(2) FCC 15.209 Limit.

Frequency MHz	Distance Meters	Field Strengths Limit	
		μV/m	dB(μV)/m
0.009 ~ 0.490	300	2400/F(kHz)	67.6-20log(F)
0.490 ~ 1.705	30	24000/F(kHz)	87.6-20log(F)
1.705 ~ 30.0	30	30	29.54
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216~960	3	200	46.0
960~1000	3	500	54.0
Above 1000	3	74.0 dB(μV)/m (Peak) 54.0 dB(μV)/m (Average)	

Note: (1) At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

(2) At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). This paragraph (f) shall not apply to Access BPL devices operating below 30 MHz.

About Restricted bands of operation please refer to RSS-Gen section 8.10 and FCC § 15.205(a).

13.3. Test Procedure

Below 30 MHz：

The setting of the spectrum Analyzer

RBW	300 Hz (From 9 kHz to 0.15 MHz)/ 10 kHz (From 0.15 MHz to 30 MHz)
VBW	1 kHz (From 9 kHz to 0.15 MHz)/ 30 kHz (From 0.15 MHz to 30 MHz)
Sweep	Auto
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2020/Cor1-2023

2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.

3. The EUT was placed on a turntable with 80 cm meter above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of 1 meter height antenna tower.

5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

6. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT

measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

7. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 30m open field site. Therefore, sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field site based on KDB 414788.

Below 1 GHz and above 30 MHz：

The setting of the spectrum Analyzer

RBW	100 kHz
VBW	300 kHz
Sweep	Auto
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2020/Cor1-2023.

2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

3. The EUT was placed on a turntable with 80 cm above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

5. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

Above 1 GHz：

RBW	1 MHz
VBW	PEAK: 3 MHz AVG: see note 6
Sweep	Auto
Detector	Peak
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2020/Cor1-2023.

2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

3. The EUT was placed on a turntable with 1.5m above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

5. For measurement above 1GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.

6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for AVG measurements. For the Duty Cycle please refer to clause 8.1.ON TIME AND DUTY CYCLE.

7. Restriction band: Investigated frequency range from 2310 MHz to 2430 MHz and 2445 MHz to 2500 MHz, 2310 MHz to 2450 MHz and 2425 MHz to 2500MHz.

All restriction band should comply with 15.209, other emission should be at least 20 dB below the fundamental.

Note 1: For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data recorded in the report.

Note 2: The EUT does not support simultaneous transmission.

Note 3: The EUT was fully exercised with external accessories during the test. In the case of multiple accessory external ports, an external accessory shall be connected to one of each type of port.

13.4. Results

Pass. (See below detailed test result)

All the emissions except fundamental emission from 9 kHz to 25 GHz were comply with 15.209 limits.

Note1: According exploratory test, the emission levels are 20 dB below the limit detected from 9 kHz to 30 MHz, so the final test was performed with frequency range from 30 MHz to 26 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 2.4G SRD mode.

Note3: For emissions above 1 GHz. If peak results comply with AV limit, AV Result is deemed to comply with AV limit.

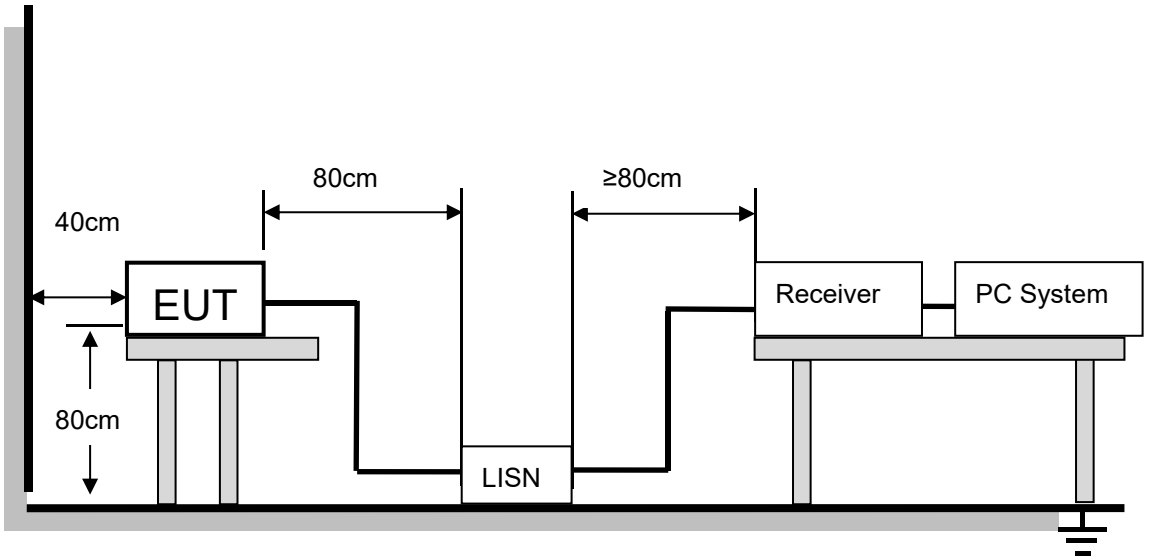
13.5. Original test data

Below 1 GHz and above 30 MHz test data Refer to appendix A

Above 1 GHz test data Refer to appendix B

14. AC Power Line Conducted Emissions

14.1. Block diagram of test setup



The EUT is put on a table of non-conducting material that is 80 cm high. The vertical conducting wall of shielding is located 40 cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through an Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2020/Cor1-2023.Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9 kHz.

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

14.2. Limits

Please refer to CFR 47 FCC § 15.207 (a) and ISED RSS-Gen Clause 8.8.

Frequency (MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

Note 1: * Decreasing linearly with logarithm of frequency.

Note 2: The lower limit shall apply at the transition frequencies.

14.3. Test procedure

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80cm above the ground plane.

Configuration EUT to simulate typical usage as described in clause 2.4 and test equipment as described in clause 10.2 of this report.

All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10.

All support equipment power received from a second LISN.

Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30 MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

The test mode(s) described in clause 2.4 were scanned during the preliminary test.

