

(3) Limit for this EUT

The emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, and the emissions appearing within RSS-Gen section 8.10 Restricted frequency bands shall not exceed the limits shown in RSS-Gen section 8.9, all the other emissions shall be at least 20 dB below the fundamental emissions or comply with 15.209 limits and RSS-Gen section 8.9 limits..

11.3. Test Procedure

- (1) EUT was placed on a non-metallic table, 80 cm above the ground plane inside a semi-anechoic chamber for below 1G and 150 cm above the ground plane inside a fully-anechoic chamber for above 1G.
- (2) Setup EUT and assistant system according clause 2.3 and 8.2
- (3) Test antenna was located 3m from the EUT on an adjustable mast, and the antenna used as below table.

Test frequency range	Test antenna used	Test distance
9 kHz-30 MHz	Active Loop antenna	3 m
30 MHz-1 GHz	Trilog Broadband Antenna	3 m
1 GHz-18 GHz	Double Ridged Horn Antenna(1GHz-18GHz)	3 m
18 GHz-40 GHz	Horn Antenna(18GHz-40GHz)	1 m

According ANSI C63.10:2013 clause 6.4.4.2 and 6.5.3, for measurements below 30 MHz, the loop antenna was positioned with its plane vertical from the EUT and rotated about its vertical axis for maximum response at each azimuth position around the EUT. And the loop antenna also be positioned with its plane horizontal at the specified distance from the EUT. The center of the loop is 1 m above the ground. for measurement above 30 MHz, the Trilog Broadband Antenna or Horn Antenna was located 3m from EUT, Measurements were made with the antenna positioned in both the horizontal and vertical planes of Polarization, and the measurement antenna was varied from 1 m to 4 m. in height above the reference ground plane to obtain the maximum signal strength.

- (4) Below pre-scan procedure was first performed in order to find prominent frequency spectrum radiated emissions from 9 kHz to 40 GHz:

- (a) Scanning the peak frequency spectrum with the antenna specified in step (3), and the EUT was rotated 360 degree, the antenna height was varied from 1 m to 4 m (Except loop antenna, it's fixed 1m above ground.)
- (b) Change work frequency or channel of device if practicable.
- (c) Change modulation type of device if practicable.
- (d) Change power supply range from 85% to 115% of the rated supply voltage
- (e) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement

produces highest emissions.

Spectrum frequency from 9 kHz to 40 GHz (tenth harmonic of fundamental frequency) was investigated, and no any obvious emission were detected from 9 kHz to 30 MHz and 18 GHz to 40 GHz, so below final test was performed with frequency range from 30 MHz to 18 GHz.

- (5) For final emissions measurements at each frequency of interest, the EUT was rotated and the antenna height was varied between 1m and 4m in order to maximize the emission.

Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.10:2013 on Radiated Emission test.

- (6) The emissions from 9 kHz to 1 GHz were measured based on CISPR QP detector except for the frequency bands 9-90 kHz, 110-490 kHz, for emissions from 9 kHz-90kHz,110kHz-490kHz and above 1GHz were measured based on average detector, for emissions above 1 GHz, peak emissions also be measured and need comply with Peak limit.

- (7) The emissions from 9 kHz to 1 GHz, QP or average values were measured with EMI receiver with below RBW

Frequency band	RBW
9 kHz-150 kHz	200 Hz
150 kHz-30 MHz	9 kHz
30 MHz-1 GHz	120 kHz

- (8) For emissions above 1GHz, both Peak and Average level were measured with Spectrum Analyzer, and the RBW is set at 1 MHz, VBW is set at 3 MHz for Peak measure; According ANSI C63.10:2013 clause 4.1.4.2.2 procedure for average measure.

11.4. Test result

Pass. (See below detailed test result)

All the emissions except fundamental emission from 9 kHz to 25 GHz were comply with 15.209 limits and RSS-Gen section 8.9 limits.

Note1: According exploratory test no any obvious emission was detected from 9 kHz to 30 MHz and 18 GHz to 40 GHz, so the final test was performed with frequency range from 30 MHz to 18 GHz and recorded in below.

Note2: For emissions below 1 GHz, according exploratory explorer test, when change Tx mode and channel, have no distinct influence on emissions level, so for emissions below 1 GHz, the final test was only performed with EUT working in 802.11ac 40 mode.

Note3: For emissions above 1 GHz. If peak results comply with AV limit, AV Result is deemed to comply with AV limit. Only recorded the worst case in this report, and the EUT does not support Simultaneous emission with 2.4G WIFI and 5G WIFI.

Note 4: All bands of 5.8 GHz comply with the limit.

Radiated Emission test (below 1GHz)

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Bairong

EUT: Projector

Model XK03T

Test Mode: TX Mode

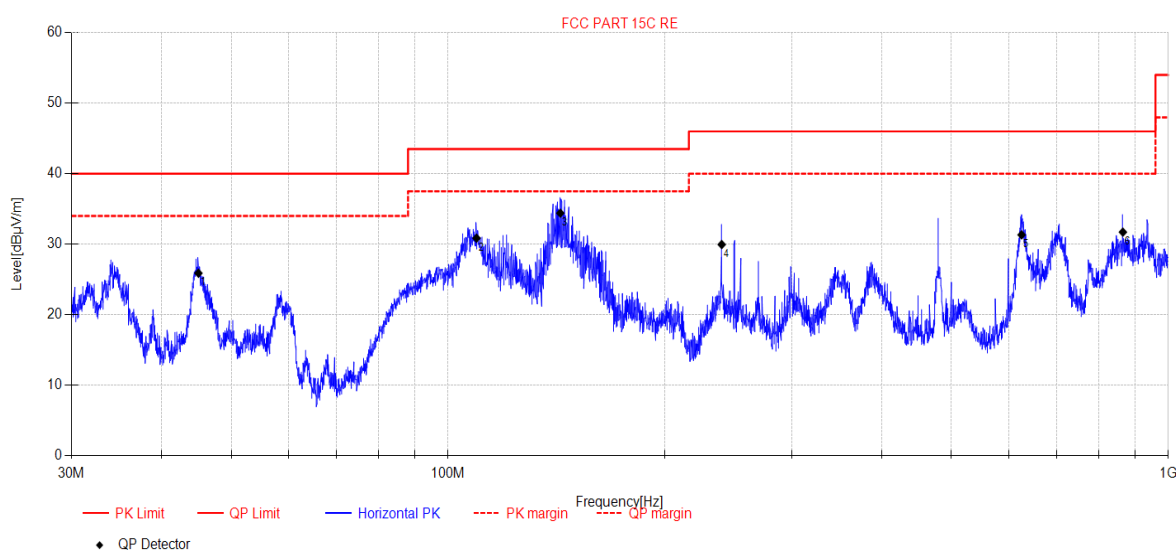
Number: XK03T
Power: AC 120V/60Hz
Supply:

Condition: Temp:22.3°C;Humi:44.8%;Press:100.3kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC BELOW 1G\20230111-094342_H

Memo: 5GWIFI



Final Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	AMP [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	45.02	44.4	13.00	0.76	-32.28	25.88	40.00	14.12	QP	Horizontal
2	109.54	51.07	10.55	1.46	-32.23	30.85	43.50	12.65	QP	Horizontal
3	143.18	57.53	7.40	1.66	-32.19	34.40	43.50	9.10	QP	Horizontal
4	239.89	47.96	12.00	2.18	-32.19	29.95	46.00	16.05	QP	Horizontal
5	625.58	41.46	19.00	3.62	-32.76	31.32	46.00	14.68	QP	Horizontal
6	864.90	37.7	22.10	4.33	-32.42	31.71	46.00	14.29	QP	Horizontal

Note:

- Result = Reading + Cable Loss + Antenna Factor + AMP
- If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
- Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Bairong

EUT: Projector

Model XK03T

Test Mode: TX Mode

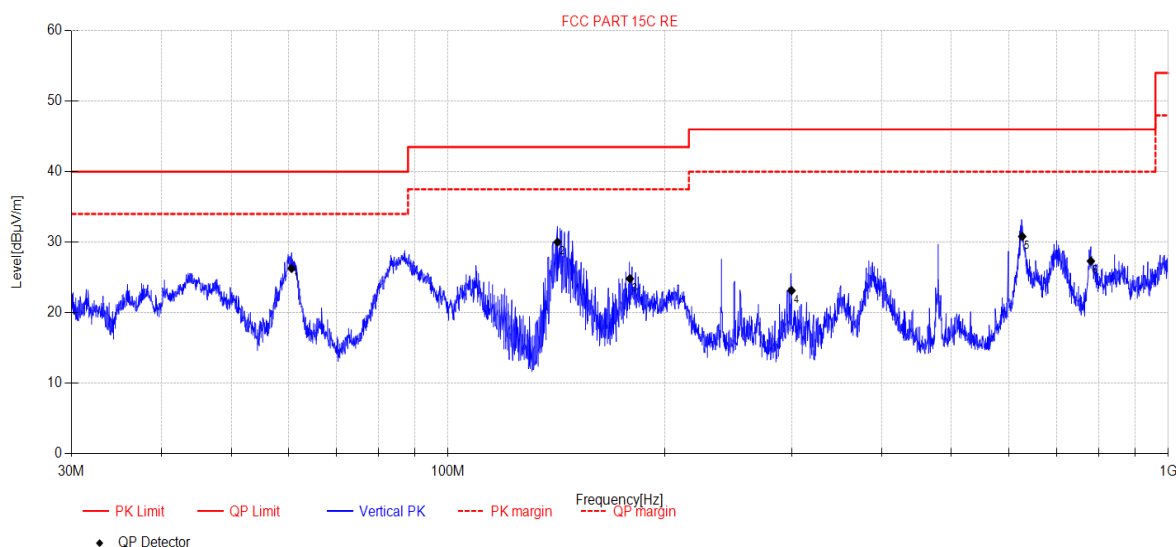
Number: AC 120V/60Hz

Condition: Temp:22.3°C;Humi:44.8%;Press:100.3kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC BELOW 1G\20230111-094430_V

Memo: 5GWIFI



Final Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	AMP [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	60.65	45.91	11.70	0.94	-32.27	26.28	40.00	13.72	QP	Vertical
2	141.88	53.14	7.40	1.65	-32.19	30.00	43.50	13.50	QP	Vertical
3	178.82	46	9.18	1.87	-32.24	24.81	43.50	18.69	QP	Vertical
4	299.81	39.72	13.29	2.44	-32.32	23.13	46.00	22.87	QP	Vertical
5	626.89	40.94	19.00	3.63	-32.76	30.81	46.00	15.19	QP	Vertical
6	780.74	35.03	21.01	4.07	-32.80	27.31	46.00	18.69	QP	Vertical

Note:

1. Result = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Radiated Emission test (above 1GHz)

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-02-20

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

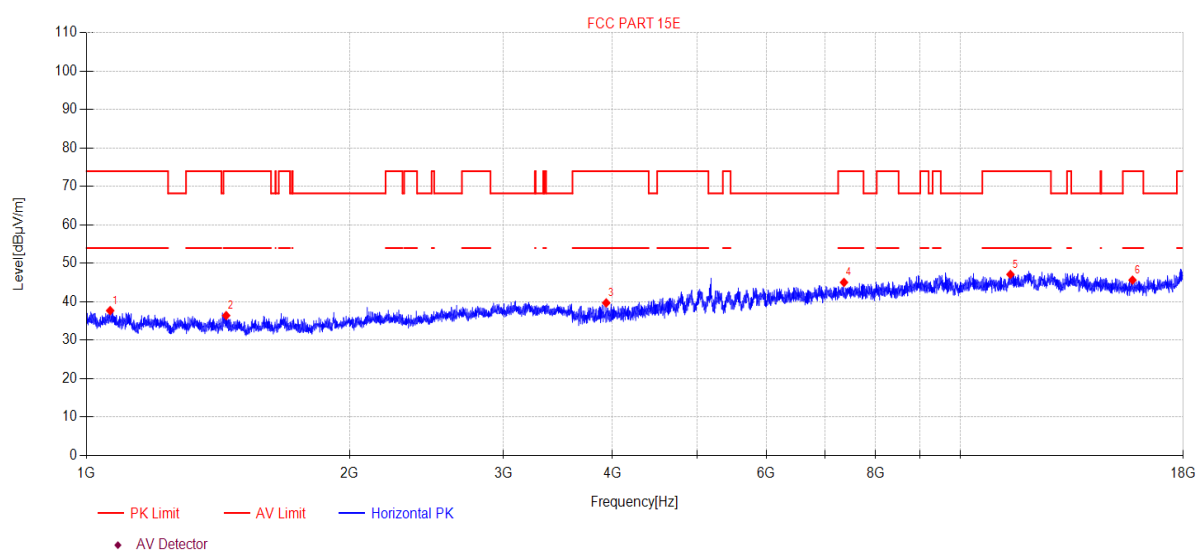
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G 11AC40\1

Memo: 11AC 40 5190

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1064.42	48.97	1.54	25.50	-38.30	37.71	74.00	36.29	PK	Horizontal
2	1445.13	47.89	1.80	25.60	-38.87	36.42	74.00	37.58	PK	Horizontal
3	3933.82	47.25	3.27	30.57	-41.36	39.73	74.00	34.27	PK	Horizontal
4	7360.88	45.14	4.42	36.50	-41.00	45.06	74.00	28.94	PK	Horizontal
5	11414.62	43.13	4.75	39.09	-39.84	47.13	74.00	26.87	PK	Horizontal
6	15745.60	41.02	6.60	38.25	-40.22	45.65	74.00	28.35	PK	Horizontal

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-02-20

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

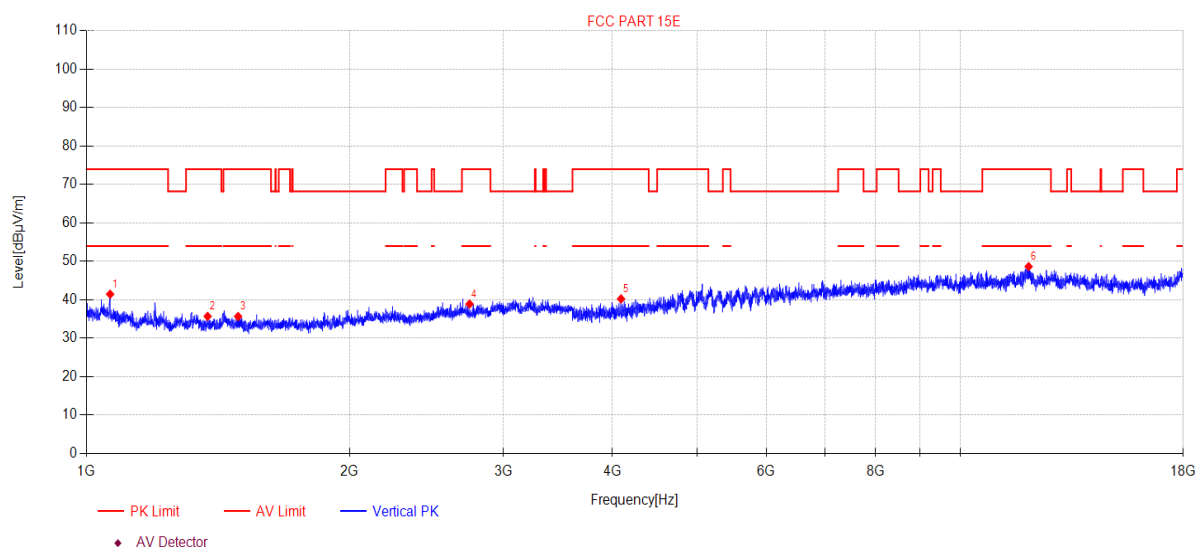
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G 11AC40\2

Memo: 11AC 40 5190

Test Graph



Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1064.42	52.73	1.54	25.50	-38.30	41.47	74.00	32.53	PK	Vertical
2	1376.24	47.10	1.76	25.60	-38.76	35.70	74.00	38.30	PK	Vertical
3	1491.37	47.26	1.83	25.52	-38.94	35.67	74.00	38.33	PK	Vertical
4	2744.24	47.88	3.15	28.39	-40.52	38.90	74.00	35.10	PK	Vertical
5	4090.33	47.29	3.44	30.88	-41.37	40.24	74.00	33.76	PK	Vertical
6	11975.59	44.02	4.68	38.88	-38.94	48.64	74.00	25.36	PK	Vertical

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-02-20

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

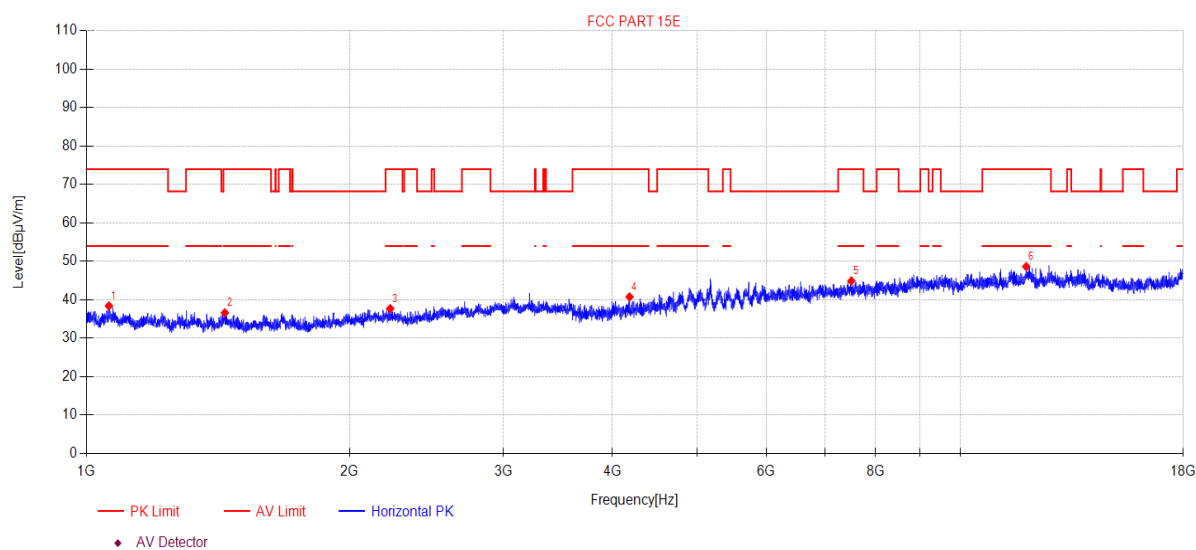
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G 11AC40\3

Memo: 11AC 40 5310

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1061.04	49.67	1.54	25.50	-38.29	38.42	74.00	35.58	PK	Horizontal
2	1440.12	48.09	1.80	25.60	-38.86	36.63	74.00	37.37	PK	Horizontal
3	2226.77	47.95	2.47	27.25	-39.95	37.72	74.00	36.28	PK	Horizontal
4	4183.59	47.42	3.62	31.07	-41.34	40.77	74.00	33.23	PK	Horizontal
5	7506.98	45.06	4.46	36.40	-41.00	44.92	74.00	29.08	PK	Horizontal
6	11899.68	44.22	4.69	38.80	-39.06	48.65	74.00	25.35	PK	Horizontal

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-02-20

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

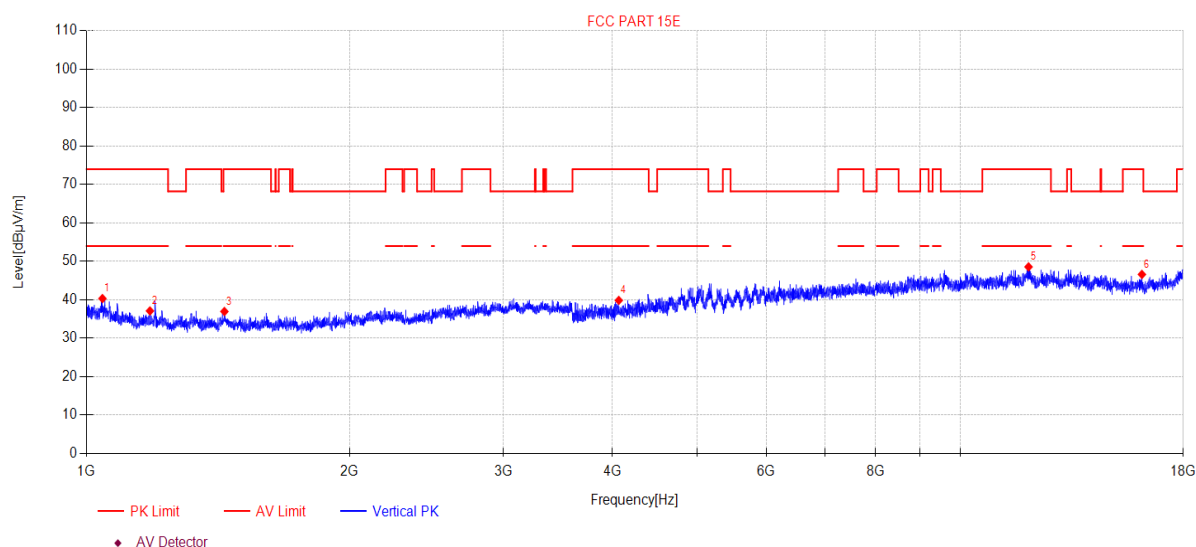
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G 11AC40V4

Memo: 11AC 40 5310

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1043.10	51.57	1.53	25.49	-38.26	40.33	74.00	33.67	PK	Vertical
2	1182.15	48.36	1.62	25.60	-38.47	37.11	74.00	36.89	PK	Vertical
3	1438.46	48.43	1.80	25.60	-38.86	36.97	74.00	37.03	PK	Vertical
4	4066.76	47.02	3.39	30.83	-41.38	39.86	74.00	34.14	PK	Vertical
5	11972.13	43.96	4.68	38.87	-38.94	48.57	74.00	25.43	PK	Vertical
6	16141.86	42.36	6.88	37.76	-40.39	46.61	74.00	27.39	PK	Vertical

