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BACL
Bay Area Compliance Labs Corp.

FCC PART 15B

TEST REPORT

For

Aurora Multimedia Corp

205 Commercial Court Morganville, NJ 07751

FCC ID: 2AXW4-TAV

Report Type: Original Report	**Product Type:** TAVIS Series
Test Engineer:	Barry Yang, Jalon Liu, Joker Chen, Asa Chen, Leo Long
Report Number:	RXM201020056-00B
Report Date:	2021-02-05
Reviewed By:	Ivan Cao Assistant Manager
Test Laboratory:	Bay Area Compliance Laboratories Corp. (Dongguan) No.12, Pulong East 1st Road, Tangxia Town, Dongguan, Guangdong, China Tel: +86-769-86858888 Fax: +86-769-86858891 www.baclcorp.com.cn

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GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

EUT Name:	TAVIS Series
EUT Model:	TAV-21
Multiple Models:	TAV-10 , TAV-15
Highest Operation Frequency:	2480 MHz
Rated Input Voltage:	DC 12V from adapter
Serial Number:	RXM201020056-RF-S1(Model: TAV-21) RXM201020056-RF- S2(Model: TAV-10) RXM201020056-RF- S3(Model: TAV-15)
EUT Received Date:	2020-10-23
EUT Received Status:	Good

Note: The series product, models TAV-21,TAV-15,TAV-10 are electrically identical, all 3 models was fully tested. The difference between them was explained in the declaration letter.

Objective

This report is prepared on behalf of ***Aurora Multimedia Corp*** in accordance with FCC Part 15B Part 2, Part J, and Part 15, Subpart A and B of the Federal Communications Commission's rules..

The objective is to determine the compliance of EUT with: FCC Part 15B.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.4-2014 American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz.

Measurement Uncertainty

Parameter	Measurement Uncertainty
Unwanted Emissions, radiated	30M~200MHz: 4.58 dB for Horizontal, 4.59 dB for Vertical 200M~1GHz: 4.83 dB for Horizontal, 5.85 dB for Vertical 1G~6GHz: 4.45 dB, 6G~13GHz: 5.23 dB
Temperature	±1℃
Humidity	±5%
AC Power Lines Conducted Emission	3.12 dB (150 kHz to 30 MHz)

Note: Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Dongguan) to collect test data is located on the No.12, Pulong East 1st Road, Tangxia Town, Dongguan, Guangdong, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 897218, the FCC Designation No. : CN1220.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: CN0022.

Declarations

BACL is not responsible for the authenticity of any test data provided by the applicant. Data included from the applicant that may affect test results are marked with a triangle symbol "▲". Customer model name, addresses, names, trademarks etc. are not considered data.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

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SYSTEM TEST CONFIGURATION

Description of Test Configuration

The system was configured for testing in typical use mode.

Test Mode: Operating

Equipment Modifications

No modification was made to the EUT.

EUT Exercise Software

The software "Winthrax.exe" was used during test.

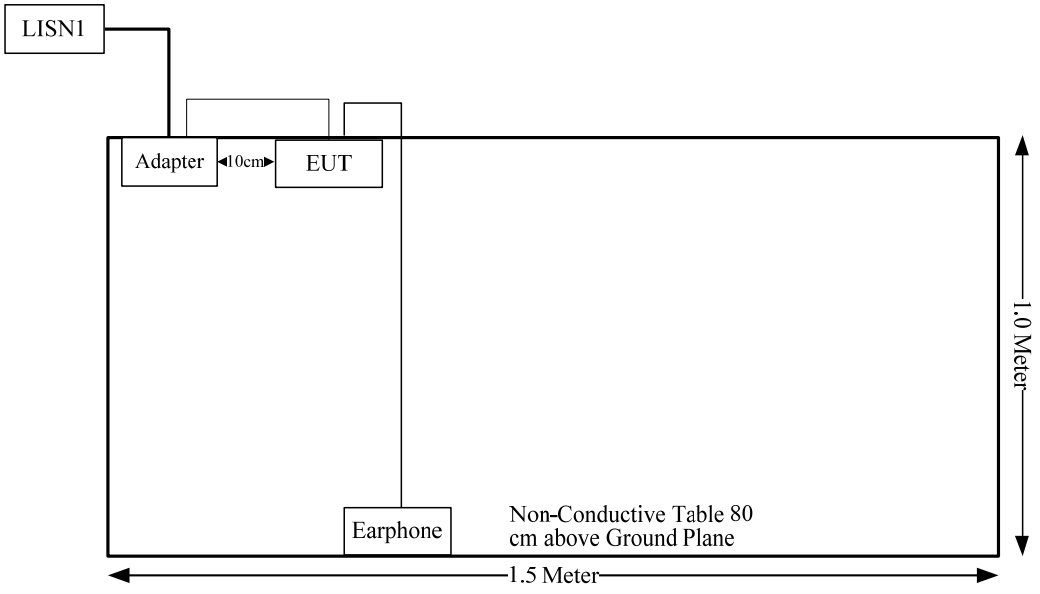
Local Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
Lenovo	Laptop	Thinkpad E450	PF-0MRADG
HUAWEI	Router	HG8245Q2	2102311RGB6RH1000053
SanDisk	Micro SD Card	UHS-I-128G	9292DVDSV0XZ
DELL	Monitor	U3011t	CN-OPH5NY-74445-16T-290L
Kingston	USB Disk	Z3	Z3-20182547

Support Cable List and Details

Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
RJ45 Cable	Yes	No	10	EUT	Router
HDMI Cable	Yes	N0	1	EUT	Monitor
Adapter Cable	Yes	N0	1.5	EUT	adapter
earphone Cable	Yes	N0	1.5	EUT	earphone

Block Diagram of Test Setup



Test Equipment List

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Conducted emissions					
R&S	LISN	ENV 216	101614	2020-09-12	2021-09-12
R&S	EMI Test Receiver	ESCI	101121	2020-07-07	2021-07-07
MICRO-COAX	Coaxial Cable	C-NJNJ-50	C-0200-01	2020-09-05	2021-09-05
R&S	Test Software	EMC32	Version 9.10.00	N/A	N/A
Radiated emissions Below 1GHz					
Sunol Sciences	Antenna	JB3	A060611-1	2020-11-10	2023-11-10
R&S	EMI Test Receiver	ESR3	102453	2020-09-12	2021-09-12
Unknown	Coaxial Cable	C-NJNJ-50	C-0075-01	2020-09-05	2021-09-05
Unknown	Coaxial Cable	C-NJNJ-50	C-0400-01	2020-09-05	2021-09-05
Unknown	Coaxial Cable	C-NJNJ-50	C-1400-01	2020-05-06	2021-05-06
HP	Amplifier	8447D	2727A05902	2020-09-05	2021-09-05
Farad	Test Software	EZ-EMC	V1.1.4.2	N/A	N/A
Radiated emissions Above 1GHz					
TDK RF	Horn Antenna	HRN-0118	130 084	2018-10-12	2021-10-12
Ducommun Technolagies	Horn Antenna	ARH-4223-02	1007726-01 1304	2017-12-06	2020-12-05
R&S	Spectrum Analyzer	FSP 38	100478	2020-07-07	2021-07-07
HUBER+SUHNER	Coaxial Cable	SUCOFLEX 126EA	MY369/26/26EA	2020-09-25	2021-09-25
Mini	Pre-amplifier	ZVA-183-S+	5969001149	2020-09-05	2021-09-05
Farad	Test Software	EZ-EMC	V1.1.4.2	N/A	N/A

* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Environmental Conditions

Test Item:	Conducted emissions	Radiated emissions (Below 1GHz)	Radiated emissions (Above 1GHz)
Temperature:	22.8 °C	18.1 °C	26.5°C
Relative Humidity:	56%	29%	49%
ATM Pressure:	101.5kPa	101.2kPa	100.9kPa
Tester:	Barry Yang	Joker Chen, Asa Chen, Leo Long	Jalon Liu
Test Date:	2020-11-26	2021-01-26	2020-11-21

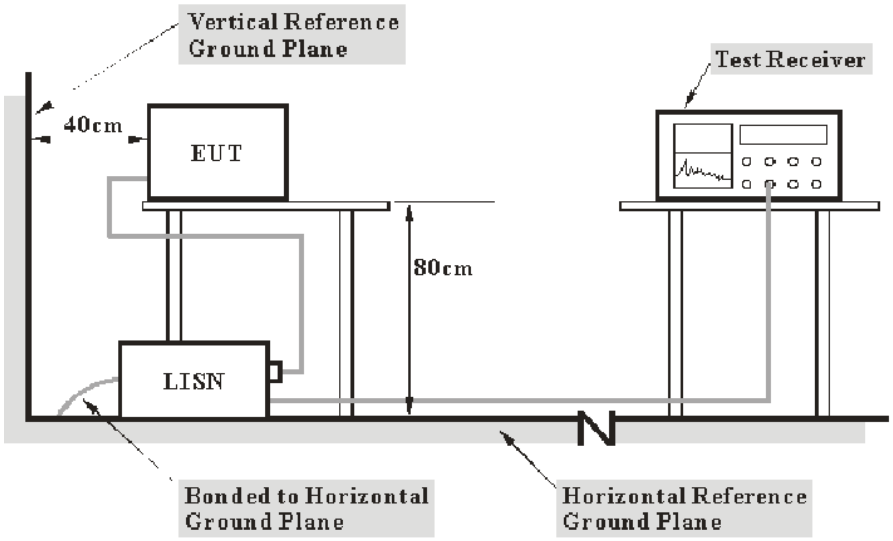
SUMARY OF TEST RESULTS

FCC Part 15B

Clause	Description of Test	Test Result
§15.107	Conducted emissions	Compliance
§15.109	Radiated emissions	Compliance

FCC PART 15B §15.107 – CONDUCTED EMISSIONS

EUT Setup



Note: 1. Support units were connected to second LISN.
2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The setup of EUT is according with per ANSI C63.4-2014 measurement procedure. The specification used was with the FCC Part 15 B Class B limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The adapter was connected to the main LISN with a 120 V/60 Hz AC power source.

EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	IF B/W
150 kHz – 30 MHz	9 kHz

Test Procedure

During the conducted emission test, the adapter or EUT was connected to the first LISN.

The frequency and amplitude of the six highest ac power-line conducted emissions relative to the limit, measured over all the current-carrying conductors of the EUT power cords, and the operating frequency or frequency to which the EUT is tuned (if appropriate), should be reported, unless such emissions are more than 20 dB below the limit. AC power-line conducted emissions measurements are to be separately carried out only on each of the phase ("hot") line(s) and (if used) on the neutral line(s), but not on the ground [protective earth] line(s). If less than six emission frequencies are within 20 dB of the limit, then the noise level of the measuring instrument at representative frequencies should be reported. The specific conductor of the power-line cord for each of the reported emissions should be identified. Measure the six highest emissions with respect to the limit on each current-carrying conductor of each power cord associated with the EUT (but not the power cords of associated or peripheral equipment that are part of the test configuration). Then, report the six highest emissions with respect to the limit from among all the measurements identifying the frequency and specific current-carrying conductor identified with the emission. The six highest emissions should be reported for each of the current-carrying conductors, or the six highest emissions may be reported over all the current-carrying conductors.

Corrected Amplitude & Margin Calculation

The basic equation is as follows:

Result (QuasiPeak or Average) = Meter Reading + Corr.