After the preliminary scan, we found the test mode producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions.

Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

The bandwidth of test receiver is set at 9 kHz.

14.4. Test result

Pass. (See below detailed test result)

Note1: All emissions not reported below are too low against the prescribed limits.

Note2: Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/50Hz, recorded worse case.

Note3: Measurement=Reading Level + Correct Factor

Over=Measurement - Limit

14.5. Original test data

AC Power Line Conducted Emission Test Data Refer to appendix C

15. Antenna Requirements

15.1. Applicable Requirements

Please refer to FCC §15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to FCC §15.247(b)(4)

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Please refer to RSS-GEN Clause 6.8

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to RSS-GEN Clause 6.8

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

15.2. Result

The antenna used for this product is PCB antenna and that no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is 2.4 dBi

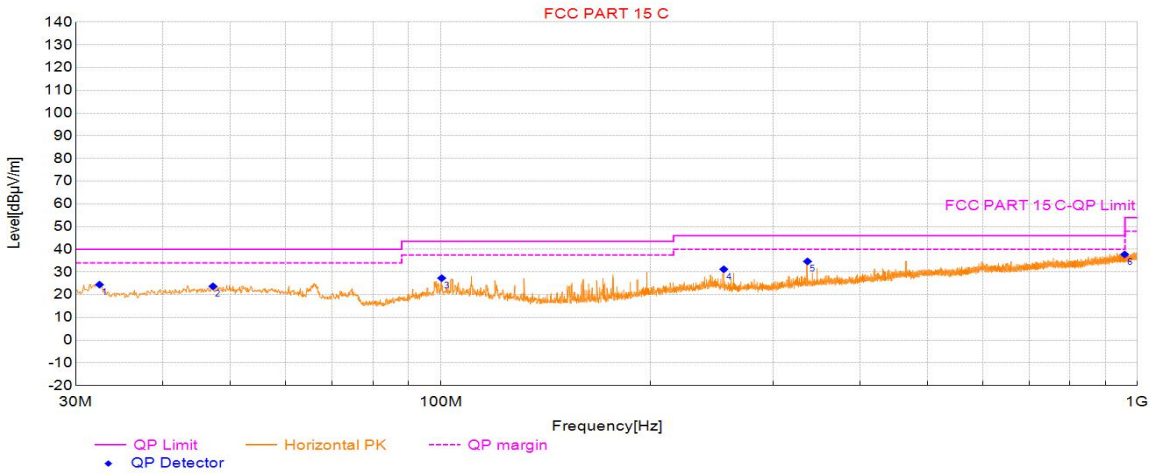
APPENDIX A – Radiated Emission Below 1GHz Test Data

Test Report

Project Information			
EUT:	Command Studio Microphone Set		
Customer:			
Model:	CTI-CMST01-MIC	SN:	
Mode:	SRD 2442	Voltage:	DC 5V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:			

Start of Test:2025-10-31 17:52:40

Test Graph



Final Data List									
NO.	Freq. (MHz)	Factor (dB)	QP Value (dBµV/m)	QP Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity	Verdict
1	32.43	17.67	24.44	40.00	15.56	100	288	Horizontal	PASS
2	47.17	21.00	23.69	40.00	16.31	100	130	Horizontal	PASS
3	100.43	19.97	27.31	43.50	16.19	100	196	Horizontal	PASS
4	255.06	21.61	31.20	46.00	14.80	100	75	Horizontal	PASS
5	336.36	23.66	34.68	46.00	11.32	100	207	Horizontal	PASS
6	959.06	34.47	37.76	46.00	8.24	100	196	Horizontal	PASS

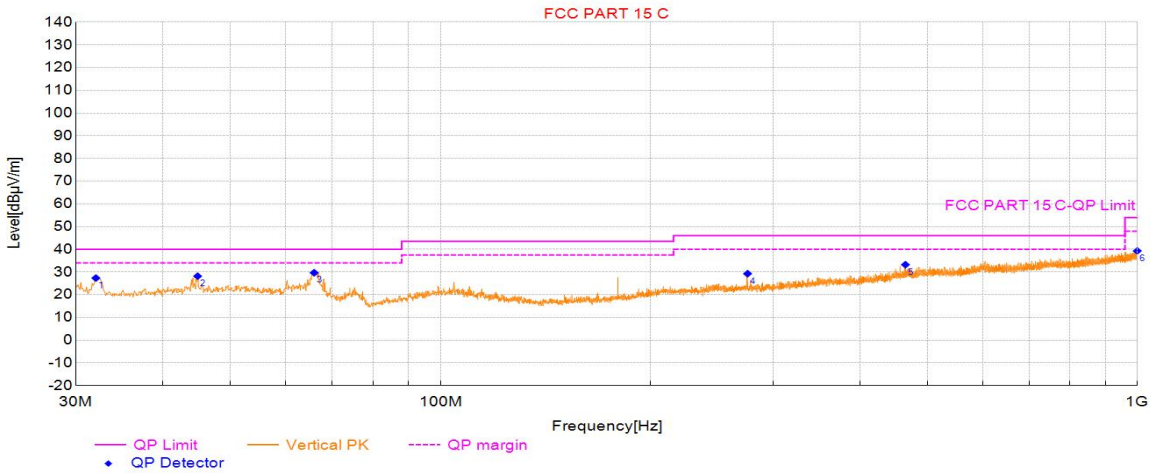
Note: Margin=QP Limit - QP Value

Test Report

Project Information			
EUT:	Command Studio Microphone Set		
Customer:			
Model:	CTI-CMST01-MIC	SN:	
Mode:	SRD 2442	Voltage:	DC 5V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:			

Start of Test:2025-10-31 17:53:18

Test Graph



Final Data List									
NO.	Freq. (MHz)	Factor (dB)	QP Value (dBµV/m)	QP Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity	Verdict
1	32.04	17.63	27.35	40.00	12.65	100	54	Vertical	PASS
2	44.84	20.73	28.18	40.00	11.82	100	92	Vertical	PASS
3	65.89	18.47	29.69	40.00	10.31	100	192	Vertical	PASS
4	275.92	21.91	29.27	46.00	16.73	100	29	Vertical	PASS
5	464.80	26.65	33.24	46.00	12.76	100	360	Vertical	PASS
6	999.71	35.13	39.29	54.00	14.71	100	29	Vertical	PASS