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-02-20

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

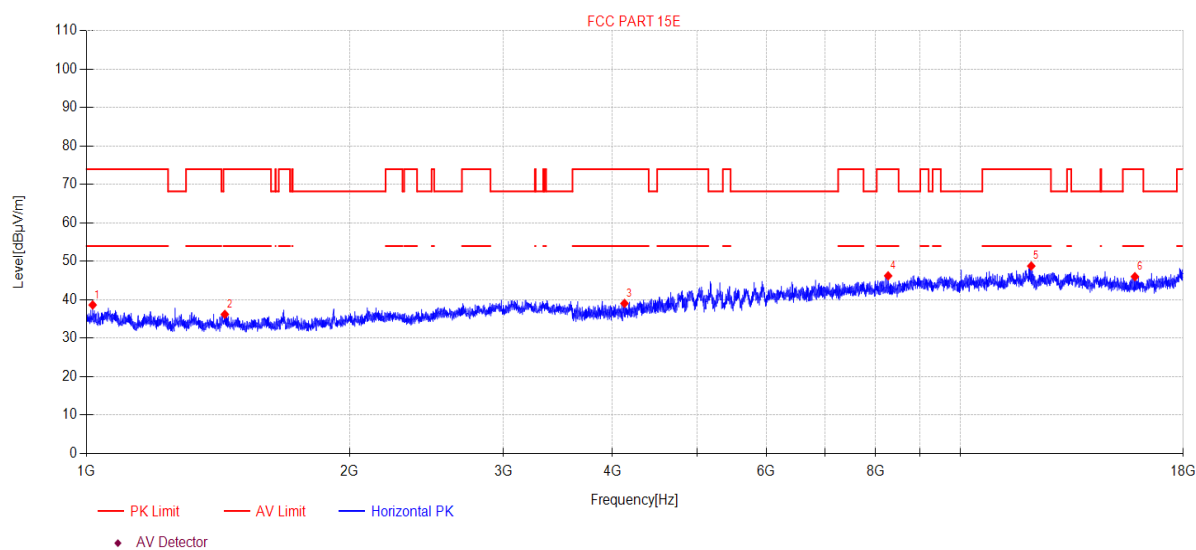
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G 11AC40\5

Memo: 11AC 40 5510

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1016.61	49.94	1.51	25.43	-38.22	38.66	74.00	35.34	PK	Horizontal
2	1440.12	47.68	1.80	25.60	-38.86	36.22	74.00	37.78	PK	Horizontal
3	4128.34	45.96	3.51	30.96	-41.36	39.07	74.00	34.93	PK	Horizontal
4	8270.13	45.11	4.56	37.14	-40.57	46.24	74.00	27.76	PK	Horizontal
5	12058.94	44.02	4.72	39.02	-38.96	48.80	74.00	25.20	PK	Horizontal
6	15846.03	41.48	6.68	38.15	-40.29	46.02	74.00	27.98	PK	Horizontal

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-02-20

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

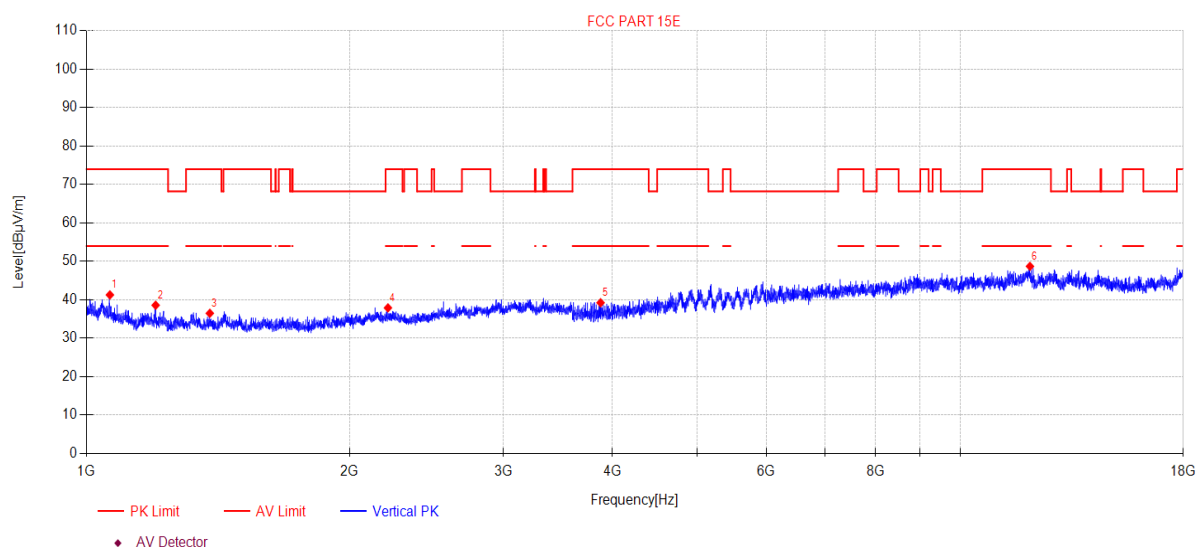
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G 11AC40\6

Memo: 11AC 40 5510

Test Graph



Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1063.80	52.54	1.54	25.50	-38.30	41.28	74.00	32.72	PK	Vertical
2	1200.05	49.85	1.64	25.60	-38.50	38.59	74.00	35.41	PK	Vertical
3	1384.22	47.92	1.76	25.60	-38.78	36.50	74.00	37.50	PK	Vertical
4	2213.30	48.15	2.46	27.23	-39.93	37.91	74.00	36.09	PK	Vertical
5	3876.26	46.83	3.29	30.45	-41.33	39.24	74.00	34.76	PK	Vertical
6	12017.19	44.01	4.69	38.93	-38.92	48.71	74.00	25.29	PK	Vertical

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-02-20

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

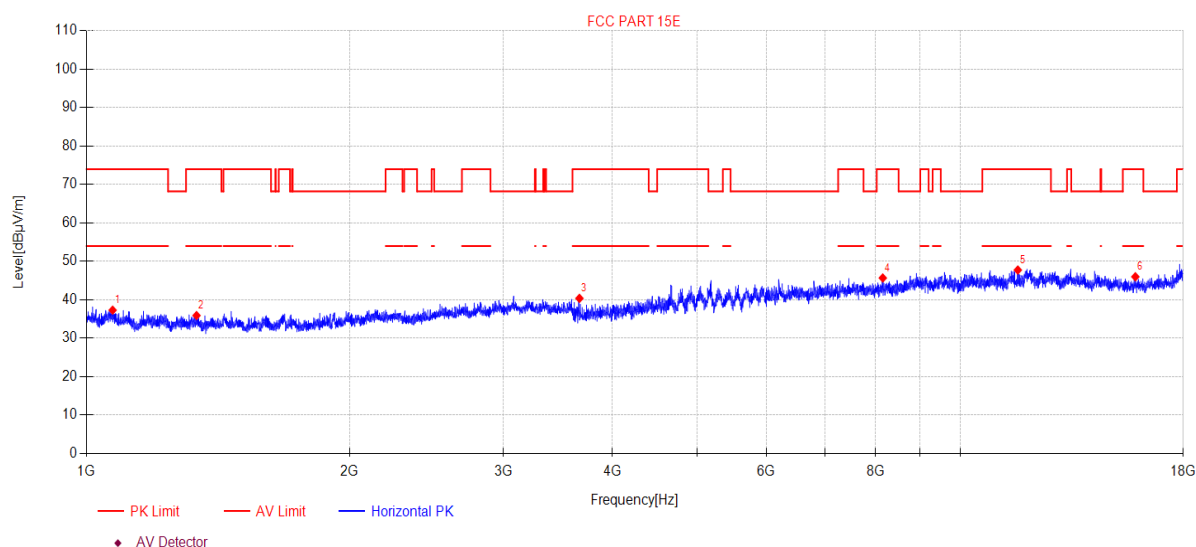
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G 11AC40V7

Memo: 11AC 40 5670

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1071.51	48.57	1.55	25.50	-38.31	37.31	74.00	36.69	PK	Horizontal
2	1336.65	47.28	1.73	25.60	-38.70	35.91	74.00	38.09	PK	Horizontal
3	3665.97	48.40	3.33	29.86	-41.20	40.39	74.00	33.61	PK	Horizontal
4	8153.84	44.84	4.58	37.01	-40.75	45.68	74.00	28.32	PK	Horizontal
5	11637.80	43.65	4.72	38.86	-39.48	47.75	74.00	26.25	PK	Horizontal
6	15864.36	41.48	6.69	38.14	-40.31	46.00	74.00	28.00	PK	Horizontal

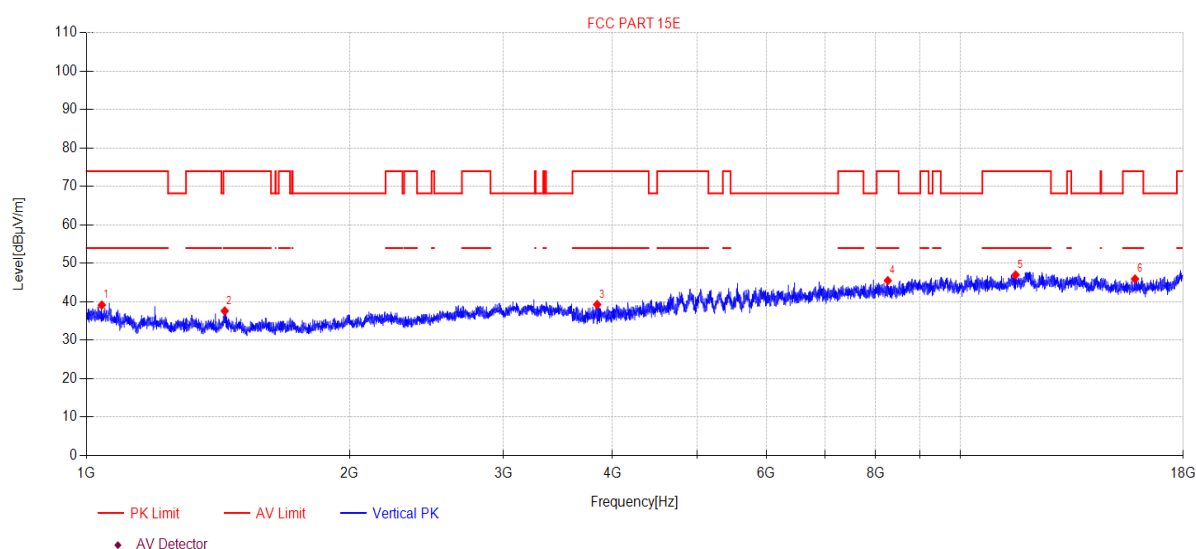
Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-02-20 **Tested By:** Johnson Huang
EUT: Projector **Model Number:** XK03T
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G 11AC40\8
Memo: 11AC 40 5670

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1041.29	50.41	1.53	25.48	-38.26	39.16	74.00	34.84	PK	Vertical
2	1439.71	49.09	1.80	25.60	-38.86	37.63	74.00	36.37	PK	Vertical
3	3841.69	46.93	3.29	30.38	-41.31	39.29	74.00	34.71	PK	Vertical
4	8262.96	44.40	4.56	37.13	-40.58	45.51	74.00	28.49	PK	Vertical
5	11570.72	42.94	4.73	38.93	-39.59	47.01	74.00	26.99	PK	Vertical
6	15850.61	41.43	6.68	38.15	-40.30	45.96	74.00	28.04	PK	Vertical

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-02-21

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

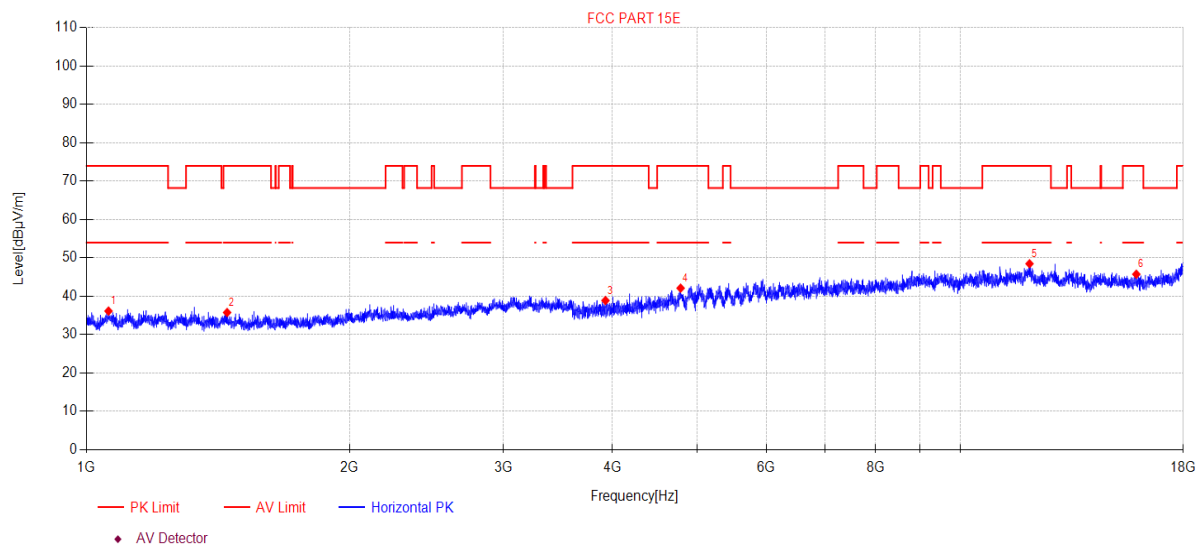
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G 11AC40\9

Memo: 11AC 40 5755

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1059.81	47.40	1.54	25.50	-38.29	36.15	74.00	37.85	PK	Horizontal
2	1448.89	47.23	1.81	25.60	-38.87	35.77	74.00	38.23	PK	Horizontal
3	3927.00	46.43	3.28	30.55	-41.36	38.90	74.00	35.10	PK	Horizontal
4	4786.73	46.21	4.82	32.25	-41.16	42.12	74.00	31.88	PK	Horizontal
5	12003.31	43.80	4.68	38.91	-38.90	48.49	74.00	25.51	PK	Horizontal
6	15905.68	41.27	6.72	38.09	-40.33	45.75	74.00	28.25	PK	Horizontal

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-02-21

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

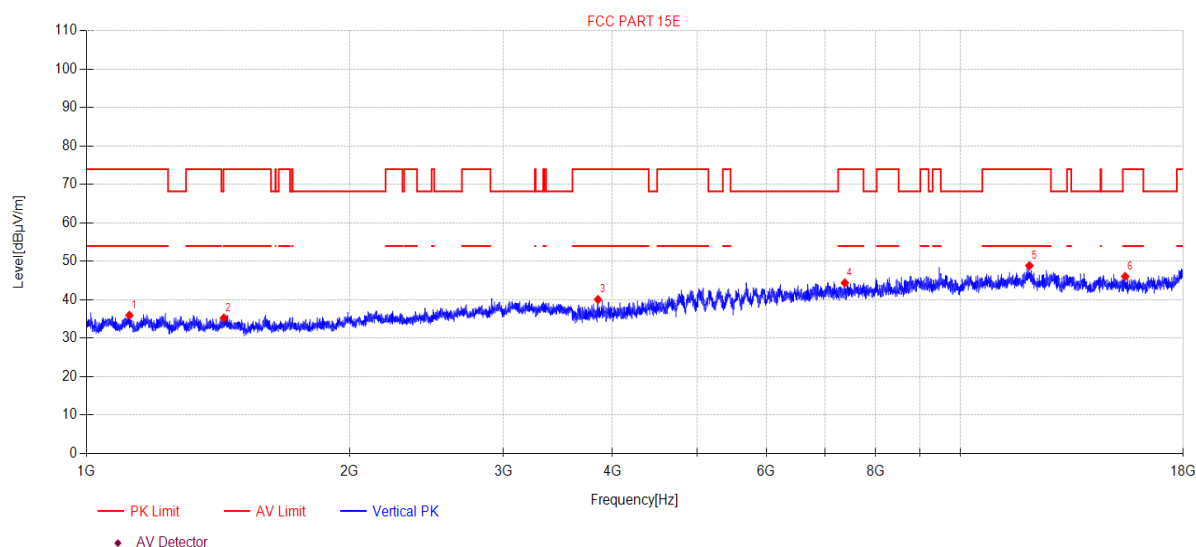
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G 11AC40\10

Memo: 11AC 40 5755

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1119.96	47.23	1.58	25.54	-38.38	35.97	74.00	38.03	PK	Vertical
2	1436.38	46.70	1.80	25.60	-38.85	35.25	74.00	38.75	PK	Vertical
3	3849.47	47.71	3.29	30.40	-41.31	40.09	74.00	33.91	PK	Vertical
4	7377.92	44.49	4.42	36.50	-41.00	44.41	74.00	29.59	PK	Vertical
5	11999.84	44.20	4.68	38.90	-38.90	48.88	74.00	25.12	PK	Vertical
6	15443.64	41.07	6.35	38.66	-40.01	46.07	74.00	27.93	PK	Vertical

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-02-21

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

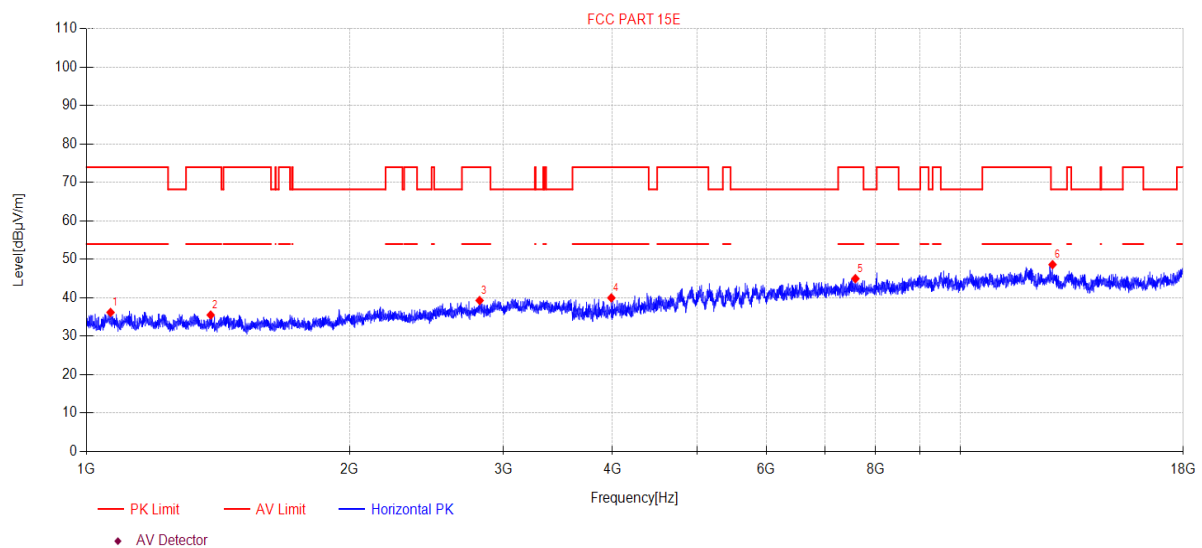
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G 11AC40\11

Memo: 11AC 40 5795

Test Graph



Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1065.65	47.46	1.54	25.50	-38.30	36.20	74.00	37.80	PK	Horizontal
2	1387.42	46.95	1.76	25.60	-38.78	35.53	74.00	38.47	PK	Horizontal
3	2818.19	48.09	3.24	28.57	-40.60	39.30	74.00	34.70	PK	Horizontal
4	3987.62	47.43	3.26	30.68	-41.39	39.98	74.00	34.02	PK	Horizontal
5	7585.49	45.09	4.49	36.40	-41.00	44.98	74.00	29.02	PK	Horizontal
6	12754.37	43.68	5.16	39.45	-39.65	48.64	68.20	19.56	PK	Horizontal

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-02-21

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

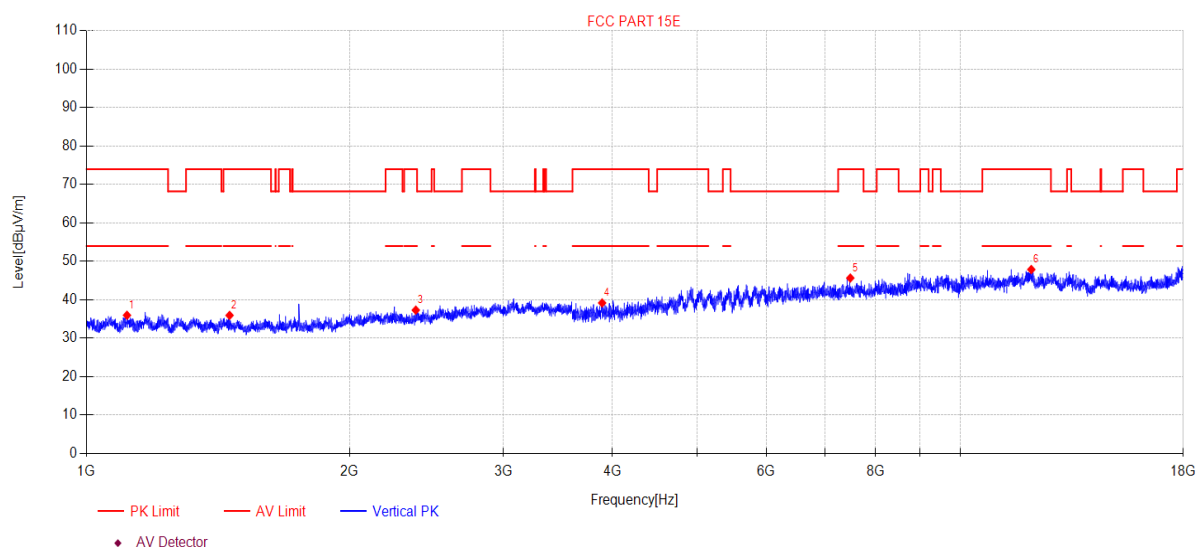
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G 11AC40\12

Memo: 11AC 40 5795

Test Graph



Suspected Data List

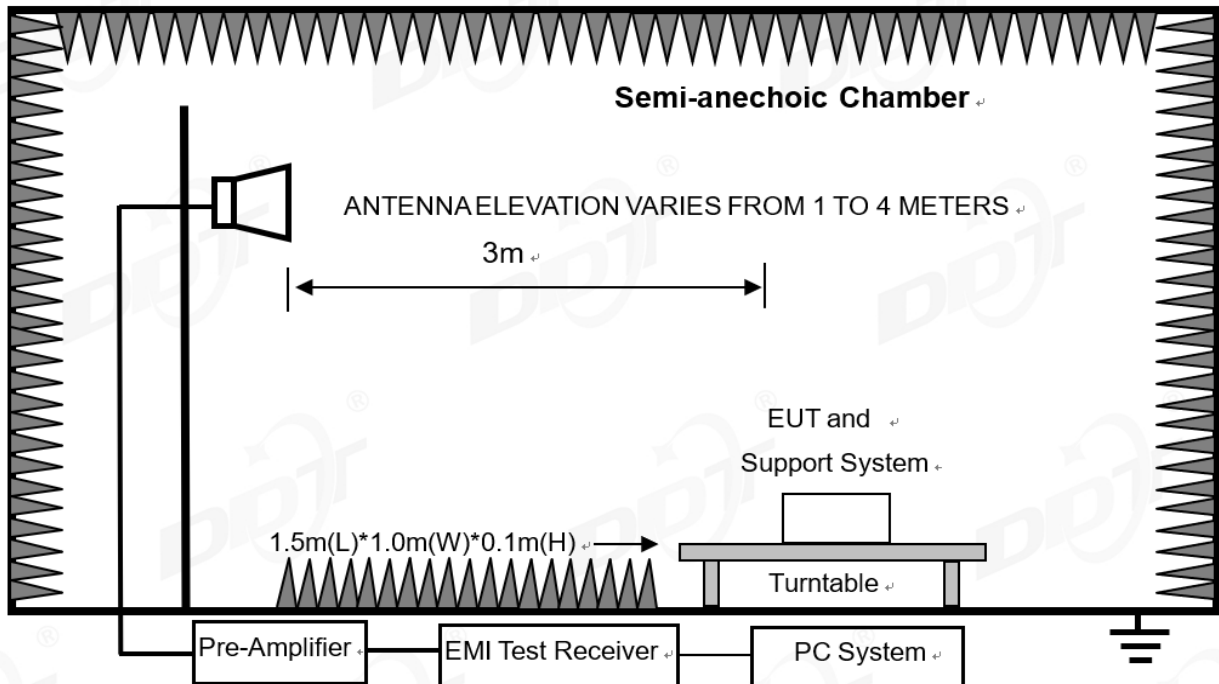
NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1112.86	47.24	1.58	25.53	-38.37	35.98	74.00	38.02	PK	Vertical
2	1458.13	47.45	1.81	25.58	-38.89	35.95	74.00	38.05	PK	Vertical
3	2381.88	47.30	2.68	27.46	-40.12	37.32	74.00	36.68	PK	Vertical
4	3891.98	46.77	3.28	30.48	-41.34	39.19	74.00	34.81	PK	Vertical
5	7485.31	45.78	4.46	36.43	-41.00	45.67	74.00	28.33	PK	Vertical
6	12058.94	43.10	4.72	39.02	-38.96	47.88	74.00	26.12	PK	Vertical

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

12. Band Edge Compliance

12.1. Block diagram of test setup



12.2. Limit

For transmitters operating in the 5.15-5.25 GHz and 5.725-5.85 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.

$$-27 \text{ dBm/MHz Limit} = 95.2 + \text{EIRP}[\text{dBm}] = 95.2 - 27 = 68.2 \text{ dB}\mu\text{V/m}$$

12.3. Test Procedure

Same with clause 8.3 except change investigated frequency range from 5.15-5.25 GHz, 5.250-5.350 GHz, 5.470-5.725 GHz, 5.725-5.85 GHz.