Note:
Corr. = Cable loss + Factor of coupling device

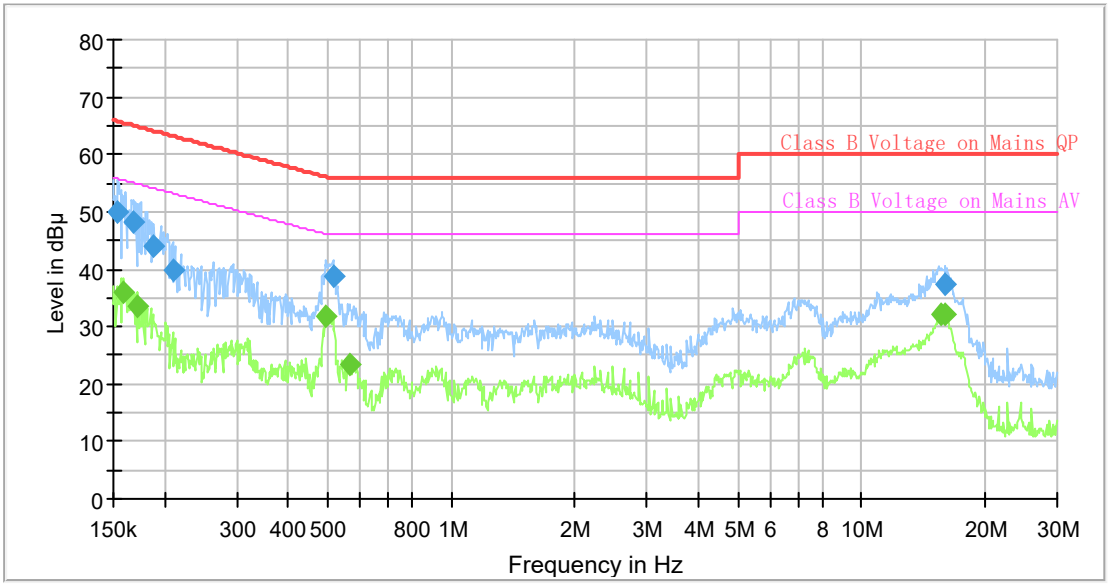
The "**Margin**" column of the following data tables indicates the degree of compliance within the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

Margin = Limit – Result

Test Data

Please refer to following table and plots:

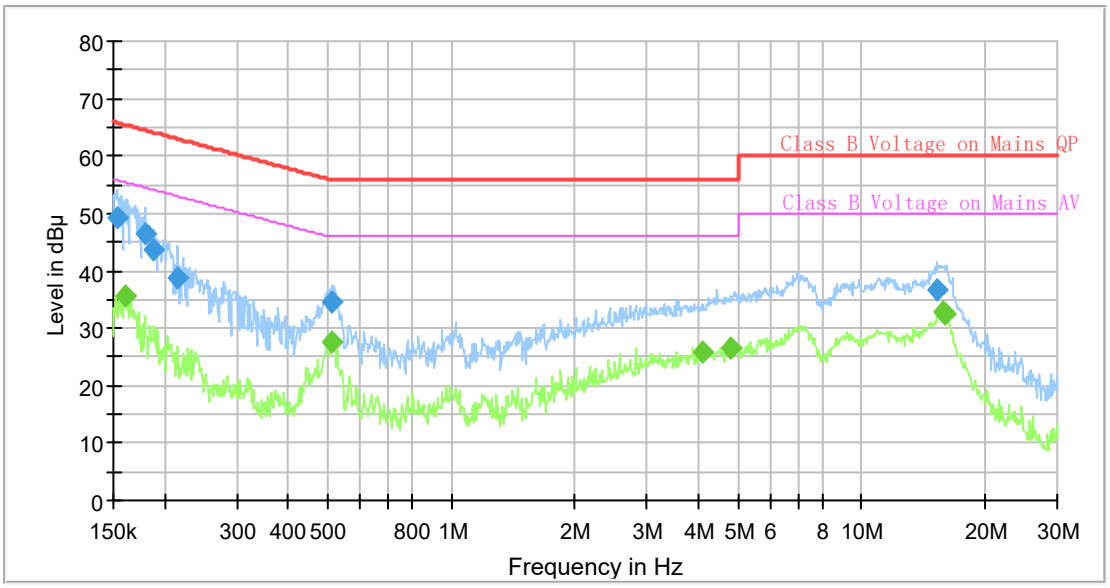
Model Number:	TAV-10
Port:	L
Test Mode:	Operating
Power Source:	AC 120V/60Hz



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.153788	50.00	---	65.79	15.79	9.000	L1	9.6
0.159252	---	36.14	55.50	19.36	9.000	L1	9.6
0.168233	48.37	---	65.05	16.68	9.000	L1	9.6
0.171623	---	33.62	54.88	21.26	9.000	L1	9.6
0.187743	44.14	---	64.14	20.00	9.000	L1	9.6
0.209516	39.66	---	63.22	23.56	9.000	L1	9.6
0.496531	---	31.90	46.06	14.16	9.000	L1	9.6
0.514172	38.74	---	56.00	17.26	9.000	L1	9.6
0.568106	---	23.35	46.00	22.65	9.000	L1	9.6
15.662490	---	31.98	50.00	18.02	9.000	L1	10.2
15.898604	---	32.14	50.00	17.86	9.000	L1	10.2
15.978097	37.31	---	60.00	22.69	9.000	L1	10.2

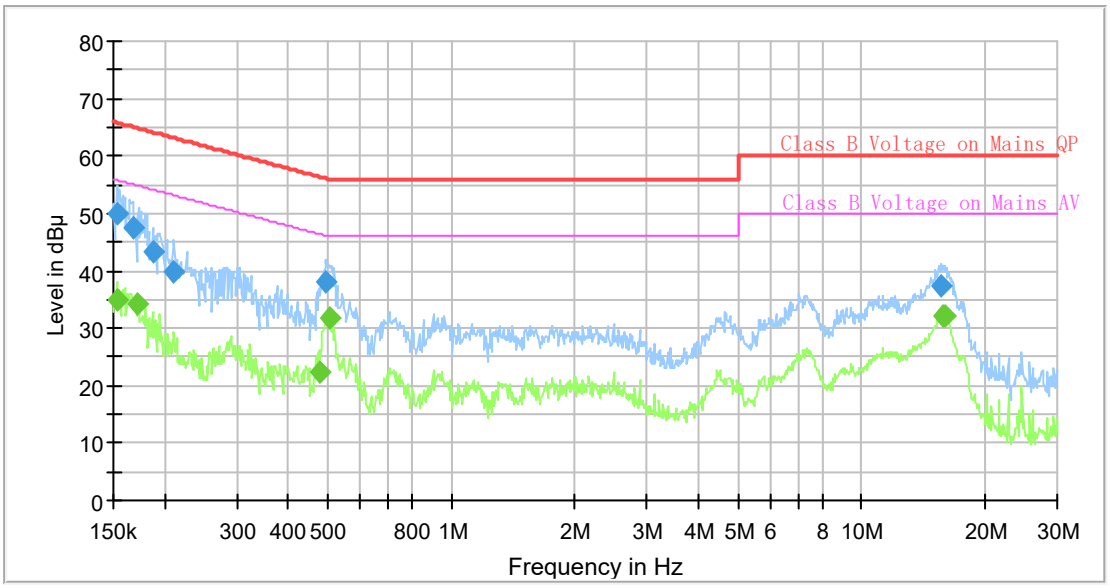
Model Number:	TAV-10
Port:	N
Test Mode:	Operating
Power Source:	AC 120V/60Hz



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.153023	49.31	---	65.83	16.52	9.000	N	9.6
0.160848	---	35.58	55.42	19.84	9.000	N	9.6
0.178609	46.51	---	64.55	18.04	9.000	N	9.6
0.187743	43.61	---	64.14	20.53	9.000	N	9.6
0.215881	38.83	---	62.98	24.15	9.000	N	9.6
0.509069	---	27.61	46.00	18.39	9.000	N	9.6
0.511614	34.74	---	56.00	21.26	9.000	N	9.6
4.074029	---	25.70	46.00	20.30	9.000	N	9.6
4.779012	---	26.50	46.00	19.50	9.000	N	9.6
15.200730	36.71	---	60.00	23.29	9.000	N	9.9
15.819507	---	32.69	50.00	17.31	9.000	N	9.9
15.898604	---	32.41	50.00	17.59	9.000	N	9.9

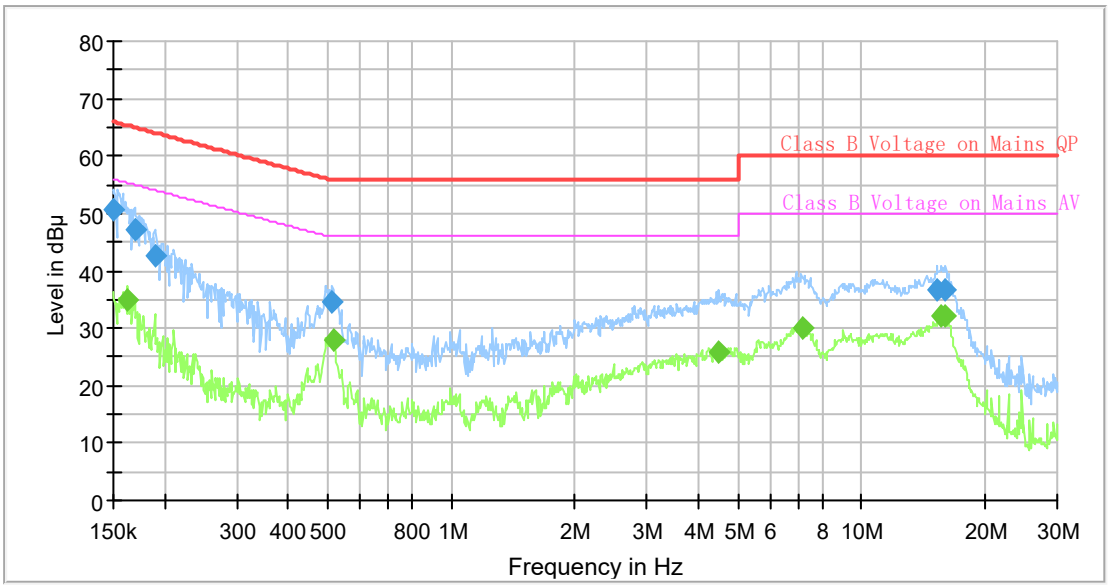
Model Number:	TAV-15
Port:	L
Test Mode:	Operating
Power Source:	AC 120V/60Hz



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.153023	---	34.90	55.83	20.93	9.000	L1	9.6
0.153023	50.08	---	65.83	15.75	9.000	L1	9.6
0.167396	47.43	---	65.09	17.66	9.000	L1	9.6
0.171623	---	34.38	54.88	20.50	9.000	L1	9.6
0.186809	43.39	---	64.18	20.79	9.000	L1	9.6
0.210564	39.66	---	63.18	23.52	9.000	L1	9.6
0.477109	---	22.30	46.39	24.09	9.000	L1	9.6
0.494060	38.13	---	56.10	17.97	9.000	L1	9.6
0.504016	---	31.69	46.00	14.31	9.000	L1	9.6
15.662490	37.27	---	60.00	22.73	9.000	L1	10.2
15.819507	---	32.11	50.00	17.89	9.000	L1	10.2
15.898604	---	32.21	50.00	17.79	9.000	L1	10.2

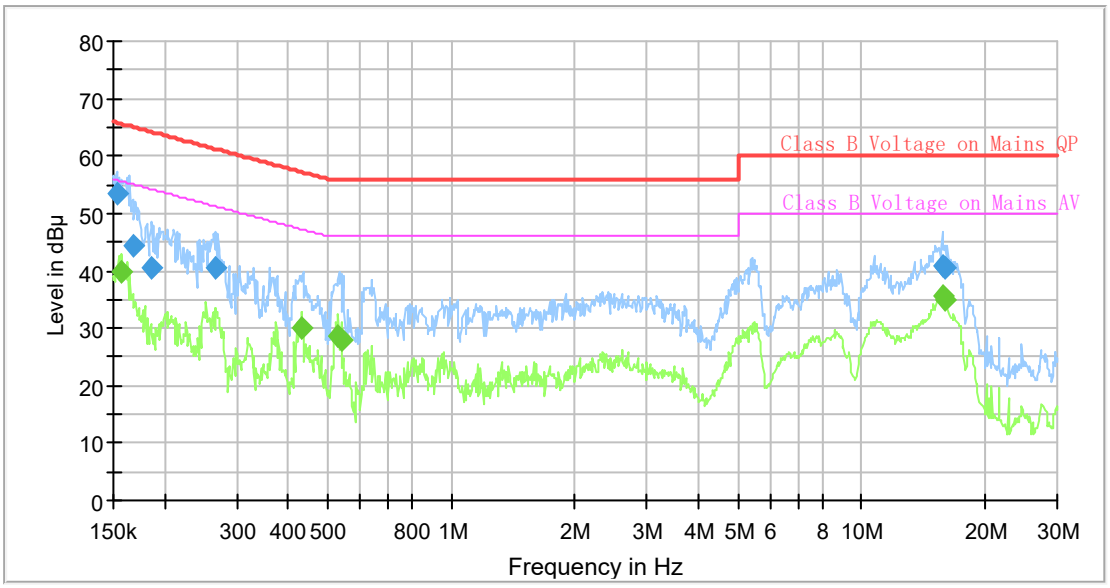
Model Number:	TAV-15
Port:	N
Test Mode:	Operating
Power Source:	AC 120V/60Hz