Note: Margin=QP Limit - QP Value

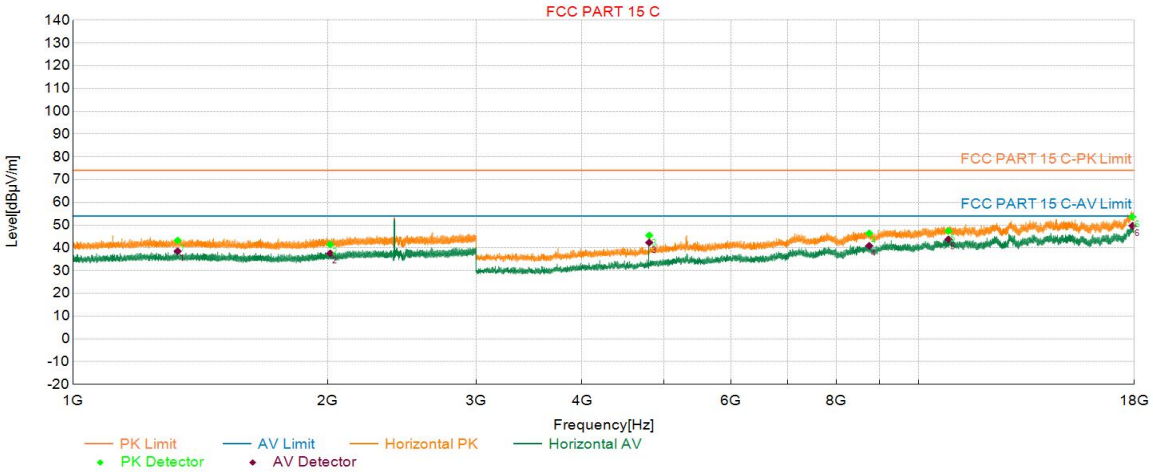
APPENDIX B – Radiated Emission Above 1GHz Test Data

Test Report

Project Information			
Customer:	Command Studio Microphone Set		
EUT:			
Model:	CTI-CMST01-MIC	SN:	
Mode:	SRD 2406	Voltage:	DC 5V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:			

Start of Test:2025-10-31 18:05:27

Test Graph



PK Final Data List								
NO.	Freq. (MHz)	Factor (dB)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1329.92	3.78	43.26	74.00	30.74	150	48	Horizontal
2	2014.95	5.94	41.48	74.00	32.52	150	0	Horizontal
3	4803.84	-8.31	45.46	74.00	28.54	150	254	Horizontal
4	8745.29	4.38	46.39	74.00	27.61	150	176	Horizontal
5	10850.64	8.07	47.46	74.00	26.54	150	130	Horizontal
6	17910.75	18.54	53.63	74.00	20.37	150	2	Horizontal

AV Final Data List								
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1329.92	3.78	38.53	54.00	15.47	150	48	Horizontal
2	2014.95	5.94	37.56	54.00	16.44	150	0	Horizontal
3	4803.84	-8.31	42.32	54.00	11.68	150	254	Horizontal
4	8745.29	4.38	40.91	54.00	13.09	150	176	Horizontal
5	10850.64	8.07	43.74	54.00	10.26	150	130	Horizontal
6	17910.75	18.54	49.71	54.00	4.29	150	2	Horizontal

Note1: PK Margin=PK Limit - PK Value

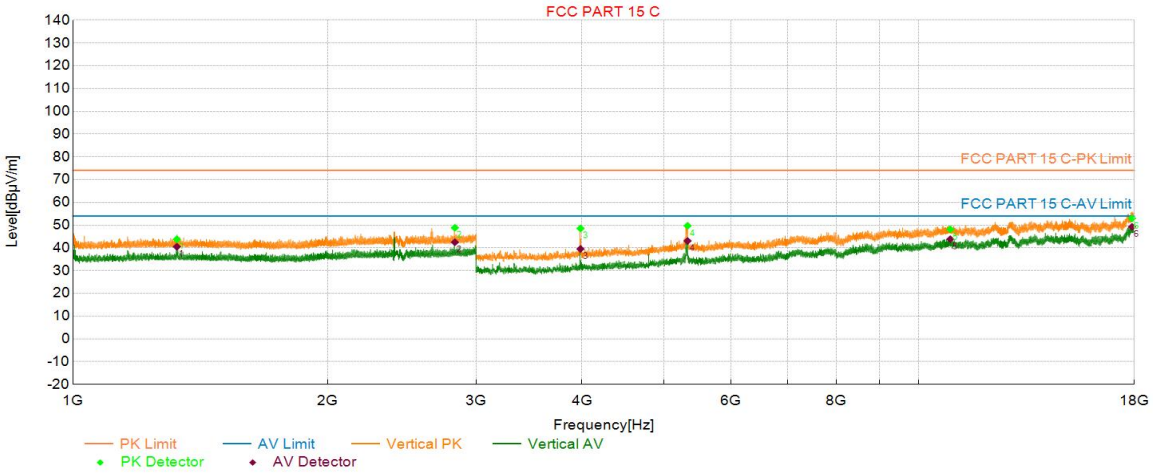
Note2: AV Margin=AV Limit - AV Value

Test Report

Project Information			
Customer:	Command Studio Microphone Set		
EUT:			
Model:	CTI-CMST01-MIC	SN:	
Mode:	SRD 2406	Voltage:	DC 5V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:			

Start of Test:2025-10-31 18:06:52

Test Graph



PK Final Data List								
NO.	Freq. (MHz)	Factor (dB)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1327.12	3.77	43.78	74.00	30.22	150	96	Vertical
2	2829.89	8.88	48.84	74.00	25.16	150	73	Vertical
3	3983.30	-11.25	48.54	74.00	25.46	150	48	Vertical
4	5331.87	-5.74	49.70	74.00	24.30	150	40	Vertical
5	10903.90	8.29	48.18	74.00	25.82	150	353	Vertical
6	17884.49	18.59	52.93	74.00	21.07	150	116	Vertical

