(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),

15.3. 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 C63.10-2013

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 and all cables shall be insulated, if required, from the ground plane by up to 12mm of insulating material.

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 C63.10-2013.

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 and all cables shall be insulated, if required, from the ground plane by up to 12mm of insulating material.

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 C63.10-2013.

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 and all cables shall be insulated, if required, from the ground plane by up to 12mm of insulating material.

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 7.1.On Time And Duty Cycle.

7. Restriction band: Investigated frequency range from 2310 MHz to 2410 MHz and 2470MHz to 2500 MHz.

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.

15.4. 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 8DPSK, TX 2441 MHz mode.

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

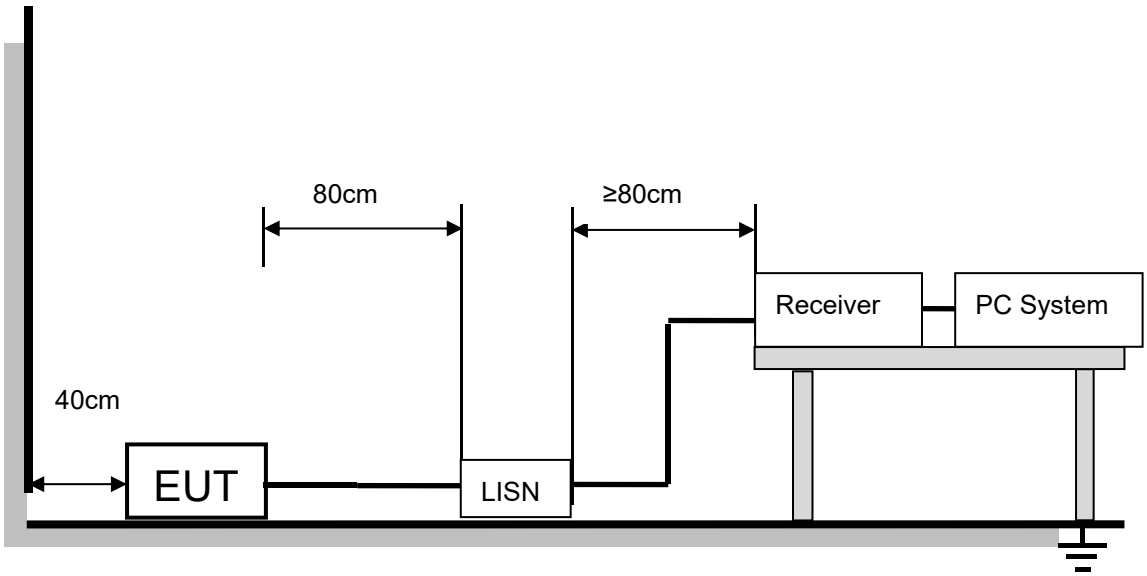
15.5. Original test data

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

Above 1 GHz test data Refer to appendix B

16. AC Power Line Conducted Emissions

16.1. Block diagram of test setup



The EUT and all cables shall be insulated, if required, from the ground plane by up to 12mm of insulating material. 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 C63.10-2013.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.

16.2. 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.

16.3. Test procedure

The EUT and all cables shall be insulated, if required, from the ground plane by up to 12mm of insulating material.

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.

16.4. 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.

16.5. Original test data

AC Power Line Conducted Emission Test Data Refer to appendix C

17. Antenna Requirements

17.1. Limits

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.

17.2. Result

The antenna used for this product is SMA 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 4.06 dBi

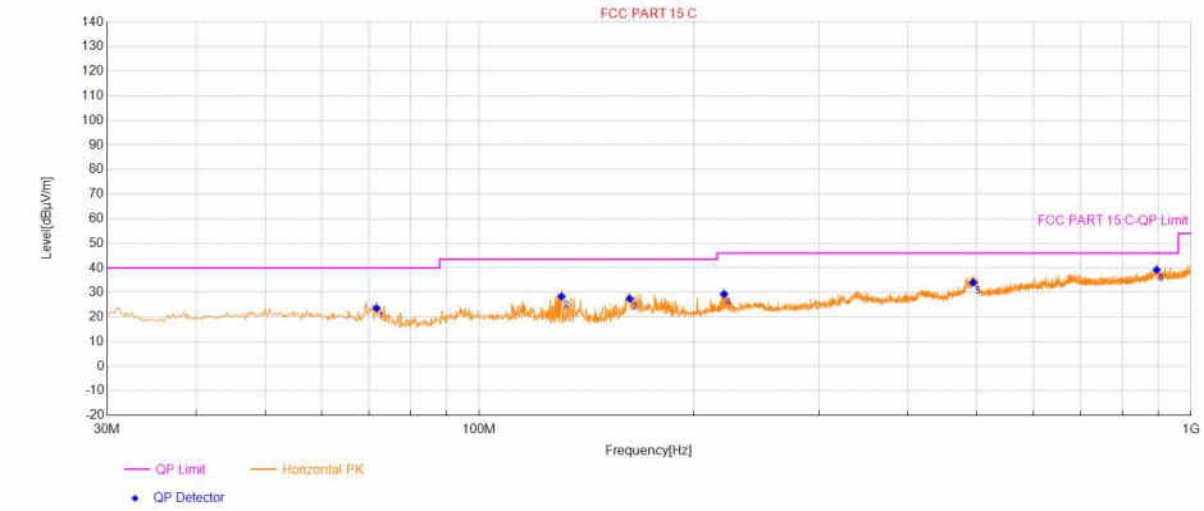
APPENDIX A – Radiated Emission Below 1GHz Test Data

Test Report

Project Information			
EUT:		Environment:	
Model:	CH65GC	SN:	
Mode:	3DH5_2441	Voltage:	AC120V/60Hz
Customer:		Engineer:	Fly Liao
Remark:	power set:default		