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.150750	50.57	---	65.96	15.39	9.000	N	9.6
0.162461	---	34.89	55.34	20.45	9.000	N	9.6
0.169074	47.07	---	65.01	17.94	9.000	N	9.6
0.189625	42.78	---	64.05	21.27	9.000	N	9.6
0.511614	34.56	---	56.00	21.44	9.000	N	9.6
0.514172	---	27.91	46.00	18.09	9.000	N	9.6
4.478982	---	26.00	46.00	20.00	9.000	N	9.6
7.157958	---	30.03	50.00	19.97	9.000	N	9.6
15.276734	36.57	---	60.00	23.43	9.000	N	9.9
15.662490	---	32.10	50.00	17.90	9.000	N	9.9
15.898604	---	32.07	50.00	17.93	9.000	N	9.9
16.057988	36.80	---	60.00	23.20	9.000	N	9.9

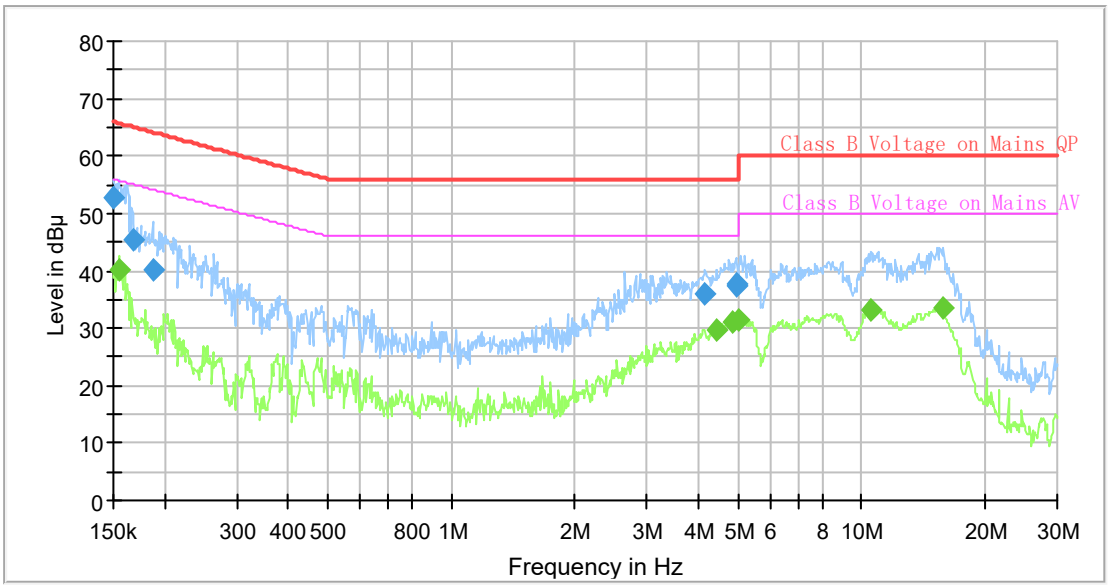
Model Number:	TAV-21
Port:	L
Test Mode:	Operating
Power Source:	AC 120V/60Hz



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.153023	53.37	---	65.83	12.46	9.000	L1	9.6
0.157671	---	40.00	55.59	15.59	9.000	L1	9.6
0.167396	44.41	---	65.09	20.68	9.000	L1	9.6
0.185880	40.67	---	64.22	23.55	9.000	L1	9.6
0.267519	40.55	---	61.19	20.64	9.000	L1	9.6
0.431814	---	30.04	47.22	17.18	9.000	L1	9.6
0.529791	---	28.71	46.00	17.29	9.000	L1	9.6
0.537778	---	27.90	46.00	18.10	9.000	L1	9.6
15.740803	41.01	---	60.00	18.99	9.000	L1	10.2
15.740803	---	35.57	50.00	14.43	9.000	L1	10.2
15.898604	---	35.07	50.00	14.93	9.000	L1	10.2
15.978097	40.46	---	60.00	19.54	9.000	L1	10.2

Model Number:	TAV-21
Port:	N
Test Mode:	Operating
Power Source:	AC 120V/60Hz



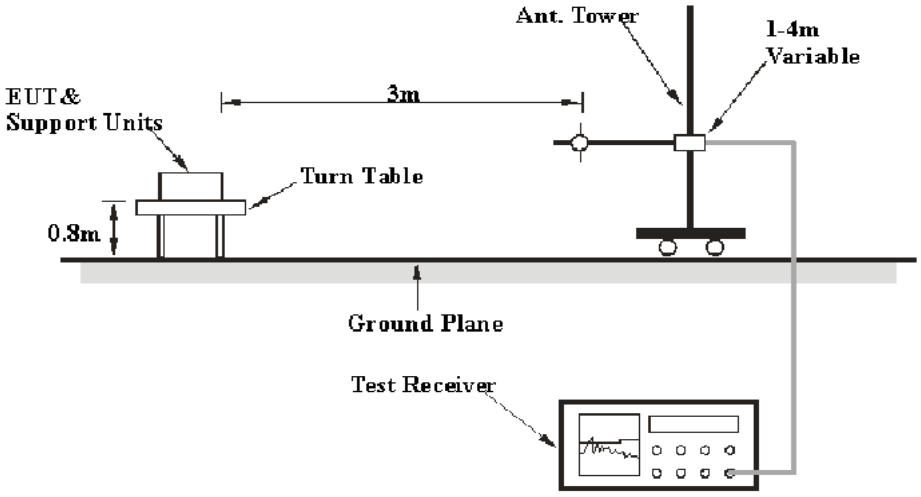
Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.150000	52.63	---	66.00	13.37	9.000	N	9.6
0.154557	---	40.07	55.75	15.68	9.000	N	9.6
0.167396	45.45	---	65.09	19.64	9.000	N	9.6
0.186809	40.13	---	64.18	24.05	9.000	N	9.6
4.156123	35.81	---	56.00	20.19	9.000	N	9.6
4.434526	---	29.71	46.00	16.29	9.000	N	9.6
4.851056	---	31.06	46.00	14.94	9.000	N	9.6
4.948807	37.68	---	56.00	18.32	9.000	N	9.6
4.973551	37.47	---	56.00	18.53	9.000	N	9.6
4.998419	---	31.50	46.00	14.50	9.000	N	9.6
10.509350	---	33.17	50.00	16.83	9.000	N	9.7
15.740803	---	33.55	50.00	16.45	9.000	N	9.9

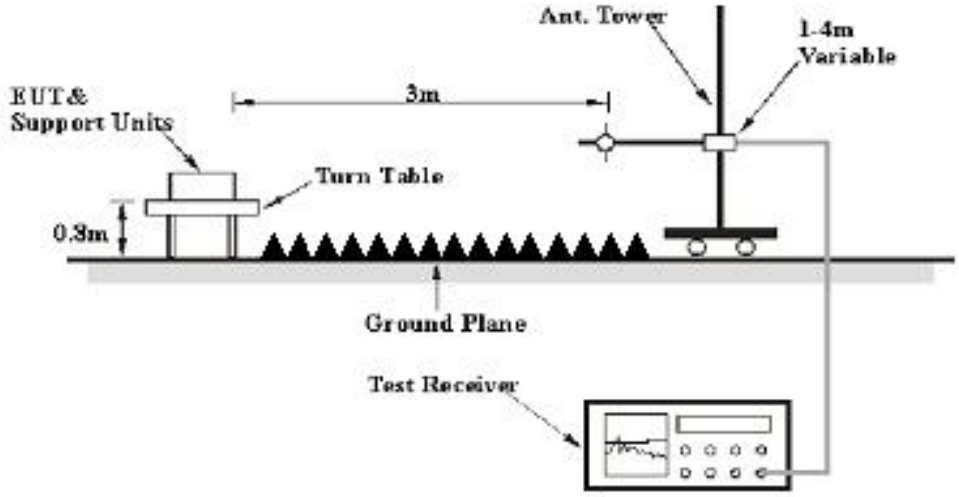
FCC PART 15B §15.109 – RADIATED EMISSIONS

EUT Setup

Below 1GHz:



Above 1GHz:



The radiated emission tests were performed at the 3 meters distance, above 1GHz were performed at the 3 meters, using the setup accordance with the ANSI C63.4-2014. The specification used was the FCC Part 15.109 Class B limits.

EMI Test Receiver Setup

The system was investigated from 30 MHz to 13 GHz.

During the radiated emission test, the EMI test receiver was set with the following configurations:

Frequency Range	RBW	Video B/W	IF B/W	Measurement
30 MHz – 1000 MHz	120 kHz	300 kHz	120 kHz	QP
Above 1 GHz	1 MHz	3 MHz	/	Peak
	1 MHz	Reduced video bandwidth	/	AVG

Test Procedure

During the radiated emissions, the adapter was connected to the first AC floor outlet.

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

The data was recorded in the Quasi-peak detection mode for below 1 GHz, peak and average detection mode above 1 GHz.

Corrected Amplitude & Margin Calculation

The basic equation is as follows:

Result = Meter Reading+ Corrected

Note:
Corrected = Antenna Factor + Cable Loss - Amplifier Gain

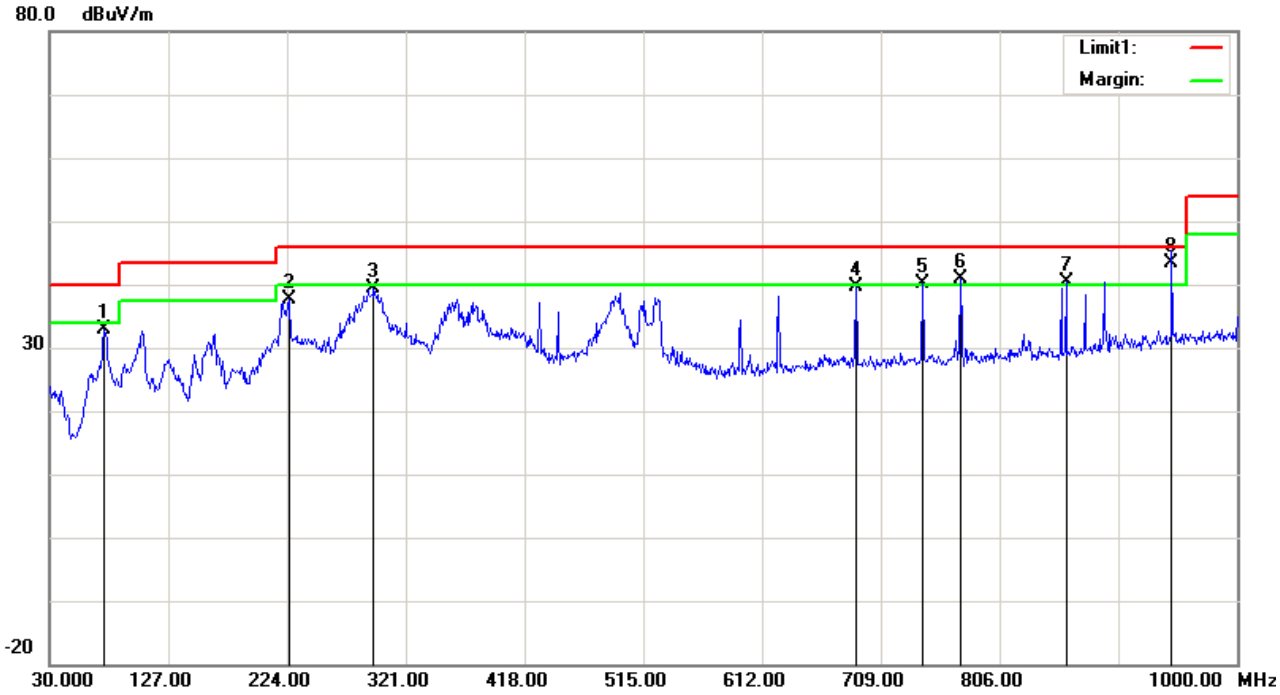
The "**Margin**" column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7 dB means the emission is 7 dB below the limit. The equation for margin calculation is as follows:

Margin = Limit – Result

Test Data

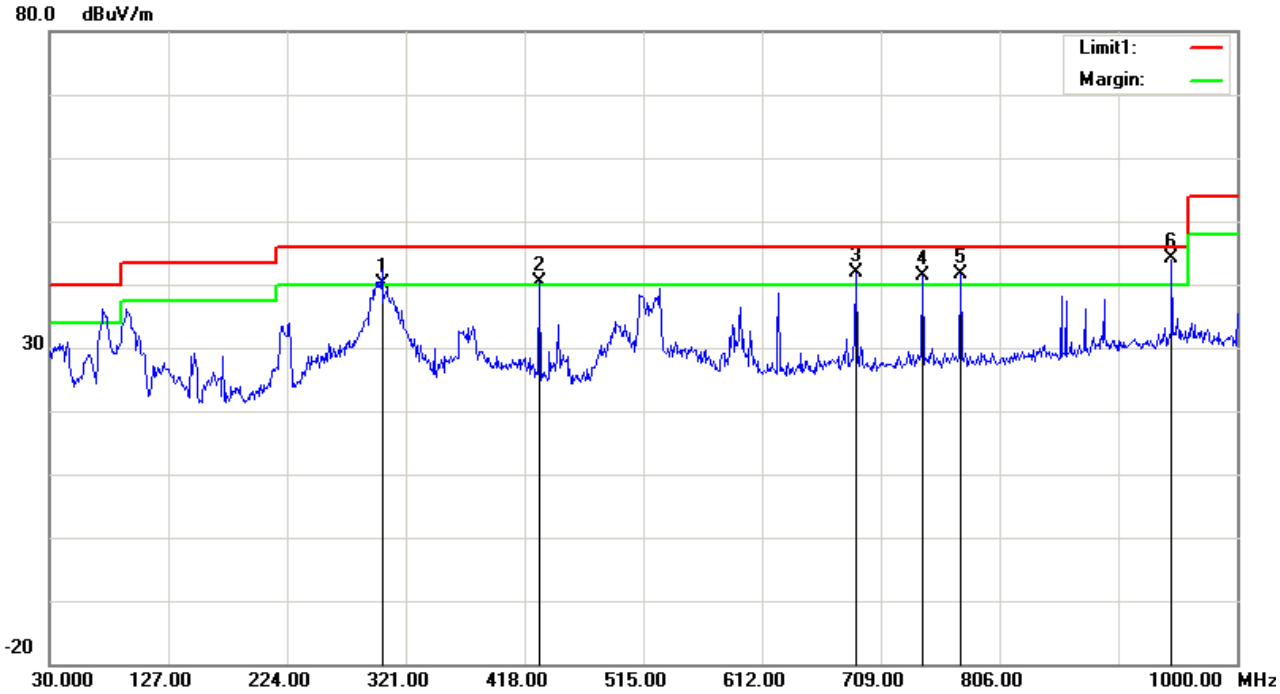
Please refer to following table and plots:

Condition:	FCC Part 15B Class B	**Polarization:**	Horizontal
Model:	TAV-10	**Power:**	AC 120V/60Hz
Test Mode:	Operating	**Distance:**	3m



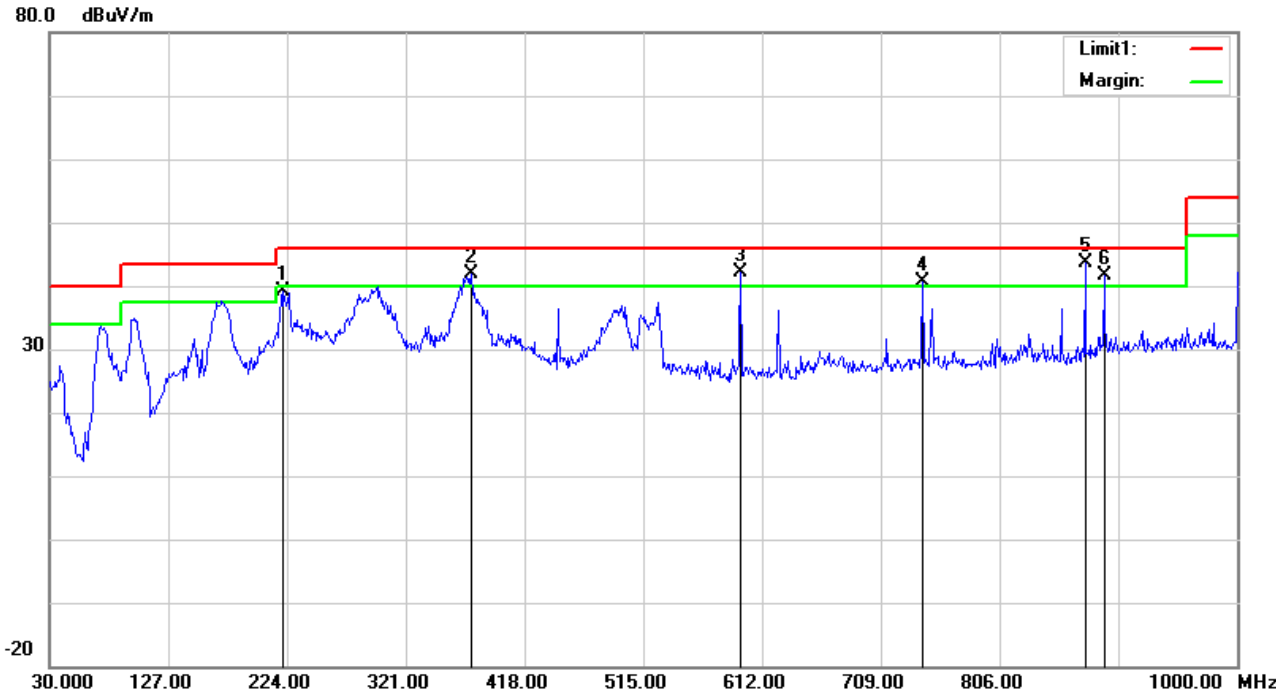
No.	Frequency (MHz)	Reading (dBµV)	Detector	Corrected (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1	74.6200	49.00	peak	-16.16	32.84	40.00	7.16
2	225.9400	48.32	peak	-10.70	37.62	46.00	8.38
3	294.8100	46.93	peak	-7.65	39.28	46.00	6.72
4	688.6300	39.50	peak	0.17	39.67	46.00	6.33
5	742.9500	39.47	QP	0.66	40.13	46.00	5.87
6	773.9900	39.93	QP	1.01	40.94	46.00	5.06
7	860.3200	38.27	QP	2.14	40.41	46.00	5.59
8	946.6500	38.97	QP	4.53	43.50	46.00	2.50

Condition:	FCC Part 15B Class B	**Polarization:**	Vertical
Model:	TAV-10	**Power:**	AC 120V/60Hz
Test Mode:	Operating	**Distance:**	3m



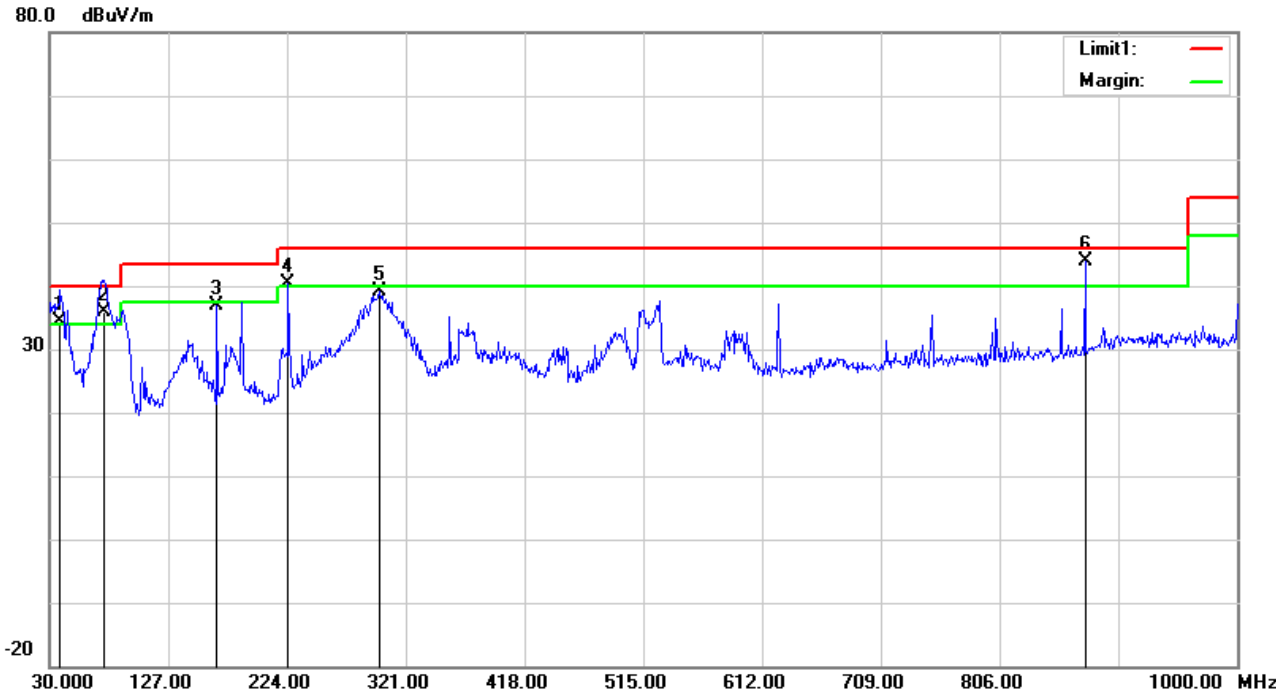
No.	Frequency (MHz)	Reading (dBµV)	Detector	Corrected (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1	301.6000	47.47	QP	-7.30	40.17	46.00	5.83
2	429.6400	44.92	QP	-4.65	40.27	46.00	5.73
3	688.6300	41.62	QP	0.17	41.79	46.00	4.21
4	742.9500	40.78	QP	0.66	41.44	46.00	4.56
5	773.9900	40.59	QP	1.01	41.60	46.00	4.40
6	946.6500	39.67	QP	4.53	44.20	46.00	1.80

Condition:	FCC Part 15B Class B	**Polarization:**	Horizontal
Model:	TAV-15	**Power:**	AC 120V/60Hz
Test Mode:	Operating	**Distance:**	3m



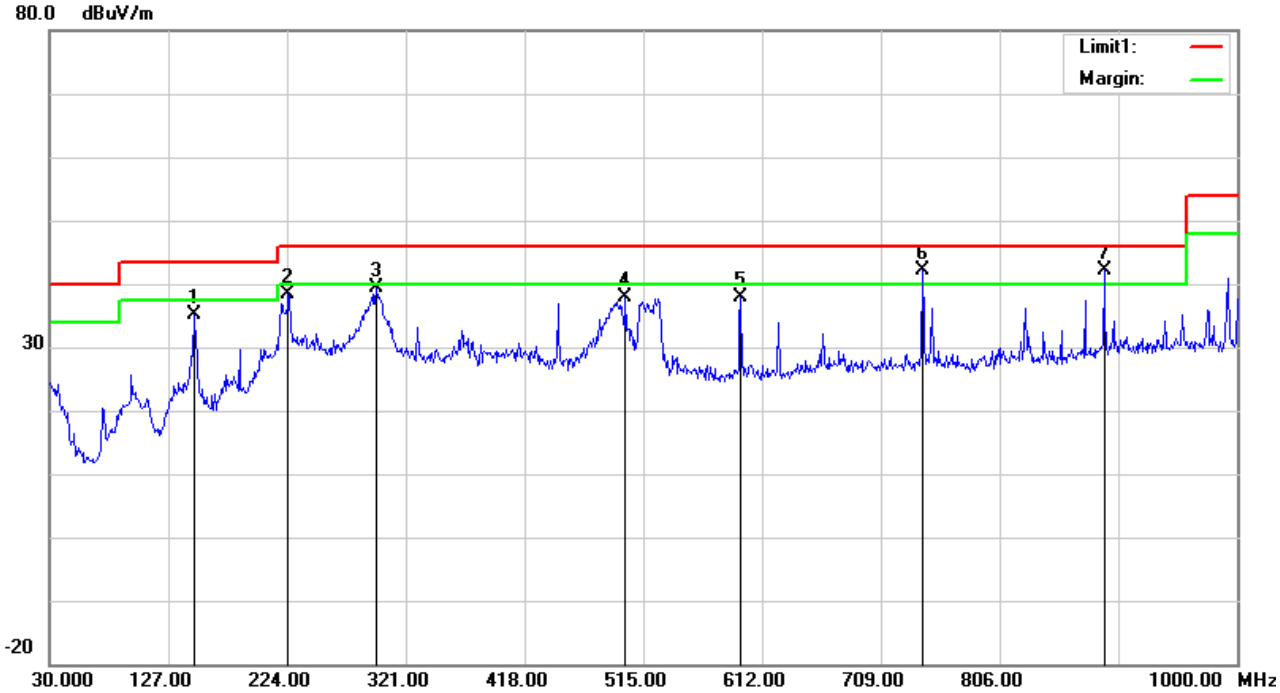
No.	Frequency (MHz)	Reading (dBµV)	Detector	Corrected (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1	220.1200	50.19	peak	-11.05	39.14	46.00	6.86
2	374.3500	47.76	QP	-5.95	41.81	46.00	4.19
3	594.5400	43.64	QP	-1.49	42.15	46.00	3.85
4	742.9500	39.89	QP	0.66	40.55	46.00	5.45
5	875.8400	41.05	QP	2.67	43.72	46.00	2.28
6	891.3600	38.50	QP	3.22	41.72	46.00	4.28