Remark: All restriction band have been tested, and only the worst case is shown in report.

12.4. Test result

Pass. (See below detailed test result)

Note: As specified in 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in 15.407(b)(4)). However, an out-of-band emission that complies with both the average and peak limits of 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz peak emission limit

Note2: 11a, 11n20, n40, 11ac20, 11ac40, 11ac80 mode all have been tested, only 11a mode of ANT2, 11n20, n40, 11ac20, 11ac40, 11ac80 mode of MIMO mode are worse case and reported.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

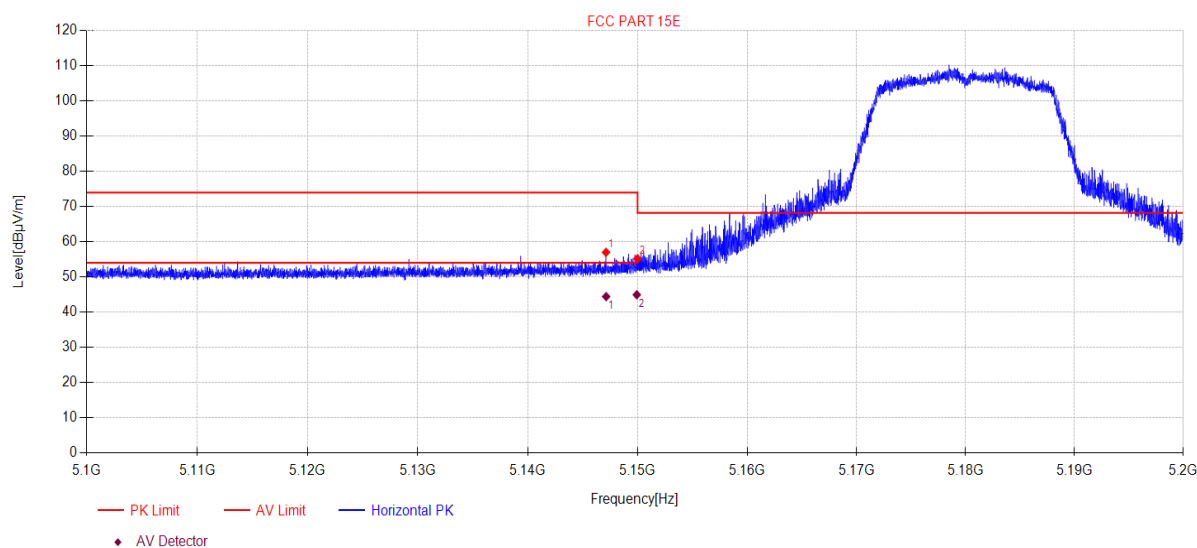
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDAI\7

Memo: 11A 5180

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5147.13	50.99	4.14	32.90	-31.04	56.99	74.00	17.01	PK	Horizontal
2	5150.00	49.19	4.14	32.90	-31.04	55.19	74.00	18.81	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5147.13	38.41	4.14	32.90	-31.04	44.41	54.00	9.59	AV	Horizontal
2	5150.00	38.92	4.14	32.90	-31.04	44.92	54.00	9.08	AV	Horizontal

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

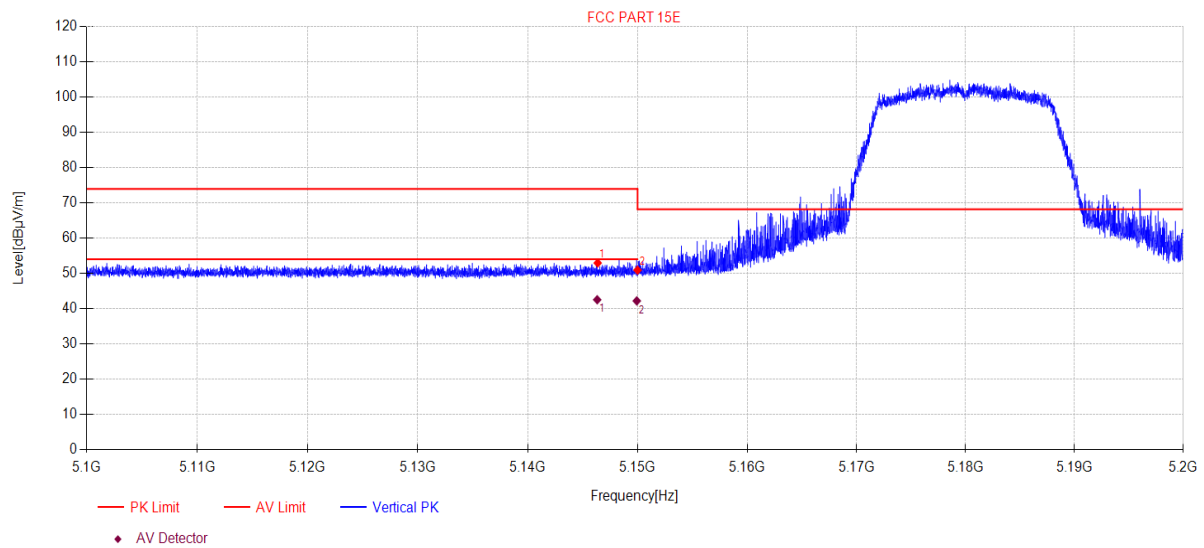
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\8

Memo: 11A 5180

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5146.37	46.96	4.14	32.90	-31.04	52.96	74.00	21.04	PK	Vertical
2	5150.00	44.93	4.14	32.90	-31.04	50.93	74.00	23.07	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5146.32	36.52	4.14	32.90	-31.04	42.52	54.00	11.48	AV	Vertical
2	5149.93	36.19	4.14	32.90	-31.04	42.19	54.00	11.81	AV	Vertical

Note:

- Level = Reading + Cable Loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

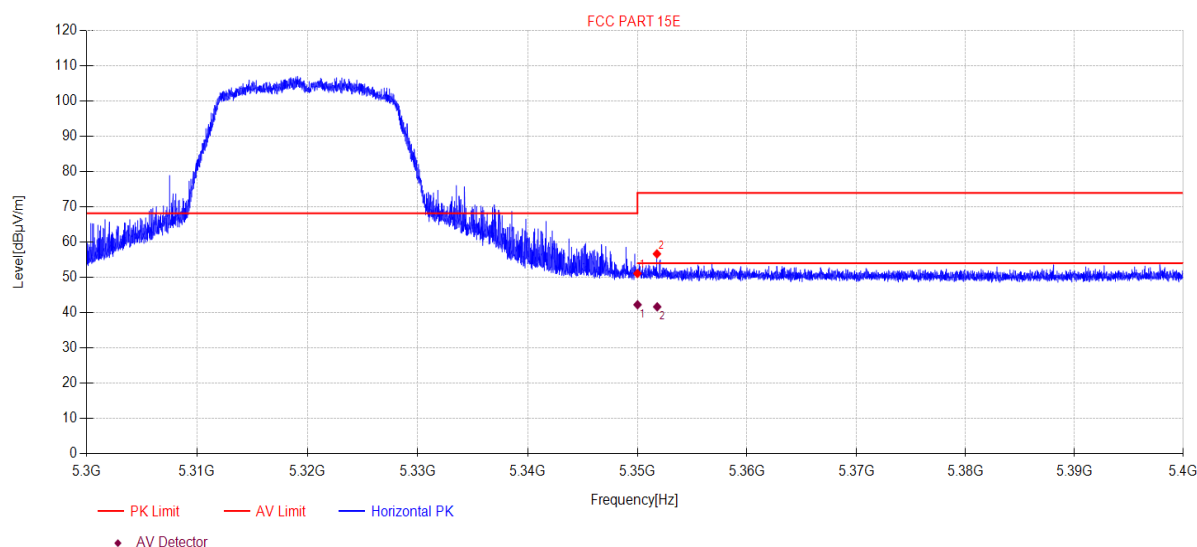
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\9

Memo: 11A 5320

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	44.96	4.21	32.90	-30.96	51.11	68.20	17.09	PK	Horizontal
2	5351.78	50.52	4.21	32.90	-30.96	56.67	74.00	17.33	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.01	36.10	4.21	32.90	-30.96	42.25	54.00	11.75	AV	Horizontal
2	5351.80	35.50	4.21	32.90	-30.96	41.65	54.00	12.35	AV	Horizontal

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

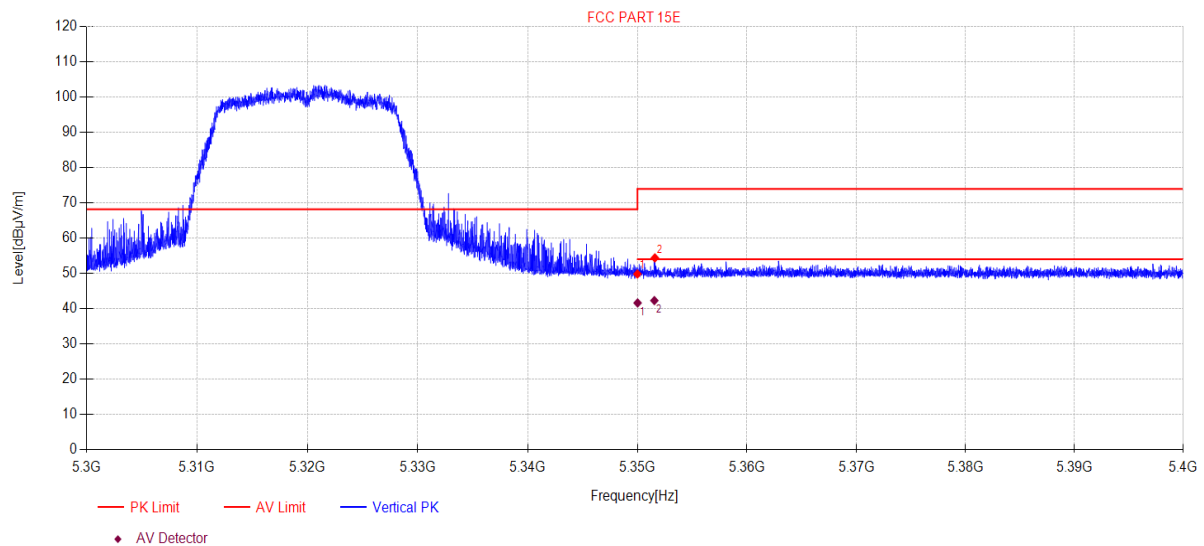
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\10

Memo: 11A 5320

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	43.68	4.21	32.90	-30.96	49.83	68.20	18.37	PK	Vertical
2	5351.59	48.25	4.21	32.90	-30.96	54.40	74.00	19.60	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.01	35.47	4.21	32.90	-30.96	41.62	54.00	12.38	AV	Vertical
2	5351.55	36.15	4.21	32.90	-30.96	42.30	54.00	11.70	AV	Vertical

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

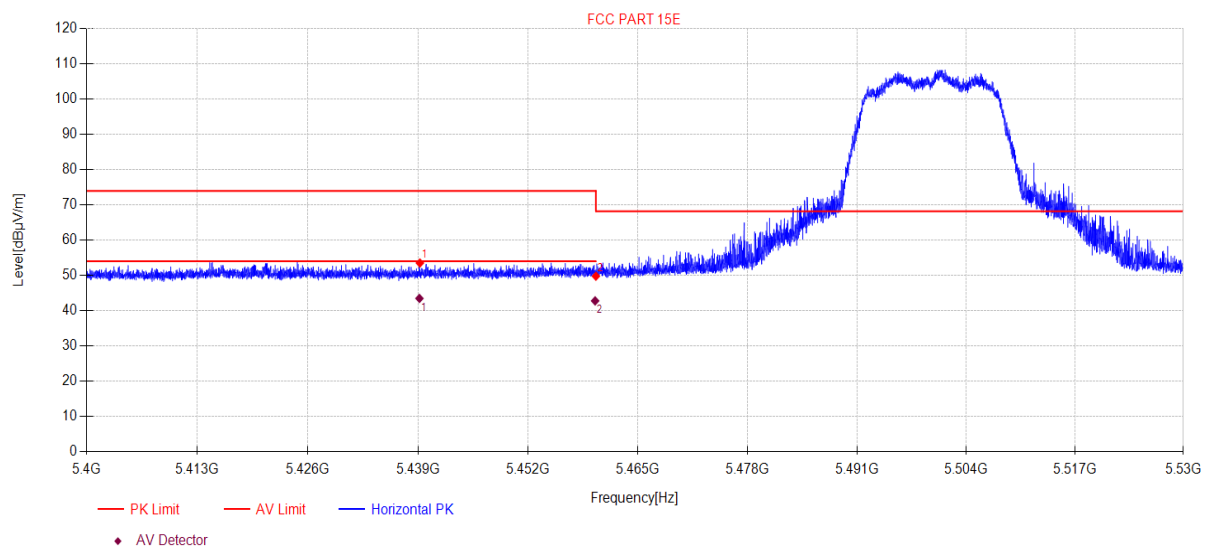
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\11

Memo: 11A 5500

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5439.20	47.28	4.25	32.90	-30.92	53.51	74.00	20.49	PK	Horizontal
2	5460.00	43.54	4.25	32.90	-30.92	49.77	74.00	24.23	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5439.14	37.24	4.25	32.90	-30.92	43.47	54.00	10.53	AV	Horizontal
2	5459.90	36.54	4.25	32.90	-30.92	42.77	54.00	11.23	AV	Horizontal

Note:

- Level = Reading + Cable Loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

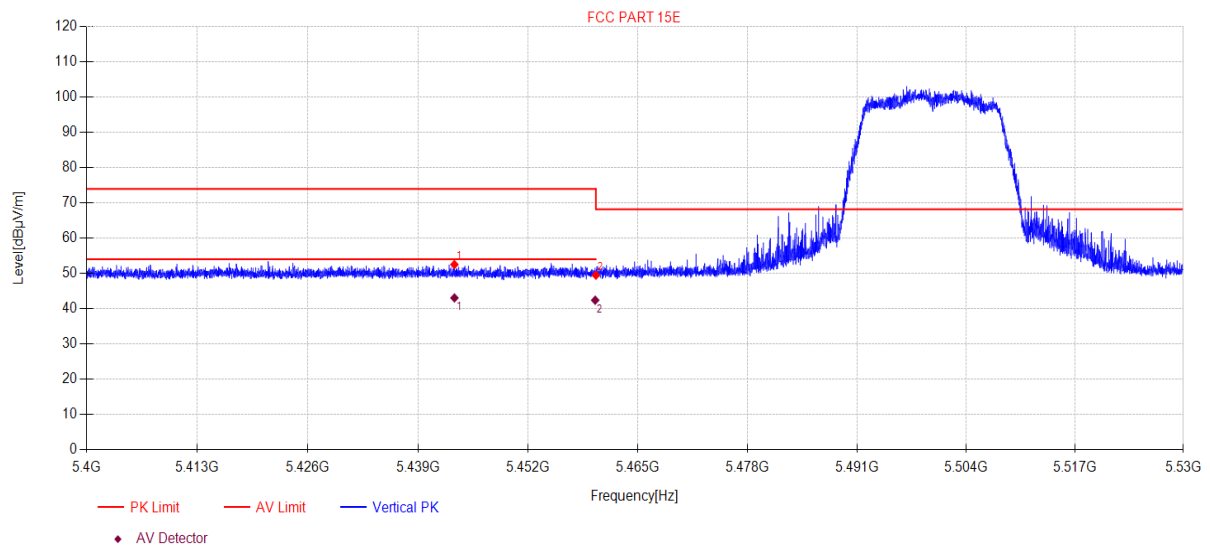
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\12

Memo: 11A 5500

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5443.26	46.28	4.25	32.90	-30.92	52.51	74.00	21.49	PK	Vertical
2	5460.00	43.27	4.25	32.90	-30.92	49.50	74.00	24.50	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5443.27	36.82	4.25	32.90	-30.92	43.05	54.00	10.95	AV	Vertical
2	5459.91	36.17	4.25	32.90	-30.92	42.40	54.00	11.60	AV	Vertical

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

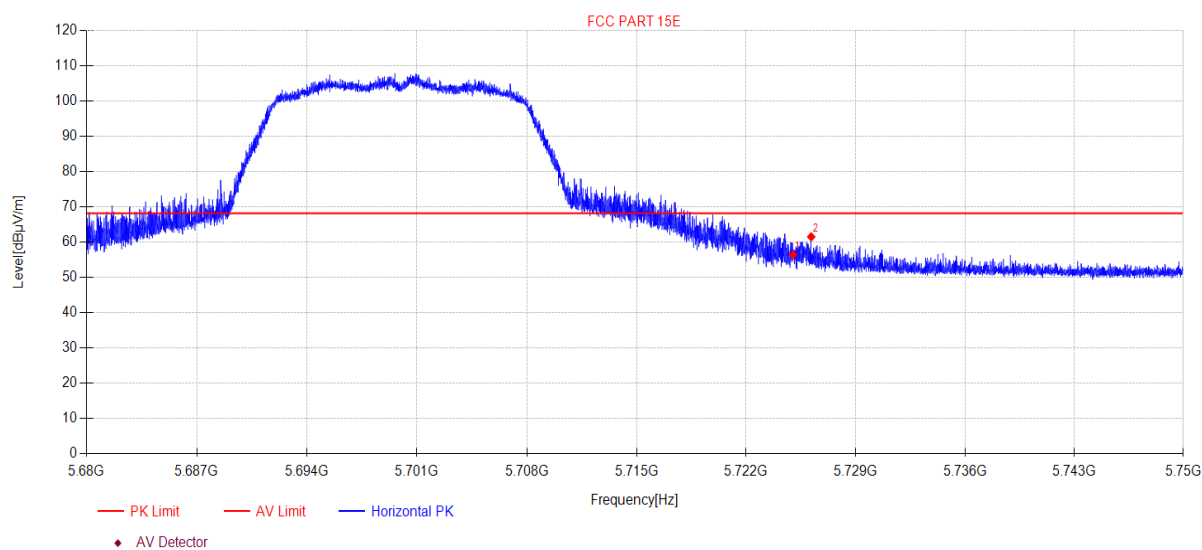
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\13

Memo: 11A 5700

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	49.42	4.36	33.45	-30.81	56.42	68.20	11.78	PK	Horizontal
2	5726.16	54.52	4.36	33.45	-30.81	61.52	68.20	6.68	PK	Horizontal

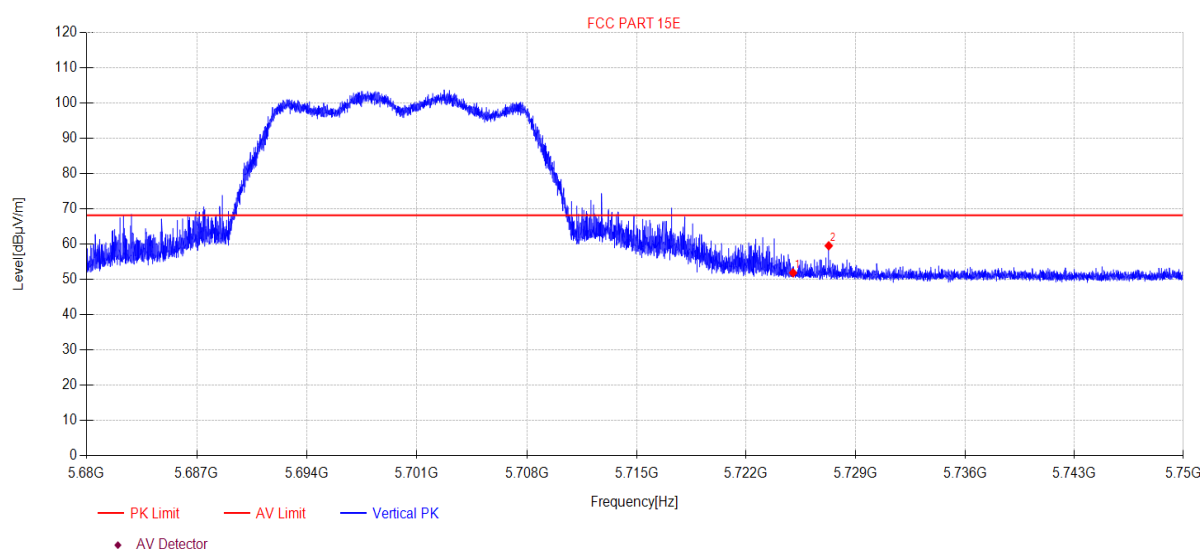
Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11 **Tested By:** Johnson Huang
EUT: Projector **Model Number:** XK03T
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDAI\14
Memo: 11A 5700

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	44.87	4.36	33.45	-30.81	51.87	68.20	16.33	PK	Vertical
2	5727.28	52.55	4.36	33.45	-30.81	59.55	68.20	8.65	PK	Vertical