AV Final Data List								
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1327.12	3.77	40.50	54.00	13.50	150	96	Vertical
2	2829.89	8.88	42.47	54.00	11.53	150	73	Vertical
3	3983.30	-11.25	39.54	54.00	14.46	150	48	Vertical
4	5331.87	-5.74	43.04	54.00	10.96	150	40	Vertical
5	10903.90	8.29	43.80	54.00	10.20	150	353	Vertical
6	17884.49	18.59	49.24	54.00	4.76	150	116	Vertical

Note1: PK Margin=PK Limit - PK Value

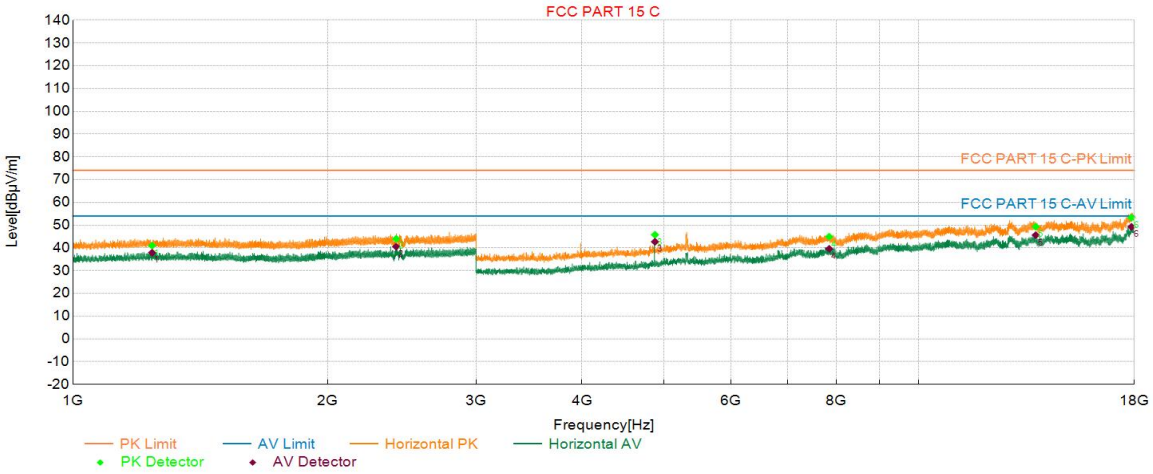
Note2: AV Margin=AV Limit - AV Value

Test Report

Project Information			
Customer:	Command Studio Microphone Set		
EUT:			
Model:	CTI-CMST01-MIC	SN:	
Mode:	SRD 2442	Voltage:	DC 5V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:			

Start of Test:2025-10-31 18:29:20

Test Graph



PK Final Data List								
NO.	Freq. (MHz)	Factor (dB)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1240.81	3.51	40.98	74.00	33.02	150	338	Horizontal
2	2411.37	7.30	43.99	74.00	30.01	150	322	Horizontal
3	4879.59	-7.62	45.76	74.00	28.24	150	249	Horizontal
4	7841.49	1.80	44.91	74.00	29.09	150	309	Horizontal
5	13761.54	12.49	49.34	74.00	24.66	150	196	Horizontal
6	17858.99	18.49	53.24	74.00	20.76	150	98	Horizontal

AV Final Data List								
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1240.81	3.51	37.87	54.00	16.13	150	338	Horizontal
2	2411.37	7.30	40.53	54.00	13.47	150	322	Horizontal
3	4879.59	-7.62	42.67	54.00	11.33	150	249	Horizontal
4	7841.49	1.80	39.58	54.00	14.42	150	309	Horizontal
5	13761.54	12.49	45.58	54.00	8.42	150	196	Horizontal
6	17858.99	18.49	49.25	54.00	4.75	150	98	Horizontal

Note1: PK Margin=PK Limit - PK Value

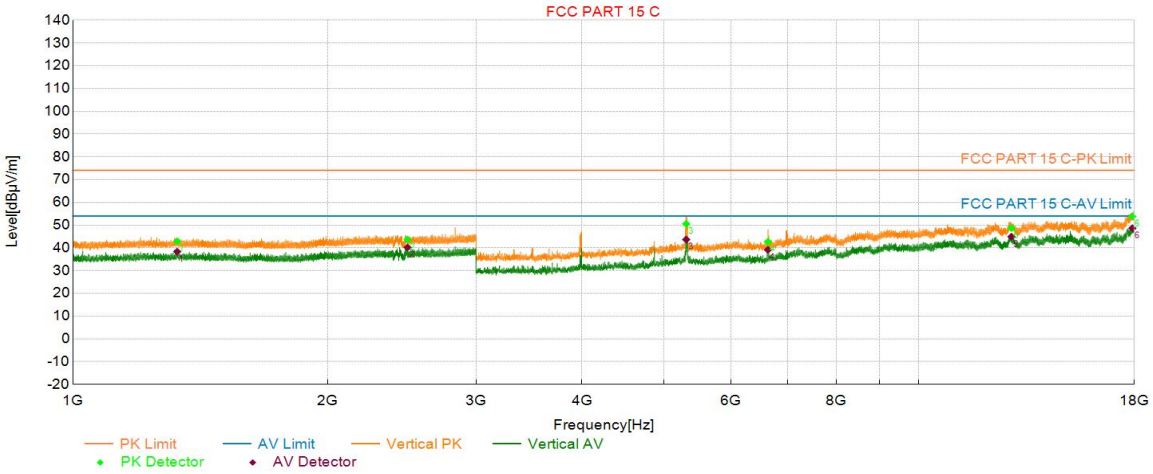
Note2: AV Margin=AV Limit - AV Value

Test Report

Project Information			
Customer:	Command Studio Microphone Set		
EUT:			
Model:	CTI-CMST01-MIC	SN:	
Mode:	SRD 2442	Voltage:	DC 5V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:			

