Range	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
18897.000	42.14	13.63	55.77	74.00	-18.23	peak
18897.000	33.19	13.63	46.82	54.00	-7.18	AVG

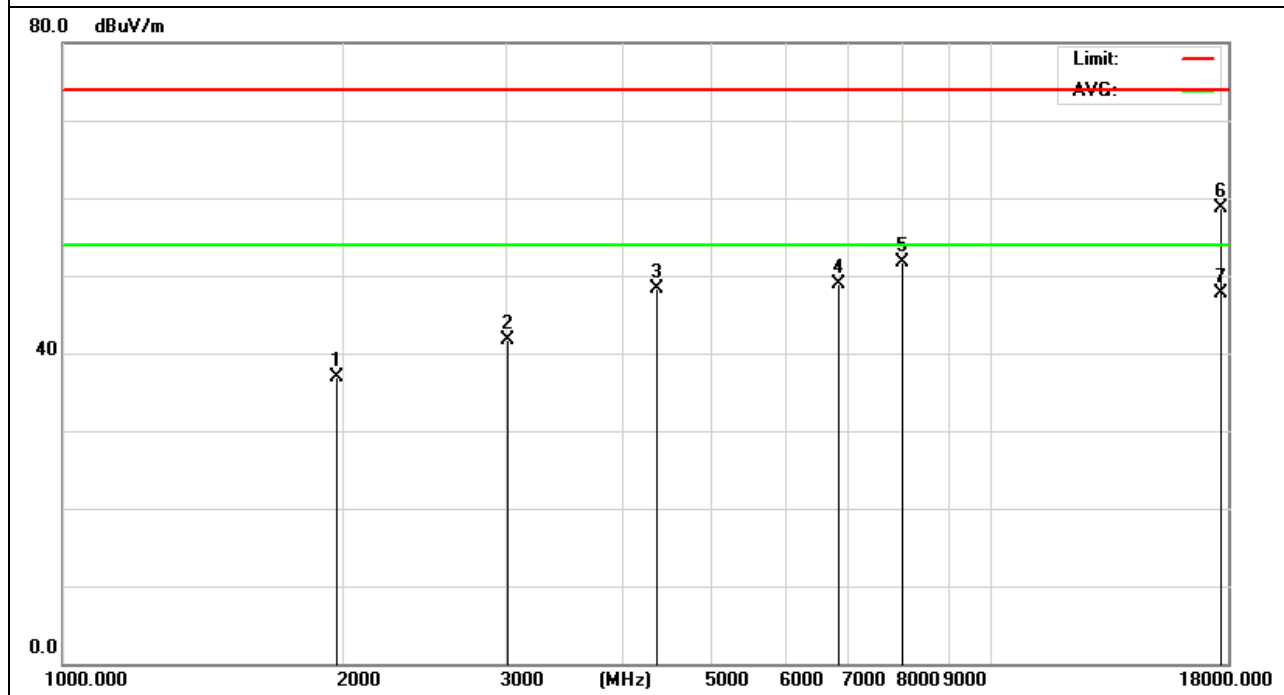
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	802.11n20 Channel 48	Polarization :	Horizontal
Measurement Distance	3 m	Frequency Range	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
1967.457	47.47	-9.22	38.25	74.00	-35.75	peak
3011.113	44.09	-1.65	42.44	74.00	-31.56	peak
4357.024	43.95	4.45	48.4	74.00	-25.6	peak
6855.003	43.02	6.09	49.11	74.00	-24.89	peak
8011.125	41.73	10.40	52.13	74.00	-21.87	peak
17658.114	33.95	24.92	58.87	74.00	-15.13	peak
17658.114	22.84	24.92	47.76	54.00	-6.24	AVG

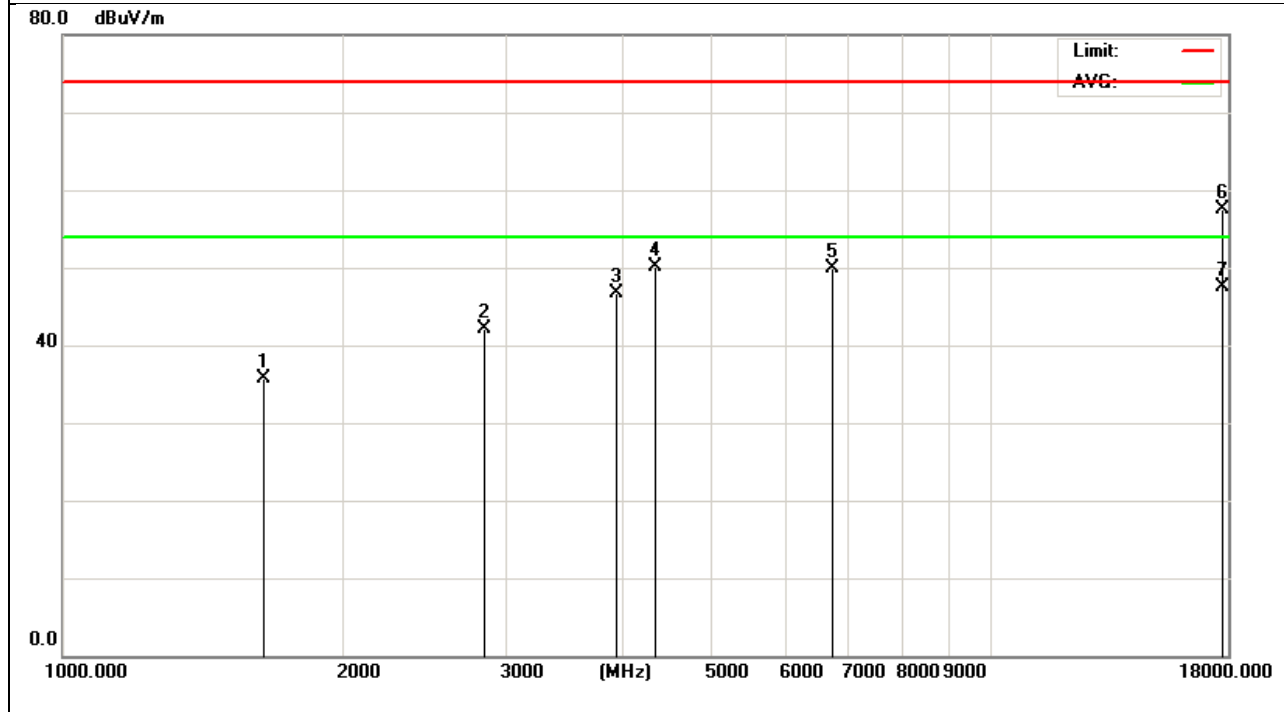
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	802.11n20 Channel 48	Polarization :	Vertical
Measurement Distance	3 m	Frequency Range	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
1647.224	46.73	-9.77	36.96	74.00	-37.04	peak
2845.820	45.13	-2.64	42.49	74.00	-31.51	peak
3945.554	44.16	3.45	47.61	74.00	-26.39	peak
4336.368	46.05	4.40	50.45	74.00	-23.55	peak
6737.021	43.89	6.00	49.89	74.00	-24.11	peak
17740.495	32.93	24.86	57.79	74.00	-16.21	peak
17740.495	22.94	24.86	47.80	54.00	-6.20	AVG

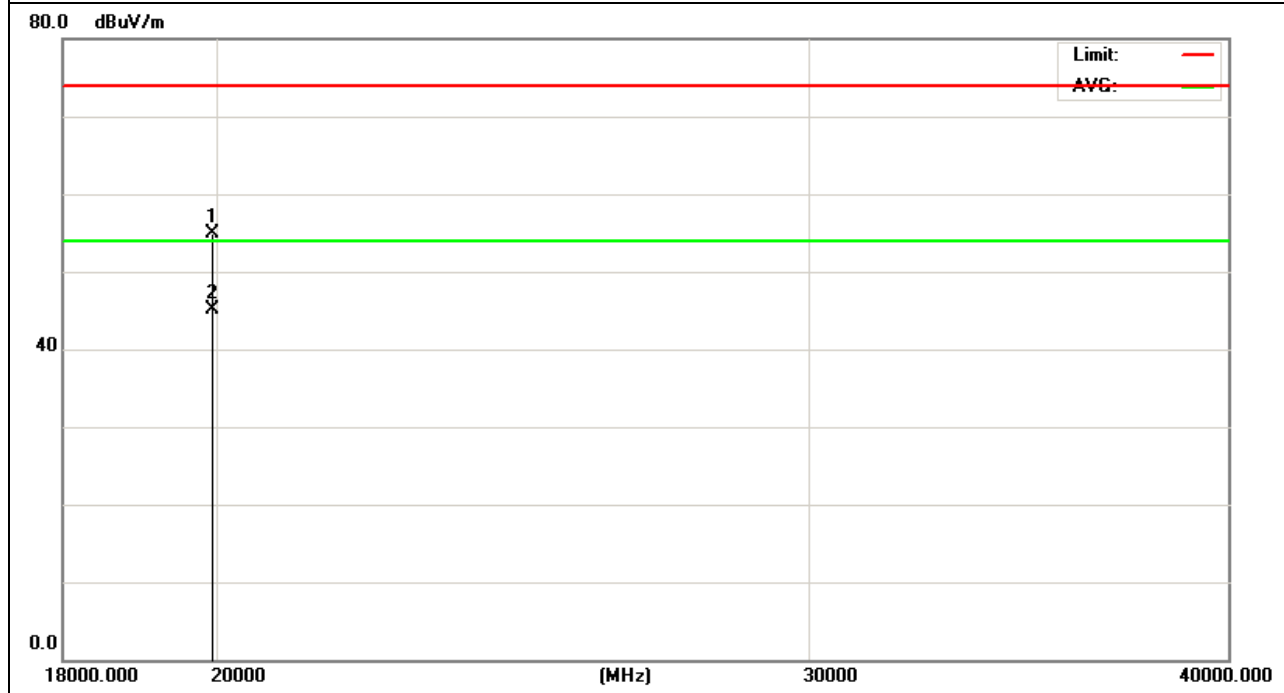
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	802.11n20 Channel 48	Polarization :	Horizontal
Measurement Distance	3 m	Frequency Range	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
19949.000	39.65	15.19	54.84	74.00	-19.16	peak
19949.000	30.31	15.19	45.5	54.00	-8.50	AVG

Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	802.11n20 Channel 48	Polarization :	Vertical
Measurement Distance	3 m	Frequency Range	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
19645.000	40.86	14.74	55.60	74.00	-18.40	
19645.000	30.81	14.74	45.55	54.00	-8.45	AVG