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

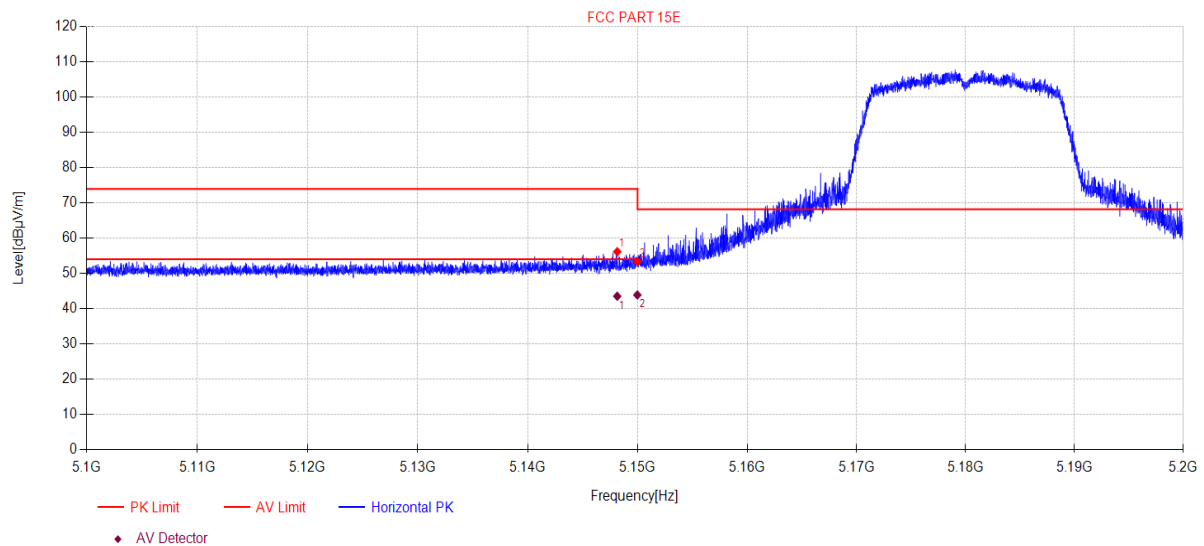
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\15

Memo: 11N20 5180

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.15	50.17	4.14	32.90	-31.04	56.17	74.00	17.83	PK	Horizontal
2	5150.00	47.37	4.14	32.90	-31.04	53.37	74.00	20.63	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.15	37.52	4.14	32.90	-31.04	43.52	54.00	10.48	AV	Horizontal
2	5149.99	37.88	4.14	32.90	-31.04	43.88	54.00	10.12	AV	Horizontal

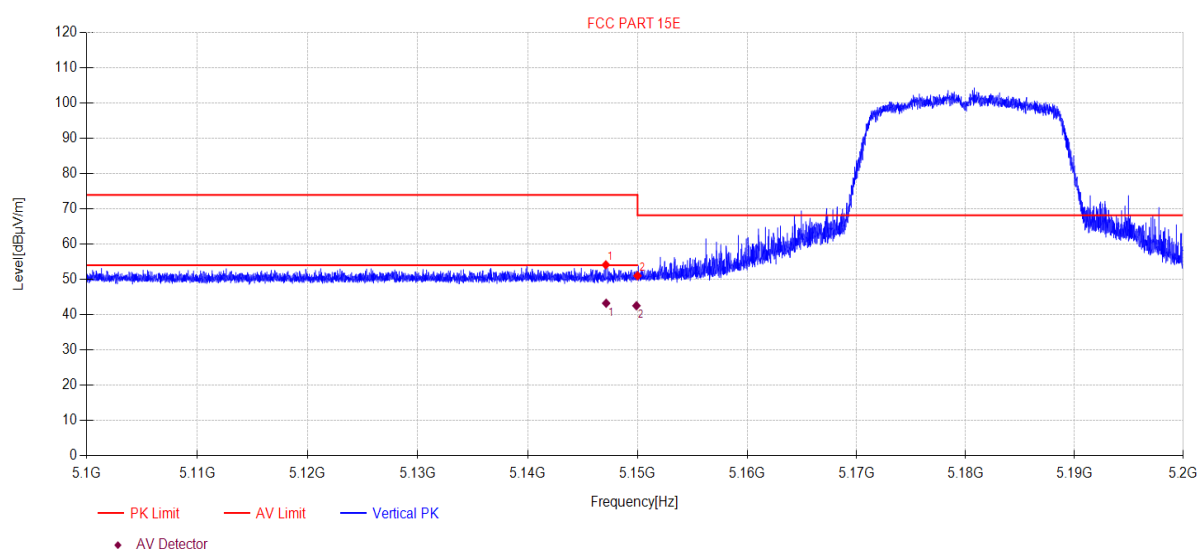
Note:

- Level = Reading + Cable Loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11 **Tested By:** Johnson Huang
EUT: Projector **Model Number:** XK03T
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\16
Memo: 11N20 5180

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5147.11	48.13	4.14	32.90	-31.04	54.13	74.00	19.87	PK	Vertical
2	5150.00	45.04	4.14	32.90	-31.04	51.04	74.00	22.96	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5147.14	37.24	4.14	32.90	-31.04	43.24	54.00	10.76	AV	Vertical
2	5149.90	36.52	4.14	32.90	-31.04	42.52	54.00	11.48	AV	Vertical

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

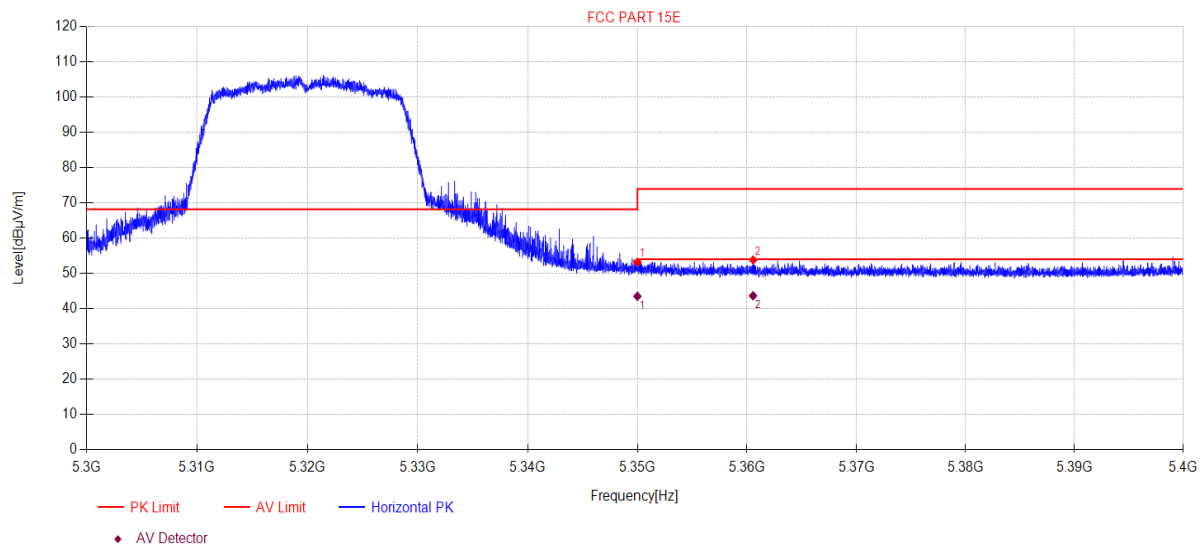
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\17

Memo: 11N20 5320

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	47.05	4.21	32.90	-30.96	53.20	68.20	15.00	PK	Horizontal
2	5360.56	47.65	4.22	32.90	-30.96	53.81	74.00	20.19	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	37.36	4.21	32.90	-30.96	43.51	54.00	10.49	AV	Horizontal
2	5360.55	37.49	4.22	32.90	-30.96	43.65	54.00	10.35	AV	Horizontal

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

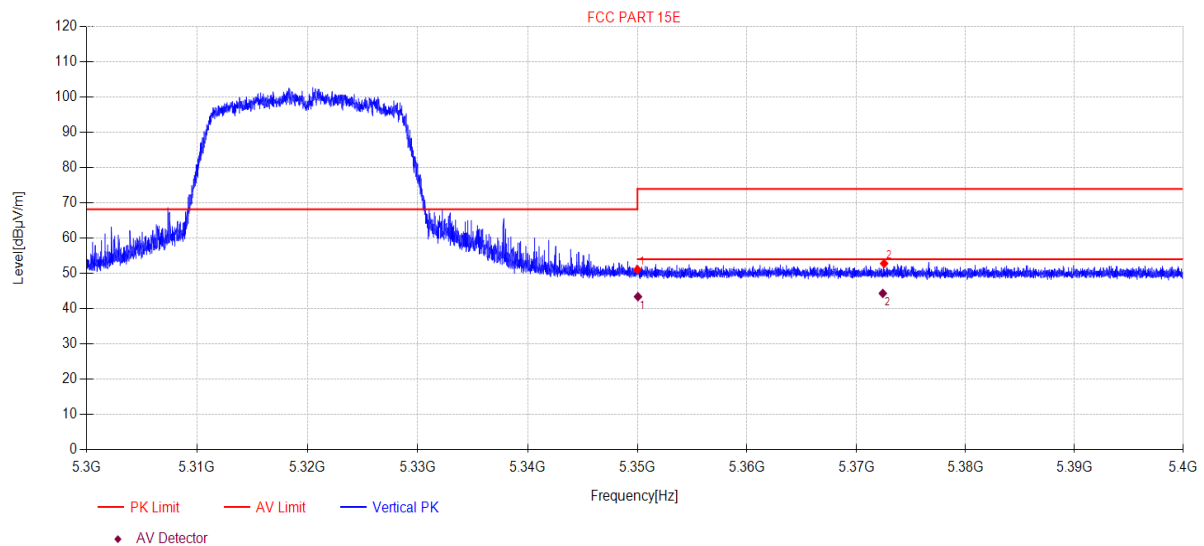
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDAI\18

Memo: 11N20 5320

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	44.92	4.21	32.90	-30.96	51.07	68.20	17.13	PK	Vertical
2	5372.54	46.64	4.22	32.90	-30.95	52.81	74.00	21.19	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.05	37.25	4.21	32.90	-30.96	43.40	54.00	10.60	AV	Vertical
2	5372.42	38.16	4.22	32.90	-30.95	44.33	54.00	9.67	AV	Vertical

Note:

- Level = Reading + Cable Loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

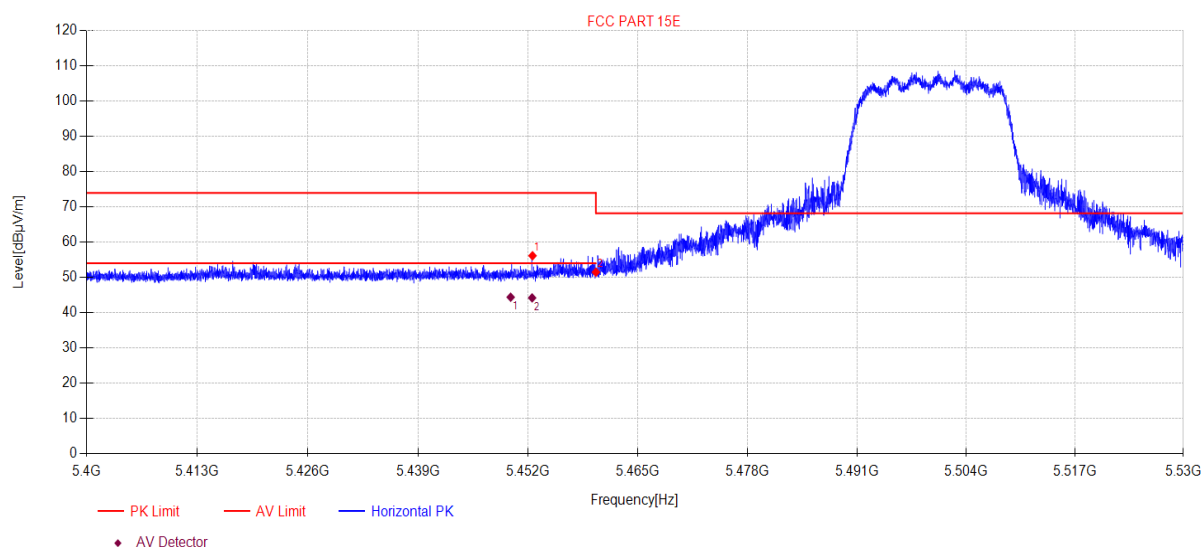
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\19

Memo: 11N20 5500

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5452.49	49.92	4.25	32.90	-30.92	56.15	74.00	17.85	PK	Horizontal
2	5460.00	45.25	4.25	32.90	-30.92	51.48	74.00	22.52	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5449.91	38.16	4.25	32.90	-30.92	44.39	54.00	9.61	AV	Horizontal
2	5452.45	37.96	4.25	32.90	-30.92	44.19	54.00	9.81	AV	Horizontal

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

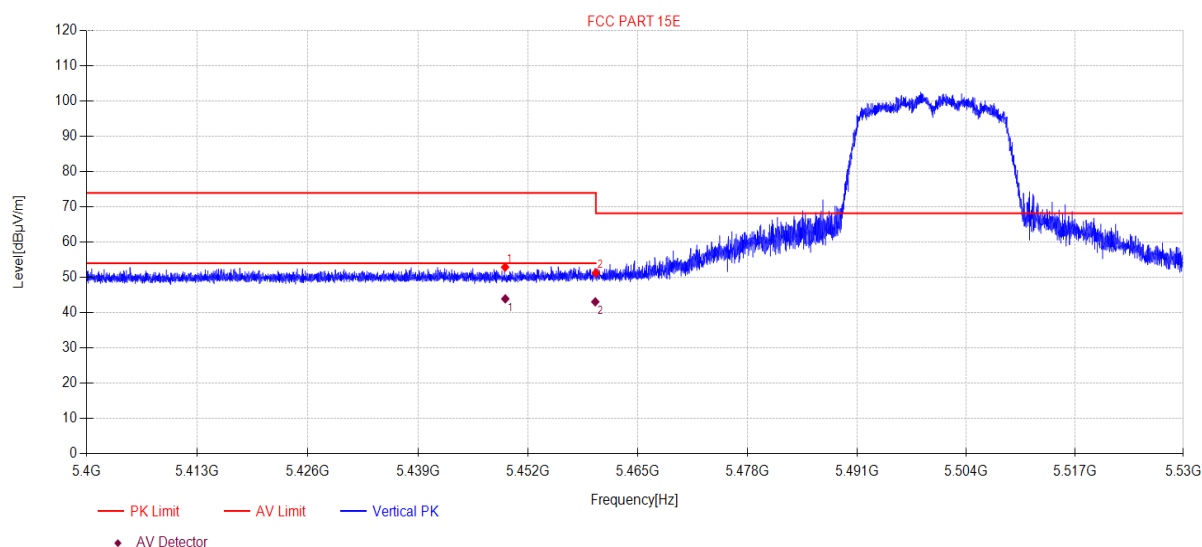
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDAI\20

Memo: 11N20 5500

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5449.26	46.67	4.25	32.90	-30.92	52.90	74.00	21.10	PK	Vertical
2	5460.00	45.06	4.25	32.90	-30.92	51.29	74.00	22.71	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5449.28	37.69	4.25	32.90	-30.92	43.92	54.00	10.08	AV	Vertical
2	5459.93	36.84	4.25	32.90	-30.92	43.07	54.00	10.93	AV	Vertical

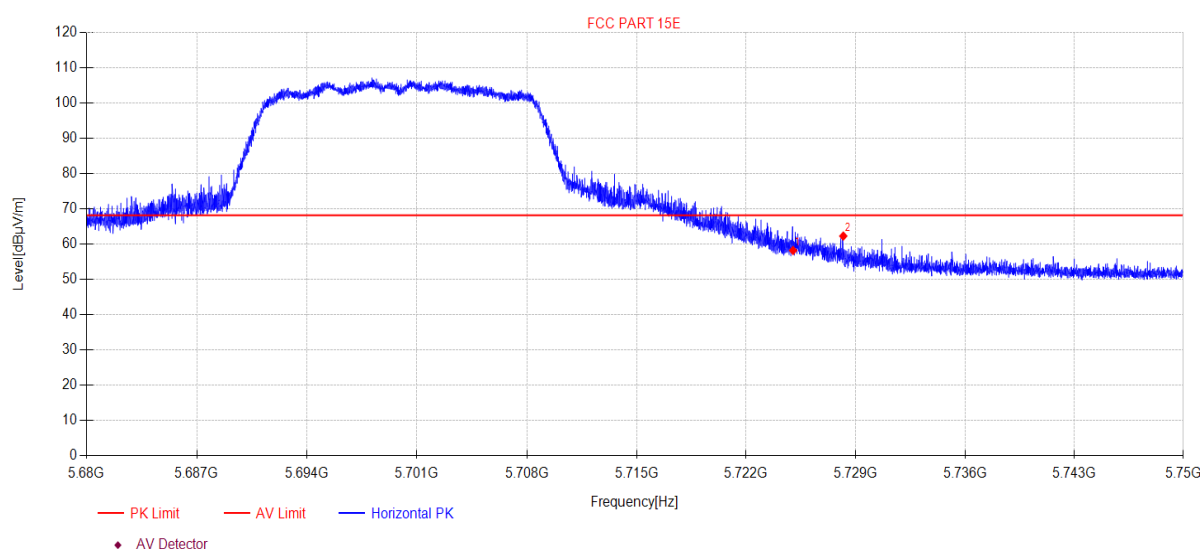
Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11 **Tested By:** Johnson Huang
EUT: Projector **Model Number:** XK03T
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\21
Memo: 11N20 5700

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	51.22	4.36	33.45	-30.81	58.22	68.20	9.98	PK	Horizontal
2	5728.21	55.29	4.36	33.46	-30.81	62.30	68.20	5.90	PK	Horizontal

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

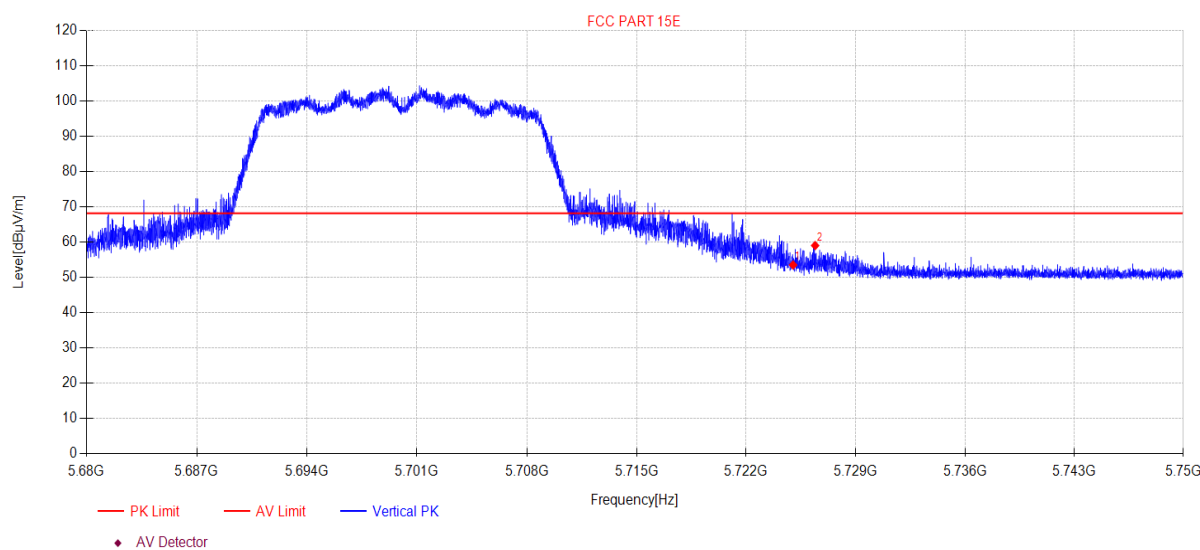
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\22

Memo: 11N20 5700

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	46.53	4.36	33.45	-30.81	53.53	68.20	14.67	PK	Vertical
2	5726.41	52.04	4.36	33.45	-30.81	59.04	68.20	9.16	PK	Vertical

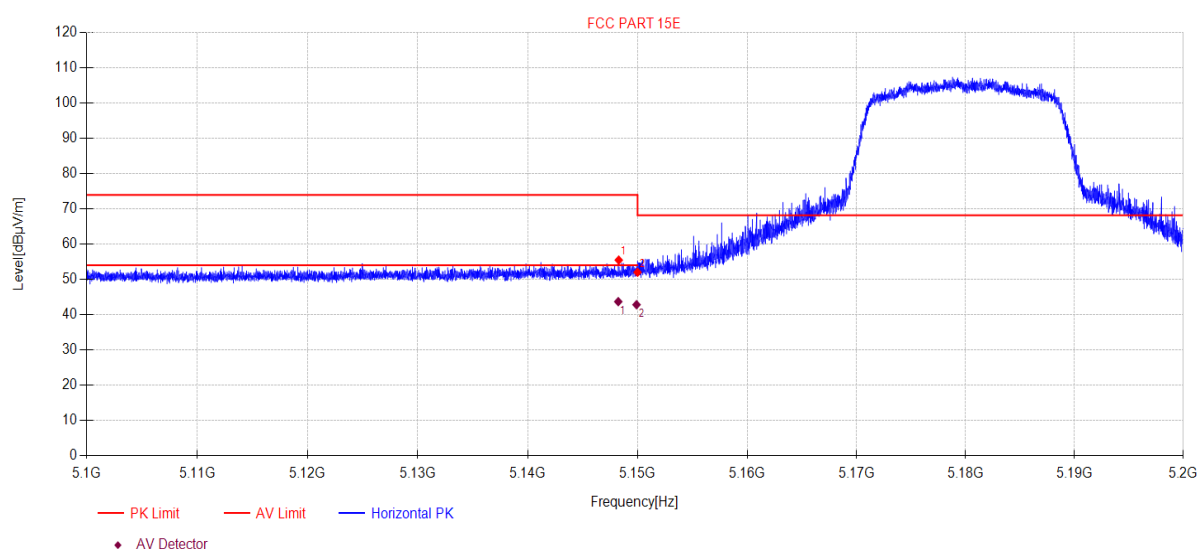
Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11 **Tested By:** Johnson Huang
EUT: Projector **Model Number:** XK03T
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\23
Memo: 11AC20 5180

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.29	49.48	4.14	32.90	-31.04	55.48	74.00	18.52	PK	Horizontal
2	5150.00	46.02	4.14	32.90	-31.04	52.02	74.00	21.98	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5148.25	37.68	4.14	32.90	-31.04	43.68	54.00	10.32	AV	Horizontal
2	5149.91	36.82	4.14	32.90	-31.04	42.82	54.00	11.18	AV	Horizontal

Note:

- Level = Reading + Cable Loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