Condition:	FCC Part 15B Class B	**Polarization:**	Vertical
Model:	TAV-15	**Power:**	AC 120V/60Hz
Test Mode:	Operating	**Distance:**	3m



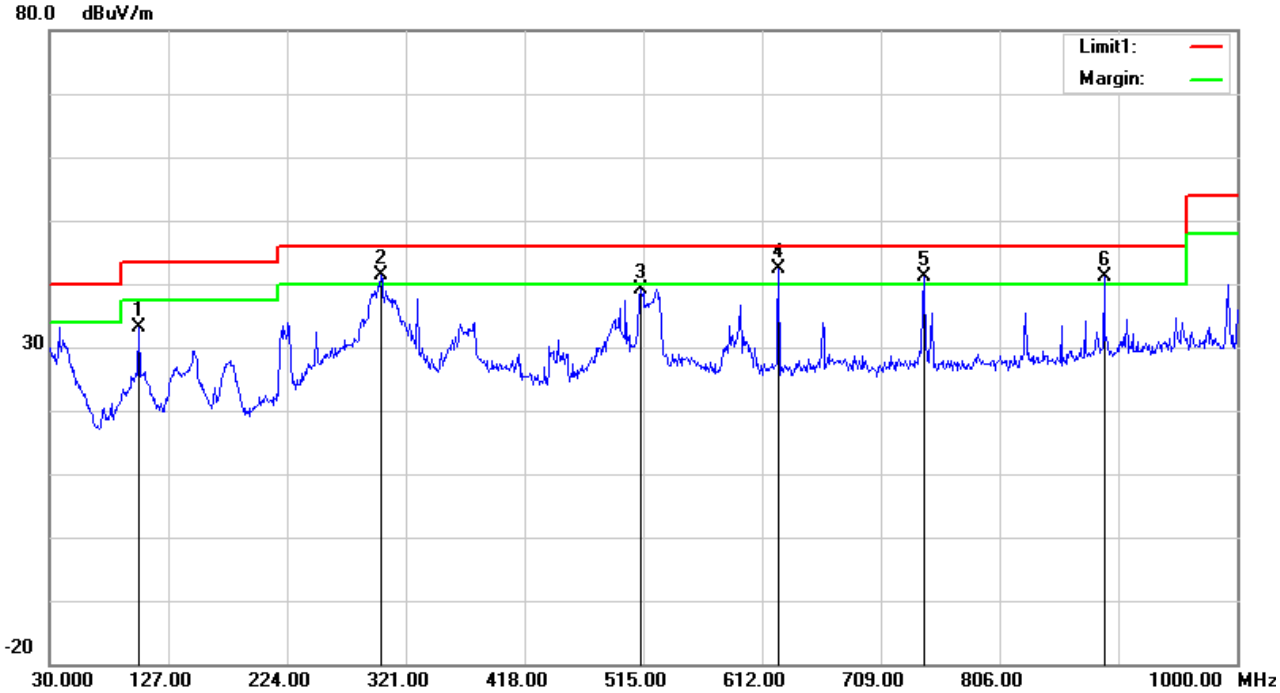
No.	Frequency (MHz)	Reading (dBµV)	Detector	Corrected (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1	38.7300	42.88	QP	-8.58	34.30	40.00	5.70
2	74.6200	52.16	QP	-16.16	36.00	40.00	4.00
3	166.7700	46.33	peak	-9.51	36.82	43.50	6.68
4	224.9700	51.05	QP	-10.78	40.27	46.00	5.73
5	299.6600	46.47	peak	-7.38	39.09	46.00	6.91
6	875.8400	41.24	QP	2.67	43.91	46.00	2.09

Condition:	FCC Part 15B Class B	**Polarization:**	Horizontal
Model:	TAV-21	**Power:**	AC 120V/60Hz
Test Mode:	Operating	**Distance:**	3m



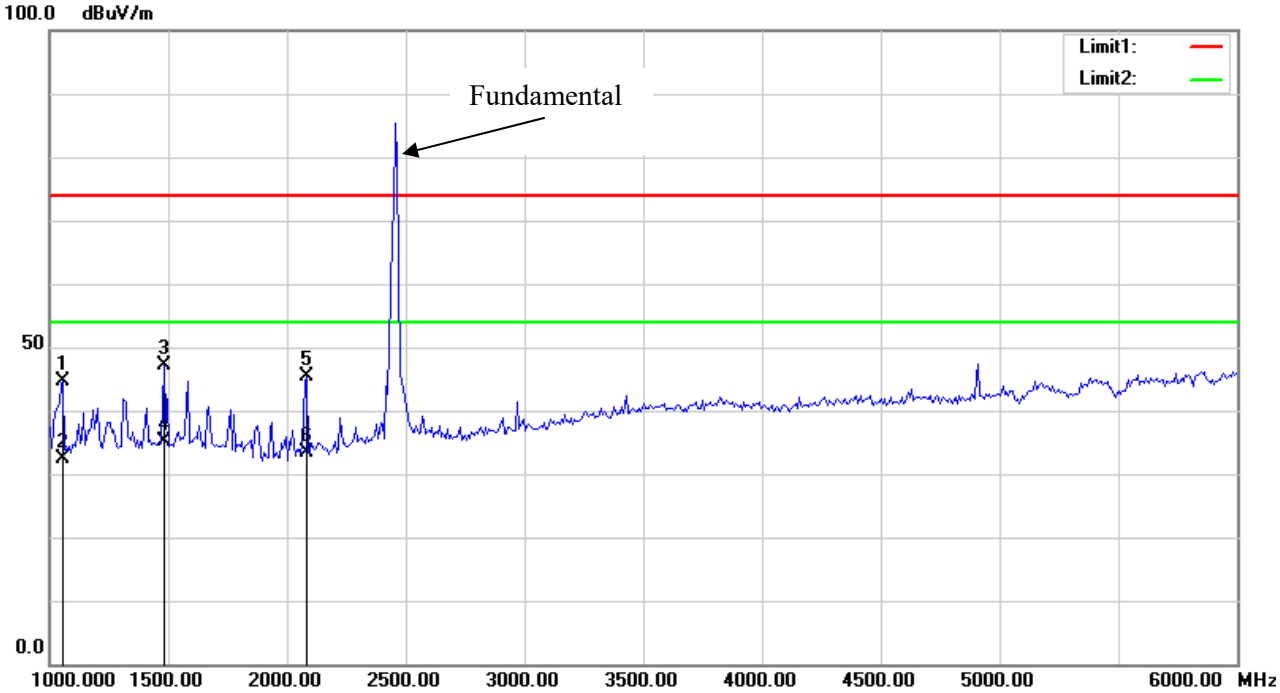
No.	Frequency (MHz)	Reading (dBµV)	Detector	Corrected (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1	148.3400	44.37	peak	-9.22	35.15	43.50	8.35
2	224.9700	49.12	peak	-10.78	38.34	46.00	7.66
3	296.7500	46.96	peak	-7.60	39.36	46.00	6.64
4	500.4500	41.43	peak	-3.45	37.98	46.00	8.02
5	594.5400	39.28	peak	-1.49	37.79	46.00	8.21
6	742.9500	41.50	QP	0.66	42.16	46.00	3.84
7	891.3600	38.87	QP	3.22	42.09	46.00	3.91

Condition:	FCC Part 15B Class B	**Polarization:**	Vertical
Model:	TAV-21	**Power:**	AC 120V/60Hz
Test Mode:	Operating	**Distance:**	3m



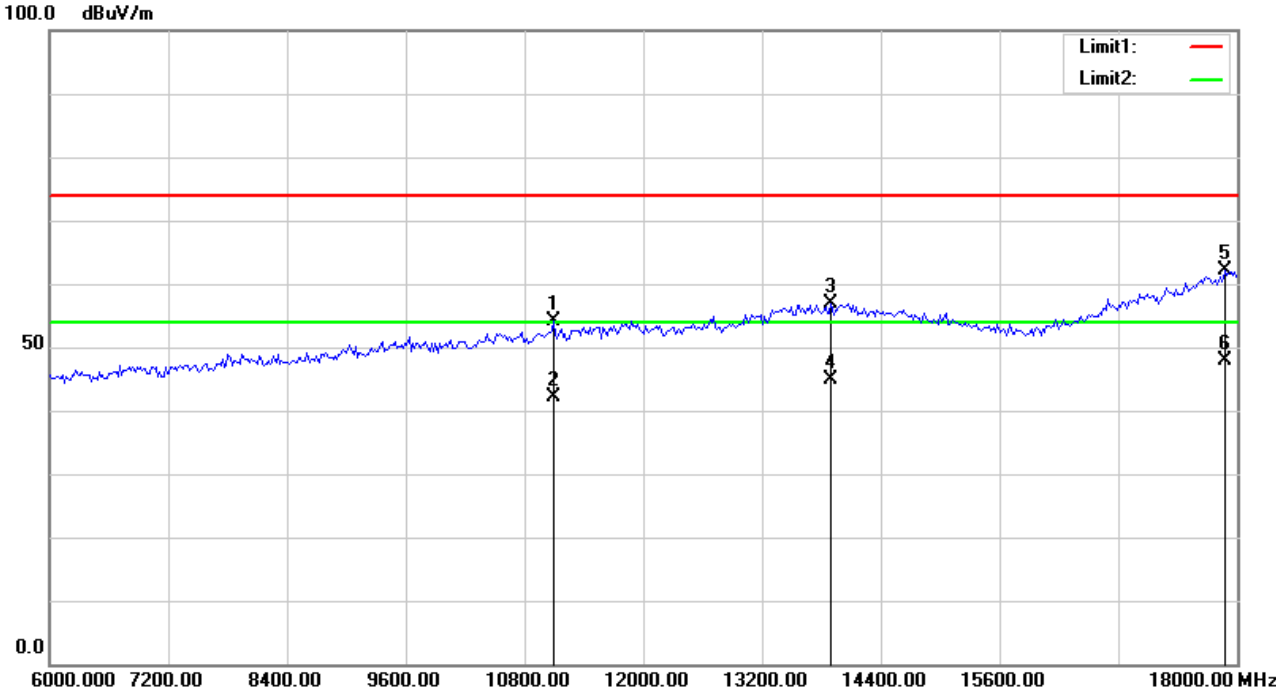
No.	Frequency (MHz)	Reading (dBµV)	Detector	Corrected (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1	102.7500	46.92	peak	-13.77	33.15	43.50	10.35
2	300.6300	48.69	QP	-7.35	41.34	46.00	4.66
3	513.0600	42.11	peak	-2.90	39.21	46.00	6.79
4	625.5800	43.31	QP	-0.87	42.44	46.00	3.56
5	743.9200	40.42	QP	0.63	41.05	46.00	4.95
6	891.3600	37.81	QP	3.22	41.03	46.00	4.97

Condition:	FCC Part 15B Class B	**Polarization:**	Horizontal
Model:	TAV-10	**Power:**	AC 120V/60Hz
Test Mode:	Operating	**Distance:**	3m