Start of Test: 2024-10-13

Test Graph



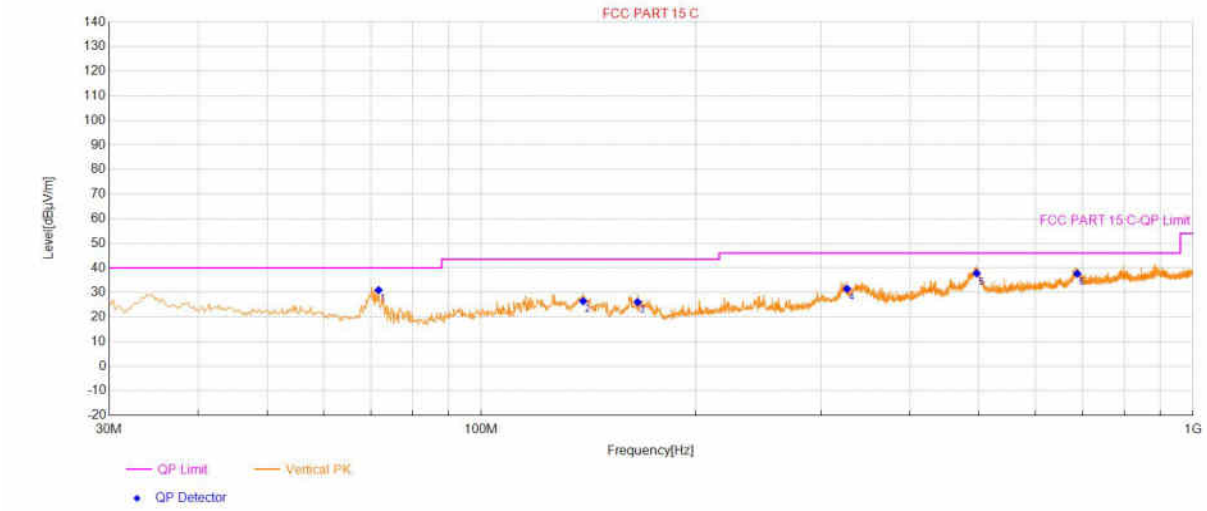
Final Data List								
NO.	Frequency (MHz)	QP Value (dBµV/m)	QP Limit (dBµV/m)	QP Margin (dB)	Height (cm)	Angle (°)	Polarity	Verdict
1	71.7183	23.61	40.00	16.39	100	76	Horizontal	PASS
2	130.5121	28.34	43.50	15.16	100	30	Horizontal	PASS
3	162.7225	27.47	43.50	16.03	100	307	Horizontal	PASS
4	220.7401	29.36	46.00	16.64	100	30	Horizontal	PASS
5	494.1408	34.02	46.00	11.98	100	155	Horizontal	PASS
6	895.0250	39.21	46.00	6.79	100	253	Horizontal	PASS

Test Report

Project Information			
EUT:		Environment:	
Model:	CH65GC	SN:	
Mode:	3DH5_2441	Voltage:	AC120V/60Hz
Customer:		Engineer:	Fly Liao
Remark:	power set:default		

Start of Test: 2024-10-13

Test Graph



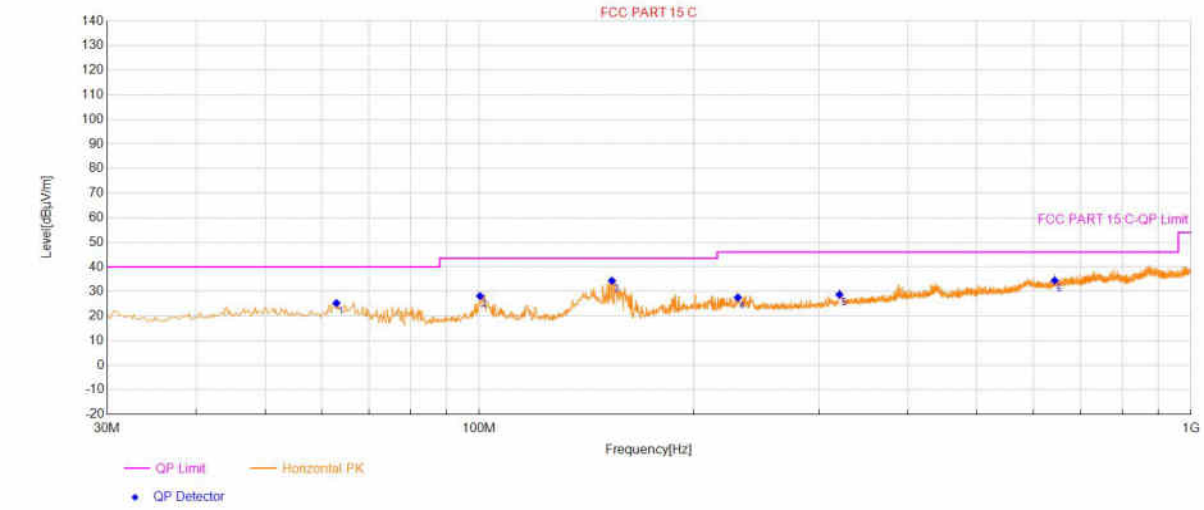
Final Data List								
NO.	Frequency (MHz)	QP Value (dBµV/m)	QP Limit (dBµV/m)	QP Margin (dB)	Height (cm)	Angle (°)	Polarity	Verdict
1	71.7183	30.95	40.00	9.05	100	0	Vertical	PASS
2	139.0498	26.47	43.50	17.03	100	96	Vertical	PASS
3	165.8272	26.11	43.50	17.39	100	25	Vertical	PASS
4	326.4913	31.52	46.00	14.48	100	0	Vertical	PASS
5	496.6633	37.79	46.00	8.21	100	2	Vertical	PASS
6	687.7916	37.66	46.00	8.34	100	327	Vertical	PASS

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	3DH5_2441	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC PART 15 C			