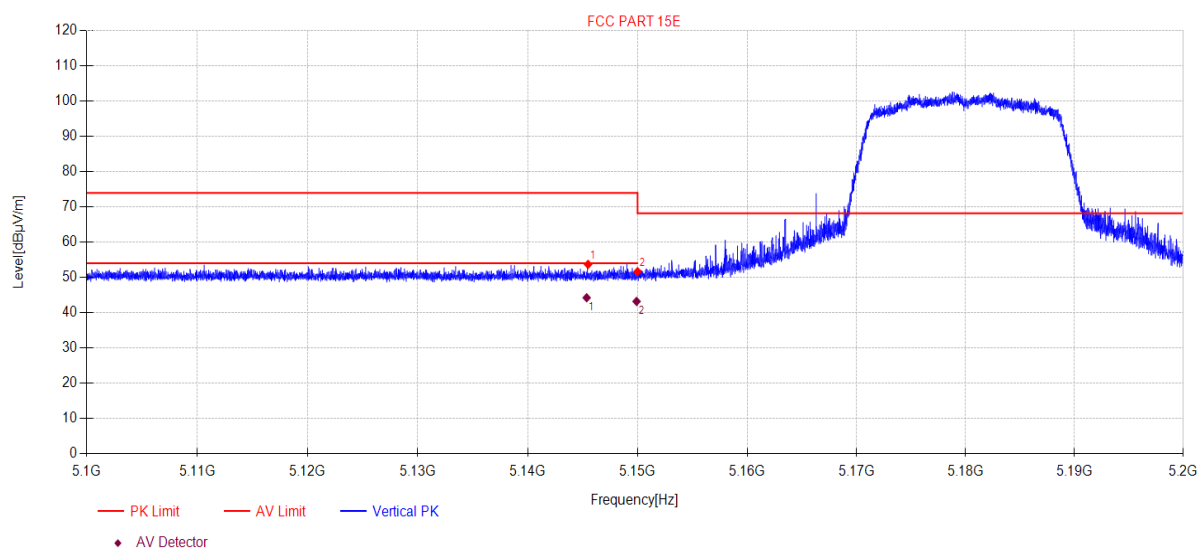
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDAI\24

Memo: 11AC20 5180

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5145.49	47.69	4.14	32.90	-31.04	53.69	74.00	20.31	PK	Vertical
2	5150.00	45.65	4.14	32.90	-31.04	51.65	74.00	22.35	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5145.36	38.24	4.14	32.90	-31.04	44.24	54.00	9.76	AV	Vertical
2	5149.91	37.19	4.14	32.90	-31.04	43.19	54.00	10.81	AV	Vertical

Note:

- Level = Reading + Cable Loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

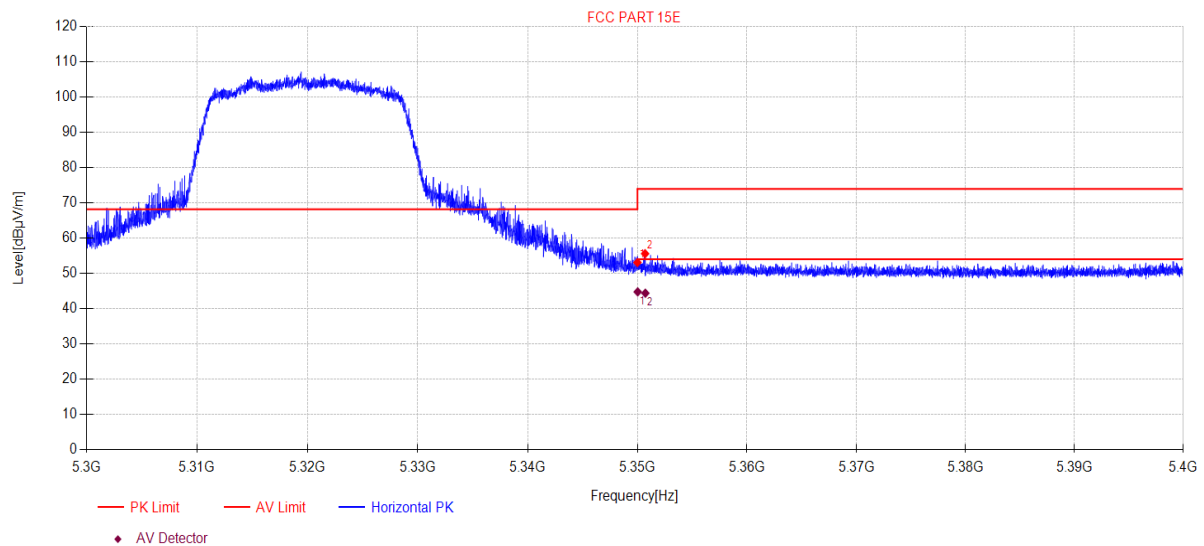
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\25

Memo: 11AC20 5320

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	46.94	4.21	32.90	-30.96	53.09	68.20	15.11	PK	Horizontal
2	5350.70	49.44	4.21	32.90	-30.96	55.59	74.00	18.41	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.02	38.61	4.21	32.90	-30.96	44.76	54.00	9.24	AV	Horizontal
2	5350.72	38.24	4.21	32.90	-30.96	44.39	54.00	9.61	AV	Horizontal

Note:

- Level = Reading + Cable Loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

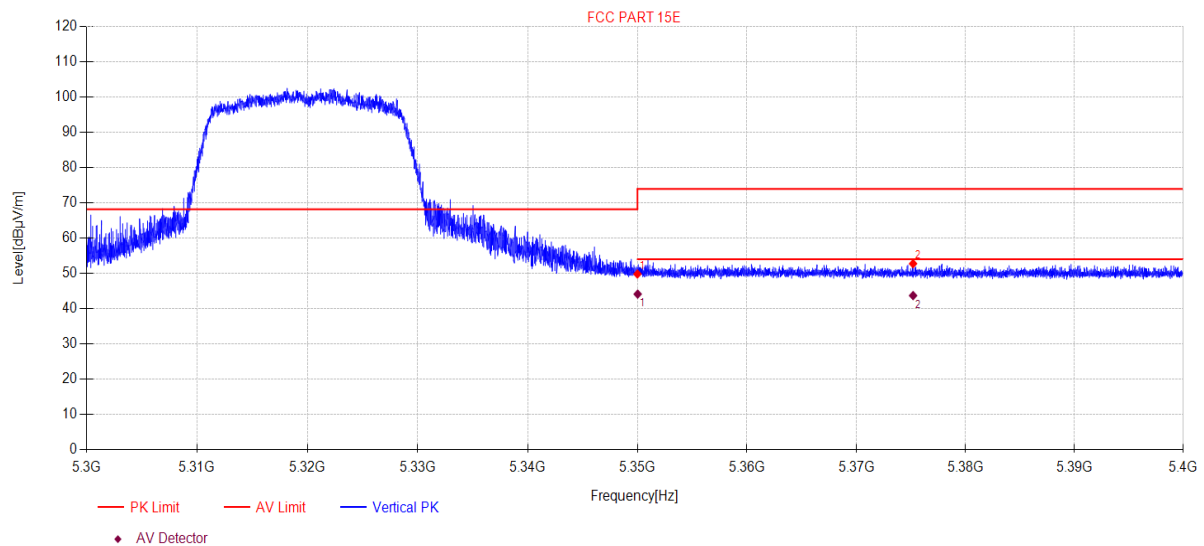
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Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDAI\26

Memo: 11AC20 5320

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	43.67	4.21	32.90	-30.96	49.82	68.20	18.38	PK	Vertical
2	5375.19	46.59	4.22	32.90	-30.95	52.76	74.00	21.24	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.02	37.98	4.21	32.90	-30.96	44.13	54.00	9.87	AV	Vertical
2	5375.19	37.54	4.22	32.90	-30.95	43.71	54.00	10.29	AV	Vertical

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

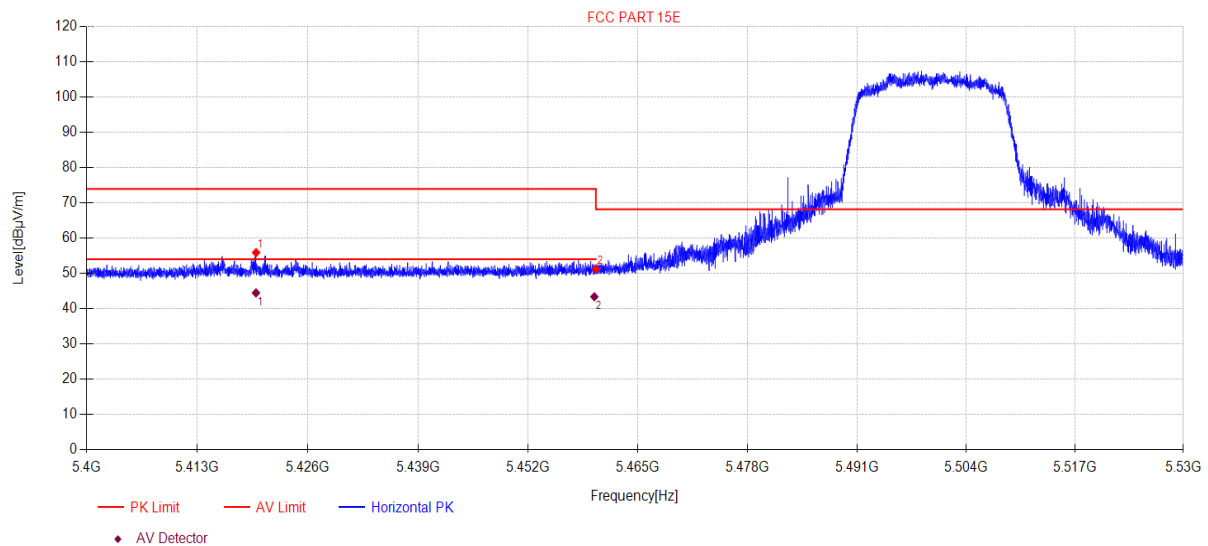
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\27

Memo: 11AC20 5500

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5419.90	49.70	4.24	32.90	-30.93	55.91	74.00	18.09	PK	Horizontal
2	5460.00	45.04	4.25	32.90	-30.92	51.27	74.00	22.73	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5419.90	38.26	4.24	32.90	-30.93	44.47	54.00	9.53	AV	Horizontal
2	5459.81	37.15	4.25	32.90	-30.92	43.38	54.00	10.62	AV	Horizontal

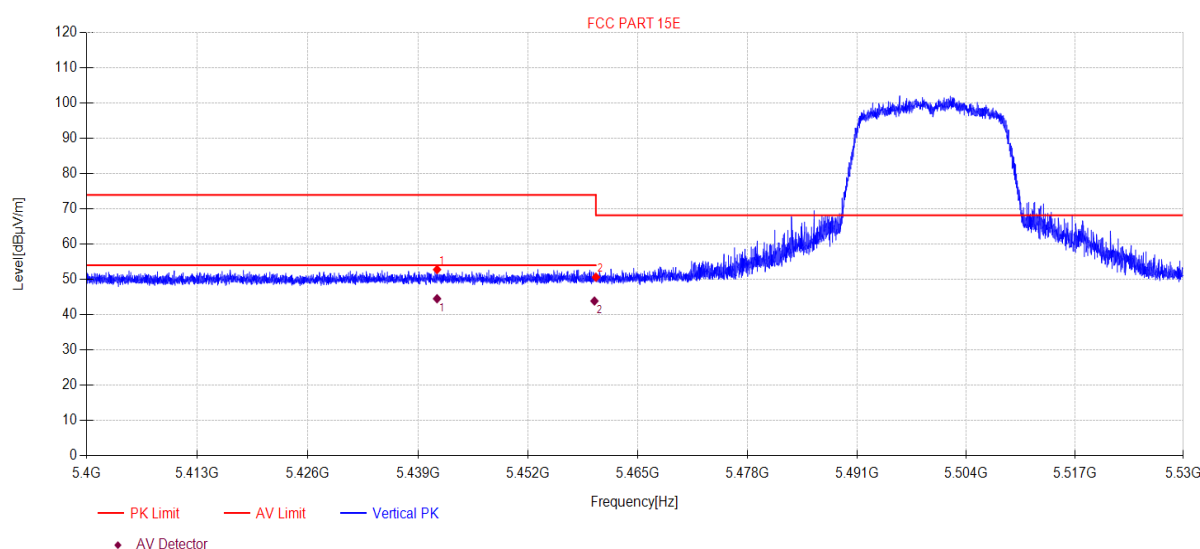
Note:

- Level = Reading + Cable Loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11 **Tested By:** Johnson Huang
EUT: Projector **Model Number:** XK03T
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDAI\28
Memo: 11AC20 5500

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5441.22	46.56	4.25	32.90	-30.92	52.79	74.00	21.21	PK	Vertical
2	5460.00	44.40	4.25	32.90	-30.92	50.63	74.00	23.37	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5441.22	38.29	4.25	32.90	-30.92	44.52	54.00	9.48	AV	Vertical
2	5459.83	37.64	4.25	32.90	-30.92	43.87	54.00	10.13	AV	Vertical

Note:

- Level = Reading + Cable Loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

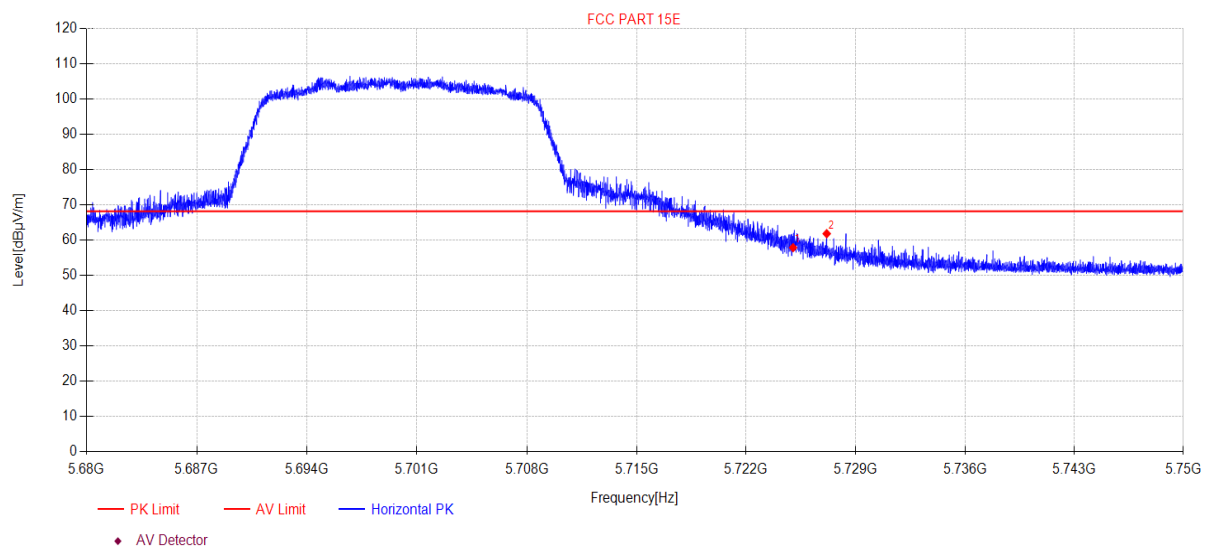
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\31

Memo: 11AC20 5700

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	50.88	4.36	33.45	-30.81	57.88	68.20	10.32	PK	Horizontal
2	5727.15	54.84	4.36	33.45	-30.81	61.84	68.20	6.36	PK	Horizontal

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

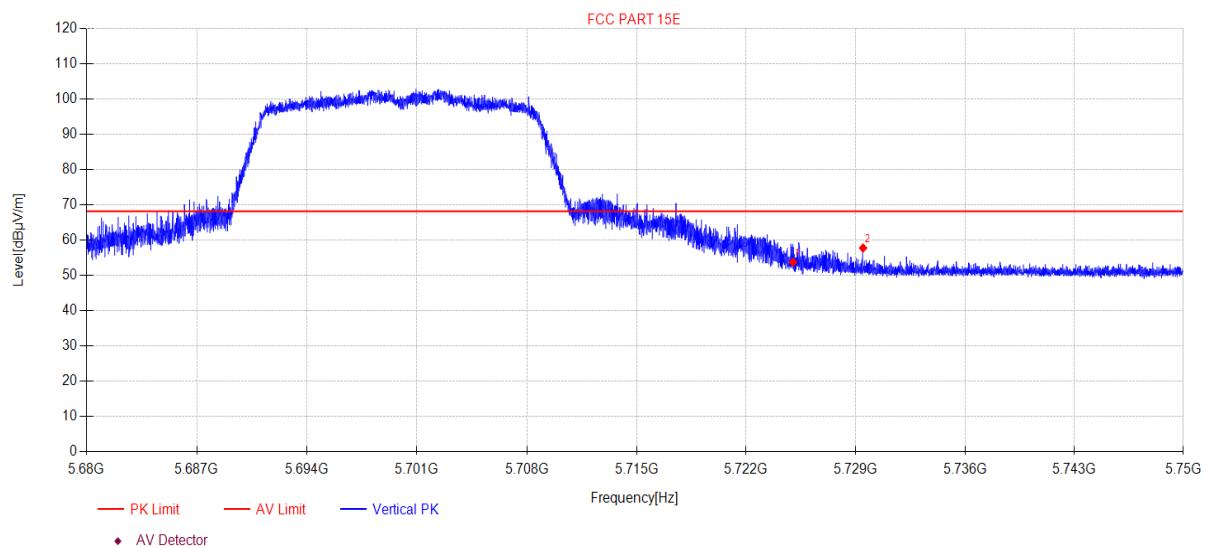
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\32

Memo: 11AC20 5700

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	46.75	4.36	33.45	-30.81	53.75	68.20	14.45	PK	Vertical
2	5729.48	50.77	4.36	33.46	-30.81	57.78	68.20	10.42	PK	Vertical

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

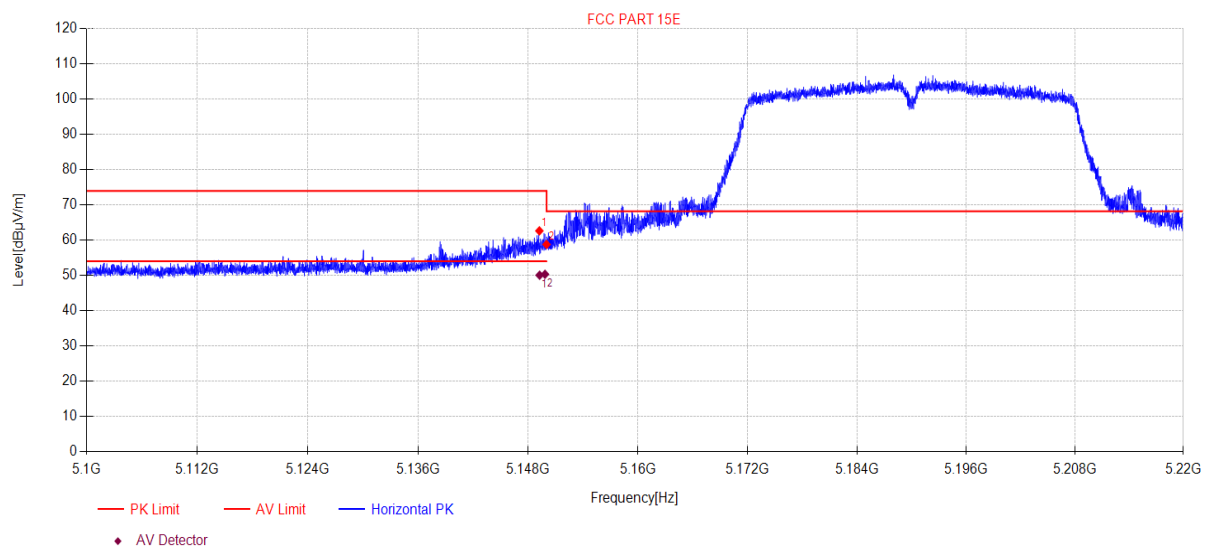
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDAI\48

Memo: 11N40 5190

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5149.21	56.64	4.14	32.90	-31.04	62.64	74.00	11.36	PK	Horizontal
2	5150.00	52.79	4.14	32.90	-31.04	58.79	74.00	15.21	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5149.24	44.05	4.14	32.90	-31.04	50.05	54.00	3.95	AV	Horizontal
2	5149.82	44.32	4.14	32.90	-31.04	50.32	54.00	3.68	AV	Horizontal

Note:

- Level = Reading + Cable Loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

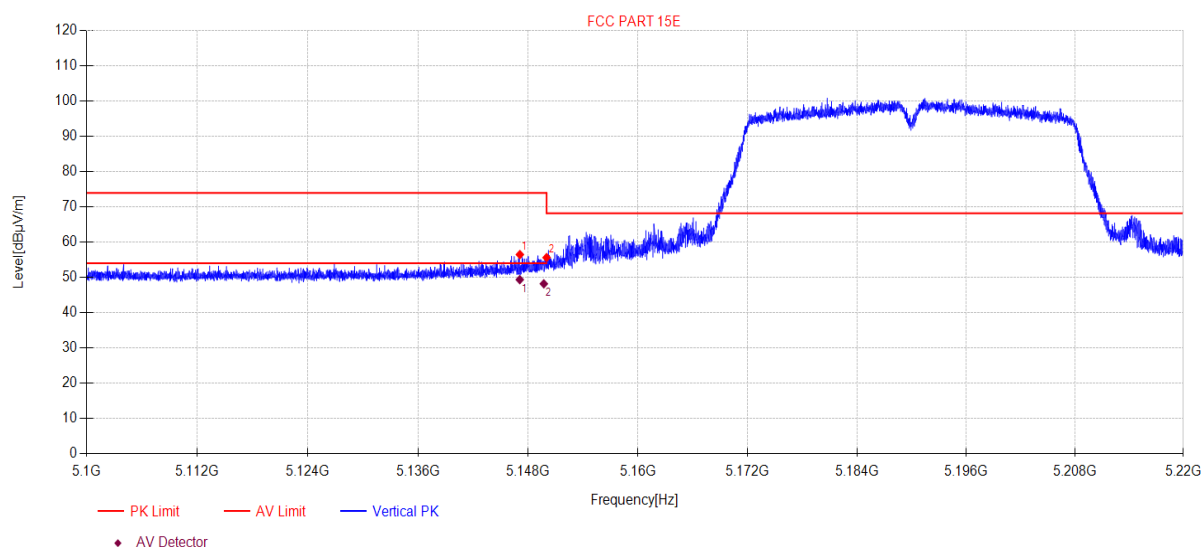
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDAI\49

Memo: 11N40 5190

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5147.09	50.48	4.14	32.90	-31.04	56.48	74.00	17.52	PK	Vertical
2	5150.00	49.63	4.14	32.90	-31.04	55.63	74.00	18.37	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5147.07	43.36	4.14	32.90	-31.04	49.36	54.00	4.64	AV	Vertical
2	5149.70	42.18	4.14	32.90	-31.04	48.18	54.00	5.82	AV	Vertical