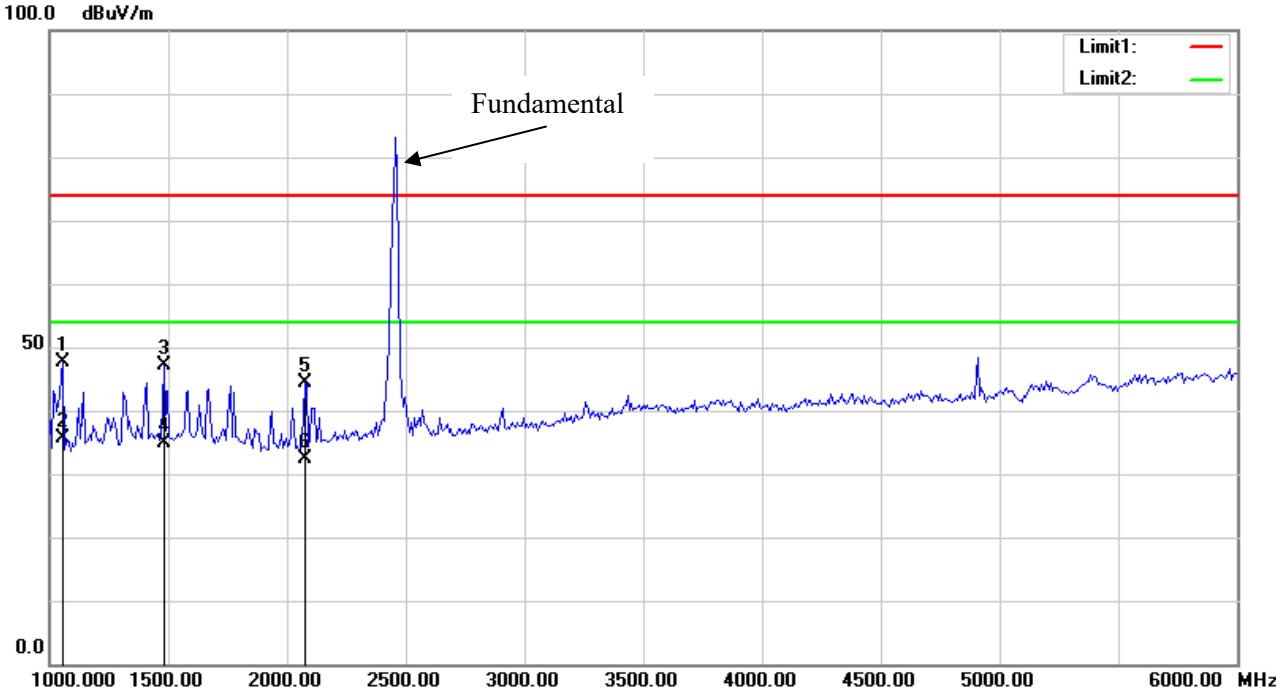
No.	Frequency (MHz)	Reading (dBµV)	Detector	Corrected (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1	1056.090	48.76	peak	-4.11	44.65	74.00	29.35
2	1056.090	36.61	AVG	-4.11	32.50	54.00	21.50
3	1480.769	49.05	peak	-1.92	47.13	74.00	26.87
4	1480.769	37.02	AVG	-1.92	35.10	54.00	18.90
5	2081.731	46.69	peak	-1.28	45.41	74.00	28.59
6	2081.731	34.59	AVG	-1.28	33.31	54.00	20.69

Condition:	FCC Part 15B Class B	**Polarization:**	Horizontal
Model:	TAV-10	**Power:**	AC 120V/60Hz
Test Mode:	Operating	**Distance:**	3m



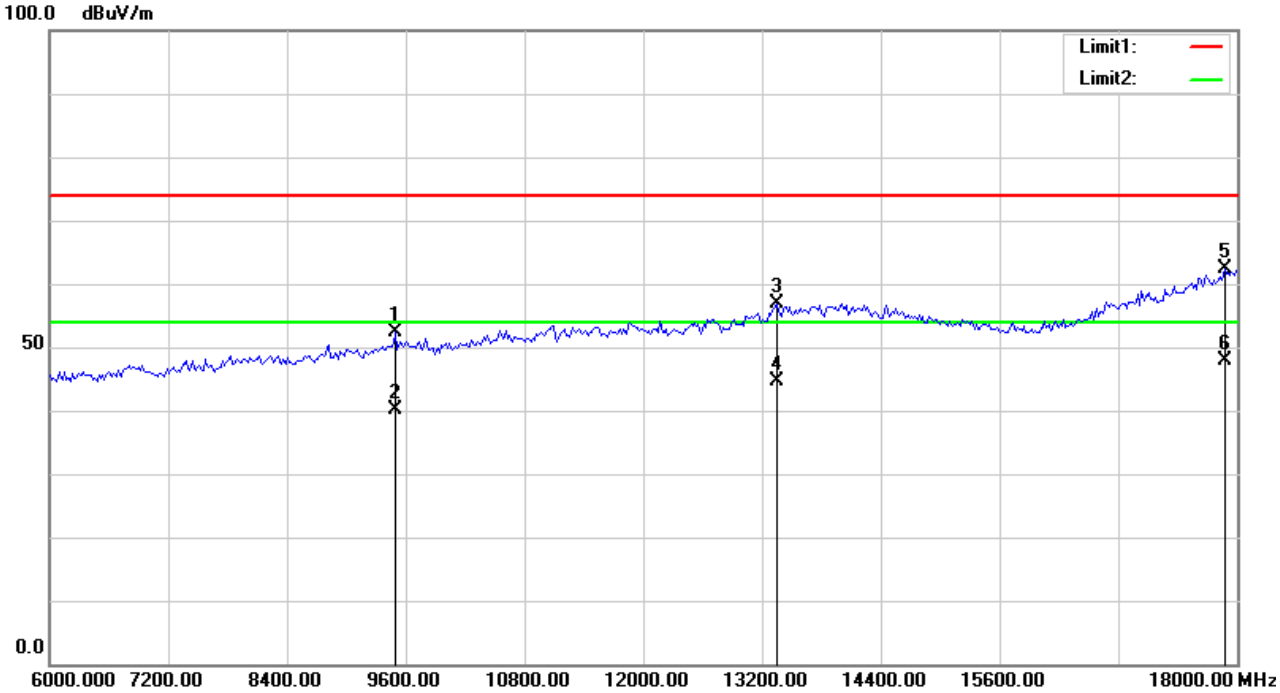
No.	Frequency (MHz)	Reading (dBµV)	Detector	Corrected (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1	11096.154	37.37	peak	16.80	54.17	74.00	19.83
2	11096.154	25.26	AVG	16.80	42.06	54.00	11.94
3	13903.846	35.67	peak	21.30	56.97	74.00	17.03
4	13903.846	23.58	AVG	21.30	44.88	54.00	9.12
5	17884.615	35.79	peak	26.35	62.14	74.00	11.86
6	17884.615	21.54	AVG	26.35	47.89	54.00	6.11

Condition:	FCC Part 15B Class B	**Polarization:**	Vertical
Model:	TAV-10	**Power:**	AC 120V/60Hz
Test Mode:	Operating	**Distance:**	3m



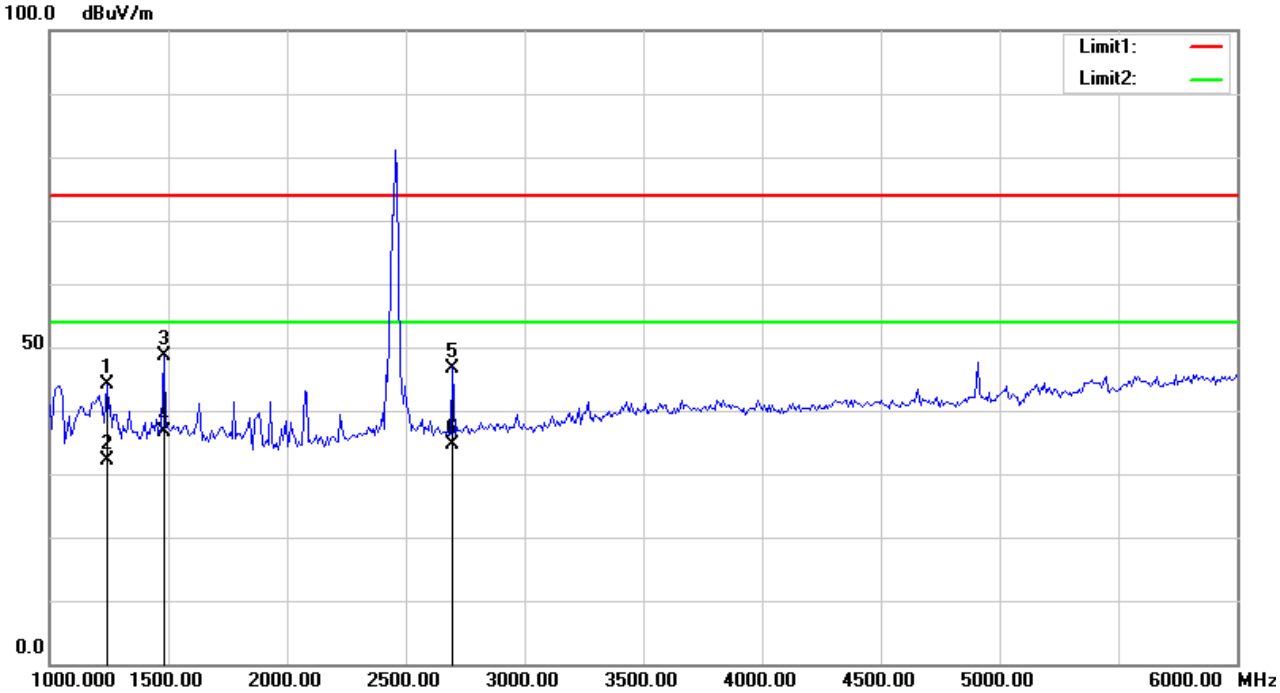
No.	Frequency (MHz)	Reading (dBµV)	Detector	Corrected (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1	1056.090	51.74	peak	-4.11	47.63	74.00	26.37
2	1056.090	39.68	AVG	-4.11	35.57	54.00	18.43
3	1480.769	48.97	peak	-1.92	47.05	74.00	26.95
4	1480.769	36.82	AVG	-1.92	34.90	54.00	19.10
5	2073.718	45.61	peak	-1.31	44.30	74.00	29.70
6	2073.718	33.60	AVG	-1.31	32.29	54.00	21.71

Condition:	FCC Part 15B Class B	**Polarization:**	Vertical
Model:	TAV-10	**Power:**	AC 120V/60Hz
Test Mode:	Operating	**Distance:**	3m