Start of Test:2024-10-15 11:19:03

Test Graph



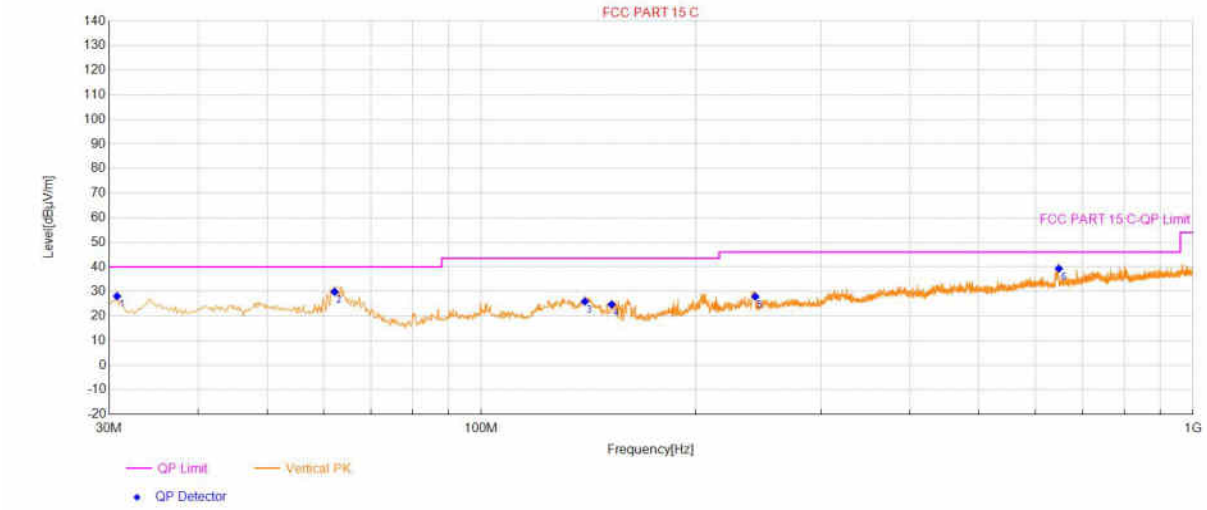
Final Data List									
NO.	Frequency (MHz)	Factor (dB/m)	QP Value (dBµV/m)	QP Limit (dBµV/m)	QP Margin (dB)	Height (cm)	Angle (°)	Polarity	Verdict
1	62.9866	19.53	25.30	40.00	14.70	100	94	Horizontal	PASS
2	100.2420	19.94	28.14	43.50	15.36	100	359	Horizontal	PASS
3	153.6027	17.24	34.38	43.50	9.12	100	32	Horizontal	PASS
4	230.8302	21.45	27.56	46.00	18.44	100	359	Horizontal	PASS
5	320.6701	23.86	28.74	46.00	17.26	100	48	Horizontal	PASS
6	643.3567	30.67	34.47	46.00	11.53	100	120	Horizontal	PASS

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	3DH5_2441	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC PART 15 C			

Start of Test:2024-10-15 11:19:50

Test Graph



Final Data List									
NO.	Frequency (MHz)	Factor (dB/m)	QP Value (dBµV/m)	QP Limit (dBµV/m)	QP Margin (dB)	Height (cm)	Angle (°)	Polarity	Verdict
1	30.7762	17.74	28.09	40.00	11.91	100	27	Vertical	PASS
2	62.2104	19.73	29.88	40.00	10.12	100	27	Vertical	PASS
3	139.8260	16.72	25.95	43.50	17.55	100	294	Vertical	PASS
4	152.4385	17.19	24.72	43.50	18.78	100	327	Vertical	PASS
5	242.6665	21.75	27.92	46.00	18.08	100	327	Vertical	PASS
6	647.8196	30.71	39.32	46.00	6.68	100	37	Vertical	PASS

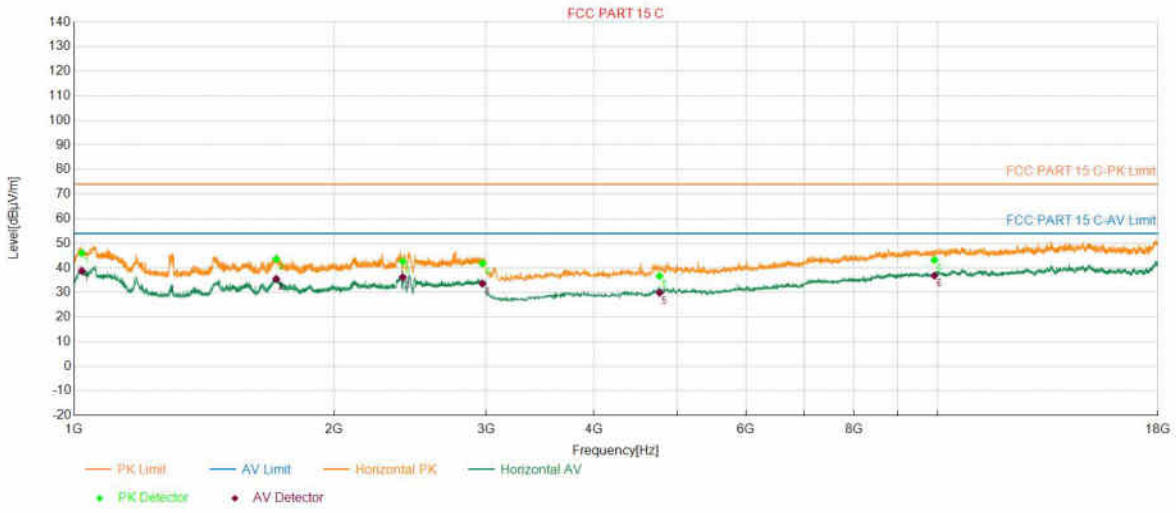
APPENDIX B – Radiated Emission Above 1GHz Test Data

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	3DH5_2402	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC PART 15 C			