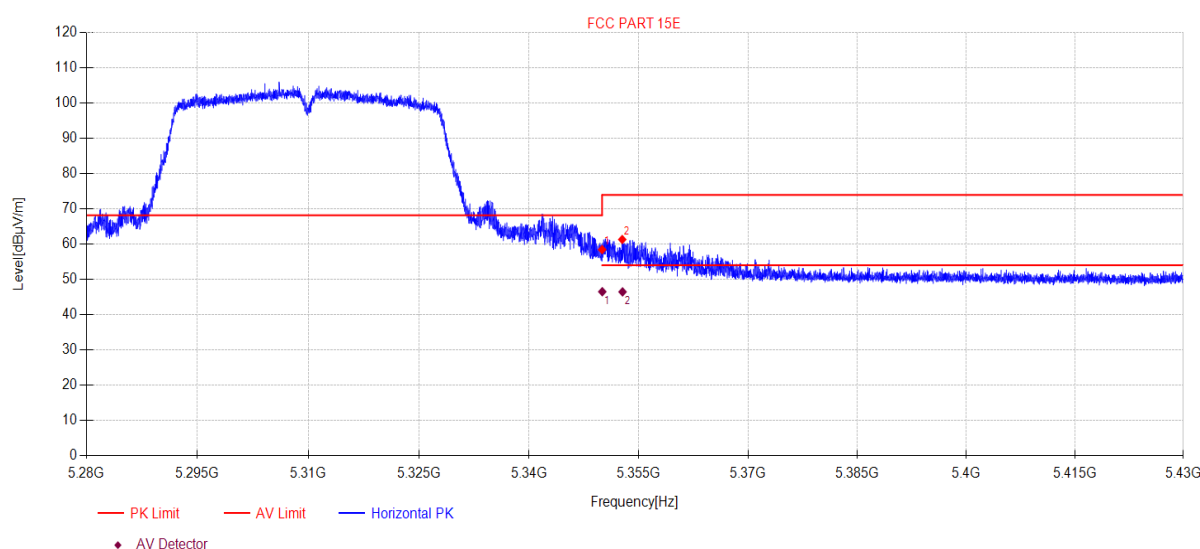
Note:

- Level = Reading + Cable Loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11 **Tested By:** Johnson Huang
EUT: Projector **Model Number:** XK03T
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\50
Memo: 11N40 5310

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	52.31	4.21	32.90	-30.96	58.46	68.20	9.74	PK	Horizontal
2	5352.75	55.17	4.21	32.90	-30.96	61.32	74.00	12.68	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.03	40.36	4.21	32.90	-30.96	46.51	54.00	7.49	AV	Horizontal
2	5352.79	40.31	4.21	32.90	-30.96	46.46	54.00	7.54	AV	Horizontal

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

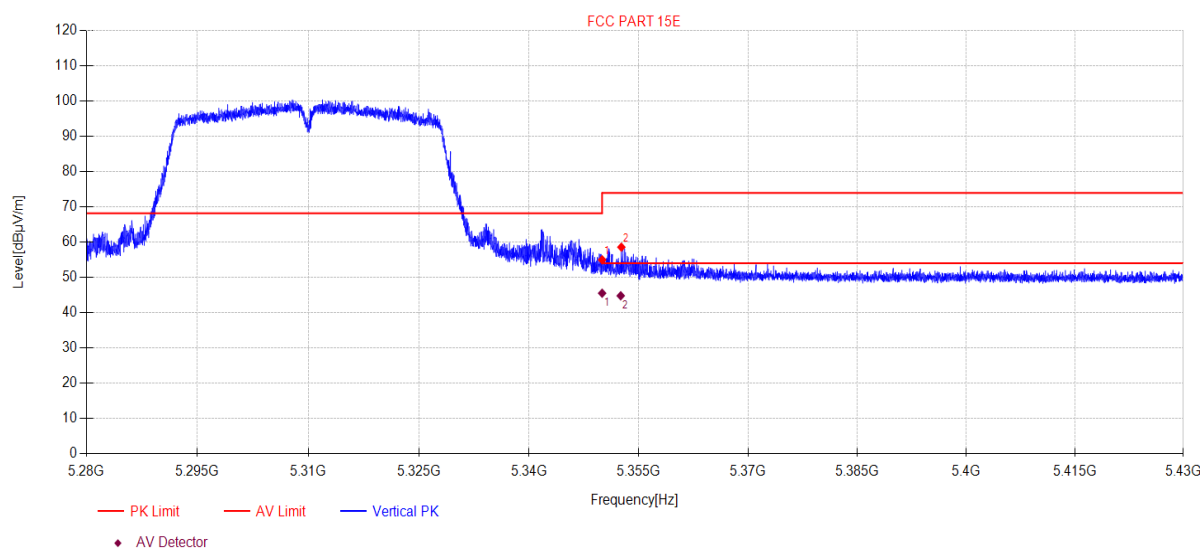
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\51

Memo: 11N40 5310

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	48.85	4.21	32.90	-30.96	55.00	68.20	13.20	PK	Vertical
2	5352.63	52.43	4.21	32.90	-30.96	58.58	74.00	15.42	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	39.36	4.21	32.90	-30.96	45.51	54.00	8.49	AV	Vertical
2	5352.54	38.64	4.21	32.90	-30.96	44.79	54.00	9.21	AV	Vertical

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

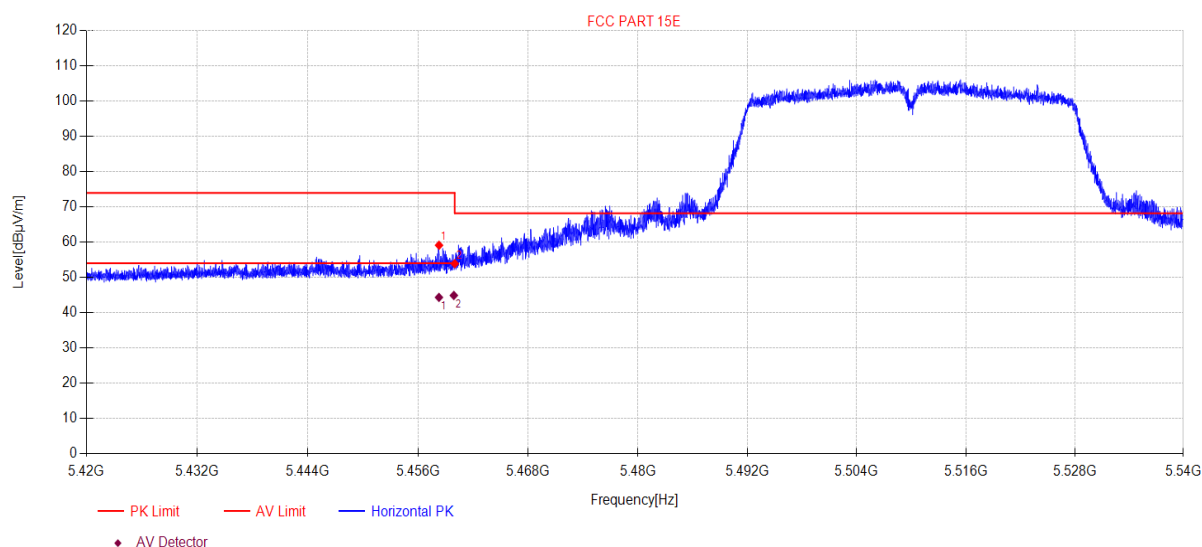
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\52

Memo: 11N40 5510

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5458.29	52.89	4.25	32.90	-30.92	59.12	74.00	14.88	PK	Horizontal
2	5460.00	47.68	4.25	32.90	-30.92	53.91	74.00	20.09	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5458.28	38.10	4.25	32.90	-30.92	44.33	54.00	9.67	AV	Horizontal
2	5459.90	38.65	4.25	32.90	-30.92	44.88	54.00	9.12	AV	Horizontal

Note:

- Level = Reading + Cable Loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

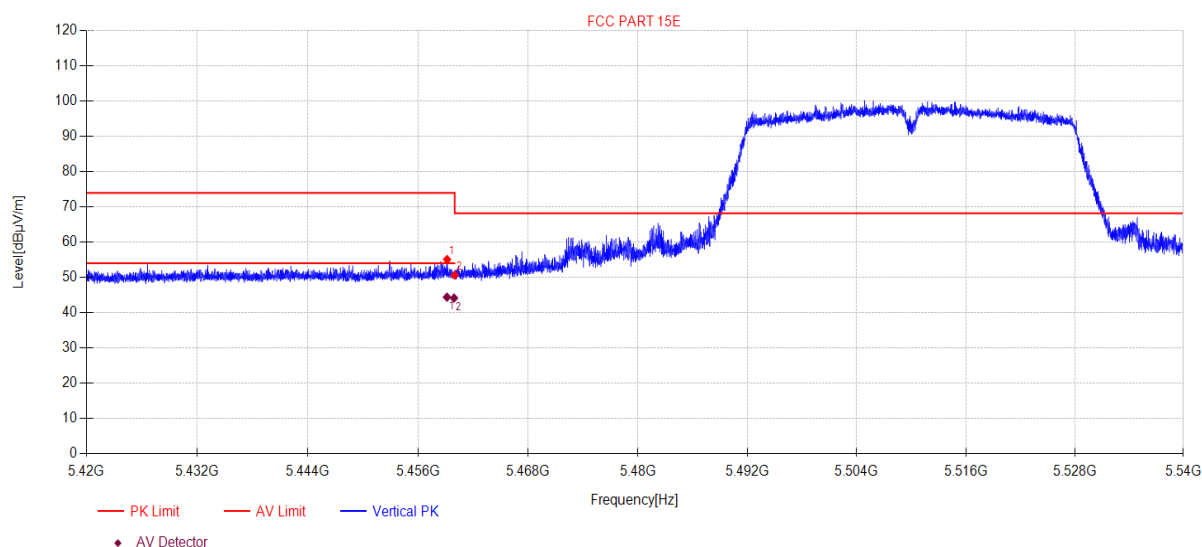
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\53

Memo: 11N40 5510

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5459.17	48.85	4.25	32.90	-30.92	55.08	74.00	18.92	PK	Vertical
2	5460.00	44.43	4.25	32.90	-30.92	50.66	74.00	23.34	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5459.15	38.17	4.25	32.90	-30.92	44.40	54.00	9.60	AV	Vertical
2	5459.92	37.92	4.25	32.90	-30.92	44.15	54.00	9.85	AV	Vertical

Note:

- Level = Reading + Cable Loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

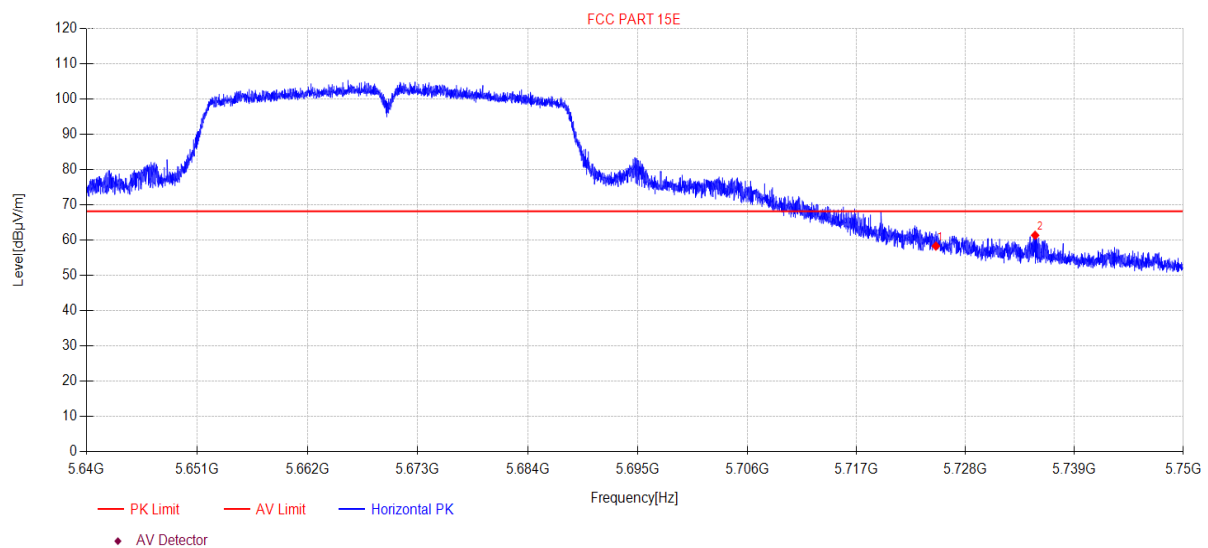
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Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\54

Memo: 11N40 5670

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	51.33	4.36	33.45	-30.81	58.33	68.20	9.87	PK	Horizontal
2	5735.02	54.36	4.36	33.47	-30.81	61.38	68.20	6.82	PK	Horizontal

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

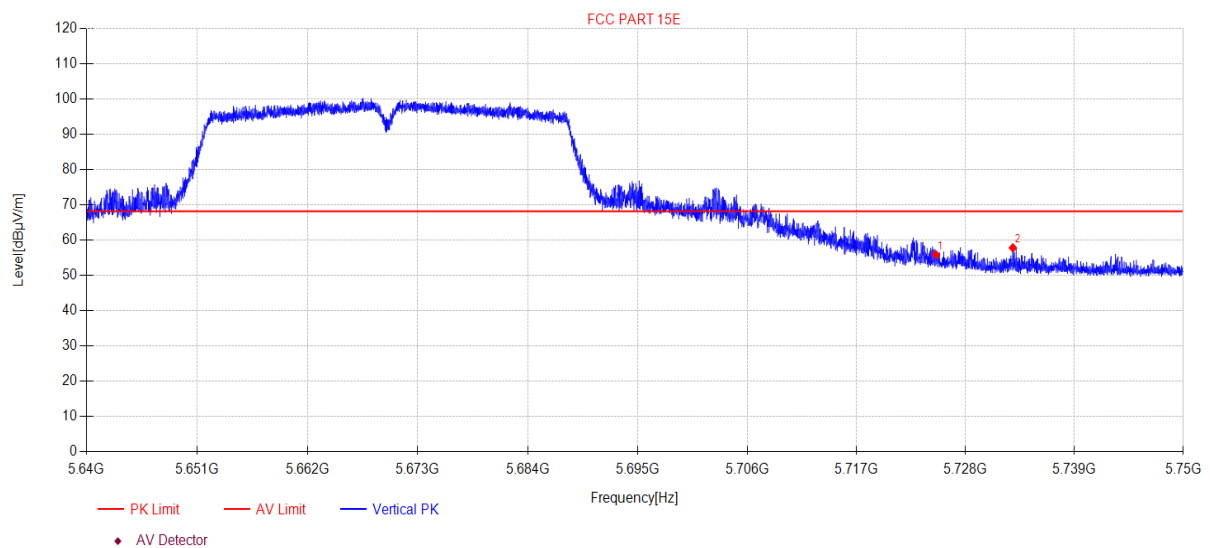
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\55

Memo: 11N40 5670

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	48.86	4.36	33.45	-30.81	55.86	68.20	12.34	PK	Vertical
2	5732.77	50.81	4.36	33.47	-30.81	57.83	68.20	10.37	PK	Vertical

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

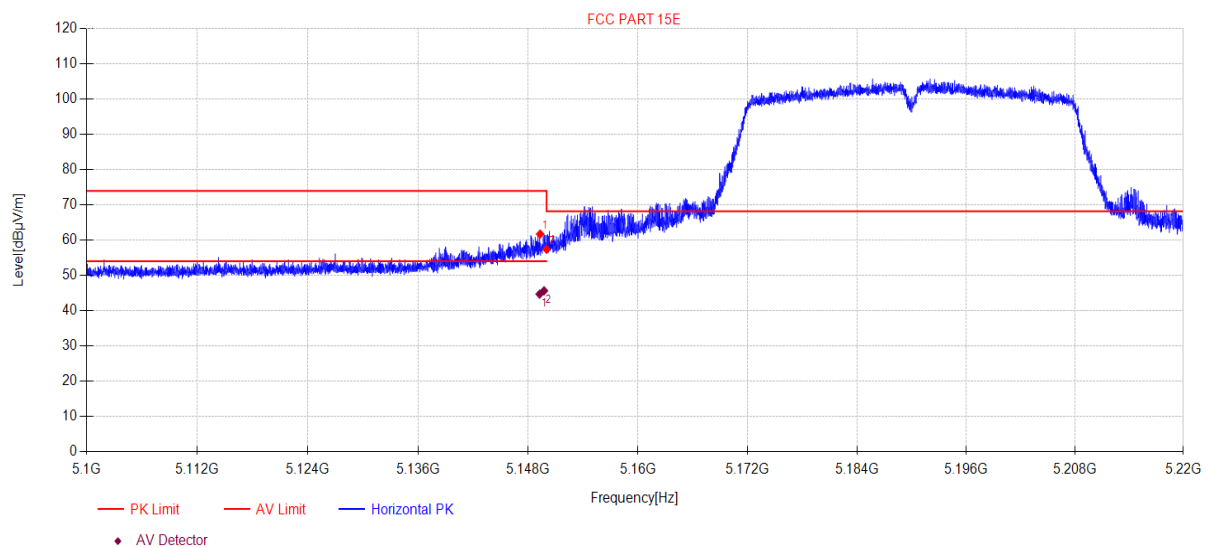
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Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\56

Memo: 11AC40 5190

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5149.30	55.73	4.14	32.90	-31.04	61.73	74.00	12.27	PK	Horizontal
2	5150.00	51.40	4.14	32.90	-31.04	57.40	74.00	16.60	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5149.25	38.69	4.14	32.90	-31.04	44.69	54.00	9.31	AV	Horizontal
2	5149.72	39.64	4.14	32.90	-31.04	45.64	54.00	8.36	AV	Horizontal

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

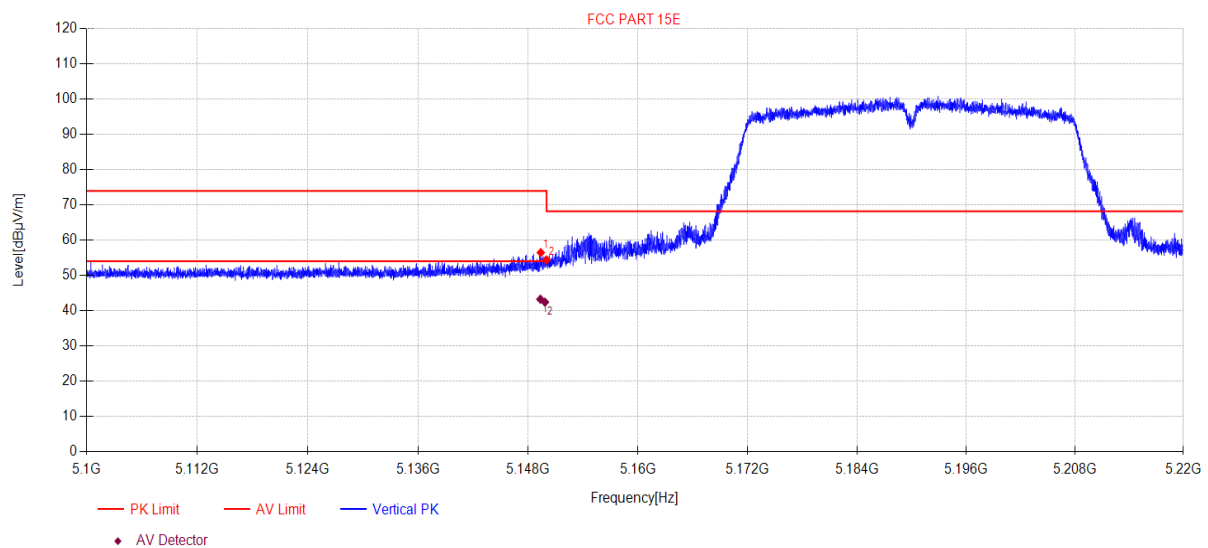
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\57

Memo: 11AC40 5190

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5149.37	50.47	4.14	32.90	-31.04	56.47	74.00	17.53	PK	Vertical
2	5150.00	48.39	4.14	32.90	-31.04	54.39	74.00	19.61	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5149.32	37.25	4.14	32.90	-31.04	43.25	54.00	10.75	AV	Vertical
2	5149.82	36.41	4.14	32.90	-31.04	42.41	54.00	11.59	AV	Vertical

Note:

- Level = Reading + Cable Loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

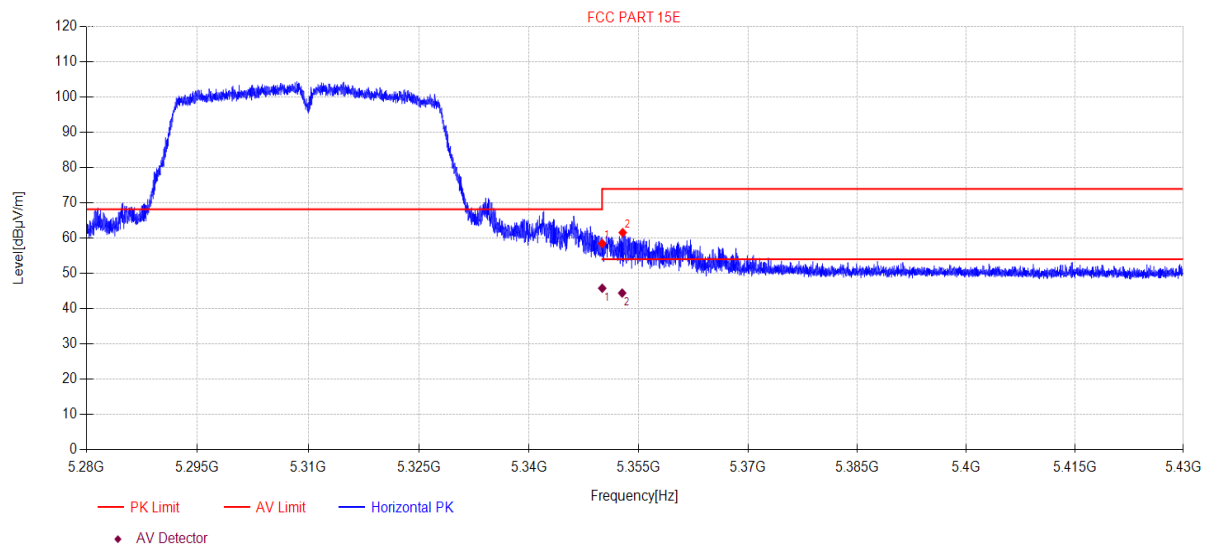
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Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\58

Memo: 11AC40 5310

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	52.34	4.21	32.90	-30.96	58.49	68.20	9.71	PK	Horizontal
2	5352.81	55.44	4.21	32.90	-30.96	61.59	74.00	12.41	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.01	39.64	4.21	32.90	-30.96	45.79	54.00	8.21	AV	Horizontal
2	5352.74	38.28	4.21	32.90	-30.96	44.43	54.00	9.57	AV	Horizontal