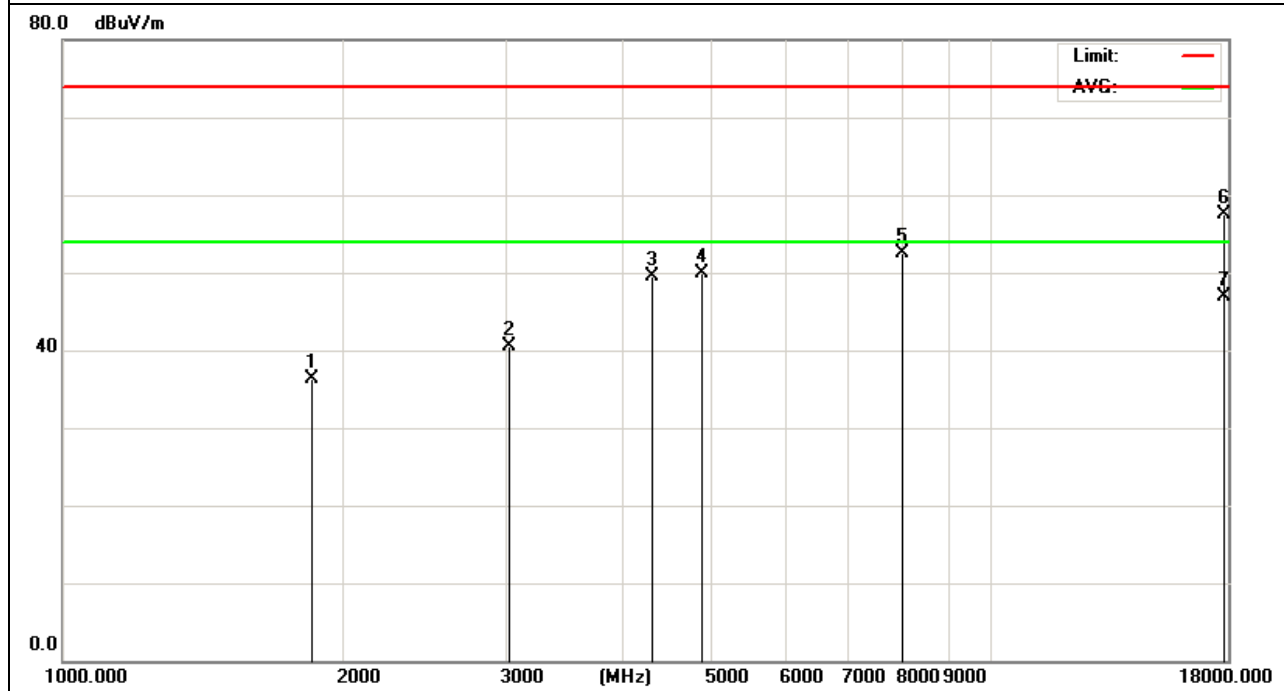
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	RX	Polarization :	Horizontal
Measurement Distance	3 m	Frequency Range	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
1852.234	46.03	-9.44	36.59	74.00	-37.41	peak
3025.514	42.11	-1.62	40.49	74.00	-33.51	peak
4310.003	45.44	4.35	49.79	74.00	-24.21	peak
4860.555	44.93	5.12	50.05	74.00	-23.95	peak
8015.887	42.79	10.4	53.19	74.00	-20.81	peak
17764.369	32.92	24.85	57.77	74.00	-16.23	peak
17764.369	22.83	24.85	47.68	54.00	-6.32	AVG

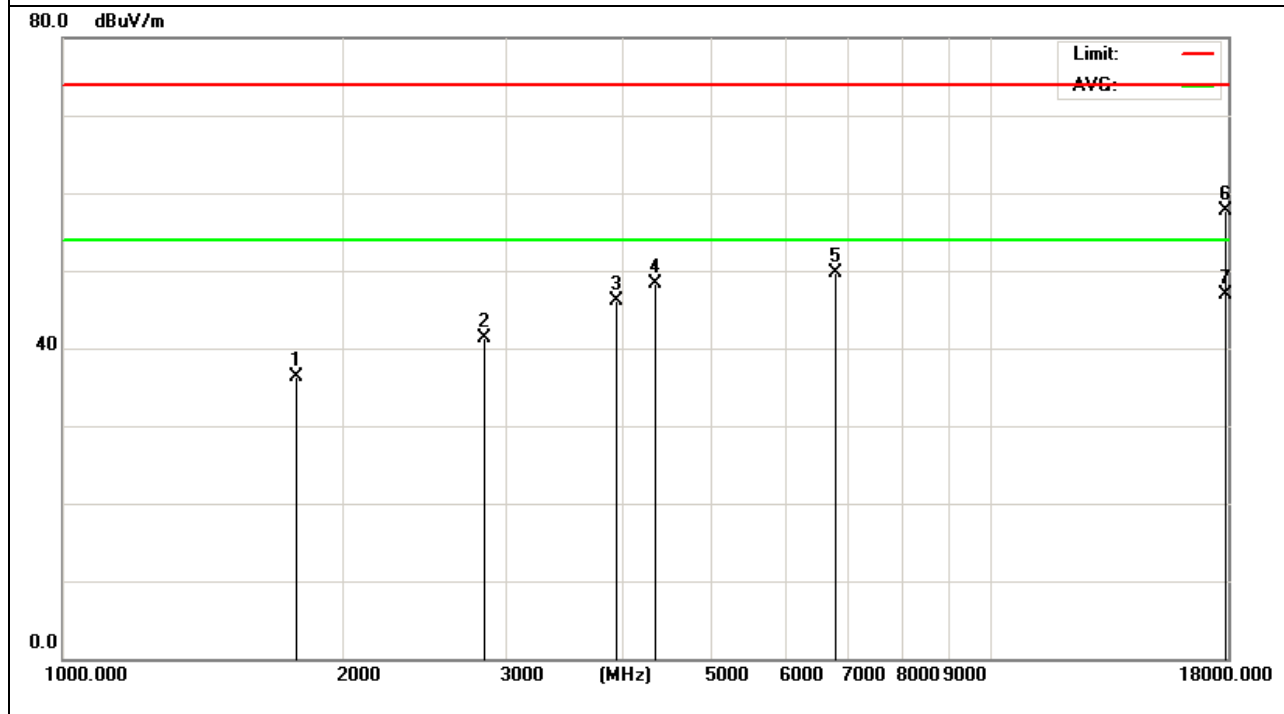
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	RX	Polarization :	Vertical
Measurement Distance	3 m	Frequency Range	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
1784.523	46.32	-9.39	36.93	74.00	-37.07	peak
2843.335	43.52	-2.64	40.88	74.00	-33.12	peak
3946.667	43.11	3.44	46.55	74.00	-27.45	peak
4331.478	44.08	4.39	48.47	74.00	-25.53	peak
6777.775	43.54	6.03	49.57	74.00	-24.43	peak
17879.115	32.99	24.76	57.75	74.00	-16.25	peak
17879.115	22.48	24.76	47.24	54.00	-6.76	AVG

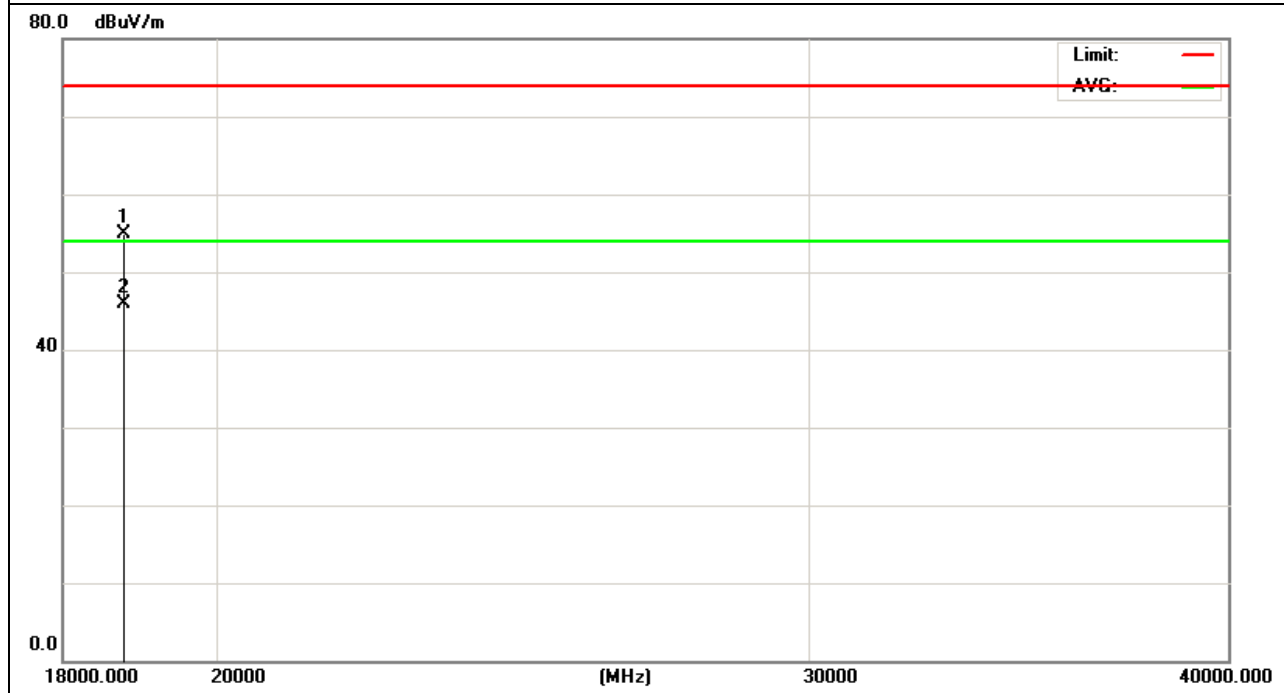
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	RX	Polarization :	Horizontal
Measurement Distance	3 m	Frequency Range	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
18774.000	41.33	13.45	54.78	74.00	-19.22	
18774.000	32.86	13.45	46.31	54.00	-7.69	AVG

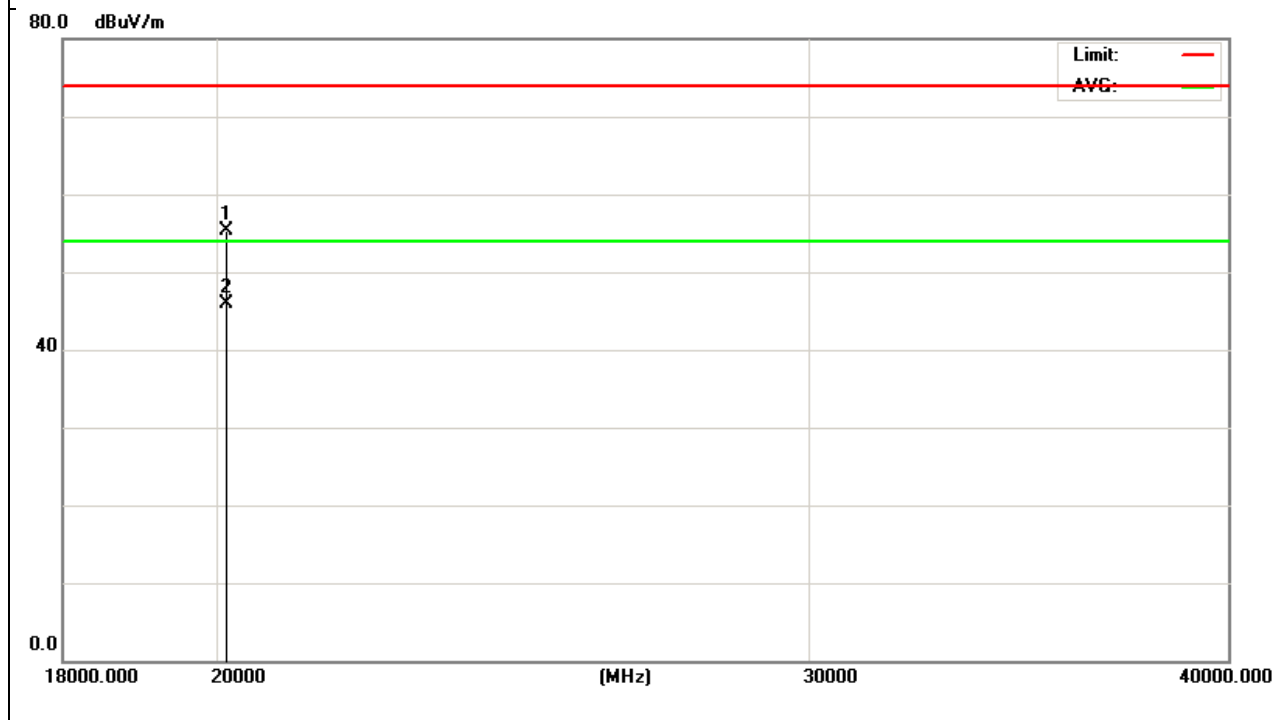
Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24 °C	Relative Humidity :	54%
Pressure :	1010 hPa	Test Date :	2021-04-21
Test Mode :	RX	Polarization :	Vertical
Measurement Distance	3 m	Frequency Range	1GHz to 40GHz
Test Power :	DC11.55V from battery		

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type
20120.000	39.72	15.44	55.16	74.00	-18.84	peak
20120.000	30.63	15.44	46.07	54.00	-7.93	AVG

Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.