Start of Test:2024-10-13 14:59:30

Test Graph



PK Final Data List

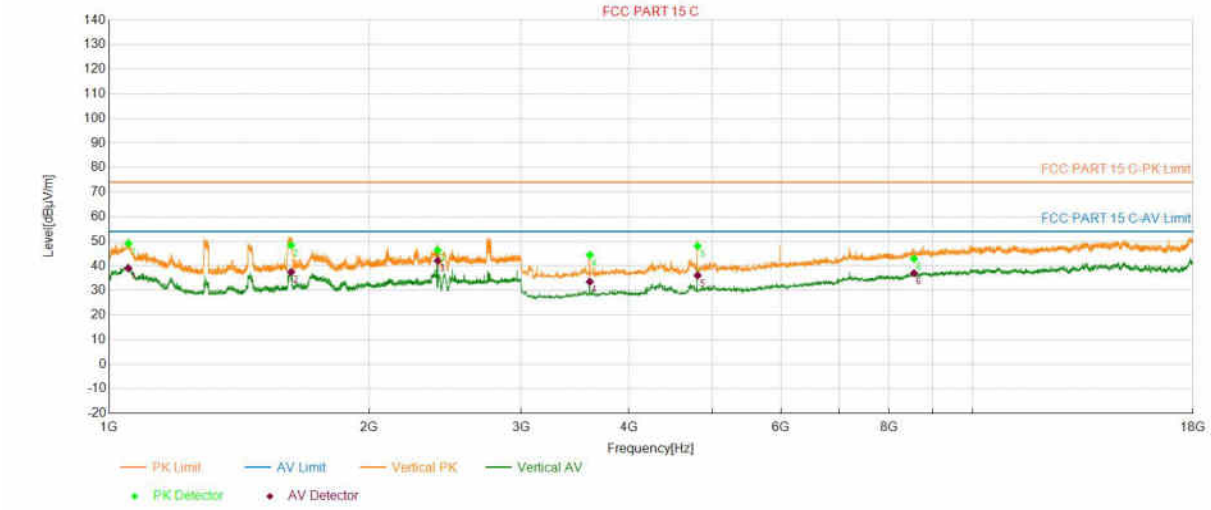
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1020.8042	-1.24	46.06	74.00	27.94	38.81	54.00	15.19	150	152	Horizontal
2	1714.1428	0.35	43.65	74.00	30.35	35.54	54.00	18.46	150	217	Horizontal
3	2401.8804	6.74	42.61	74.00	31.39	36.21	54.00	17.79	150	90	Horizontal
4	2970.3941	7.57	41.90	74.00	32.10	33.59	54.00	20.41	150	152	Horizontal
5	4764.3529	-5.25	36.77	74.00	37.23	29.88	54.00	24.12	150	112	Horizontal
6	9913.3827	8.43	43.20	74.00	30.80	36.89	54.00	17.11	150	6	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	3DH5_2402	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC PART 15 C			

Start of Test:2024-10-13 15:01:00

Test Graph



PK Final Data List

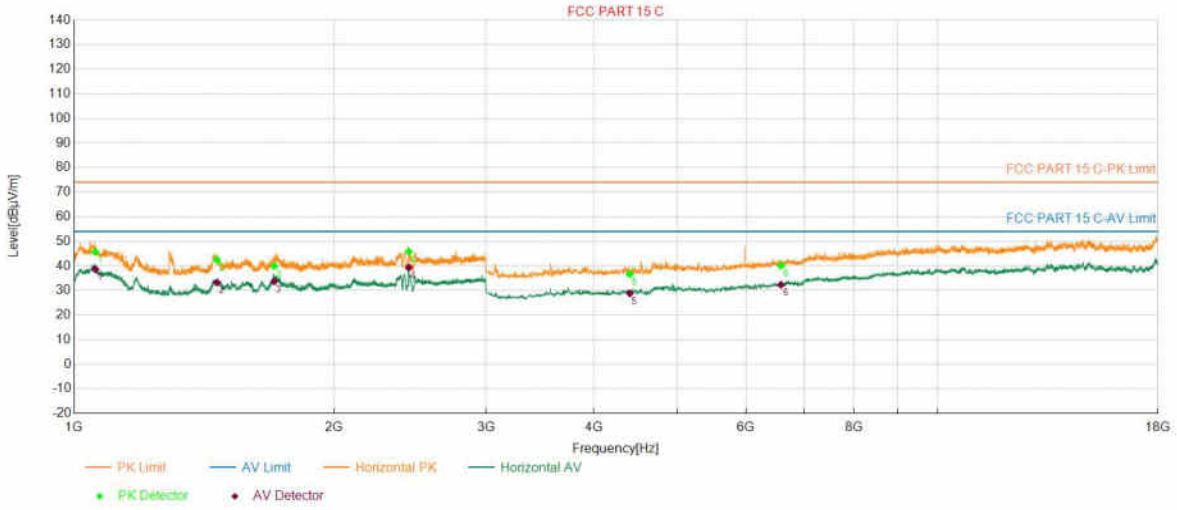
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1052.8106	-1.17	49.14	74.00	24.86	39.01	54.00	14.99	150	201	Vertical
2	1624.5249	0.42	48.40	74.00	25.60	37.54	54.00	16.46	150	359	Vertical
3	2401.8804	6.74	46.42	74.00	27.58	42.11	54.00	11.89	150	99	Vertical
4	3603.1206	-10.06	44.48	74.00	29.52	33.57	54.00	20.43	150	93	Vertical
5	4803.3607	-5.02	48.05	74.00	25.95	36.10	54.00	17.90	150	83	Vertical
6	8554.1108	6.36	42.91	74.00	31.09	37.04	54.00	16.96	150	114	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	3DH5_2441	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC PART 15 C			