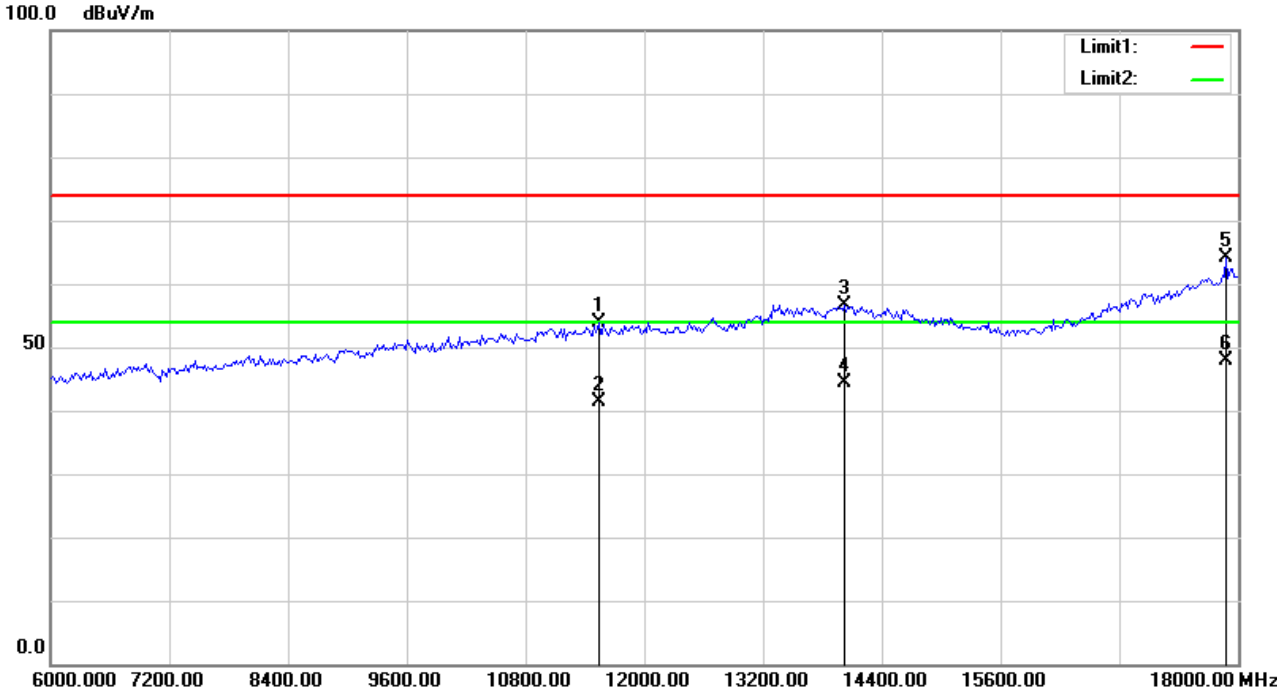
No.	Frequency (MHz)	Reading (dBµV)	Detector	Corrected (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1	9500.000	37.68	peak	14.58	52.26	74.00	21.74
2	9500.000	25.53	AVG	14.58	40.11	54.00	13.89
3	13346.154	36.45	peak	20.40	56.85	74.00	17.15
4	13346.154	24.31	AVG	20.40	44.71	54.00	9.29
5	17884.615	35.99	peak	26.35	62.34	74.00	11.66
6	17884.615	21.53	AVG	26.35	47.88	54.00	6.12

Condition:	FCC Part 15B Class B	**Polarization:**	Horizontal
Model:	TAV-15	**Power:**	AC 120V/60Hz
Test Mode:	Operating	**Distance:**	3m



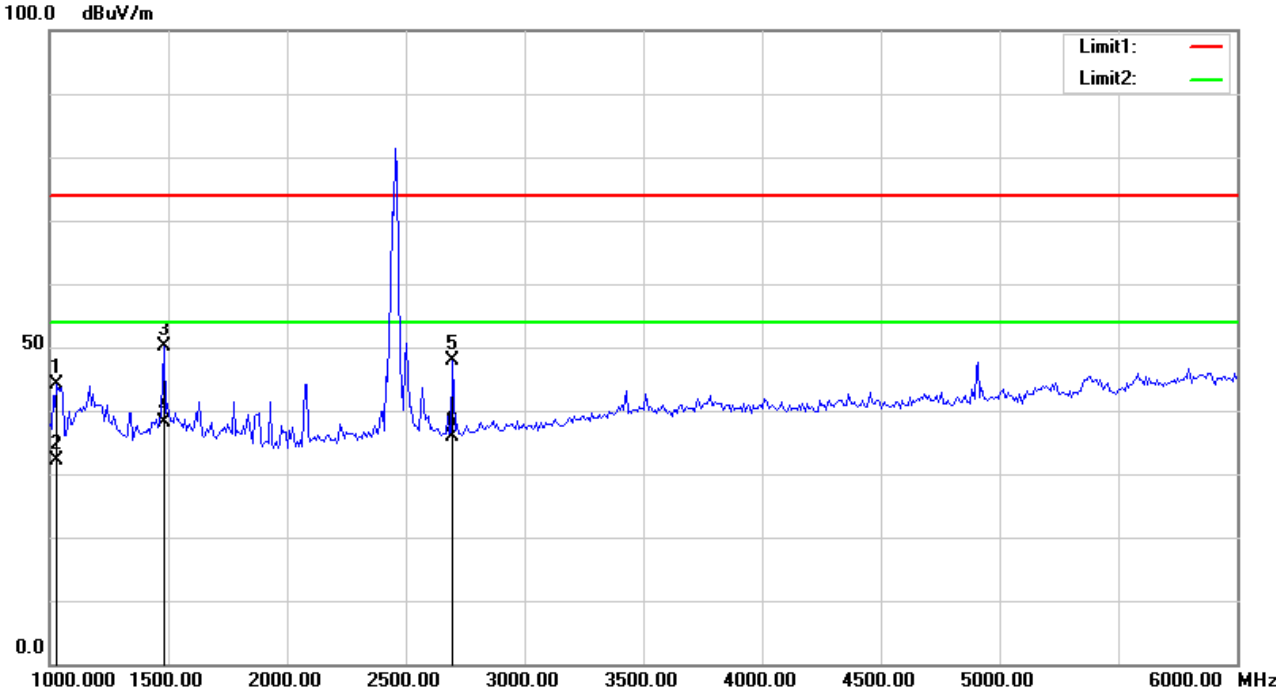
No.	Frequency (MHz)	Reading (dBµV)	Detector	Corrected (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1	1240.385	47.07	peak	-2.93	44.14	74.00	29.86
2	1240.385	35.09	AVG	-2.93	32.16	54.00	21.84
3	1480.769	50.55	peak	-1.92	48.63	74.00	25.37
4	1480.769	38.43	AVG	-1.92	36.51	54.00	17.49
5	2698.718	46.67	peak	0.08	46.75	74.00	27.25
6	2698.718	34.55	AVG	0.08	34.63	54.00	19.37

Condition:	FCC Part 15B Class B	**Polarization:**	Horizontal
Model:	TAV-15	**Power:**	AC 120V/60Hz
Test Mode:	Operating	**Distance:**	3m



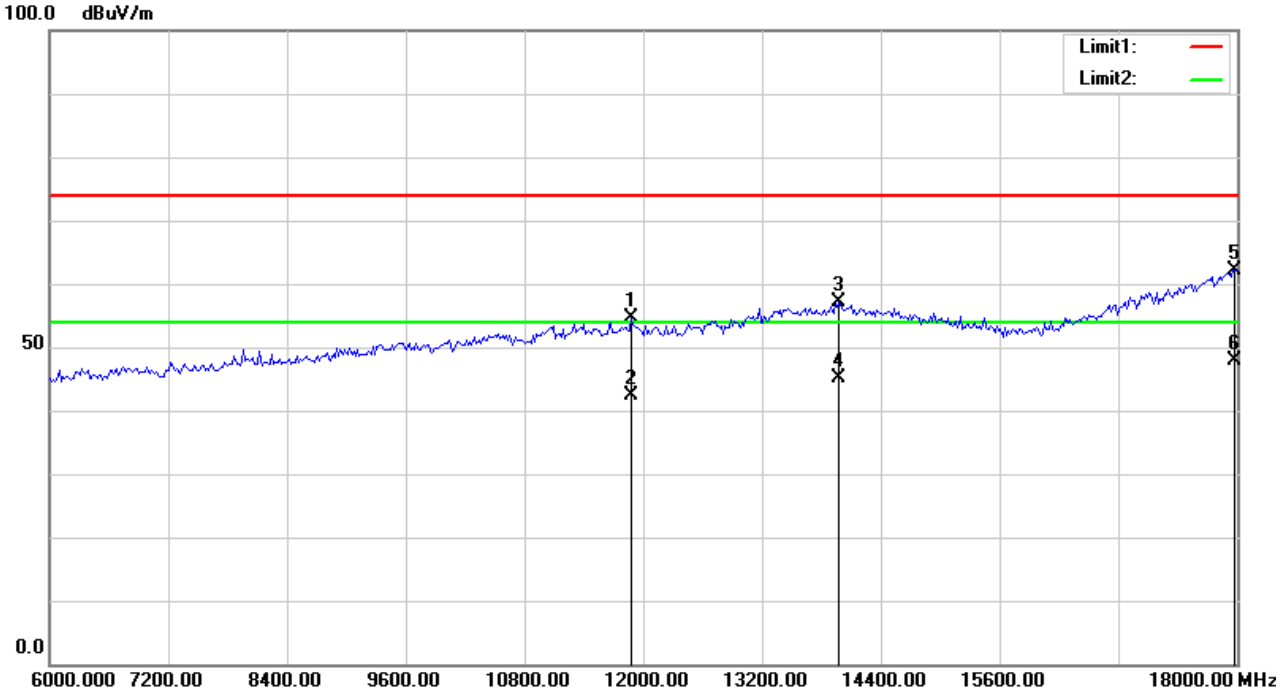
No.	Frequency (MHz)	Reading (dBµV)	Detector	Corrected (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1	11538.461	36.49	peak	17.34	53.83	74.00	20.17
2	11538.461	24.05	AVG	17.34	41.39	54.00	12.61
3	14019.231	35.39	peak	21.23	56.62	74.00	17.38
4	14019.231	23.26	AVG	21.23	44.49	54.00	9.51
5	17884.615	37.88	peak	26.35	64.23	74.00	9.77
6	17884.615	21.55	AVG	26.35	47.90	54.00	6.10

Condition:	FCC Part 15B Class B	**Polarization:**	Vertical
Model:	TAV-15	**Power:**	AC 120V/60Hz
Test Mode:	Operating	**Distance:**	3m



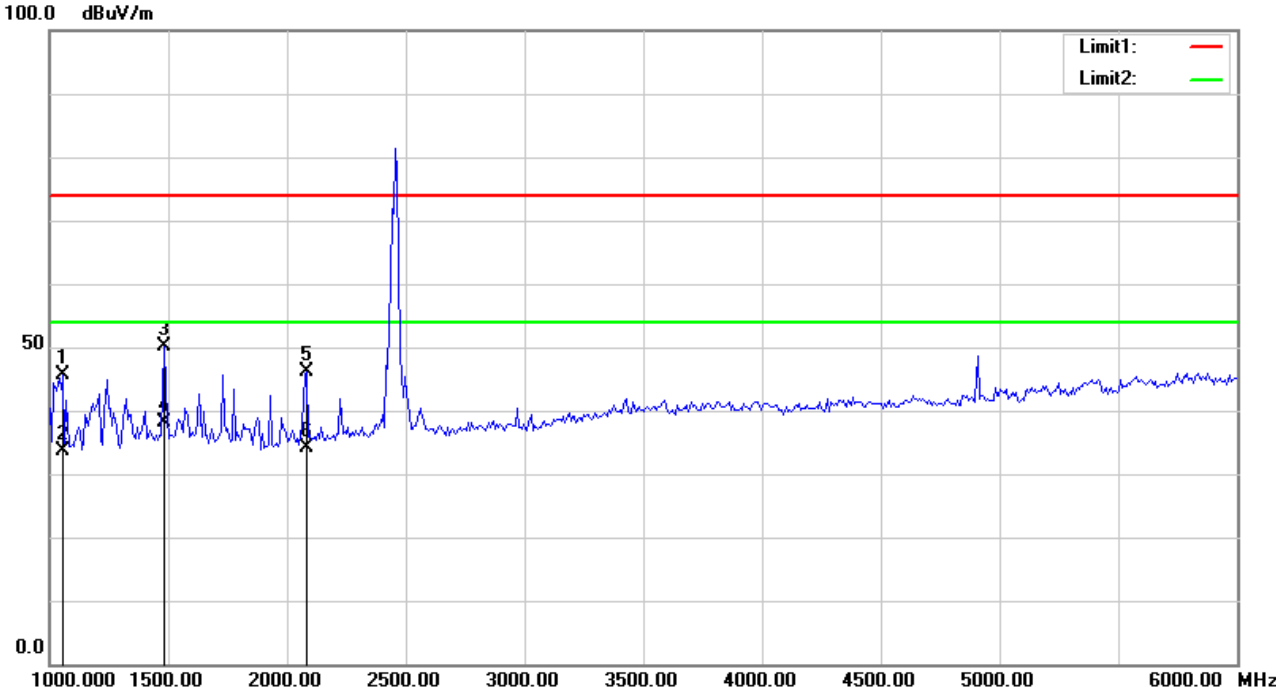
No.	Frequency (MHz)	Reading (dBµV)	Detector	Corrected (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1	1032.051	48.42	peak	-4.21	44.21	74.00	29.79
2	1032.051	36.36	AVG	-4.21	32.15	54.00	21.85
3	1480.769	52.10	peak	-1.92	50.18	74.00	23.82
4	1480.769	40.08	AVG	-1.92	38.16	54.00	15.84
5	2698.718	47.81	peak	0.08	47.89	74.00	26.11
6	2698.718	35.72	AVG	0.08	35.80	54.00	18.20