No any other emissions level which are attenuated less than 20dB below the limit. No recording in the test report.

3.2.6 TEST RESULTS (RESTRICTED BANDS REQUIREMENTS)

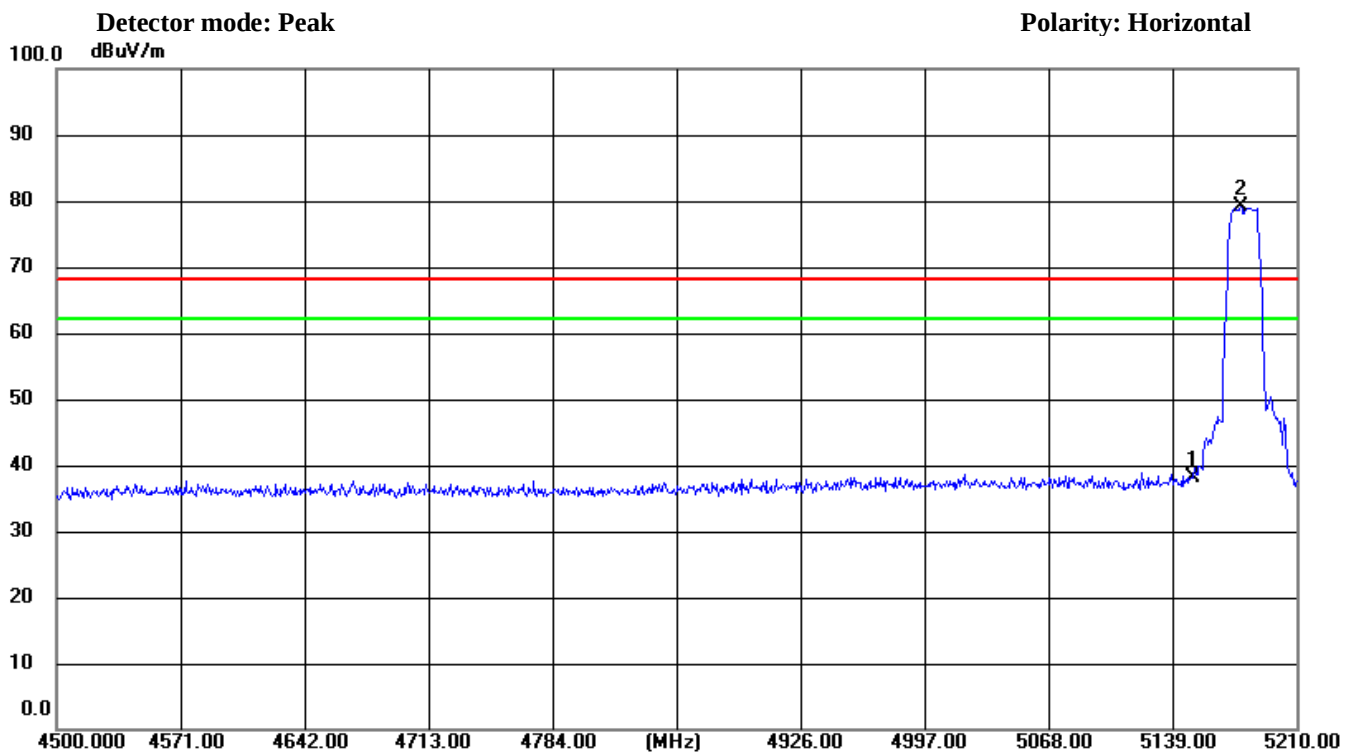
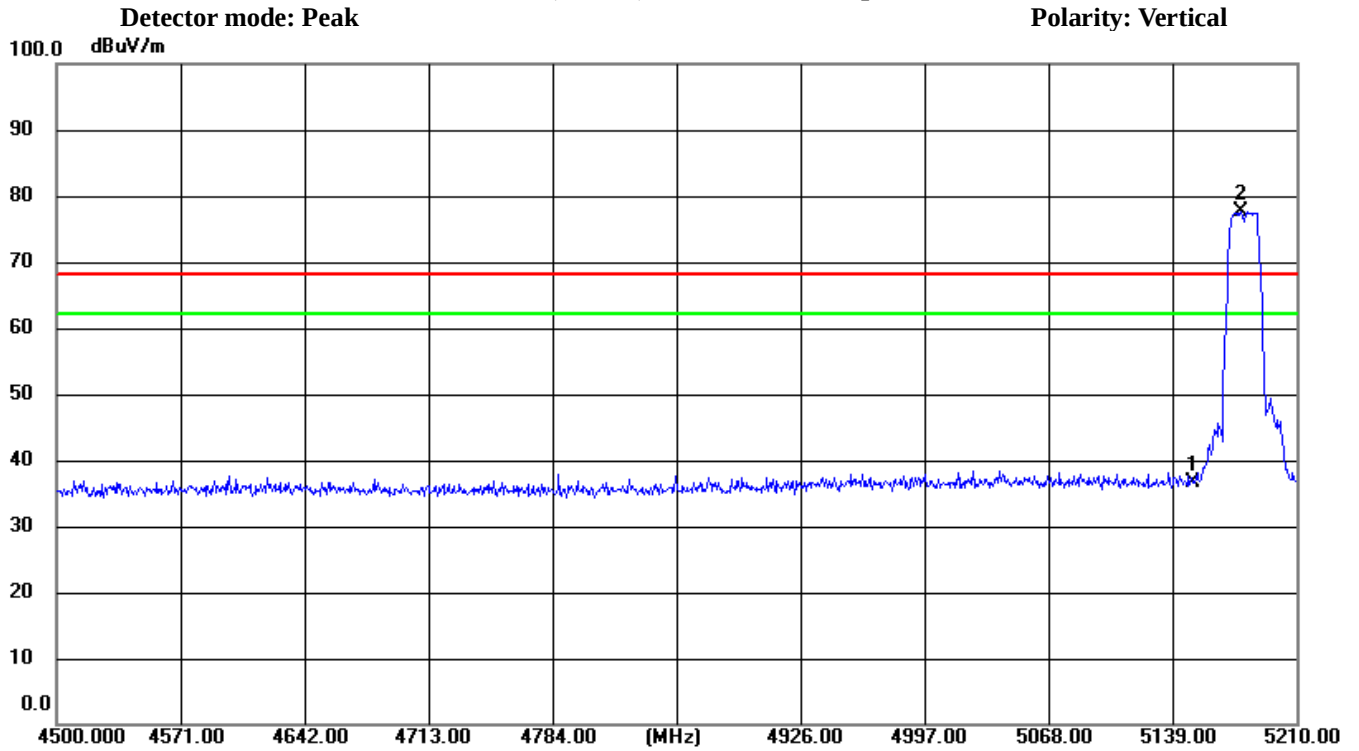
EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24°C	Relative Humidity :	51%
Pressure :	1010 hPa	Test Voltage :	DC11.55V from battery
Test Mode :	802.11a		
Test Date :	2021-04-21		
Note :	1. The transmitter was setup to transmit at the lowest channel (CH36). Then the field strength was measured at 4500-5150 MHz. 2. The transmitter was setup to transmit at the highest channel (CH48). Then the field strength was measured at 5190-5410 MHz. 3. The data of 5150MHz and 5350MHz was the worst.		

Freq. (MHz) (Peak)	Ant.Pol. H/V	Reading	Ant/CF	Act	Limit	Note
		Peak (dBuv)	Peak (dB)	Peak (dBuv/m)	Peak (dBuv/m)	
5150.000	V	31.88	4.78	36.66	68.20	CH36
5178.100	V	72.90	4.70	---	---	CH36
5150.000	H	33.33	4.78	38.11	68.20	CH36
5178.000	H	74.32	4.70	---	---	CH36
5243.000	V	77.98	4.52	---	---	CH48
5350.000	V	30.76	4.30	35.06	68.20	CH48
5243.000	H	78.34	4.52	---	---	CH48
5350.000	H	31.24	4.30	35.54	68.20	CH48

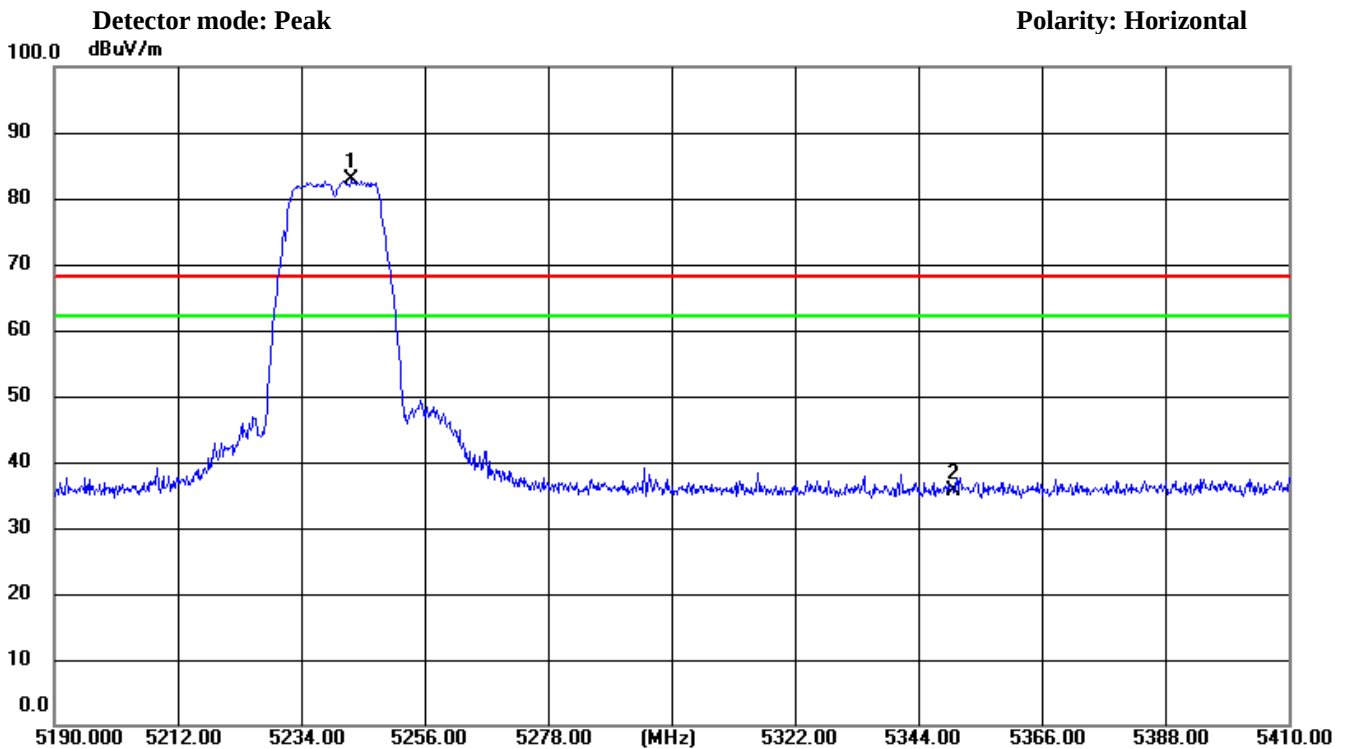
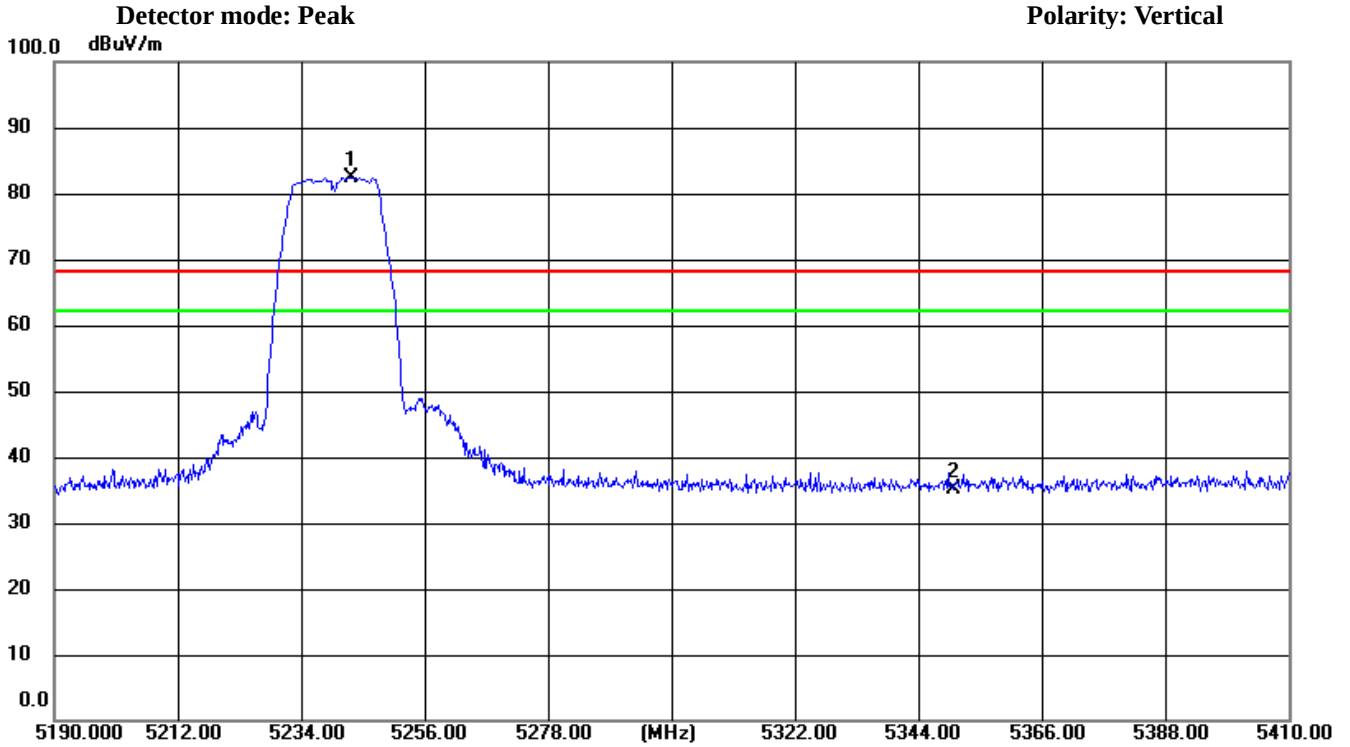
Remark :