Start of Test:2024-10-13 15:03:31

Test Graph



PK Final Data List

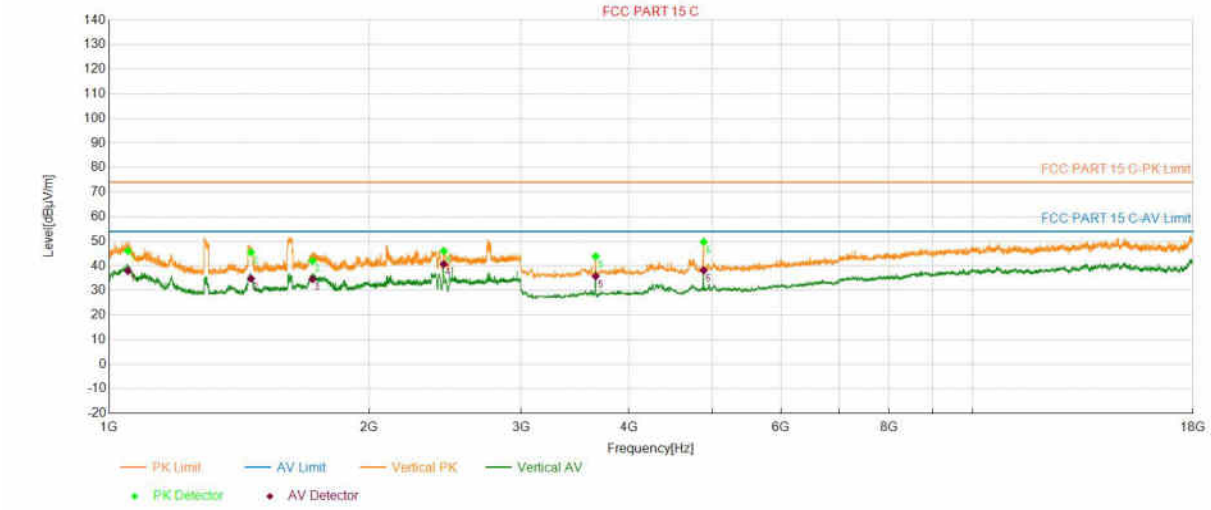
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1058.0116	-1.16	45.66	74.00	28.34	38.64	54.00	15.36	150	145	Horizontal
2	1464.0928	0.00	42.37	74.00	31.63	33.25	54.00	20.75	150	252	Horizontal
3	1705.3411	0.33	39.97	74.00	34.03	33.69	54.00	20.31	150	219	Horizontal
4	2441.0882	6.44	45.80	74.00	28.20	39.34	54.00	14.66	150	114	Horizontal
5	4401.2803	-6.60	36.66	74.00	37.34	28.83	54.00	25.17	150	82	Horizontal
6	6585.7171	1.52	40.08	74.00	33.92	32.33	54.00	21.67	150	104	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	3DH5_2441	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC PART 15 C			

Start of Test:2024-10-13 15:05:00

Test Graph



PK Final Data List

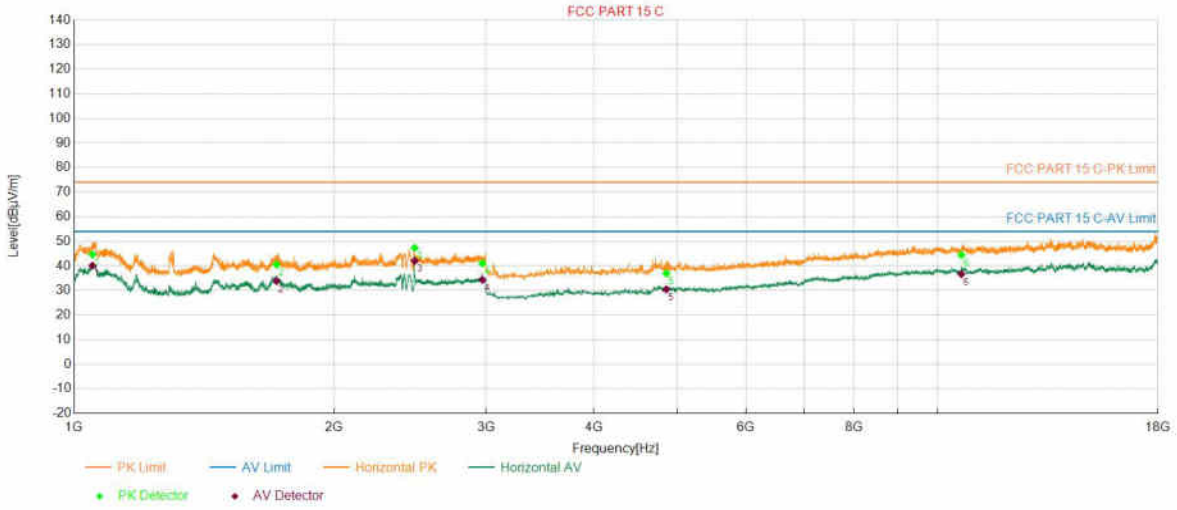
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1051.6103	-1.17	46.09	74.00	27.91	37.92	54.00	16.08	150	182	Vertical
2	1460.0920	-0.01	45.51	74.00	28.49	34.84	54.00	19.16	150	204	Vertical
3	1719.7439	0.35	42.08	74.00	31.92	34.58	54.00	19.42	150	163	Vertical
4	2441.0882	6.44	46.05	74.00	27.95	40.74	54.00	13.26	150	111	Vertical
5	3660.1320	-9.55	43.89	74.00	30.11	35.79	54.00	18.21	150	95	Vertical
6	4881.3763	-4.43	49.76	74.00	24.24	38.17	54.00	15.83	150	74	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	3DH5_2480	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC PART 15 C			