Start of Test:2025-10-31 18:30:41

Test Graph



PK Final Data List								
NO.	Freq. (MHz)	Factor (dB)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1328.32	3.77	42.87	74.00	31.13	150	102	Vertical
2	2487.27	7.71	43.63	74.00	30.37	150	88	Vertical
3	5312.37	-5.67	50.54	74.00	23.46	150	122	Vertical
4	6636.18	-1.55	42.69	74.00	31.31	150	108	Vertical
5	12879.49	10.59	48.71	74.00	25.29	150	93	Vertical
6	17903.25	18.62	53.80	74.00	20.20	150	160	Vertical

AV Final Data List								
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1328.32	3.77	38.38	54.00	15.62	150	102	Vertical
2	2487.27	7.71	40.20	54.00	13.80	150	88	Vertical
3	5312.37	-5.67	43.67	54.00	10.33	150	122	Vertical
4	6636.18	-1.55	39.17	54.00	14.83	150	108	Vertical
5	12879.49	10.59	44.91	54.00	9.09	150	93	Vertical
6	17903.25	18.62	48.65	54.00	5.35	150	160	Vertical

Note1: PK Margin=PK Limit - PK Value

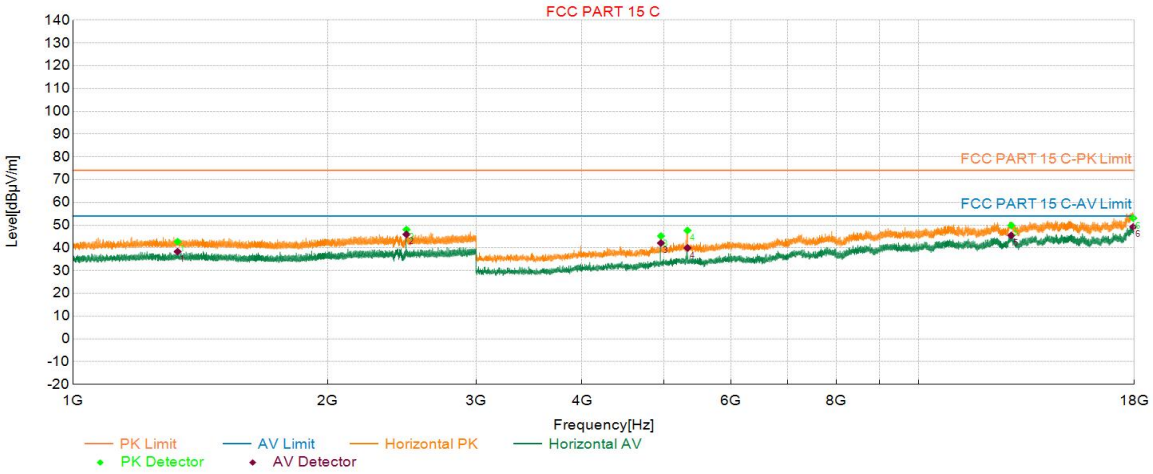
Note2: AV Margin=AV Limit - AV Value

Test Report

Project Information			
Customer:	Command Studio Microphone Set		
EUT:			
Model:	CTI-CMST01-MIC	SN:	
Mode:	SRD 2474	Voltage:	DC 5V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:			

Start of Test:2025-10-31 18:33:03

Test Graph



PK Final Data List								
NO.	Freq. (MHz)	Factor (dB)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1329.92	3.78	42.74	74.00	31.26	150	51	Horizontal
2	2479.97	7.67	48.03	74.00	25.97	150	329	Horizontal
3	4959.85	-7.22	45.22	74.00	28.78	150	247	Horizontal
4	5331.12	-5.73	47.63	74.00	26.37	150	112	Horizontal
5	12874.24	10.58	49.87	74.00	24.13	150	330	Horizontal
6	17948.25	18.18	53.03	74.00	20.97	150	308	Horizontal

AV Final Data List								
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1329.92	3.78	38.36	54.00	15.64	150	51	Horizontal
2	2479.97	7.67	45.94	54.00	8.06	150	329	Horizontal
3	4959.85	-7.22	42.10	54.00	11.90	150	247	Horizontal
4	5331.12	-5.73	39.96	54.00	14.04	150	112	Horizontal
5	12874.24	10.58	45.48	54.00	8.52	150	330	Horizontal
6	17948.25	18.18	49.22	54.00	4.78	150	308	Horizontal

Note1: PK Margin=PK Limit - PK Value

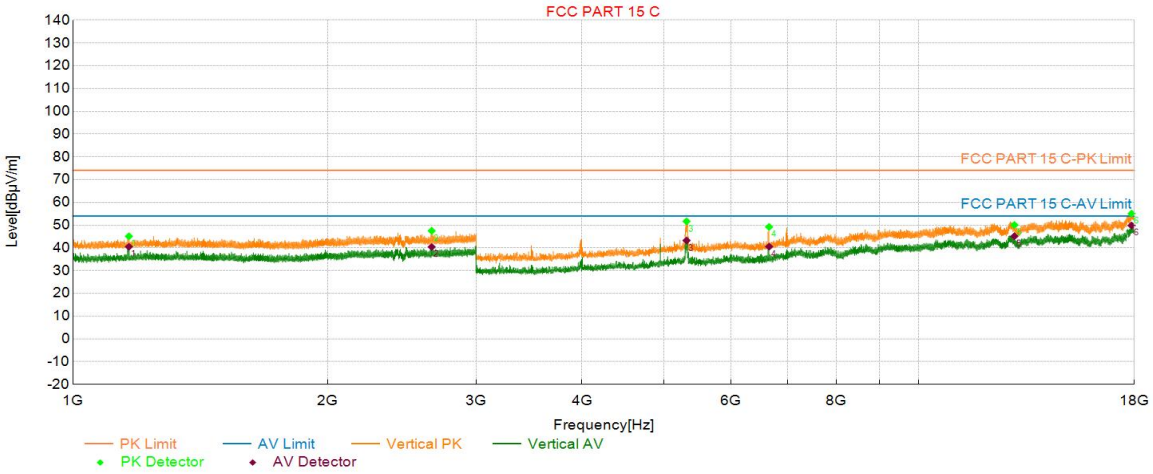
Note2: AV Margin=AV Limit - AV Value

Test Report

Project Information			
Customer:	Command Studio Microphone Set		
EUT:			
Model:	CTI-CMST01-MIC	SN:	
Mode:	SRD 2474	Voltage:	DC 5V
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Remark:			