- (1) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode
- (2) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna
- (3) Corr.Factor = Antenna Factor + Cable Loss – Pre-amplifier.

802.11a (5.15GHz-5.25GHz) CH 36 (Lower) Data rate 6Mbps



**802.11a (5.15GHz-5.25GHz)
CH 48 (Upper) Data rate 6Mbps**



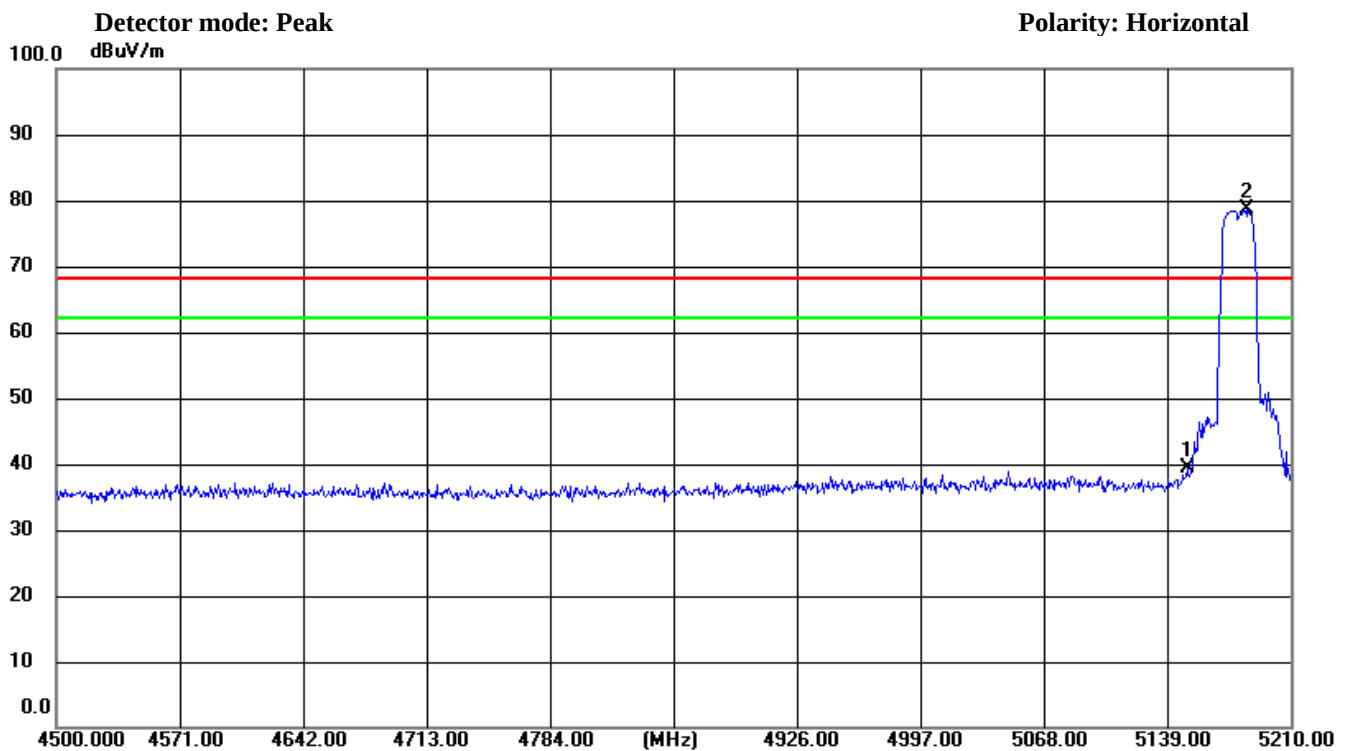
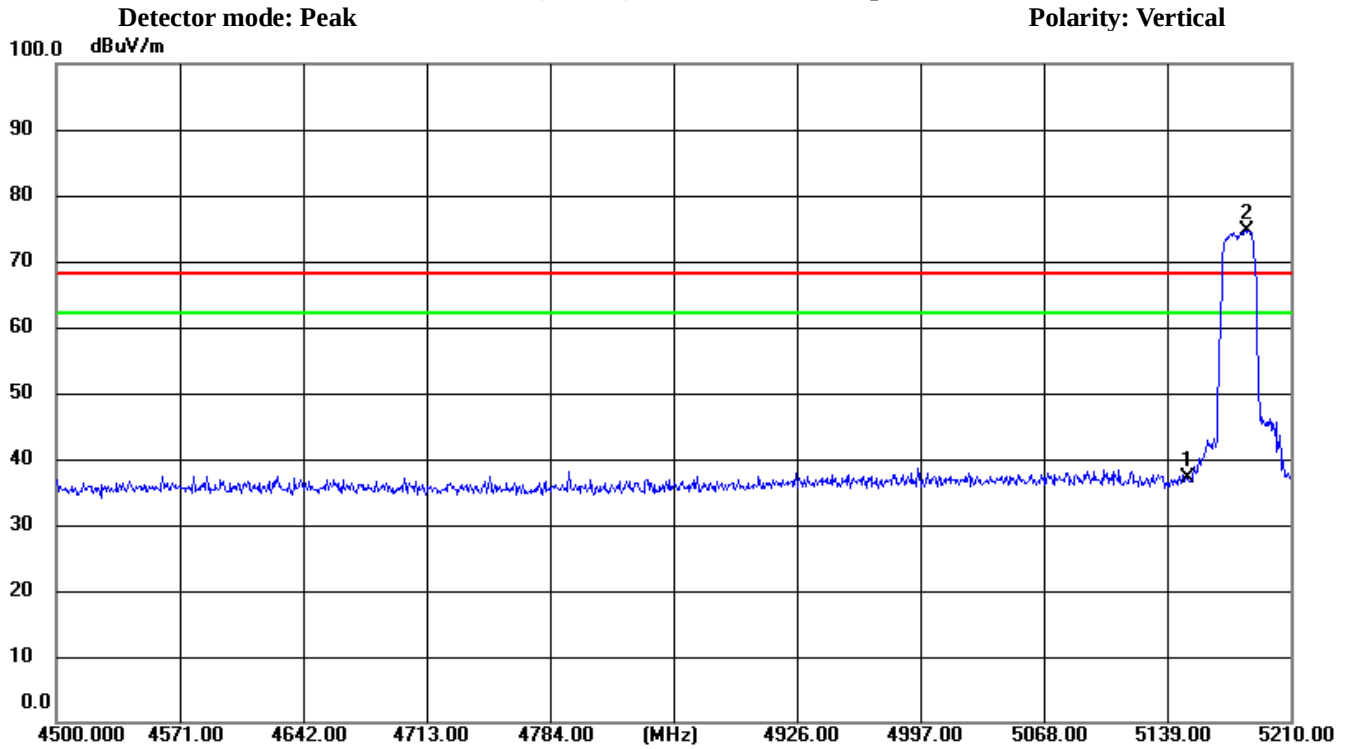
EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	24°C	Relative Humidity :	51%
Pressure :	1010 hPa	Test Voltage :	DC11.55V from battery
Test Mode :	802.11n BW20MHz		
Test Date :	2021-04-21		
Note :	1. The transmitter was setup to transmit at the lowest channel (CH36). Then the field strength was measured at 4500-5150 MHz. 2. The transmitter was setup to transmit at the highest channel (CH48). Then the field strength was measured at 5190-5410 MHz. 3. The data of 5150MHz and 5350MHz was the worst.		