Start of Test:2024-10-13 15:07:41

Test Graph



PK Final Data List

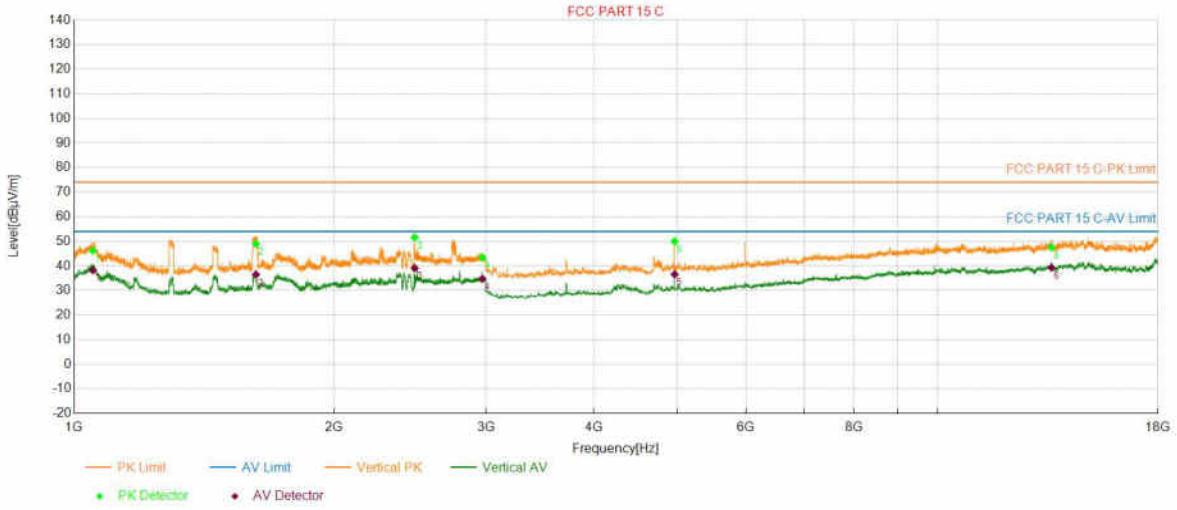
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1050.0100	-1.17	44.68	74.00	29.32	40.11	54.00	13.89	150	154	Horizontal
2	1715.3431	0.34	40.55	74.00	33.45	33.82	54.00	20.18	150	235	Horizontal
3	2479.8960	6.17	47.31	74.00	26.69	42.02	54.00	11.98	150	132	Horizontal
4	2970.3941	7.57	41.09	74.00	32.91	34.35	54.00	19.65	150	259	Horizontal
5	4851.3703	-4.65	36.97	74.00	37.03	30.45	54.00	23.55	150	249	Horizontal
6	10654.5309	9.83	44.48	74.00	29.52	36.69	54.00	17.31	150	217	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	3DH5_2480	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC PART 15 C			

Start of Test:2024-10-13 15:09:10

Test Graph



PK Final Data List

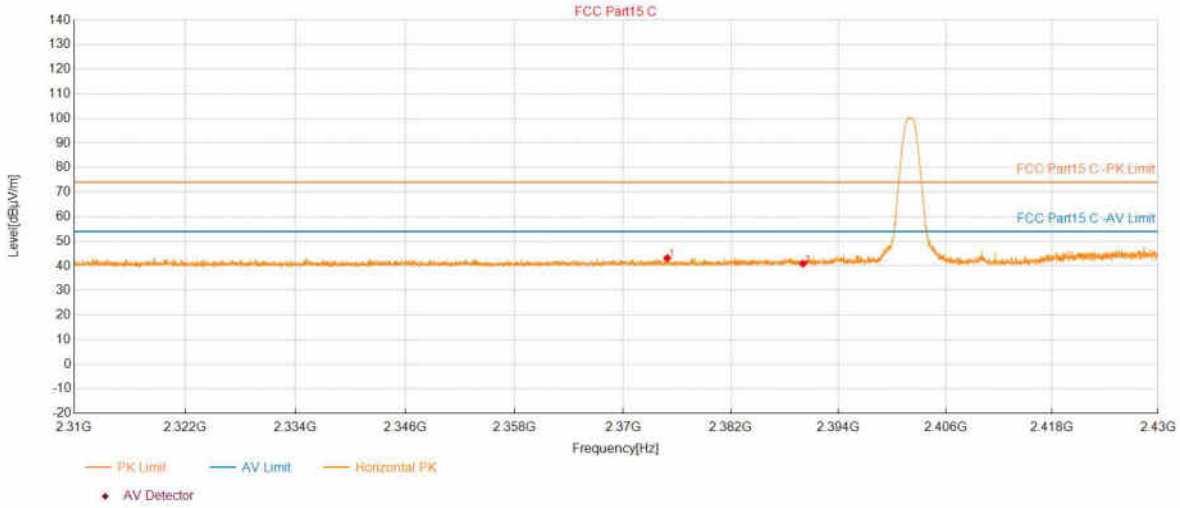
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1051.2102	-1.17	46.20	74.00	27.80	38.19	54.00	15.81	150	193	Vertical
2	1624.1248	0.42	48.99	74.00	25.01	36.48	54.00	17.52	150	360	Vertical
3	2479.8960	6.17	51.58	74.00	22.42	39.09	54.00	14.91	150	112	Vertical
4	2970.3941	7.57	43.39	74.00	30.61	34.75	54.00	19.25	150	317	Vertical
5	4959.3919	-4.16	50.01	74.00	23.99	36.57	54.00	17.43	150	83	Vertical
6	13547.1094	14.64	47.52	74.00	26.48	39.27	54.00	14.73	150	258	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	DH5_2402	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC Part15 C			

Start of Test:2024-10-13 15:24:20

Test Graph



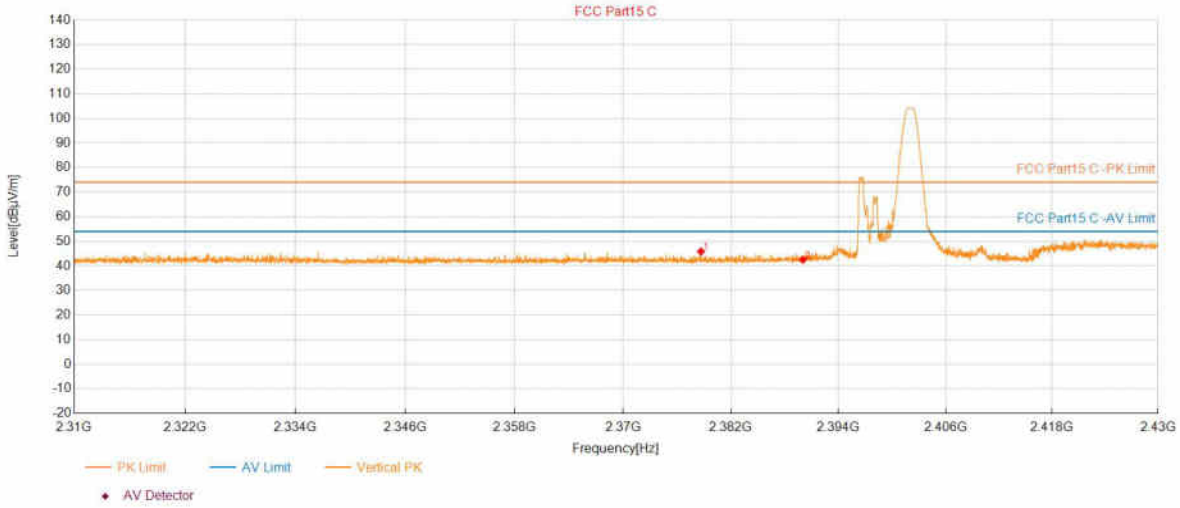
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2374.9090	43.19	74.00	30.81	150	199	Horizontal
2	2390.0080	40.90	74.00	33.10	150	81	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	DH5_2402	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC Part15 C			