Start of Test:2025-10-31 18:34:24

Test Graph



PK Final Data List								
NO.	Freq. (MHz)	Factor (dB)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1164.61	2.89	45.08	74.00	28.92	150	104	Vertical
2	2656.28	8.16	47.50	74.00	26.50	150	66	Vertical
3	5316.87	-5.68	51.64	74.00	22.36	150	121	Vertical
4	6657.93	-1.40	49.21	74.00	24.79	150	112	Vertical
5	12983.75	11.19	50.06	74.00	23.94	150	140	Vertical
6	17864.24	18.52	55.08	74.00	18.92	150	11	Vertical

AV Final Data List								
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1164.61	2.89	40.49	54.00	13.51	150	104	Vertical
2	2656.28	8.16	40.41	54.00	13.59	150	66	Vertical
3	5316.87	-5.68	43.24	54.00	10.76	150	121	Vertical
4	6657.93	-1.40	40.55	54.00	13.45	150	112	Vertical
5	12983.75	11.19	45.12	54.00	8.88	150	140	Vertical
6	17864.24	18.52	49.82	54.00	4.18	150	11	Vertical

Note1: PK Margin=PK Limit - PK Value

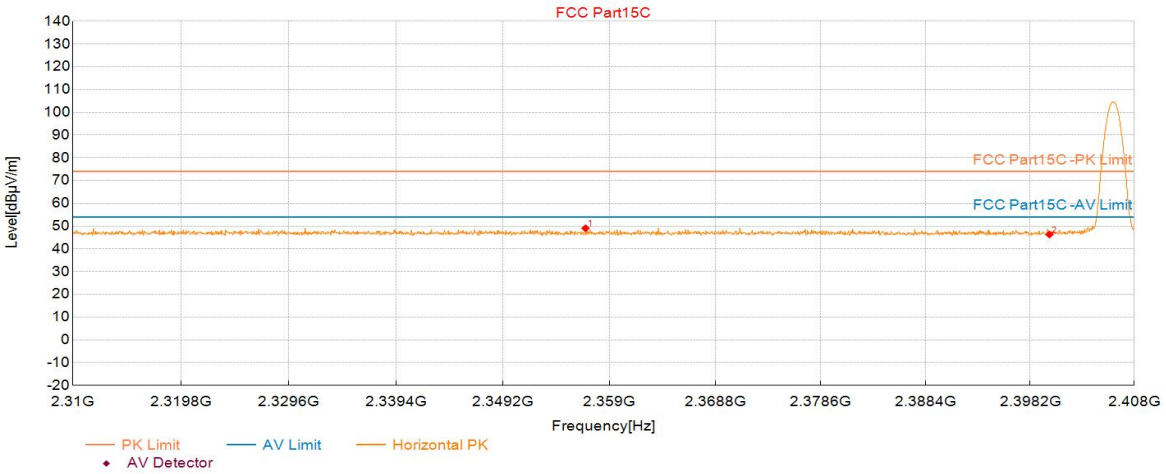
Note2: AV Margin=AV Limit - AV Value

Test Report

Project Information			
EUT:	Command Studio Microphone Set		
Model:	CTI-CMST01-MIC		
Mode:	SRD_2406		
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Voltage:	DC 5V	SN:	
Remark:			

Start of Test:2025-11-10 19:26:40

Test Graph



Suspected Data List								
NO.	Frequency (MHz)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2356.82	49.04	6.55	54.00	4.96	150	103	Horizontal
2	2400.01	46.32	6.54	54.00	7.68	150	264	Horizontal

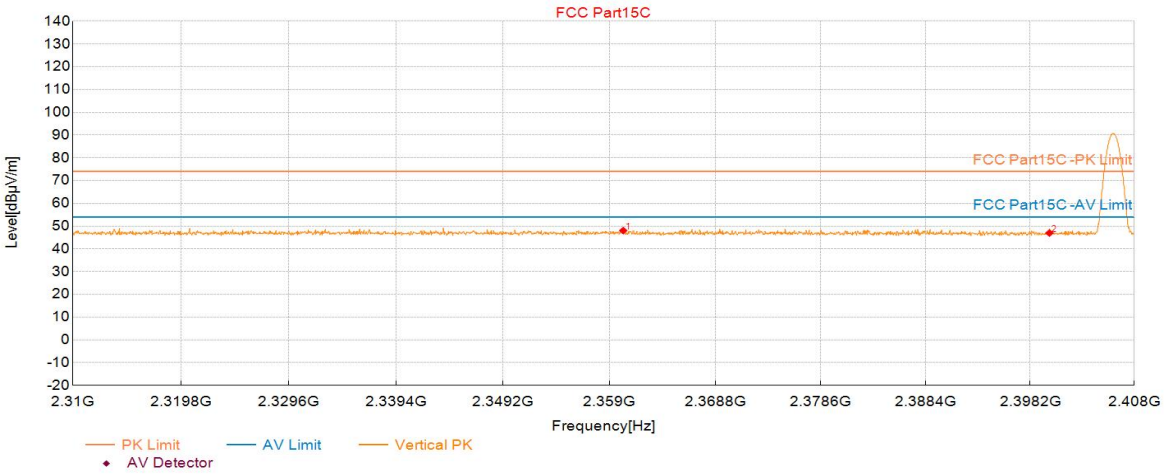
Note1: Margin=Limit - Level

Test Report

Project Information			
EUT:	Command Studio Microphone Set		
Model:	CTI-CMST01-MIC		
Mode:	SRD_2406		
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Voltage:	DC 5V	SN:	
Remark:			