Freq. (MHz) (Peak)	Ant.Pol. H/V	Reading	Ant/CF	Act	Limit	Note
		Peak (dBuv)	Peak (dB)	Peak (dBuv/m)	Peak (dBuv/m)	
5150.000	V	32.36	4.78	37.14	68.20	CH36
5185.150	V	70.00	4.67	---	---	CH36
5150.000	H	34.64	4.78	39.42	68.20	CH36
5185.150	H	74.01	4.67	---	---	CH36
5237.800	V	68.90	4.53	---	---	CH48
5350.000	V	31.28	4.30	35.58	68.20	CH48
5236.800	H	80.63	4.53	---	---	CH48
5350.000	H	33.31	4.30	37.61	68.20	CH48

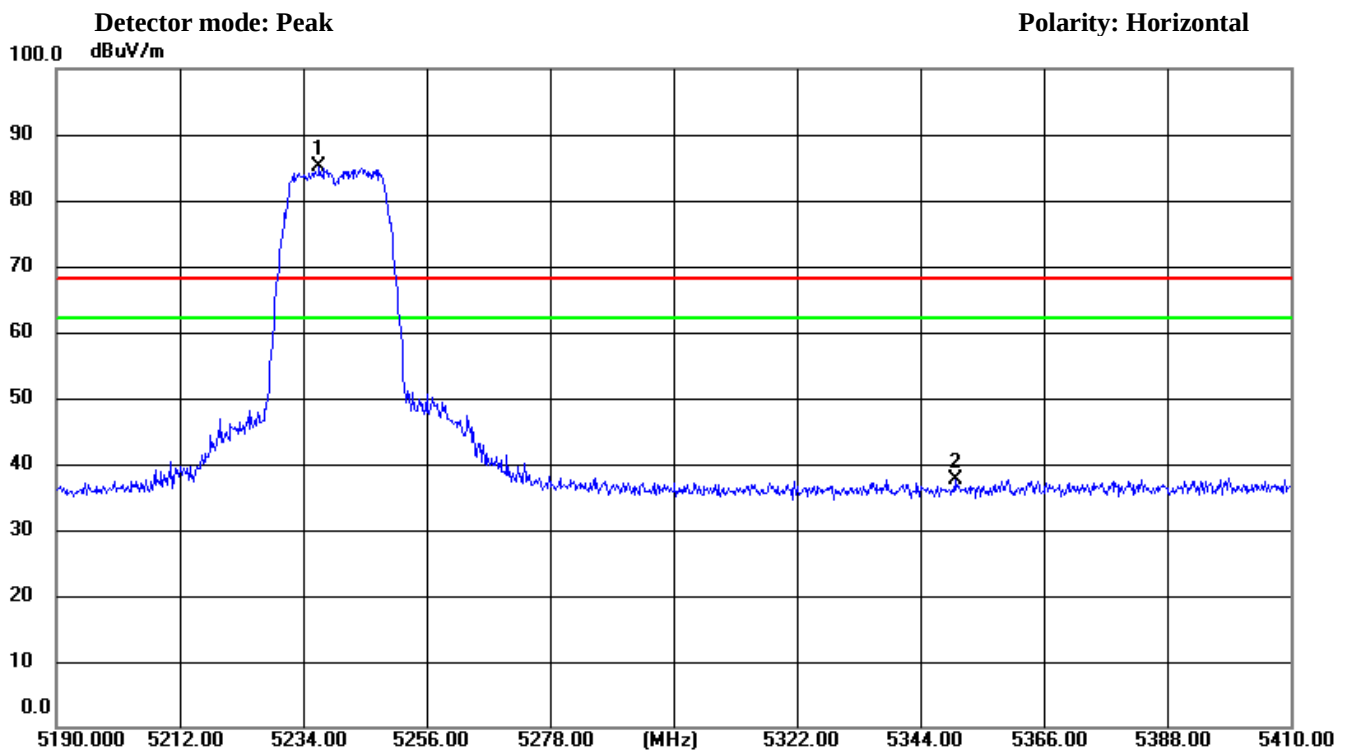
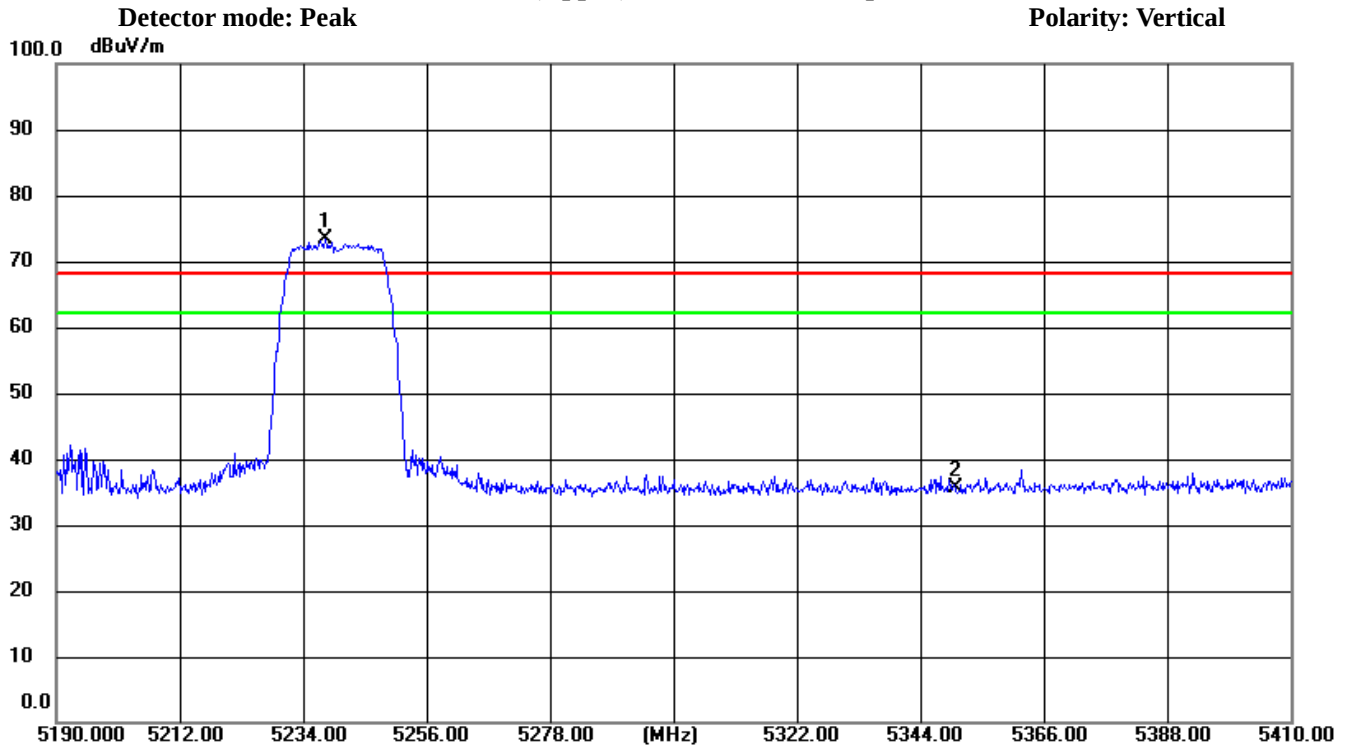
Remark :

- (1) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode
- (2) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna
- (3) Corr.Factor = Antenna Factor + Cable Loss – Pre-amplifier.

802.11n(20M) (5.15GHz-5.25GHz)
CH 36 (Lower) Data rate 7.2Mbps



802.11n(20M) (5.15GHz-5.25GHz)
CH 48(Upper) Data rate 7.2Mbps



4 OCCUPIED BANDWIDTH TEST

4.1 26DB BANDWIDTH TEST

According to §15.303(c), for purposes of this subpart the emission bandwidth shall be determined by measuring the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, that are 26 dB down relative to the maximum level of the modulated carrier. Compliance with the emissions limits is based on the use of measurement instrumentation employing a peak detector function with an instrument resolutions bandwidth approximately equal to 1.0 percent of the emission bandwidth of the device under measurement.

4.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- b. Spectrum Setting: RBW= 300kHz(802.11a/n20/ac20), RBW=510kHz(802.11n40/ac40), RBW=1MHz(802.11ac80), VBW $\geq$ RBW, Sweep time = Auto.

4.3 DEVIATION FROM STANDARD

No deviation.

4.4 TEST SETUP



4.5 TEST RESULTS

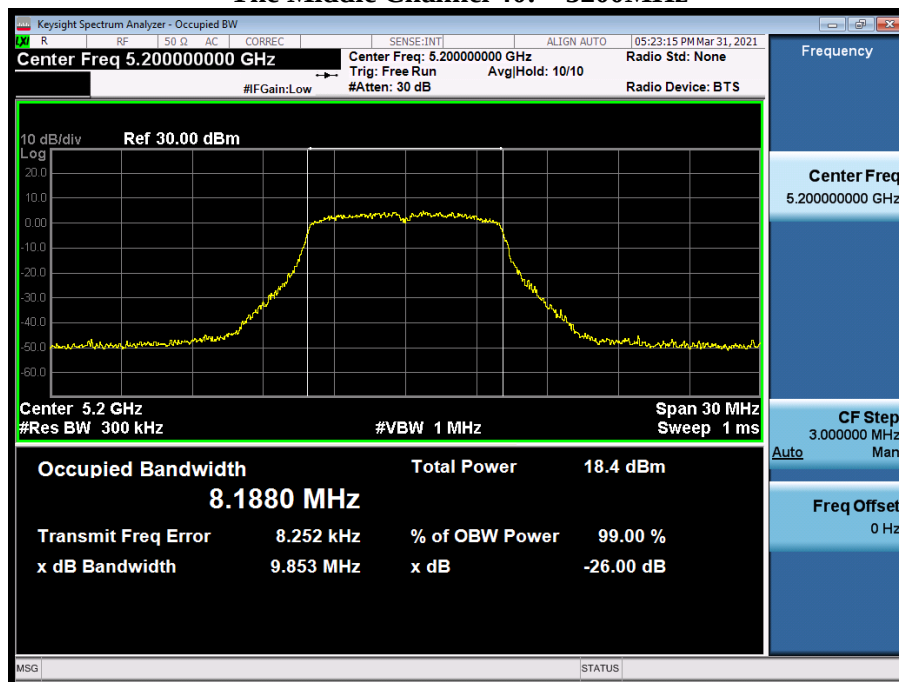
EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	26°C	Relative Humidity :	53%
Pressure :	1010 hPa	Test Power :	DC11.55V from battery
Test Mode :	802.11a/n20 (worst case) -10MHz		
Test Date :	2021-03-31		

Test Mode	Test Channel	Frequency (MHz)	26 dB Bandwidth (MHz)			
			ANT1	ANT2	ANT3	ANT4
802.11a (5.15GHz-5.25GHz) Data rate 6Mbps	CH36	5180	9.847	9.769	9.753	9.797
	CH40	5200	9.853	9.705	9.752	9.815
	CH48	5240	9.863	9.798	9.808	9.669
802.11n(20M) (5.15GHz-5.25GHz) Data rate 13Mbps	CH36	5180	10.11	9.970	10.11	10.00
	CH40	5200	10.16	10.07	10.16	10.10
	CH48	5240	10.12	10.11	10.02	10.11

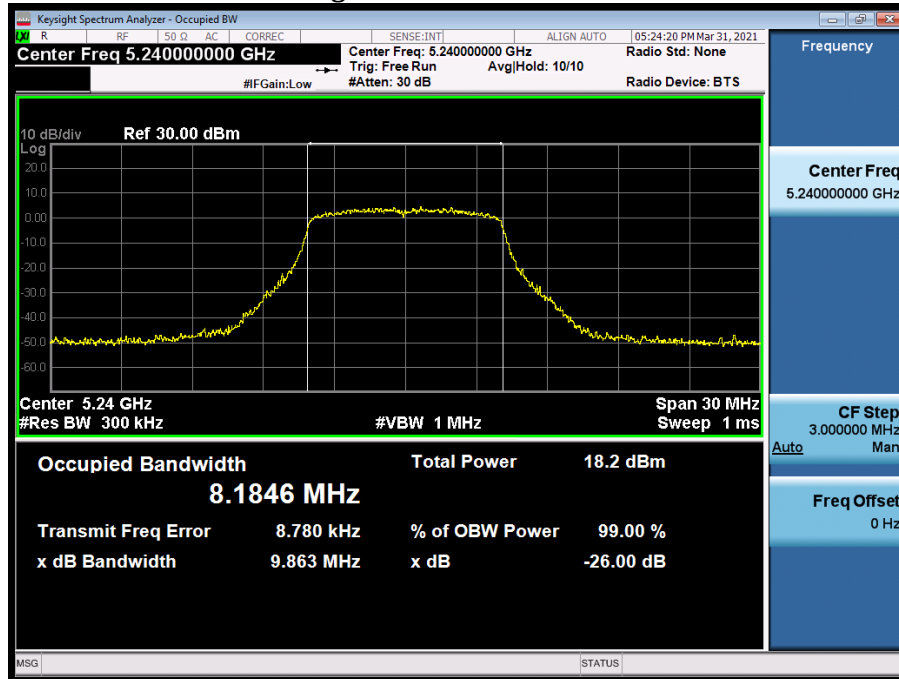
802.11a (5.15GHz-5.25GHz) The Low Channel 36: 5180MHz