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

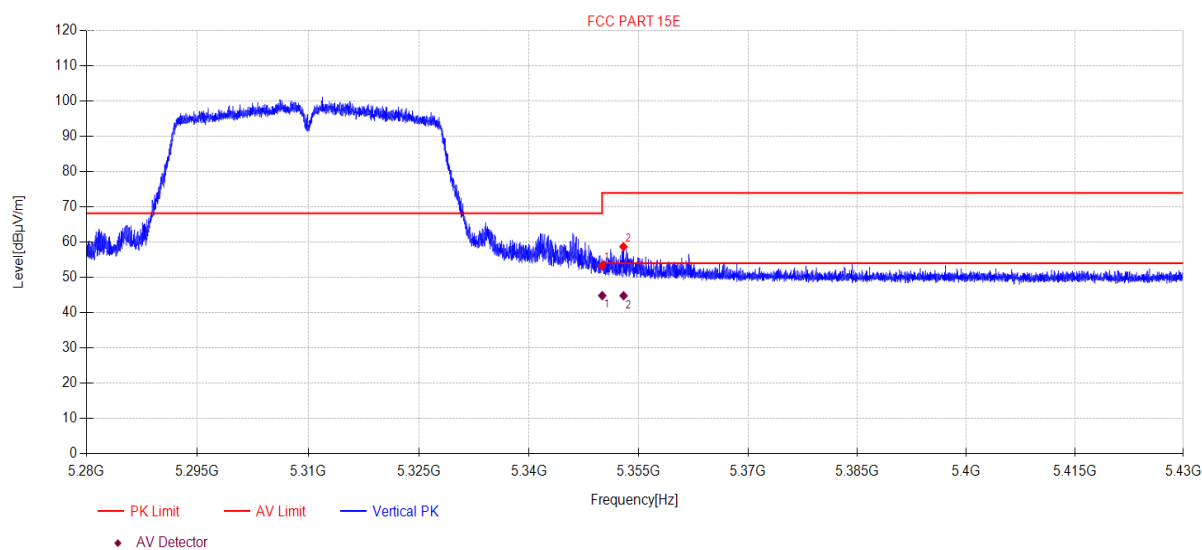
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\59

Memo: 11AC40 5310

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	47.17	4.21	32.90	-30.96	53.32	68.20	14.88	PK	Vertical
2	5352.92	52.55	4.21	32.90	-30.96	58.70	74.00	15.30	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.01	38.67	4.21	32.90	-30.96	44.82	54.00	9.18	AV	Vertical
2	5352.94	38.65	4.21	32.90	-30.96	44.80	54.00	9.20	AV	Vertical

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

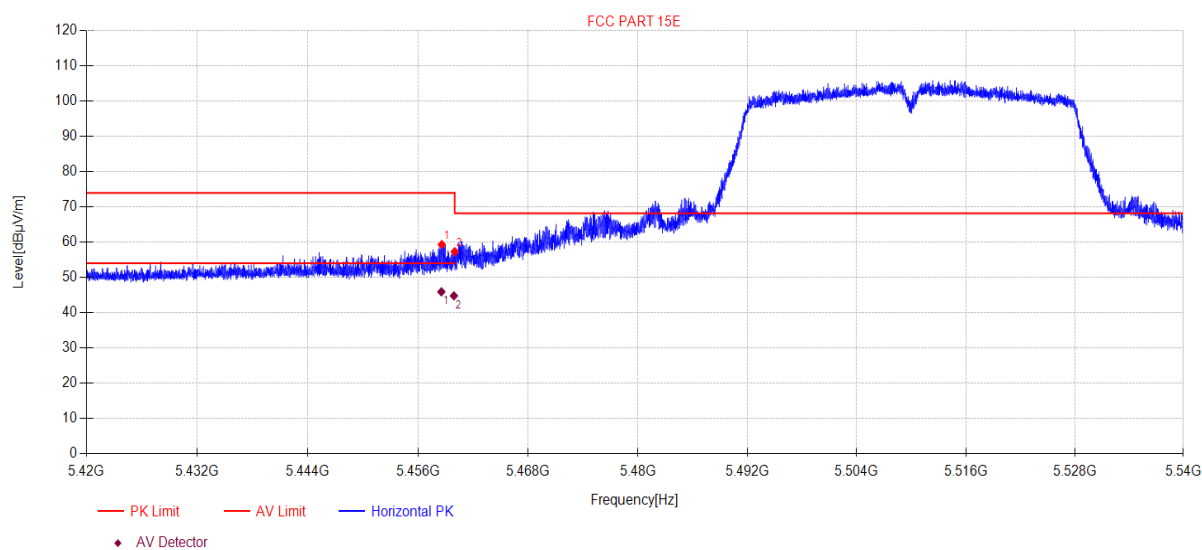
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDAI\60

Memo: 11AC40 5510

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5458.59	53.10	4.25	32.90	-30.92	59.33	74.00	14.67	PK	Horizontal
2	5460.00	51.06	4.25	32.90	-30.92	57.29	74.00	16.71	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5458.54	39.68	4.25	32.90	-30.92	45.91	54.00	8.09	AV	Horizontal
2	5459.91	38.54	4.25	32.90	-30.92	44.77	54.00	9.23	AV	Horizontal

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

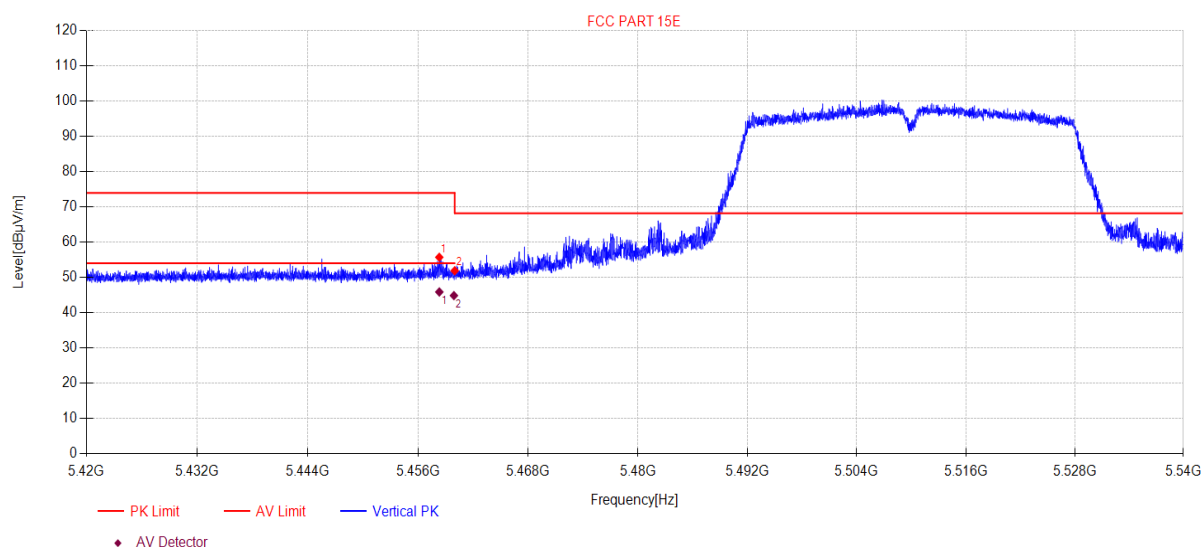
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\61

Memo: 11AC40 5510

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5458.32	49.48	4.25	32.90	-30.92	55.71	74.00	18.29	PK	Vertical
2	5460.00	45.66	4.25	32.90	-30.92	51.89	74.00	22.11	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5458.33	39.64	4.25	32.90	-30.92	45.87	54.00	8.13	AV	Vertical
2	5459.91	38.61	4.25	32.90	-30.92	44.84	54.00	9.16	AV	Vertical

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

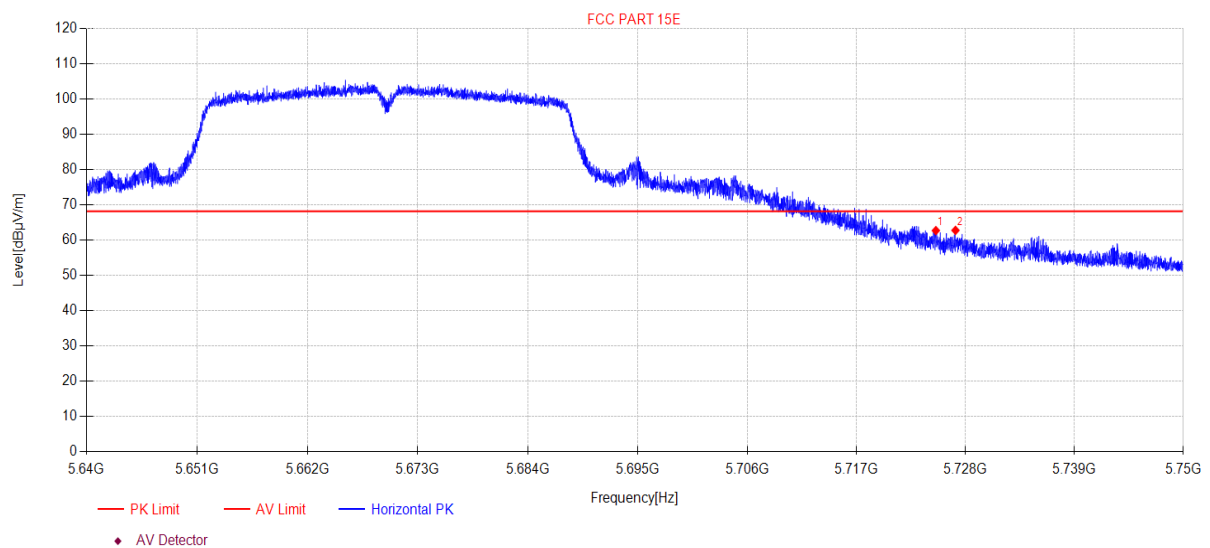
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\62

Memo: 11AC40 5670

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	55.73	4.36	33.45	-30.81	62.73	68.20	5.47	PK	Horizontal
2	5726.98	55.79	4.36	33.45	-30.81	62.79	68.20	5.41	PK	Horizontal

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-11

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

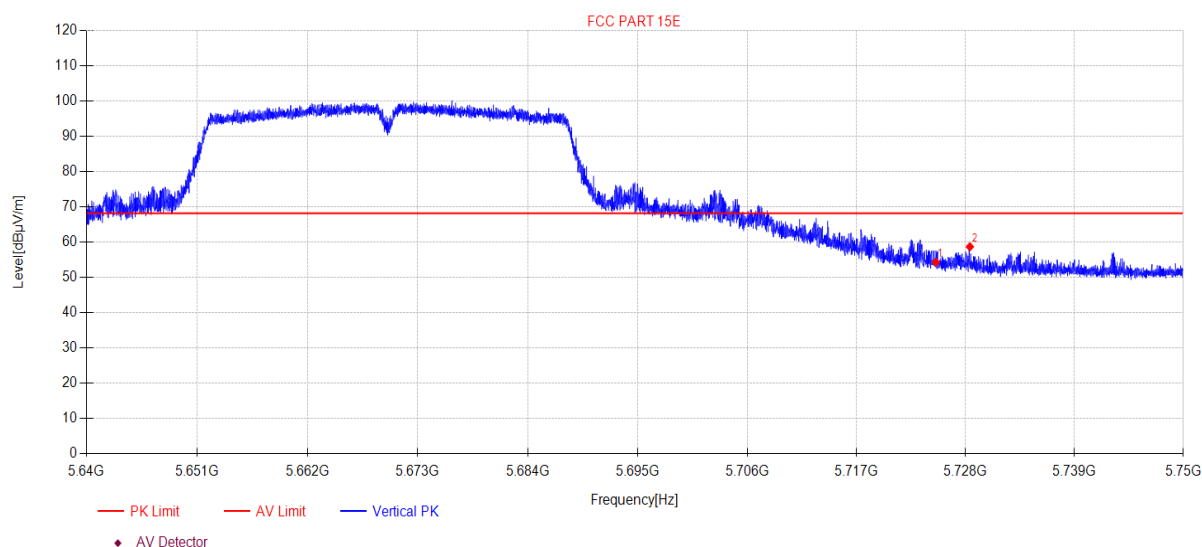
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\63

Memo: 11AC40 5670

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	47.30	4.36	33.45	-30.81	54.30	68.20	13.90	PK	Vertical
2	5728.43	51.69	4.36	33.46	-30.81	58.70	68.20	9.50	PK	Vertical

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-12

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

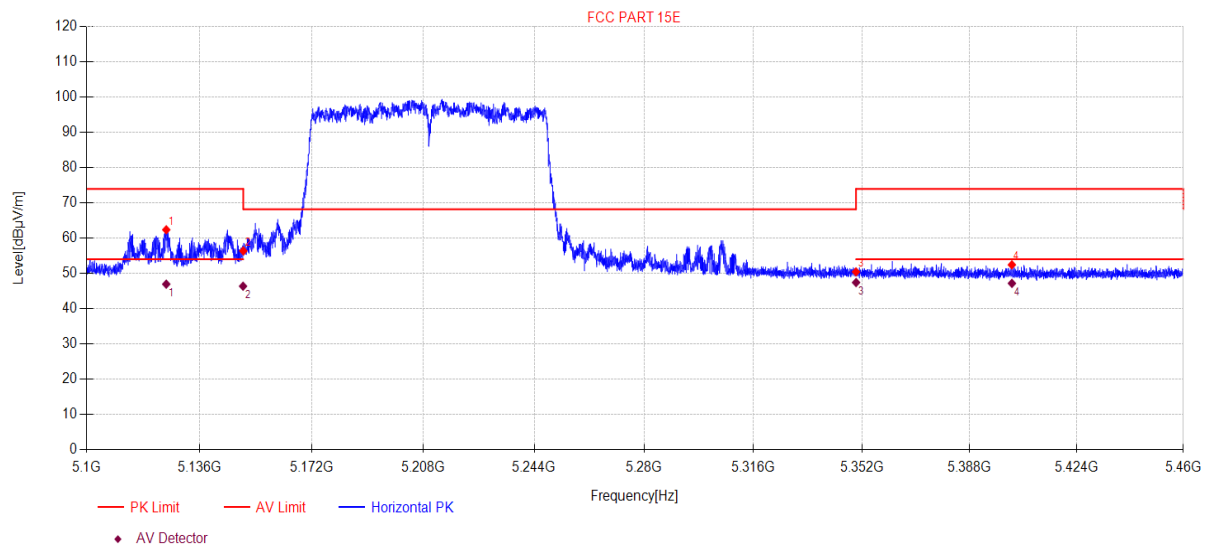
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\72

Memo: 11AC80 5210

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5125.38	56.41	4.13	32.90	-31.05	62.39	74.00	11.61	PK	Horizontal
2	5150.00	50.38	4.14	32.90	-31.04	56.38	74.00	17.62	PK	Horizontal
3	5350.00	44.29	4.21	32.90	-30.96	50.44	68.20	17.76	PK	Horizontal
4	5402.11	46.25	4.23	32.90	-30.94	52.44	74.00	21.56	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5125.38	40.97	4.13	32.90	-31.05	46.95	54.00	7.05	AV	Horizontal
2	5149.91	40.36	4.14	32.90	-31.04	46.36	54.00	7.64	AV	Horizontal
3	5350.03	41.26	4.21	32.90	-30.96	47.41	54.00	6.59	AV	Horizontal
4	5402.12	40.98	4.23	32.90	-30.94	47.17	54.00	6.83	AV	Horizontal

Note:

- Level = Reading + Cable Loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-12

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

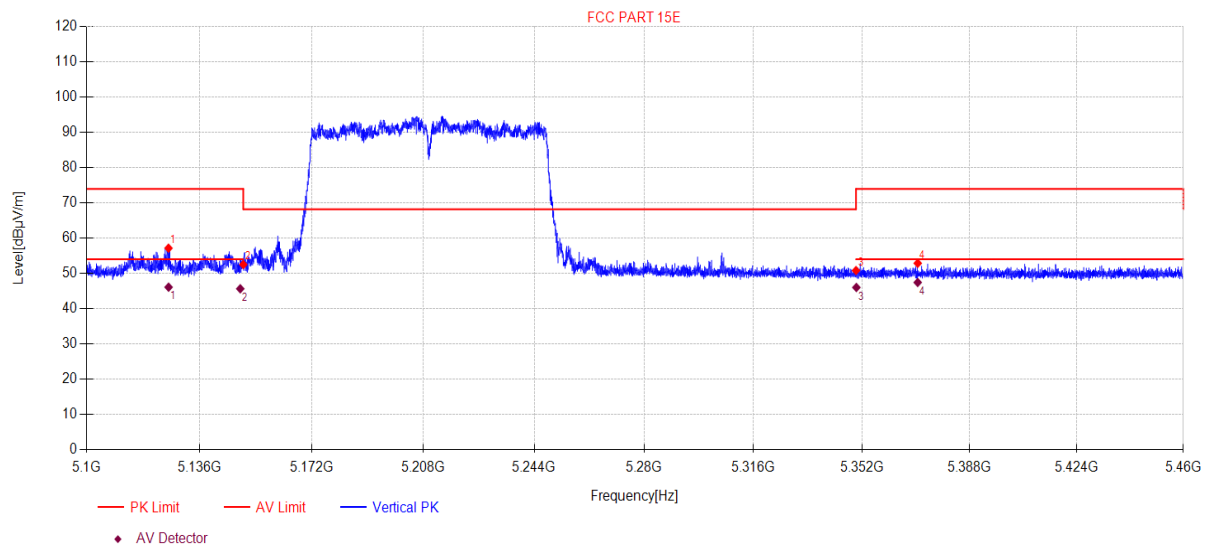
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDAI\73

Memo: 11AC80 5210

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5126.10	51.18	4.13	32.90	-31.05	57.16	74.00	16.84	PK	Vertical
2	5150.00	46.50	4.14	32.90	-31.04	52.50	74.00	21.50	PK	Vertical
3	5350.00	44.67	4.21	32.90	-30.96	50.82	68.20	17.38	PK	Vertical
4	5370.58	46.70	4.22	32.90	-30.95	52.87	74.00	21.13	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5126.12	40.12	4.13	32.90	-31.05	46.10	54.00	7.90	AV	Vertical
2	5149.03	39.64	4.14	32.90	-31.04	45.64	54.00	8.36	AV	Vertical
3	5350.12	39.86	4.21	32.90	-30.96	46.01	54.00	7.99	AV	Vertical
4	5370.56	41.26	4.22	32.90	-30.95	47.43	54.00	6.57	AV	Vertical

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-12

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

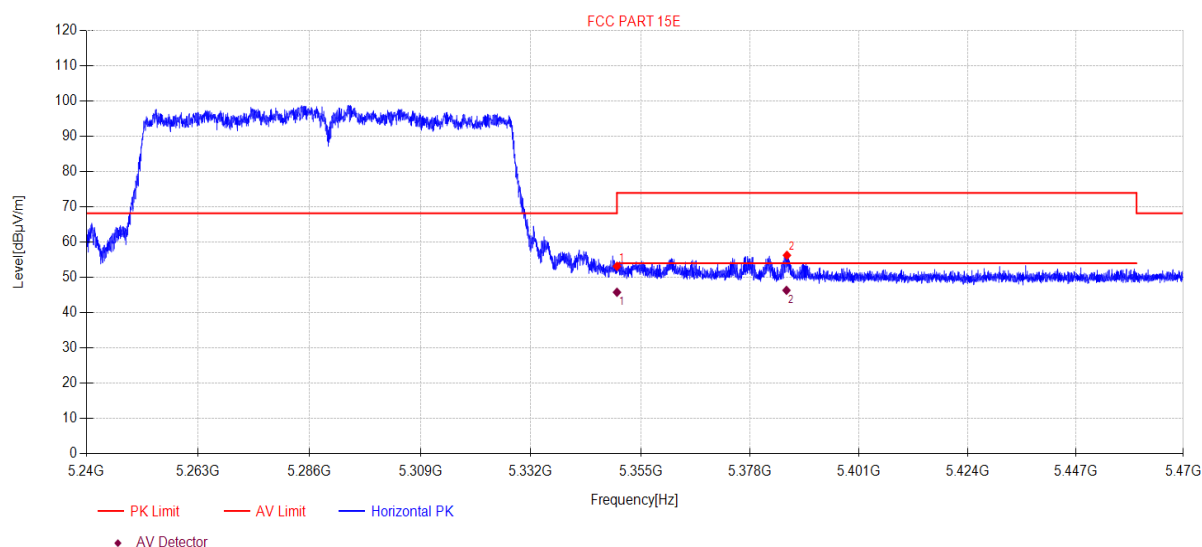
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDAI\74

Memo: 11AC80 5290

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	47.00	4.21	32.90	-30.96	53.15	68.20	15.05	PK	Horizontal
2	5385.75	50.09	4.23	32.90	-30.95	56.27	74.00	17.73	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.01	39.64	4.21	32.90	-30.96	45.79	54.00	8.21	AV	Horizontal
2	5385.65	40.15	4.23	32.90	-30.95	46.33	54.00	7.67	AV	Horizontal

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-12

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

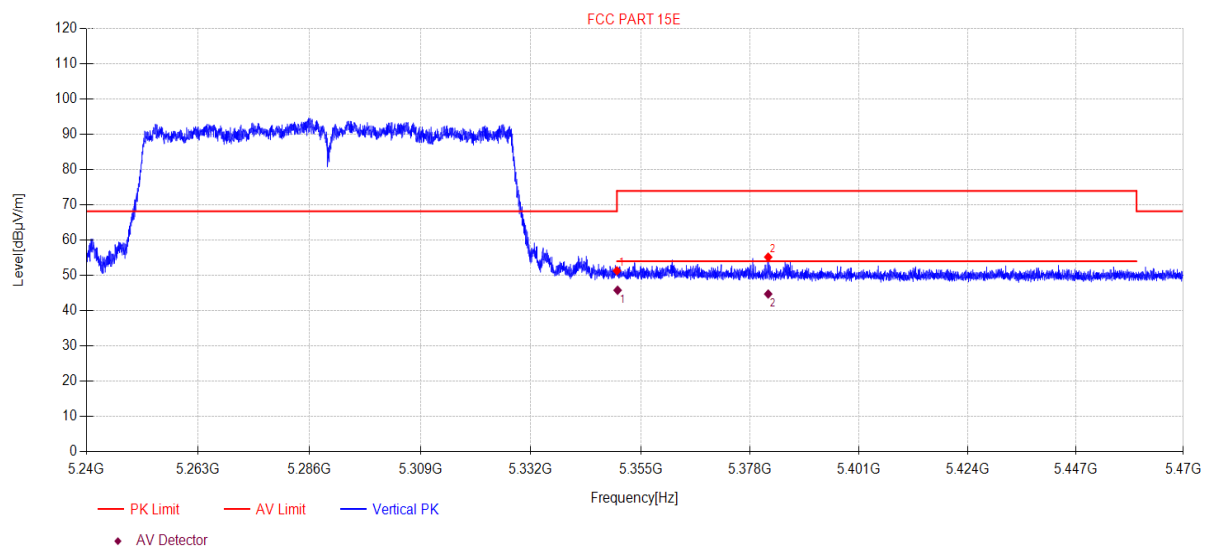
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\75