Start of Test:2025-11-10 19:27:21

Test Graph



Suspected Data List								
NO.	Frequency (MHz)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2360.30	48.02	6.55	54.00	5.98	150	349	Vertical
2	2400.01	46.95	6.54	54.00	7.05	150	289	Vertical

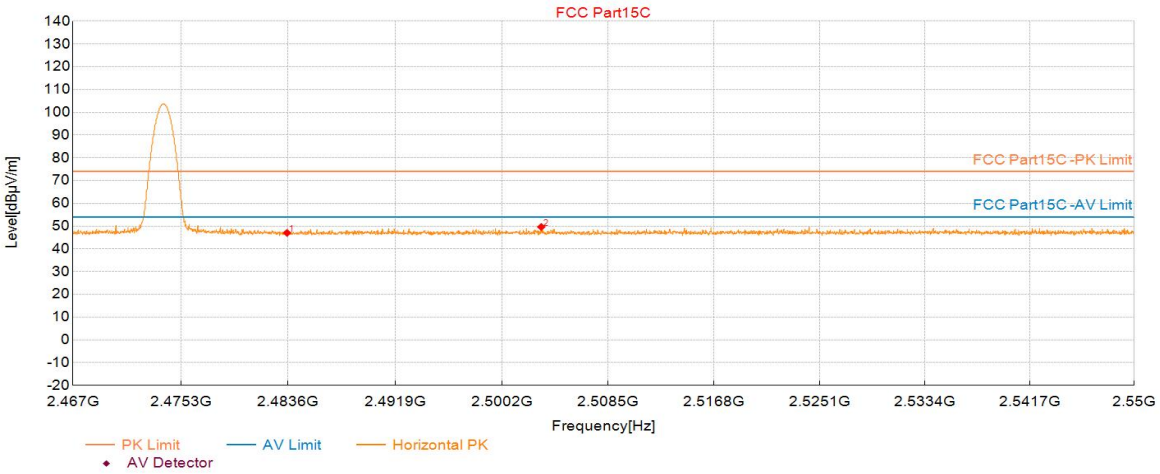
Note1: Margin=Limit - Level

Test Report

Project Information			
EUT:	Command Studio Microphone Set		
Model:	CTI-CMST01-MIC		
Mode:	SRD_2474		
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Voltage:	DC 5V	SN:	
Remark:			

Start of Test:2025-11-10 19:30:22

Test Graph



Suspected Data List								
NO.	Frequency (MHz)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.52	47.01	7.04	54.00	6.99	150	62	Horizontal
2	2503.28	49.64	7.14	54.00	4.36	150	104	Horizontal

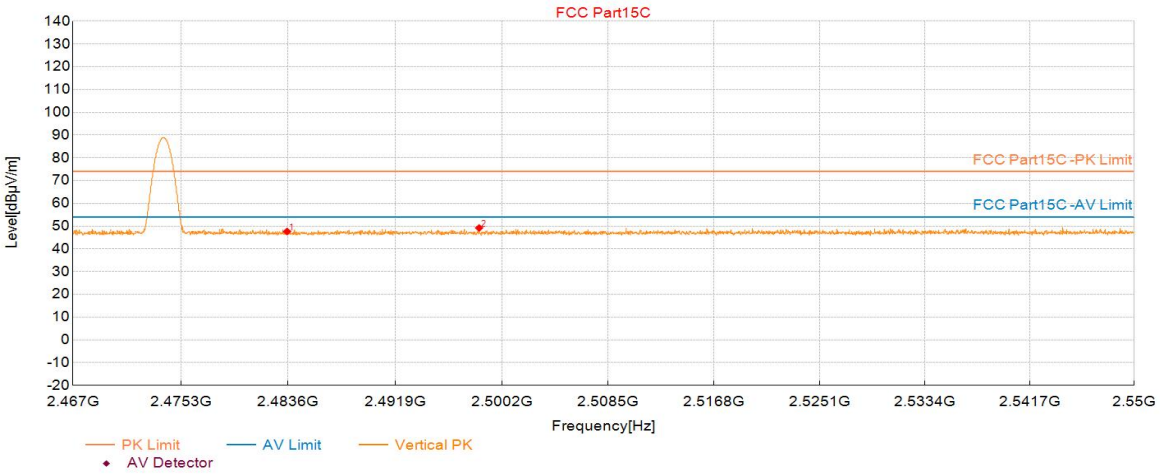
Note1: Margin=Limit - Level

Test Report

Project Information			
EUT:	Command Studio Microphone Set		
Model:	CTI-CMST01-MIC		
Mode:	SRD_2474		
Environment:	24.2℃ 51%	Engineer:	Soho Liu
Voltage:	DC 5V	SN:	
Remark:			