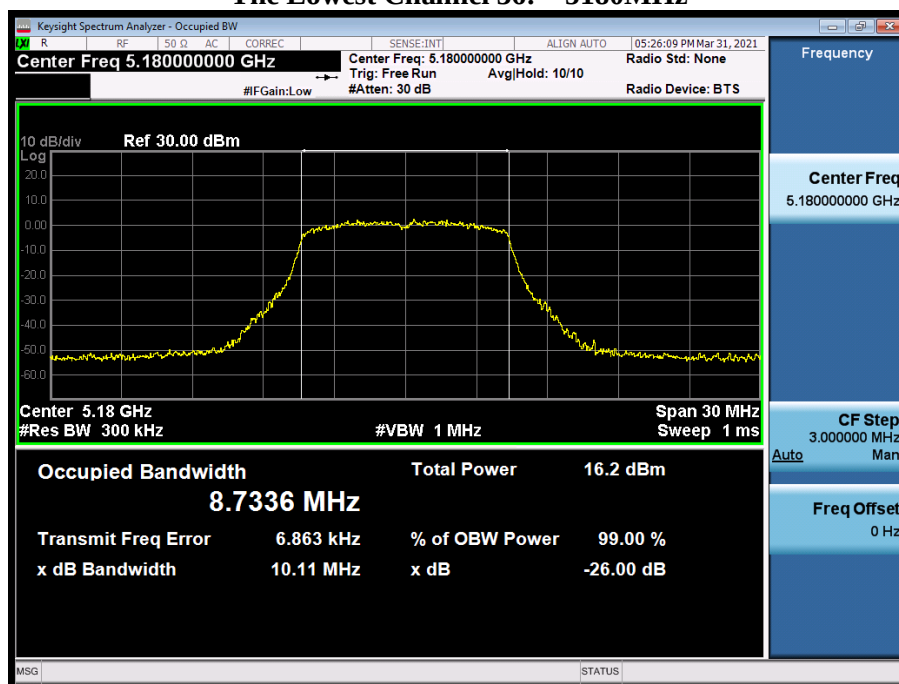
802.11a (5.15GHz-5.25GHz) The Middle Channel 40: 5200MHz



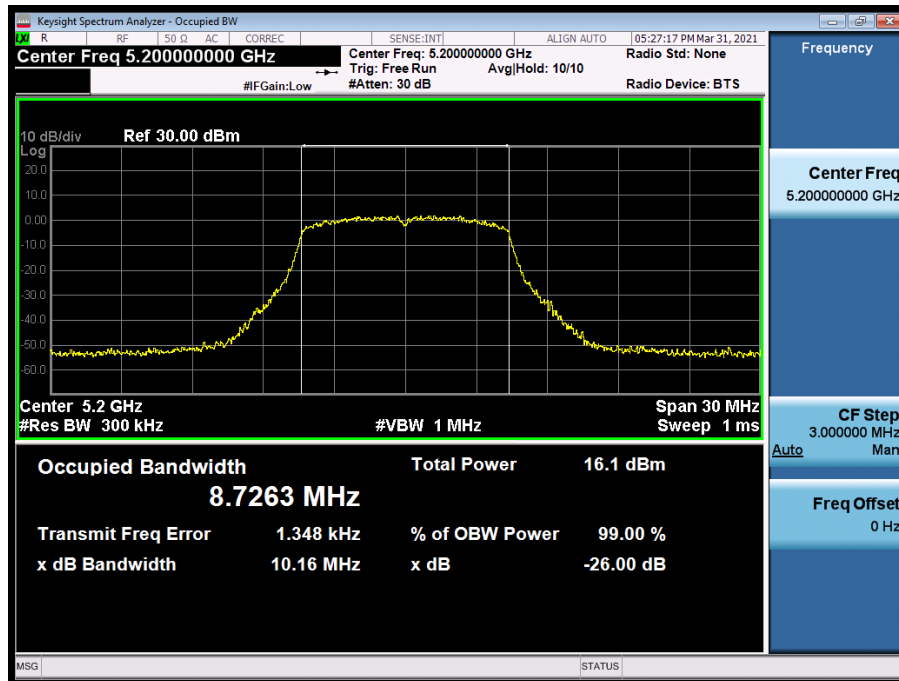
802.11a (5.15GHz-5.25GHz)
The High Channel 48: 5240MHz



802.11n(20M) (5.15GHz-5.25GHz)
The Lowest Channel 36: 5180MHz



802.11n(20M) (5.15GHz-5.25GHz) The Middle Channel 40: 5200MHz



802.11n(20M) (5.15GHz-5.25GHz) The High Channel 48: 5240MHz



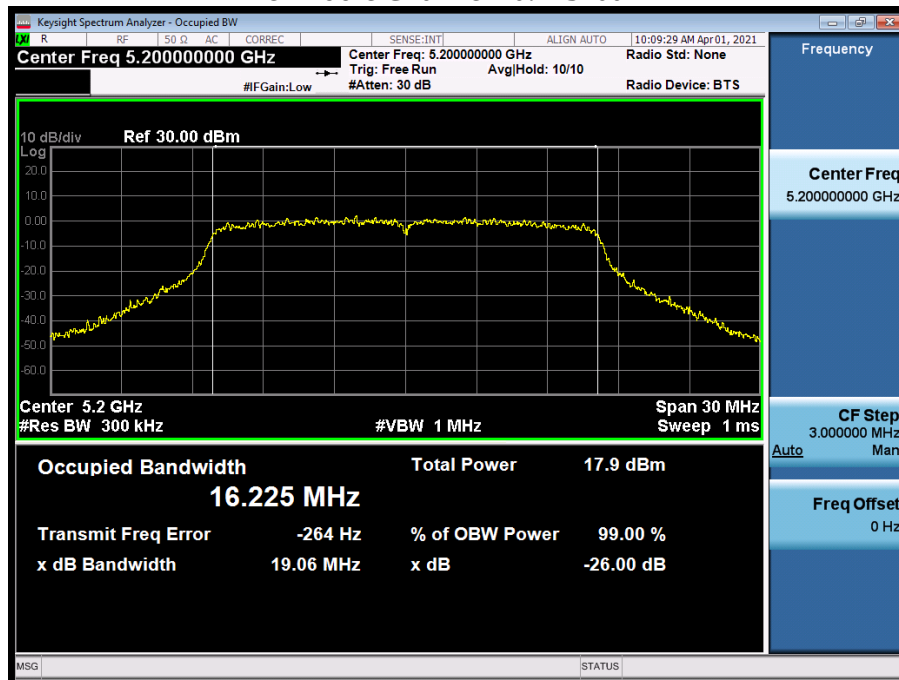
EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	26°C	Relative Humidity :	53%
Pressure :	1010 hPa	Test Power :	DC11.55V from battery
Test Mode :	802.11a/n20 (worst case) -20MHz		
Test Date :	2021-04-01		

Test Mode	Test Channel	Frequency (MHz)	26 dB Bandwidth (MHz)			
			ANT1	ANT2	ANT3	ANT4
802.11a (5.15GHz-5.25GHz) Data rate 6Mbps	CH36	5180	18.99	18.91	18.48	18.43
	CH40	5200	19.06	18.89	18.82	18.76
	CH48	5240	19.54	19.15	19.40	18.92
802.11n(20M) (5.15GHz-5.25GHz) Data rate 13Mbps	CH36	5180	19.80	19.80	19.69	19.73
	CH40	5200	19.83	19.76	19.60	19.83
	CH48	5240	19.87	19.55	19.84	19.69

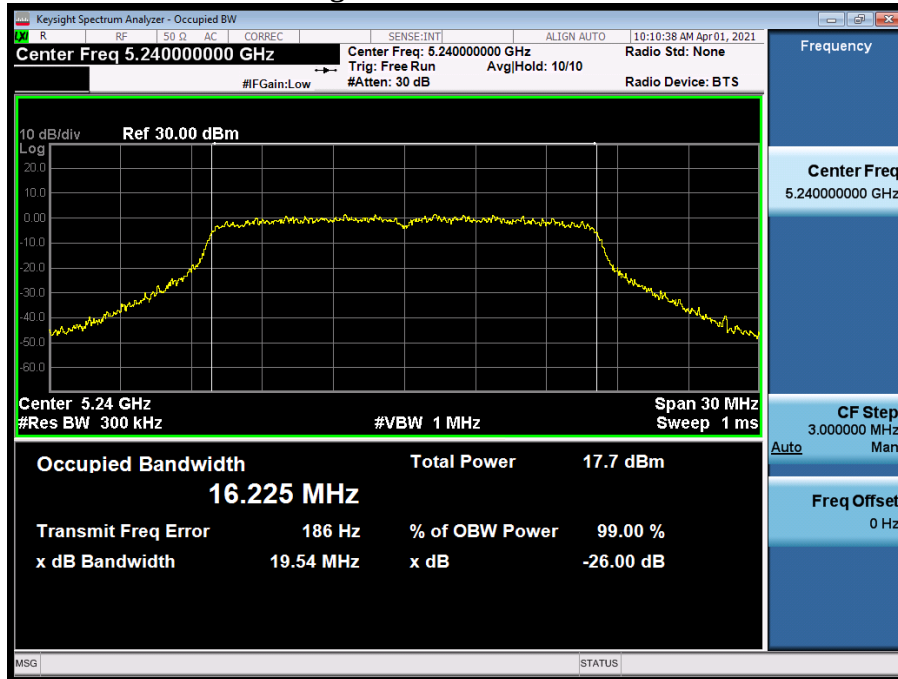
802.11a (5.15GHz-5.25GHz) The Low Channel 36: 5180MHz



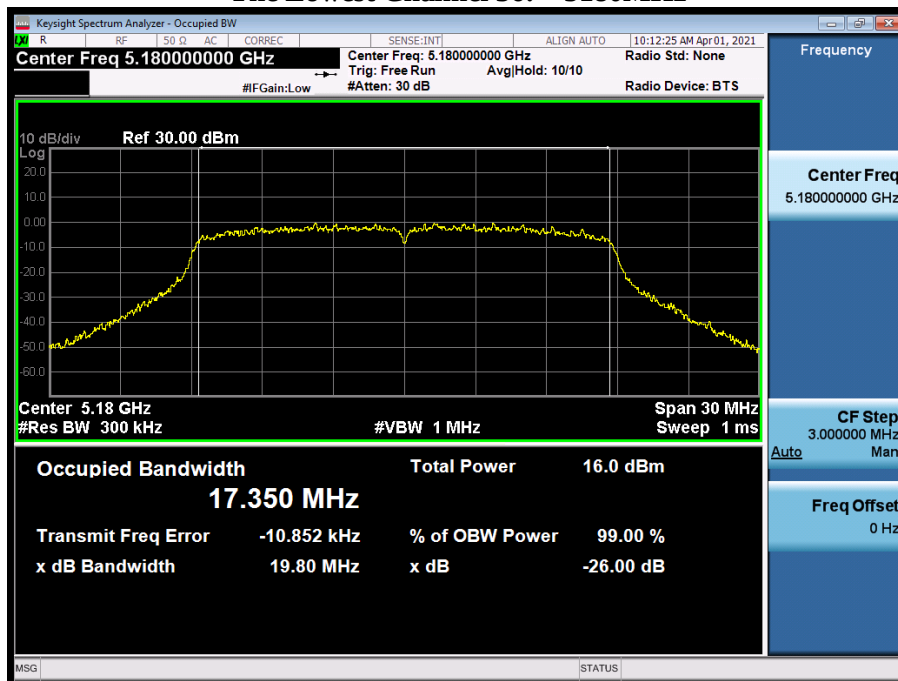
802.11a (5.15GHz-5.25GHz) The Middle Channel 40: 5200MHz