Start of Test:2024-10-13 15:26:20

Test Graph



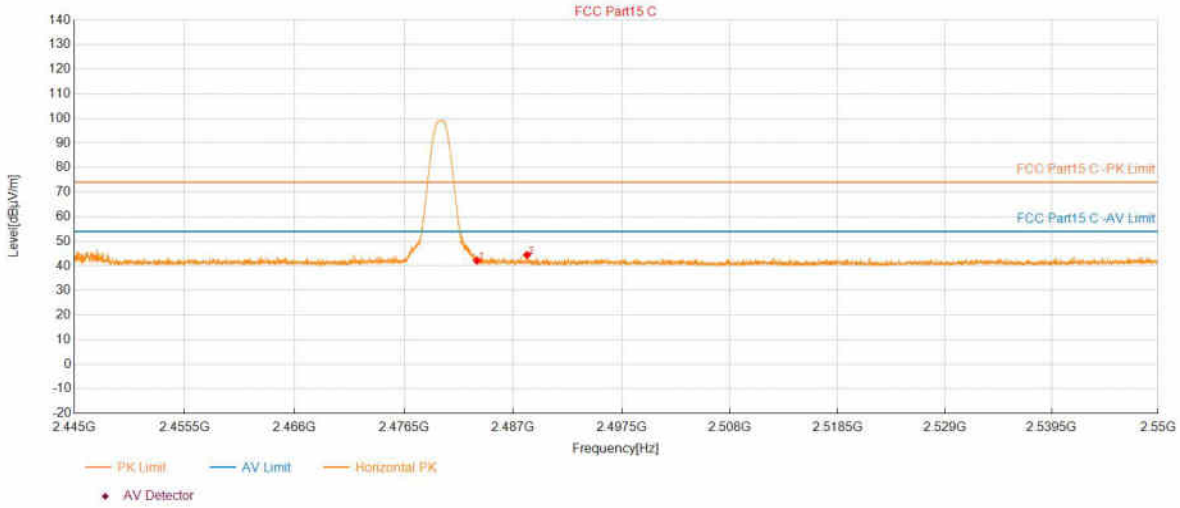
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2378.6537	45.85	74.00	28.15	150	115	Vertical
2	2390.0080	42.53	74.00	31.47	150	360	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	DH5_2441	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC Part15 C			

Start of Test:2024-10-13 15:28:32

Test Graph



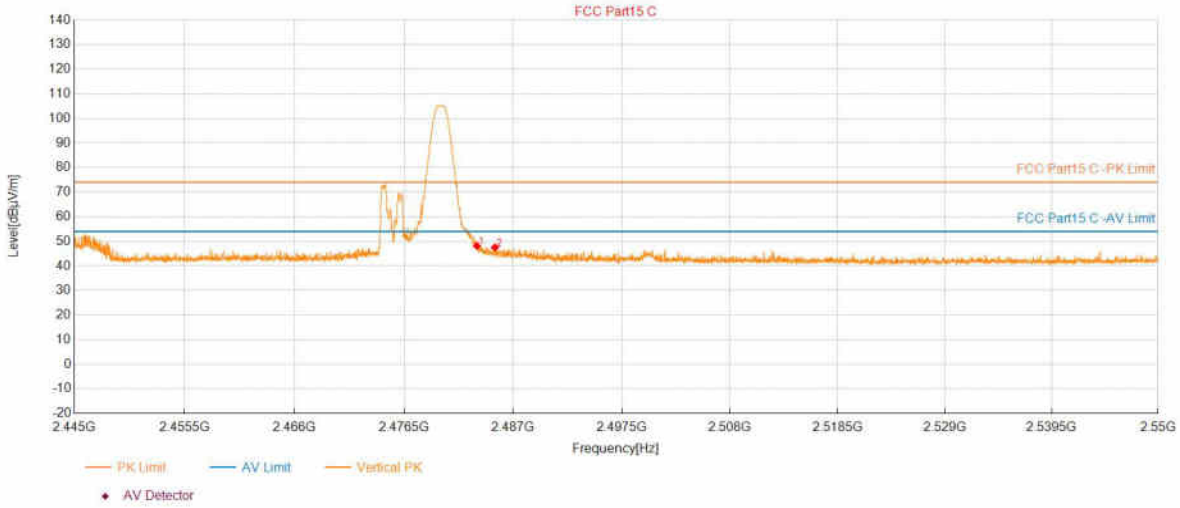
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.5007	42.13	74.00	31.87	150	123	Horizontal
2	2488.3317	44.43	74.00	29.57	150	281	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	DH5_2480	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC Part15 C			