Memo: 11AC80 5290

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.00	45.16	4.21	32.90	-30.96	51.31	68.20	16.89	PK	Vertical
2	5381.80	49.01	4.23	32.90	-30.95	55.19	74.00	18.81	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5350.14	39.64	4.21	32.90	-30.96	45.79	54.00	8.21	AV	Vertical
2	5381.80	38.54	4.23	32.90	-30.95	44.72	54.00	9.28	AV	Vertical

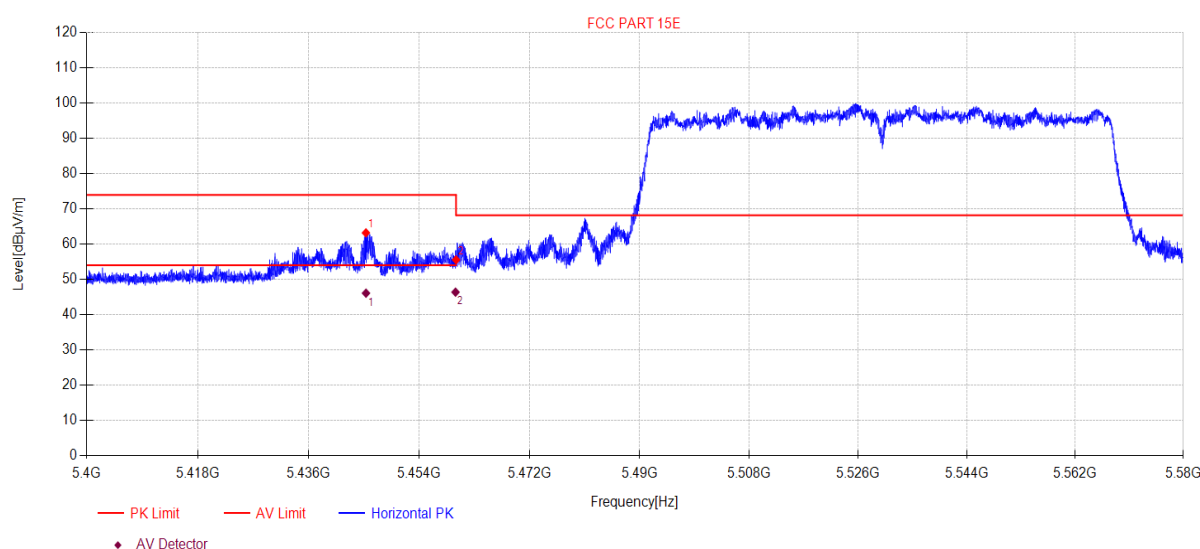
Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-12 **Tested By:** Johnson Huang
EUT: Projector **Model Number:** XK03T
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa **Test Site:** DDT 3# Chamber
File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\76
Memo: 11AC80 5530

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5445.31	56.98	4.25	32.90	-30.92	63.21	74.00	10.79	PK	Horizontal
2	5460.00	49.33	4.25	32.90	-30.92	55.56	74.00	18.44	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5445.32	39.86	4.25	32.90	-30.92	46.09	54.00	7.91	AV	Horizontal
2	5459.91	40.15	4.25	32.90	-30.92	46.38	54.00	7.62	AV	Horizontal

Note:

- Level = Reading + Cable Loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-12

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

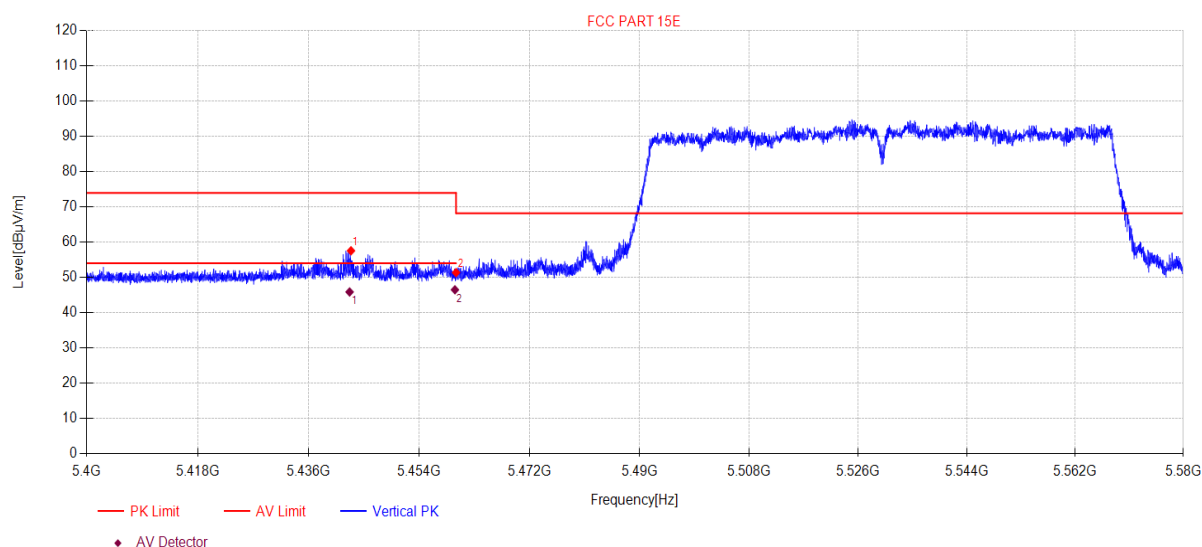
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\77

Memo: 11AC80 5530

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5442.88	51.33	4.25	32.90	-30.92	57.56	74.00	16.44	PK	Vertical
2	5460.00	45.15	4.25	32.90	-30.92	51.38	74.00	22.62	PK	Vertical

Final Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5442.65	39.64	4.25	32.90	-30.92	45.87	54.00	8.13	AV	Vertical
2	5459.81	40.25	4.25	32.90	-30.92	46.48	54.00	7.52	AV	Vertical

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-12

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

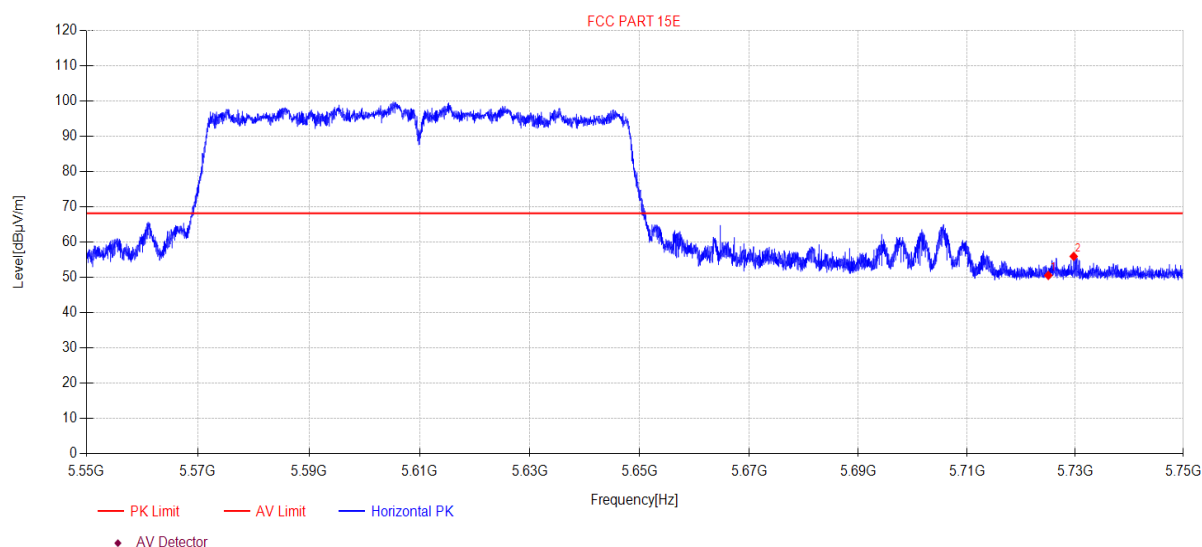
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDA\78

Memo: 11AC80 5610

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	43.56	4.36	33.45	-30.81	50.56	68.20	17.64	PK	Horizontal
2	5729.70	48.95	4.36	33.46	-30.81	55.96	68.20	12.24	PK	Horizontal

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-12

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

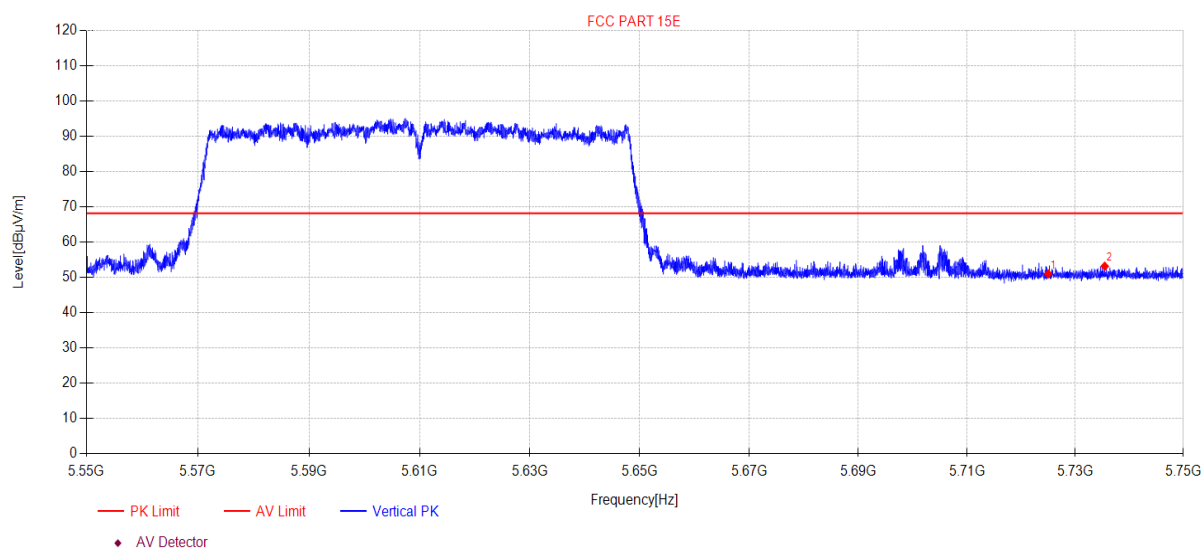
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G BIANDAI\79

Memo: 11AC80 5610

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5725.00	44.00	4.36	33.45	-30.81	51.00	68.20	17.20	PK	Vertical
2	5735.44	46.15	4.36	33.47	-30.81	53.17	68.20	15.03	PK	Vertical

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-12

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

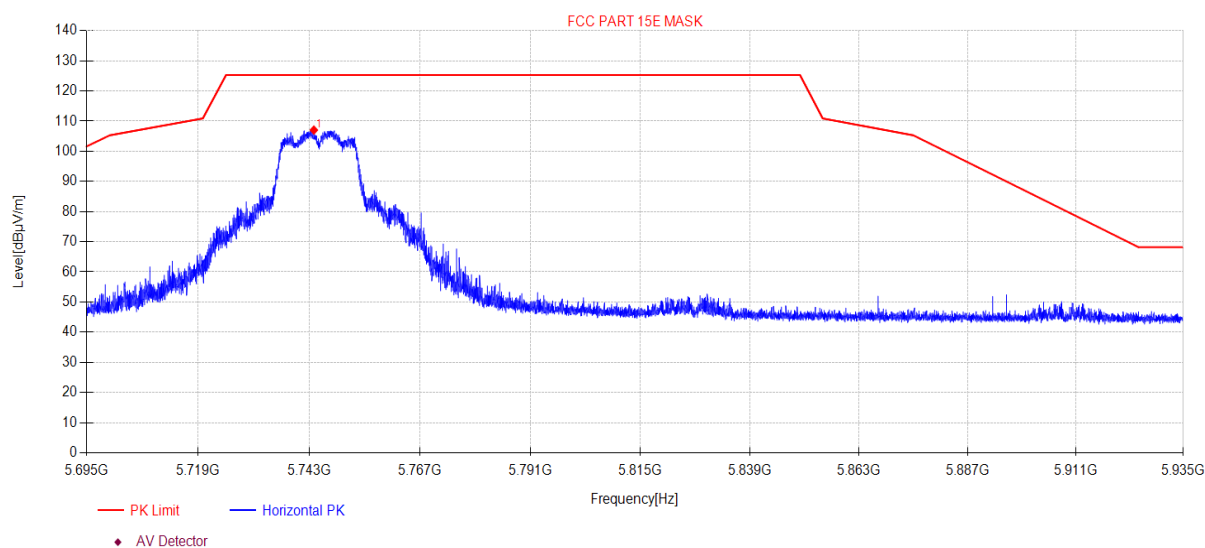
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Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G MASK\1

Memo: 11A 5745

Test Graph



Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5743.96	109.99	4.36	33.49	-40.80	107.04	125.30	18.26	PK	Horizontal

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-12

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

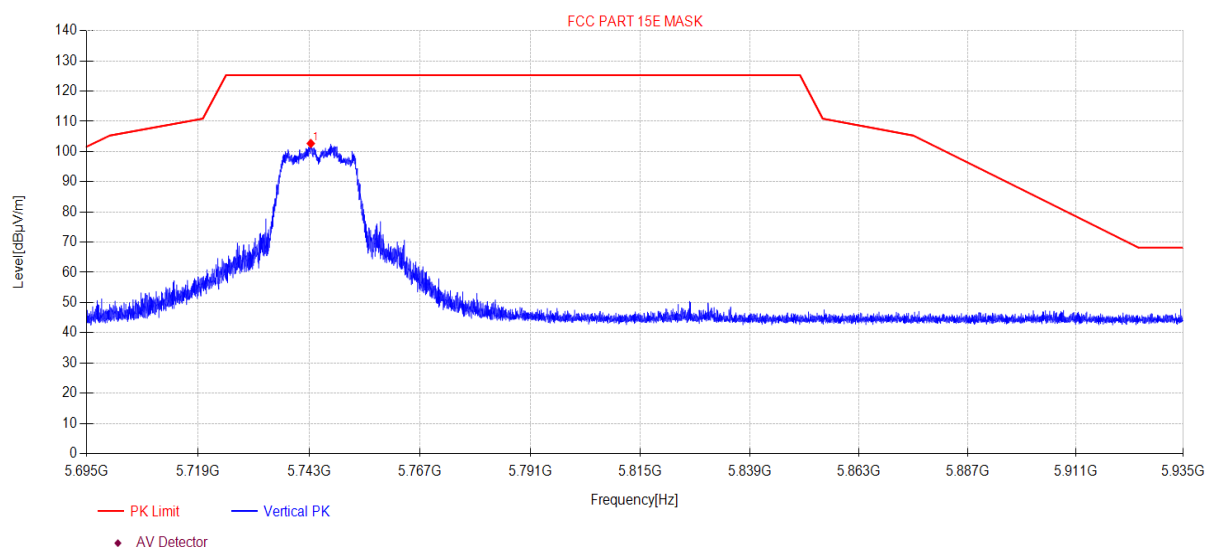
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G MASK\2

Memo: 11A 5745

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5743.29	105.62	4.36	33.49	-40.80	102.67	125.30	22.63	PK	Vertical

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-12

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

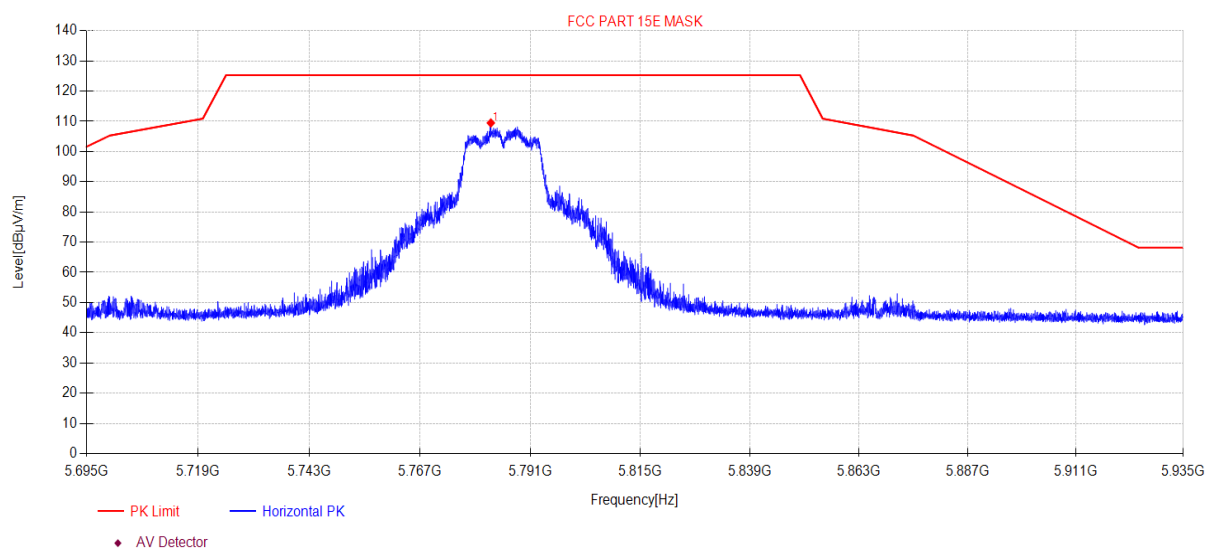
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G MASK\3

Memo: 11A 5785

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5782.34	112.25	4.38	33.63	-40.79	109.47	125.30	15.83	PK	Horizontal

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-12

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

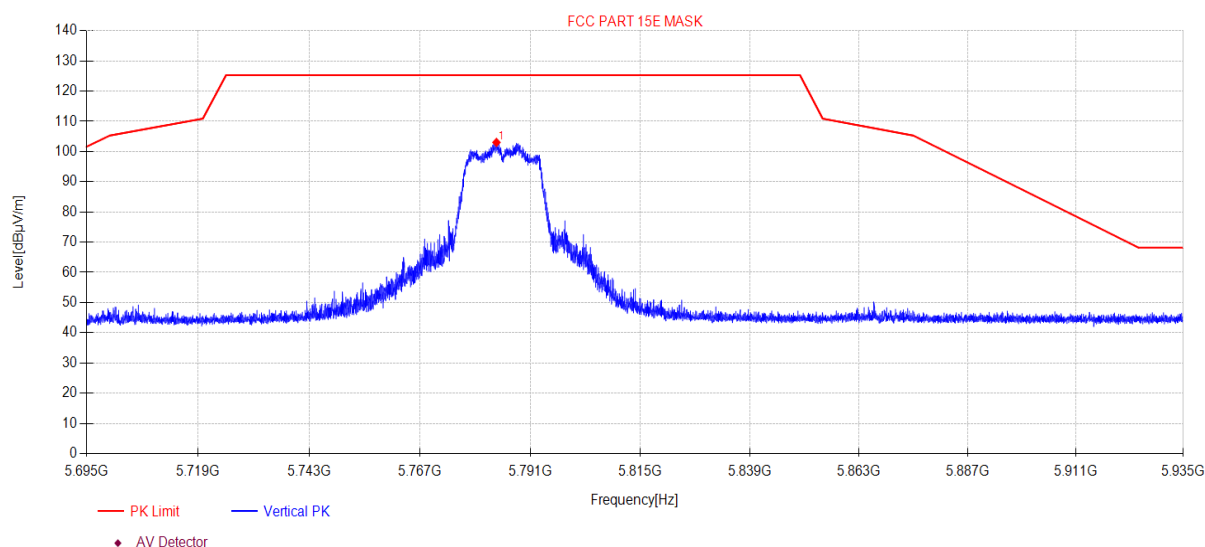
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G MASK\4

Memo: 11A 5785

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5783.56	105.82	4.38	33.63	-40.79	103.04	125.30	22.26	PK	Vertical

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-01-12

Tested By: Johnson Huang

EUT: Projector

Model Number: XK03T

Test Mode: TX Mode

Power Supply: AC 120V/60Hz

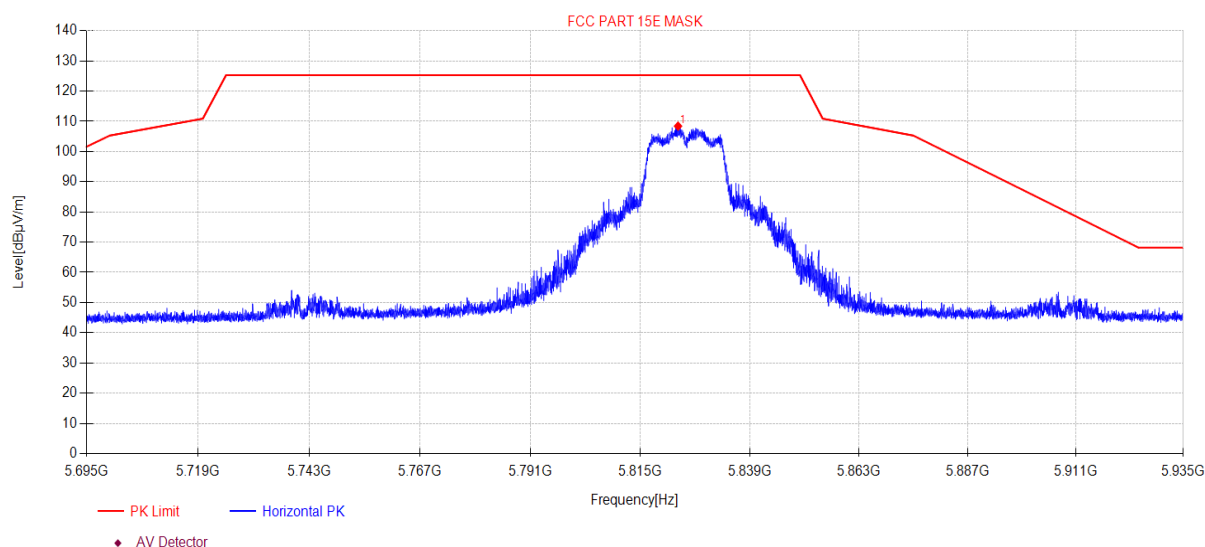
Condition: Temp:22.6°C;Humi:45.8%;Press:100.2kPa

Test Site: DDT 3# Chamber

File Path: d:\ts\2022 report data\Q22122619-2E XK03T\FCC ABOVE 1G MASK\5

Memo: 11A 5825

Test Graph



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5823.21	111.05	4.39	33.75	-40.77	108.42	125.30	16.88	PK	Horizontal

Note:

1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.