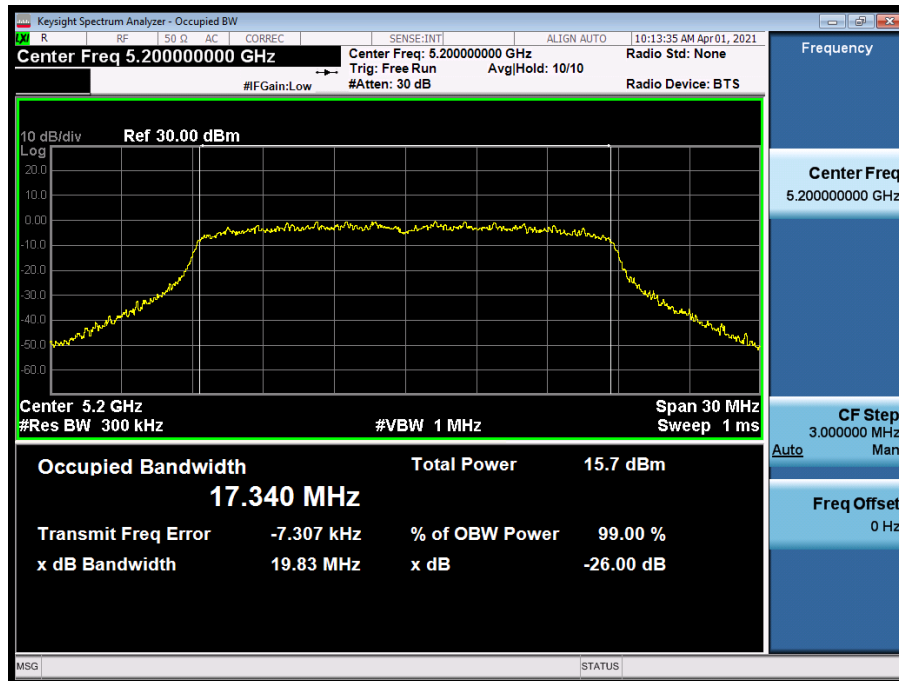
802.11a (5.15GHz-5.25GHz)
The High Channel 48: 5240MHz



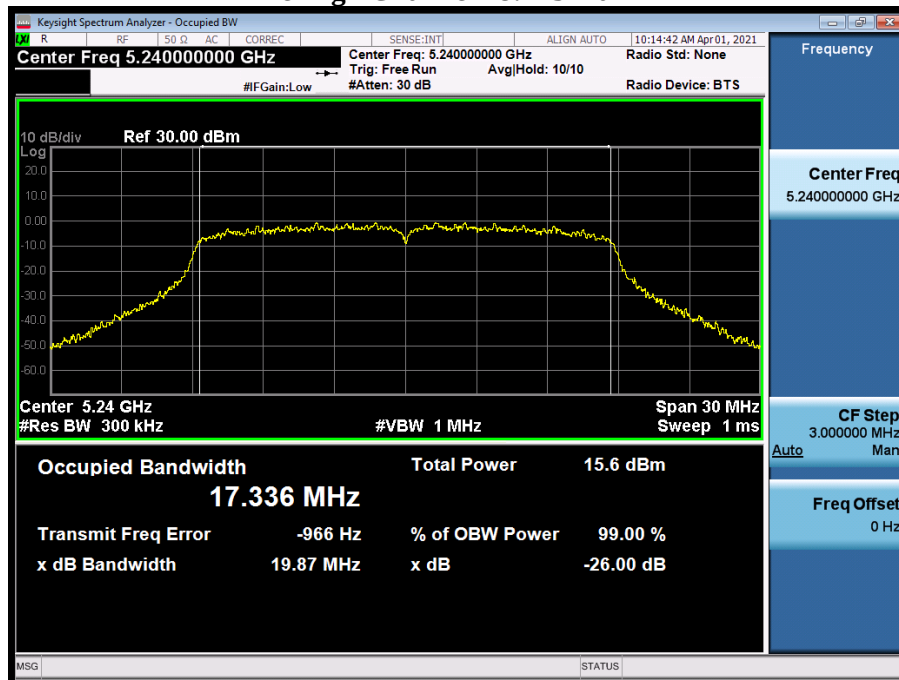
802.11n(20M) (5.15GHz-5.25GHz)
The Lowest Channel 36: 5180MHz



802.11n(20M) (5.15GHz-5.25GHz) The Middle Channel 40: 5200MHz



802.11n(20M) (5.15GHz-5.25GHz) The High Channel 48: 5240MHz



5 PEAK POWER DENSITY

5.1 APPLIED PROCEDURES / LIMIT

15.407(a) For UNII Device in the 5.15-5.25GHz, 5.25-5.35 GHz and 5.47-5.725GHz bands; peak power Density as follow.

Frequency Band	Limit
5.15 – 5.25 GHz	11dBm
5.25– 5.35GHz	11dBm
5.47 – 5.725 GHz	11dBm

5.2 TEST PROCEDURE

- a. The Transmitter output of EUT was connected to the spectrum analyzer.

Equipment mode: Spectrum analyzer

Detector function: Peak mode

SPAN: 40MHz/80MHz/120MHz

RBW: 1MHz

VBW: 3MHz

Center frequency: fundamental frequency tested.

Sweep time= 1msec.

- b. Using Peak Search to read the peak power after Maximum Hold function is completed.

5.3 DEVIATION FROM STANDARD

No deviation.

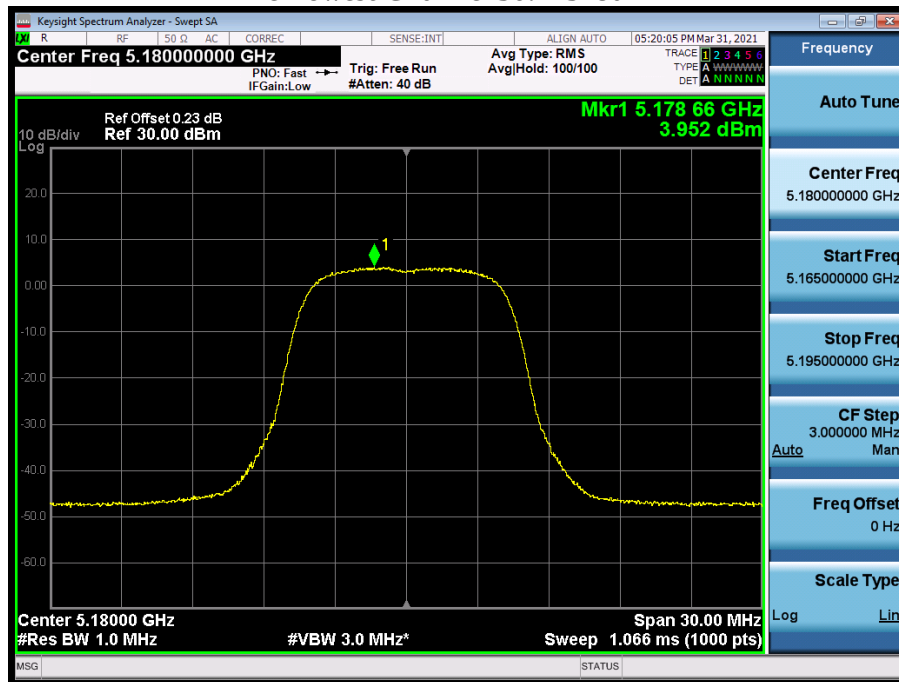
5.4 TEST RESULTS

EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	22°C	Relative Humidity :	53%
Pressure :	1010 hPa	Test Power :	DC11.55V from battery
Test Mode :	802.11a/n20 -10MHz		
Test Date :	2021-03-31		

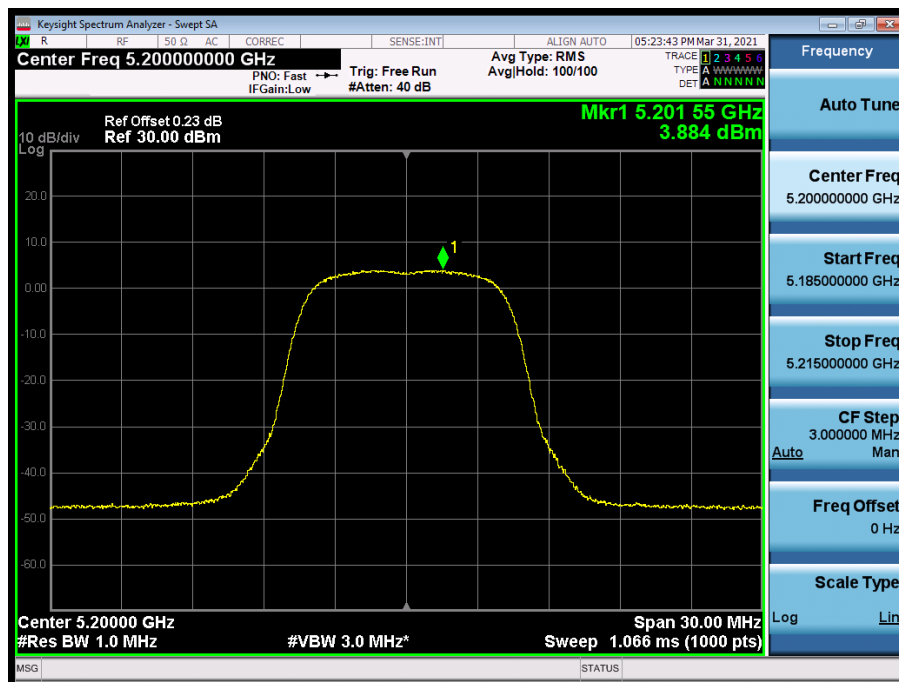
802.11a(5.15GHz-5.25GHz)Data rate 6Mbps							
Channel	Channel Frequency (MHz)	Power Density (MHz)				Limit (dBm)	Result
		ANT1	ANT2	ANT3	ANT4		
CH36	5180	3.952	3.421	3.945	3.219	11	Pass
CH40	5200	3.884	3.333	3.530	3.616	11	Pass
CH48	5240	4.176	4.077	3.657	3.499	11	Pass

802.11n(20M)(5.15GHz-5.25GHz)Data rate 13Mbps											
Channel	Channel Frequency (MHz)	Power Density (MHz)								Limit (dBm)	Result
		ANT1	ANT2	ANT3	ANT4	ANT 1+2	ANT 3+4	ANT 1+3	ANT 2+4		
CH36	5180	1.738	1.710	1.471	1.458	4.73	4.47	4.62	4.60	11	Pass
CH40	5200	1.681	1.516	1.279	1.555	4.61	4.43	4.49	4.55	11	Pass
CH48	5240	1.548	1.400	1.244	1.276	4.48	4.27	4.41	4.35	11	Pass