Start of Test:2025-11-10 19:31:04

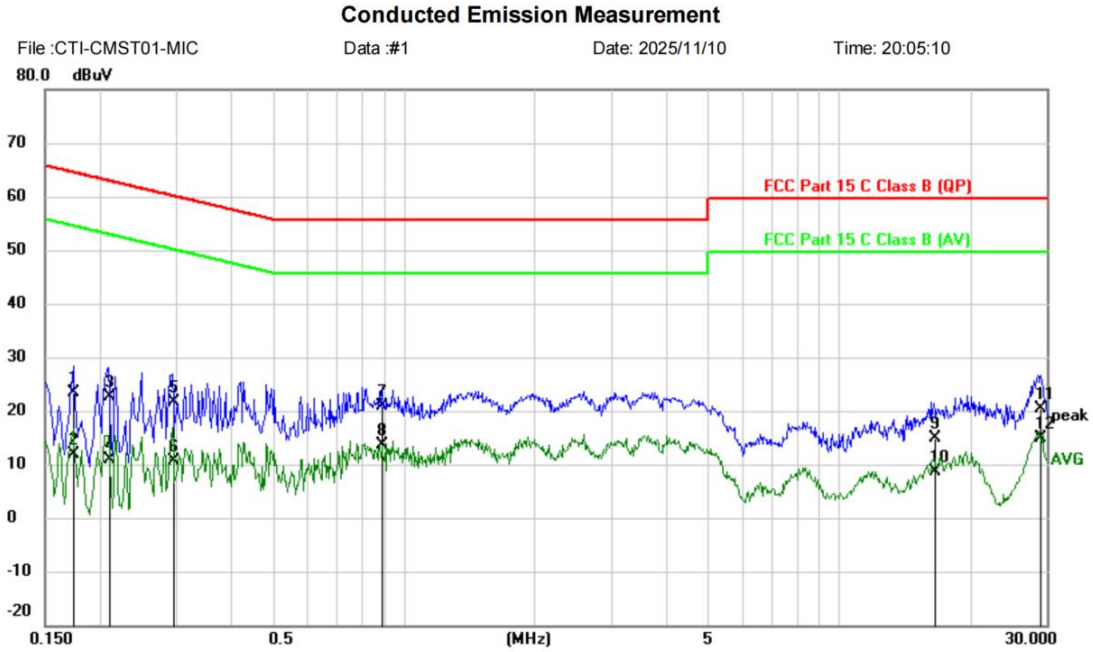
Test Graph



Suspected Data List								
NO.	Frequency (MHz)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.52	47.65	7.04	54.00	6.35	150	159	Vertical
2	2498.44	49.18	7.12	54.00	4.82	150	108	Vertical

Note1: Margin=Limit - Level

APPENDIX C – AC Power Line Conducted Emission Test Data



Site
Limit: FCC Part 15 C Class B (QP)
EUT: Command Studio Microphone Set
M/N: CTI-CMST01-MIC
Mode: SRD
Note:

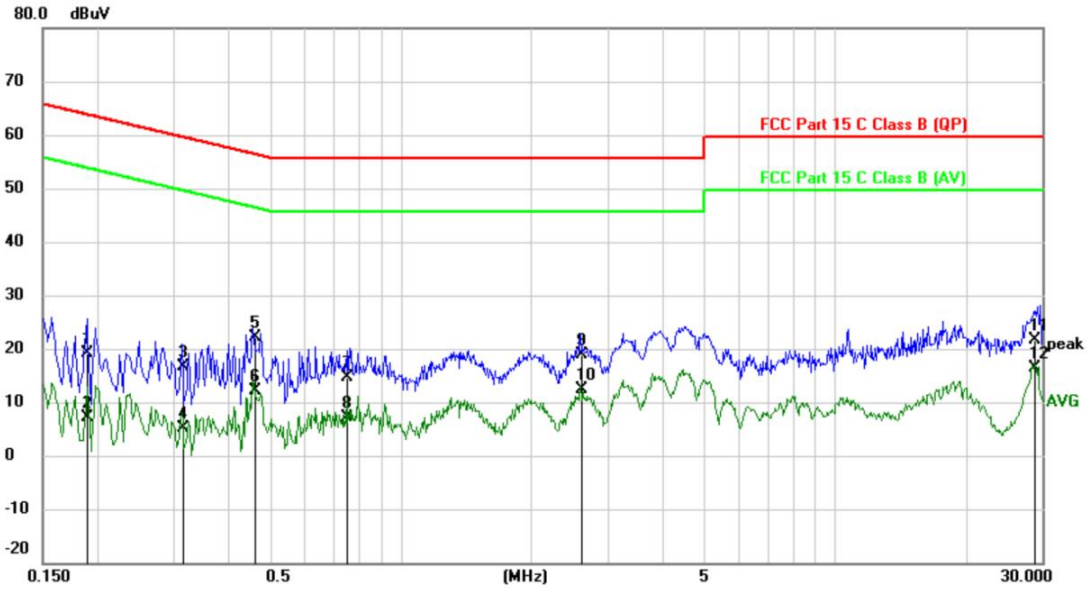
Phase: *N*
Power: AC 120V/60Hz

Temperature: 26
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1733	14.01	9.32	23.33	64.80	-41.47	QP	
2		0.1733	2.47	9.32	11.79	54.80	-43.01	AVG	
3		0.2104	13.22	9.32	22.54	63.19	-40.65	QP	
4		0.2104	1.45	9.32	10.77	53.19	-42.42	AVG	
5		0.2952	12.37	9.33	21.70	60.38	-38.68	QP	
6		0.2952	1.28	9.33	10.61	50.38	-39.77	AVG	
7		0.8900	11.50	9.39	20.89	56.00	-35.11	QP	
8	*	0.8900	4.25	9.39	13.64	46.00	-32.36	AVG	
9		16.5696	3.08	11.78	14.86	60.00	-45.14	QP	
10		16.5696	-3.06	11.78	8.72	50.00	-41.28	AVG	
11		29.0460	6.47	13.84	20.31	60.00	-39.69	QP	
12		29.0460	1.13	13.84	14.97	50.00	-35.03	AVG	

Conducted Emission Measurement

File :CTI-CMST01-MIC Data :#2 Date: 2025/11/10 Time: 20:09:49



Site Phase: *L1* Temperature: 26

Limit: FCC Part 15 C Class B (QP) Power: AC 120V/60Hz Humidity: 60 %

EUT: Command Studio Microphone Set

M/N: CTI-CMST01-MIC

Mode: SRD

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1892	9.82	9.35	19.17	64.07	-44.90	QP	
2		0.1892	-2.19	9.35	7.16	54.07	-46.91	AVG	
3		0.3147	7.39	9.36	16.75	59.85	-43.10	QP	
4		0.3147	-4.13	9.36	5.23	49.85	-44.62	AVG	
5		0.4590	12.70	9.39	22.09	56.71	-34.62	QP	
6		0.4590	2.62	9.39	12.01	46.71	-34.70	AVG	
7		0.7542	5.25	9.43	14.68	56.00	-41.32	QP	
8		0.7542	-2.24	9.43	7.19	46.00	-38.81	AVG	
9		2.6010	9.31	9.60	18.91	56.00	-37.09	QP	
10		2.6010	2.72	9.60	12.32	46.00	-33.68	AVG	
11		28.8508	7.43	14.23	21.66	60.00	-38.34	QP	
12	*	28.8508	2.13	14.23	16.36	50.00	-33.64	AVG	

END OF REPORT