Condition:	FCC Part 15B Class B	**Polarization:**	Vertical
Model:	TAV-15	**Power:**	AC 120V/60Hz
Test Mode:	Operating	**Distance:**	3m



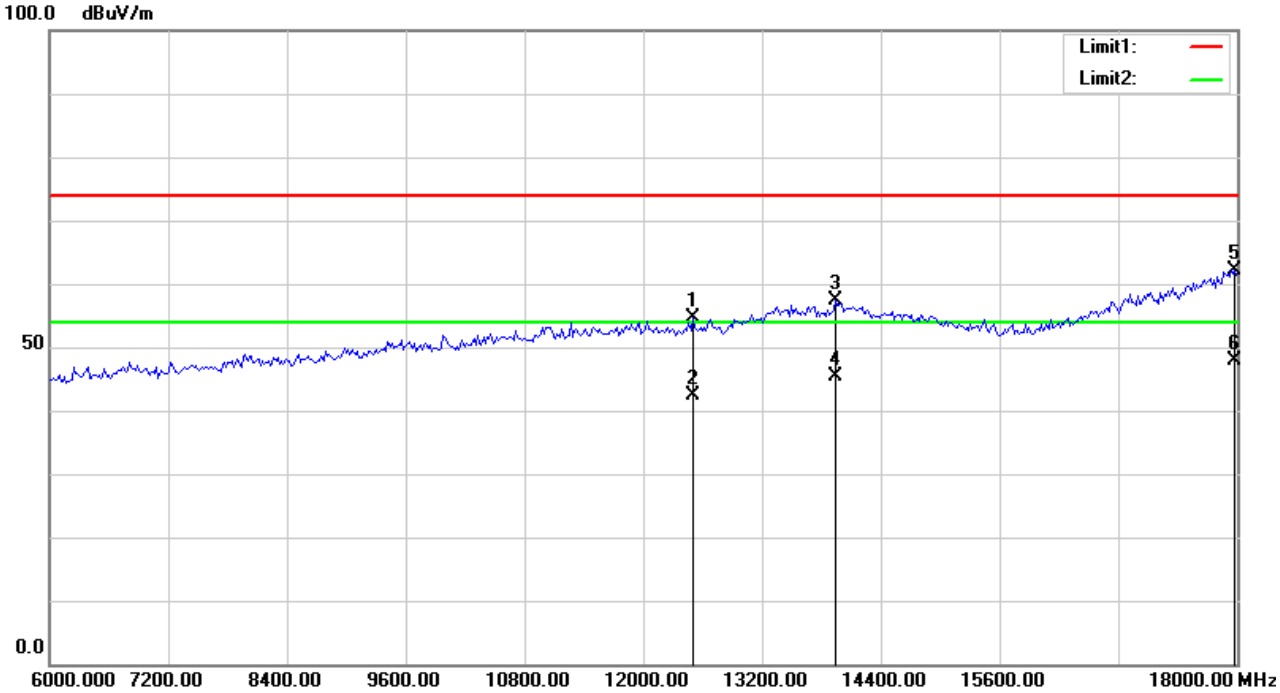
No.	Frequency (MHz)	Reading (dBµV)	Detector	Corrected (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1	11884.615	36.72	peak	17.81	54.53	74.00	19.47
2	11884.615	24.61	AVG	17.81	42.42	54.00	11.58
3	13980.769	35.80	peak	21.25	57.05	74.00	16.95
4	13980.769	23.77	AVG	21.25	45.02	54.00	8.98
5	17980.769	35.76	peak	26.35	62.11	74.00	11.89
6	17980.769	21.56	AVG	26.35	47.91	54.00	6.09

Condition:	FCC Part 15B Class B	**Polarization:**	Horizontal
Model:	TAV-21	**Power:**	AC 120V/60Hz
Test Mode:	Operating	**Distance:**	3m



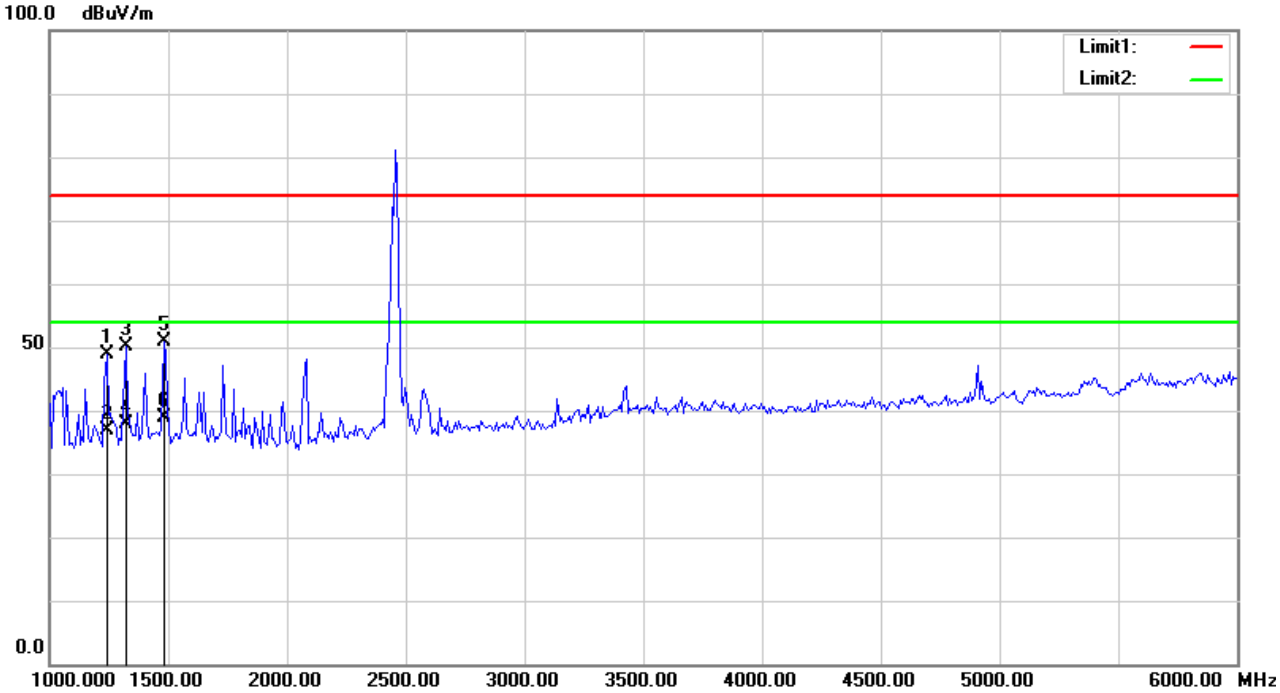
No.	Frequency (MHz)	Reading (dBµV)	Detector	Corrected (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1	1056.090	49.70	peak	-4.11	45.59	74.00	28.41
2	1056.090	37.65	AVG	-4.11	33.54	54.00	20.46
3	1480.769	52.10	peak	-1.92	50.18	74.00	23.82
4	1480.769	40.06	AVG	-1.92	38.14	54.00	15.86
5	2081.731	47.43	peak	-1.28	46.15	74.00	27.85
6	2081.731	35.39	AVG	-1.28	34.11	54.00	19.89

Condition:	FCC Part 15B Class B	**Polarization:**	Horizontal
Model:	TAV-21	**Power:**	AC 120V/60Hz
Test Mode:	Operating	**Distance:**	3m



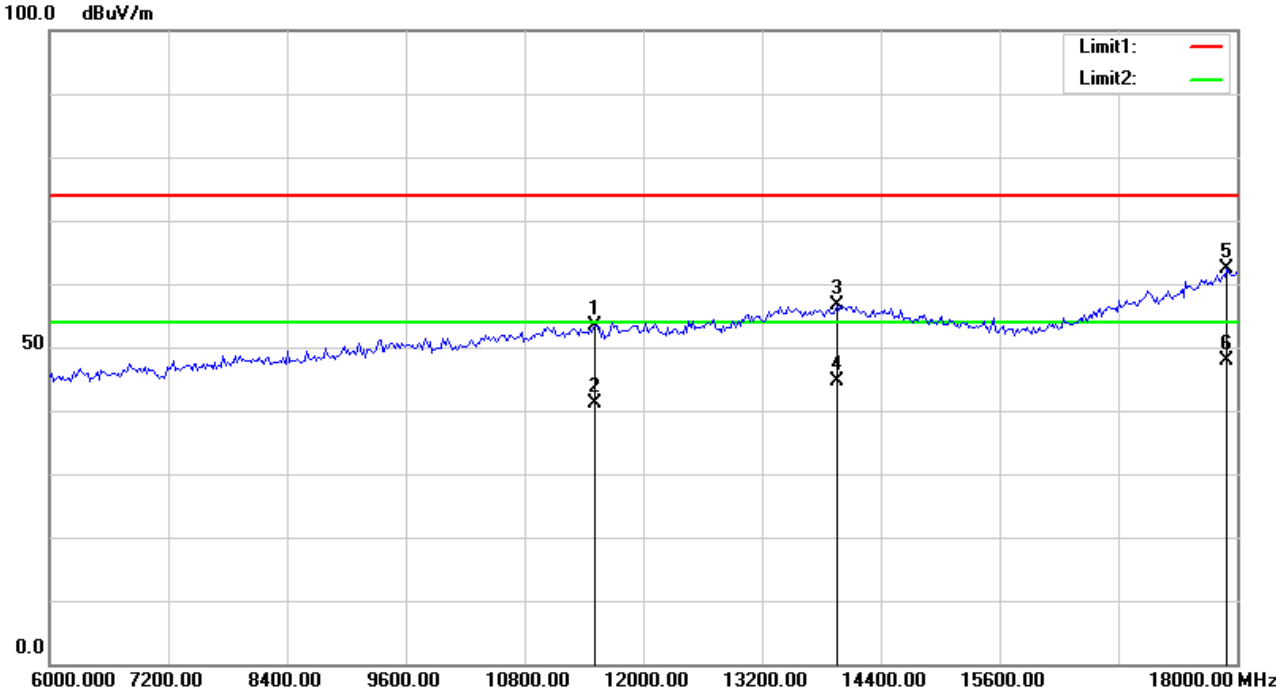
No.	Frequency (MHz)	Reading (dBµV)	Detector	Corrected (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1	12500.000	36.28	peak	18.30	54.58	74.00	19.42
2	12500.000	24.11	AVG	18.30	42.41	54.00	11.59
3	13942.308	36.17	peak	21.28	57.45	74.00	16.55
4	13942.308	24.08	AVG	21.28	45.36	54.00	8.64
5	17980.769	35.81	peak	26.35	62.16	74.00	11.84
6	17980.769	21.49	AVG	26.35	47.84	54.00	6.16

Condition:	FCC Part 15B Class B	**Polarization:**	Vertical
Model:	TAV-21	**Power:**	AC 120V/60Hz
Test Mode:	Operating	**Distance:**	3m



No.	Frequency (MHz)	Reading (dBµV)	Detector	Corrected (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1	1240.385	51.92	peak	-2.93	48.99	74.00	25.01
2	1240.385	39.82	AVG	-2.93	36.89	54.00	17.11
3	1320.513	52.66	peak	-2.58	50.08	74.00	23.92
4	1320.513	40.58	AVG	-2.58	38.00	54.00	16.00
5	1480.769	52.89	peak	-1.92	50.97	74.00	23.03
6	1480.769	40.79	AVG	-1.92	38.87	54.00	15.13

Condition:	FCC Part 15B Class B	**Polarization:**	Vertical
Model:	TAV-21	**Power:**	AC 120V/60Hz
Test Mode:	Operating	**Distance:**	3m



No.	Frequency (MHz)	Reading (dBµV)	Detector	Corrected (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1	11519.231	35.89	peak	17.45	53.34	74.00	20.66
2	11519.231	23.67	AVG	17.45	41.12	54.00	12.88
3	13961.539	35.46	peak	21.27	56.73	74.00	17.27
4	13961.539	23.36	AVG	21.27	44.63	54.00	9.37
5	17903.846	35.86	peak	26.55	62.41	74.00	11.59
6	17903.846	21.43	AVG	26.55	47.98	54.00	6.02

*******END OF REPORT*******