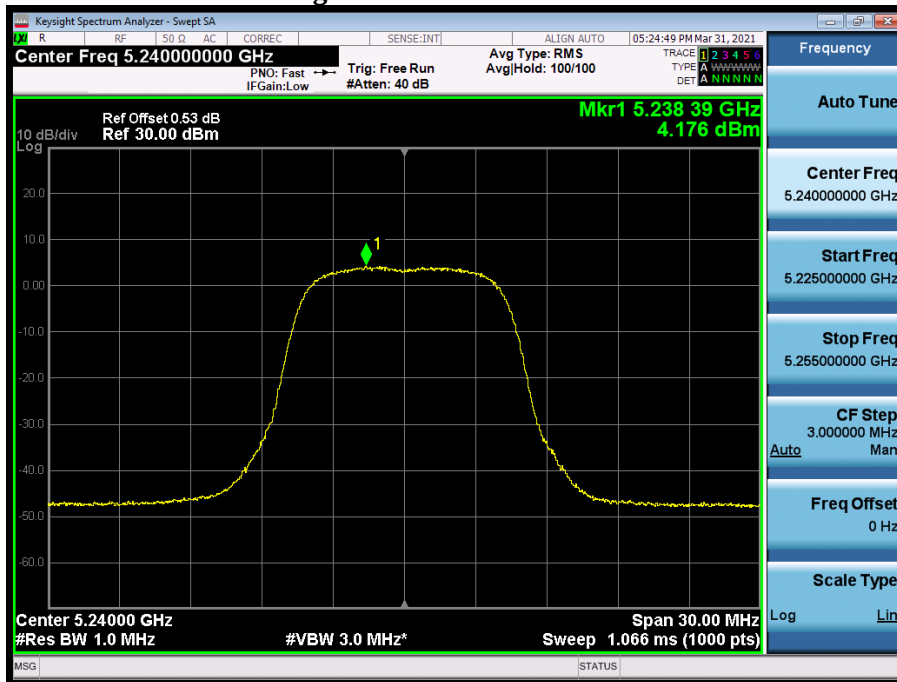
802.11a (5.15GHz-5.25GHz) The Lowest Channel 36: 5180MHz



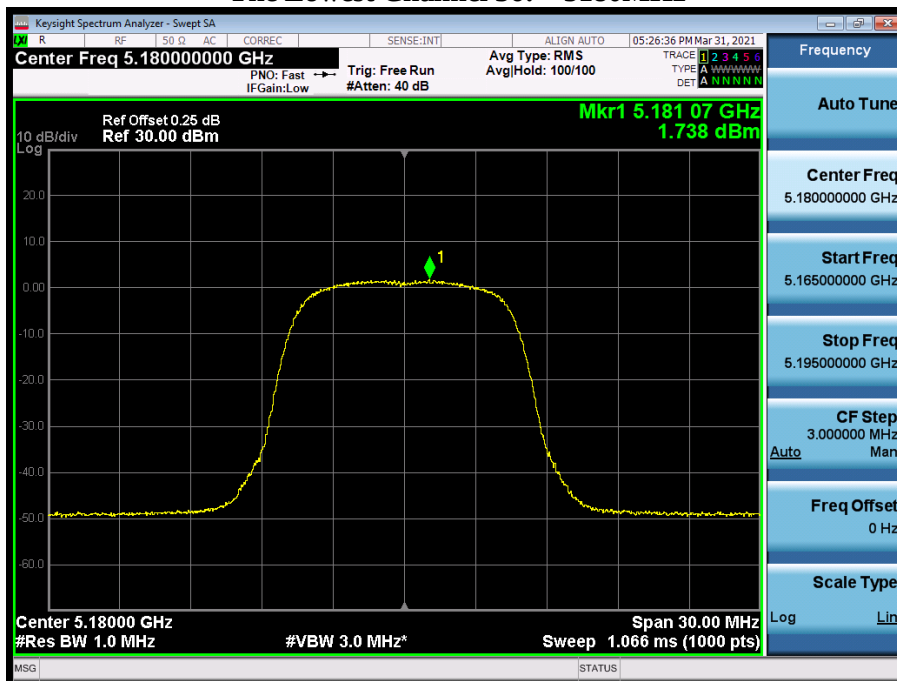
802.11a (5.15GHz-5.25GHz) The Middle Channel 40: 5200MHz



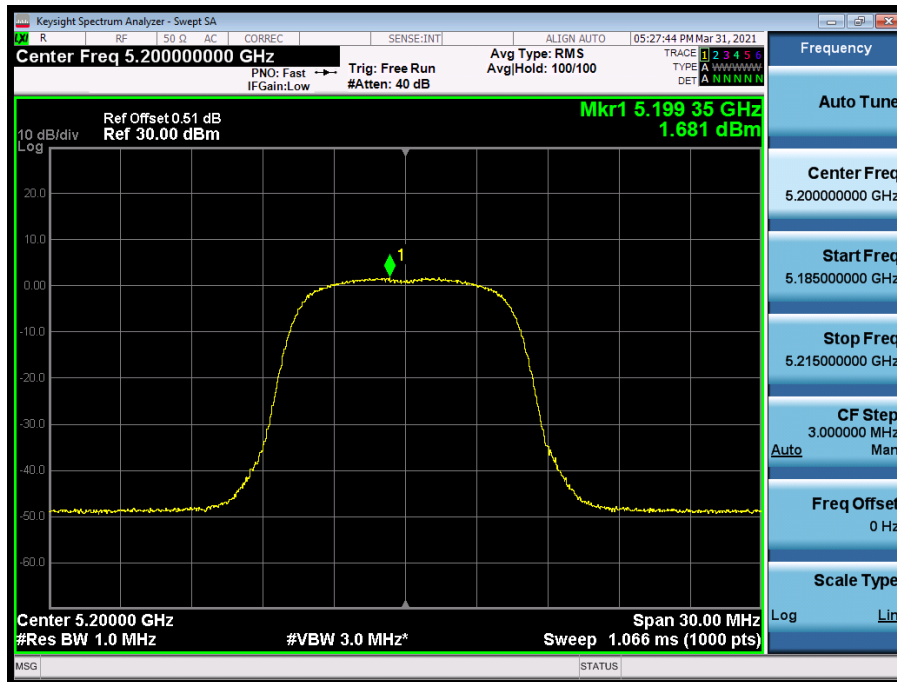
802.11a (5.15GHz-5.25GHz) The Highest Channel 48: 5240MHz



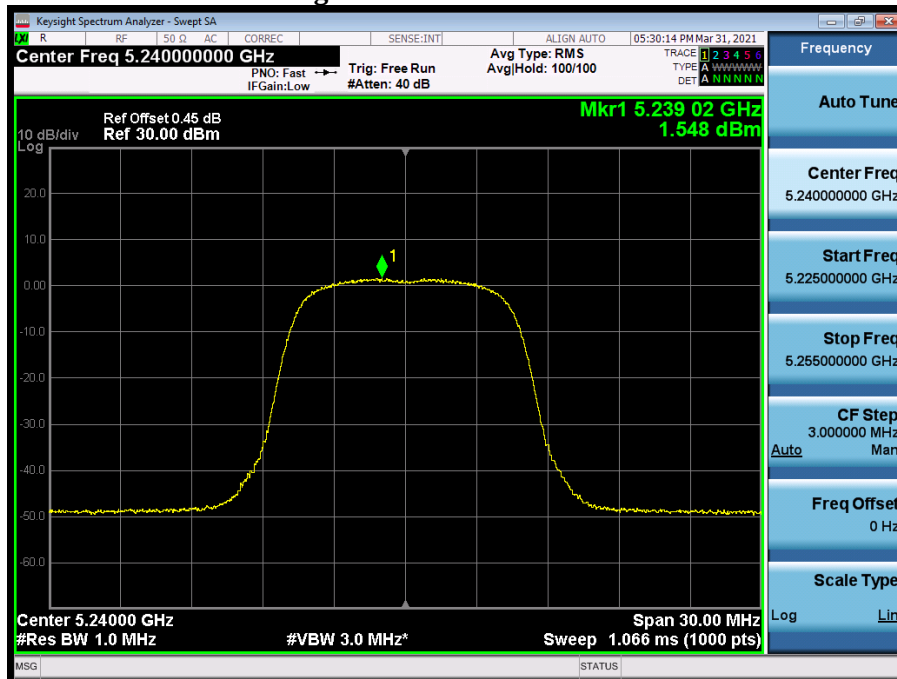
802.11n(20M) (5.15GHz-5.25GHz) The Lowest Channel 36: 5180MHz



802.11n(20M) (5.15GHz-5.25GHz) The Middle Channel 40: 5200MHz



802.11n(20M) (5.15GHz-5.25GHz) The Highest Channel 48: 5240MHz



6 MAXIMUM PEAK OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

For UNII Device in the 5.15-5.25 GHz, 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm +10 log (26 dB BW).

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.

Frequency Band	Limit
5.15 – 5.25 GHz	24 dBm
5.25-5.35 GHz	24 dBm
5.47 – 5.725 GHz	24 dBm

6.2 TEST PROCEDURE

- a. The EUT was directly connected to the power meter and antenna output port as shown in the block diagram below.

6.3 DEVIATION FROM STANDARD

No deviation.

6.4 TEST SETUP



6.5 TEST RESULTS

EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	22°C	Relative Humidity :	60%
Pressure :	1010 hPa	Test Voltage :	DC11.55V from battery
Test Mode :	802.11a/n20-10MHz		
Test Date :	2021-03-31		

802.11a(5.15GHz-5.25GHz)Data rate 6Mbps							
Channel	Channel Frequency (MHz)	Output Power (dBm)				Limit (dBm)	Result
		ANT1	ANT2	ANT3	ANT4		
CH36	5180	15.23	14.96	15.11	14.94	24	Pass
CH40	5200	14.21	13.55	13.99	13.99	24	Pass
CH48	5240	14.04	13.16	13.87	13.29	24	Pass

802.11n(20M)(5.15GHz-5.25GHz)Data rate 13Mbps											
Channel	Channel Frequency (MHz)	Output Power (dBm)								Limit (dBm)	Result
		ANT1	ANT2	ANT3	ANT4	ANT 1+2	ANT 3+4	ANT 1+3	ANT 2+4		
CH36	5180	11.15	10.27	10.92	10.55	13.74	13.75	14.05	13.42	24	Pass
CH40	5200	11.08	10.96	10.19	10.86	14.03	13.55	13.67	13.92	24	Pass
CH48	5240	10.92	10.63	10.84	10.25	13.79	13.57	13.89	13.45	24	Pass

EUT :	ANAFI USA	Model Name :	anamk3
Temperature :	22°C	Relative Humidity :	60%
Pressure :	1010 hPa	Test Voltage :	DC11.55V from battery
Test Mode :	802.11a/n20-20MHz		
Test Date :	2021-04-01		

802.11a(5.15GHz-5.25GHz)Data rate 6Mbps							
Channel	Channel Frequency (MHz)	Output Power (dBm)				Limit (dBm)	Result
		ANT1	ANT2	ANT3	ANT4		
CH36	5180	16.18	15.59	15.81	15.49	24	Pass
CH40	5200	16.39	15.83	16.17	15.47	24	Pass
CH48	5240	16.37	15.91	16.12	16.29	24	Pass

802.11n(20M)(5.15GHz-5.25GHz)Data rate 13Mbps											
Channel	Channel Frequency (MHz)	Output Power (dBm)								Limit (dBm)	Result
		ANT1	ANT2	ANT3	ANT4	ANT 1+2	ANT 3+4	ANT 1+3	ANT 2+4		
CH36	5180	12.22	11.93	11.56	11.28	15.09	14.43	14.91	14.63	24	Pass
CH40	5200	12.29	11.54	11.65	11.96	14.94	14.82	14.99	14.77	24	Pass
CH48	5240	11.99	11.62	11.47	11.43	14.82	14.46	14.75	14.54	24	Pass

9. EUT TEST PHOTO**Radiated Measurement Photos
30MHz-1GHz****Radiated Measurement Photos
Above 1GHz**

Conducted Measurement Photos**10. APPENDIX-Photographs of EUT Constructional Details**

Please refer to report APPENDIX.

**** End of Report ****