Start of Test:2024-10-13 15:29:19

Test Graph



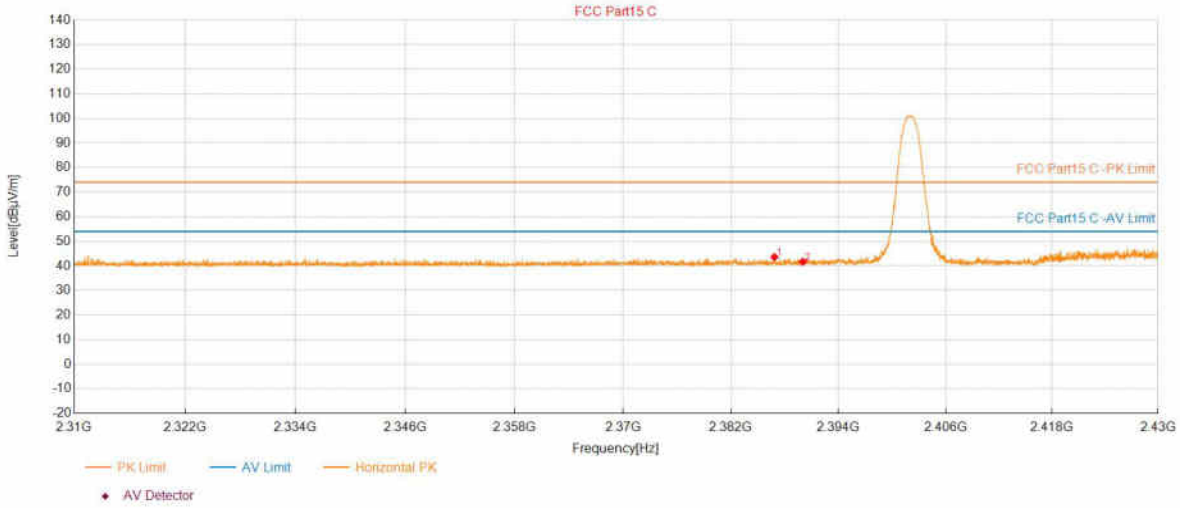
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.5007	48.16	74.00	25.84	150	96	Vertical
2	2485.2440	47.50	74.00	26.50	150	96	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	2DH5_2402	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC Part15 C			

Start of Test:2024-10-13 15:31:10

Test Graph



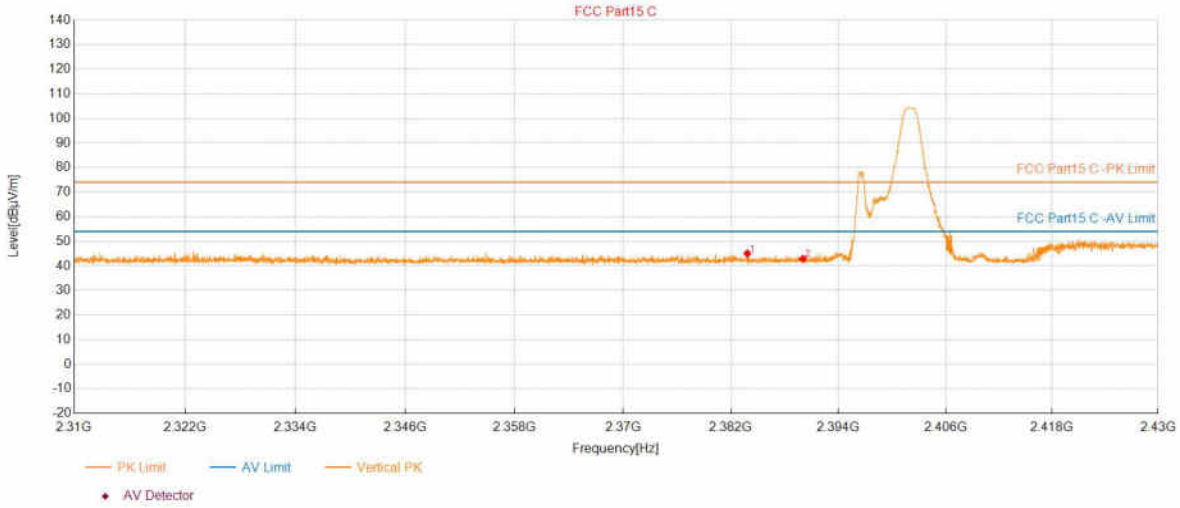
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2386.8394	43.59	74.00	30.41	150	64	Horizontal
2	2390.0080	41.69	74.00	32.31	150	101	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	2DH5_2402	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC Part15 C			

Start of Test:2024-10-13 15:32:01

Test Graph



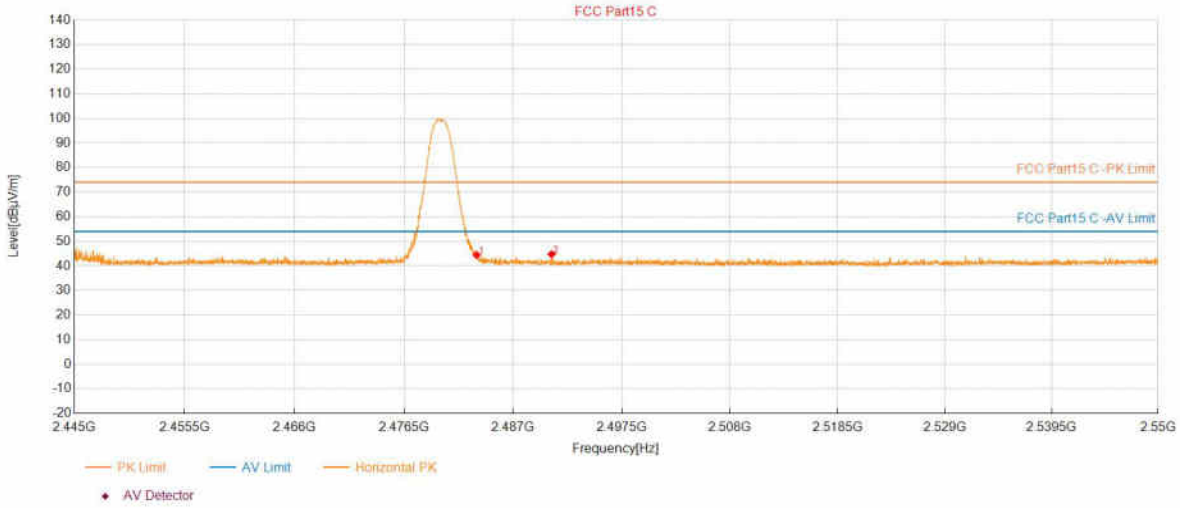
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2383.8148	45.04	74.00	28.96	150	303	Vertical
2	2390.0080	42.92	74.00	31.08	150	311	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	2DH5_2480	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC Part15 C			

Start of Test:2024-10-13 15:33:49

Test Graph



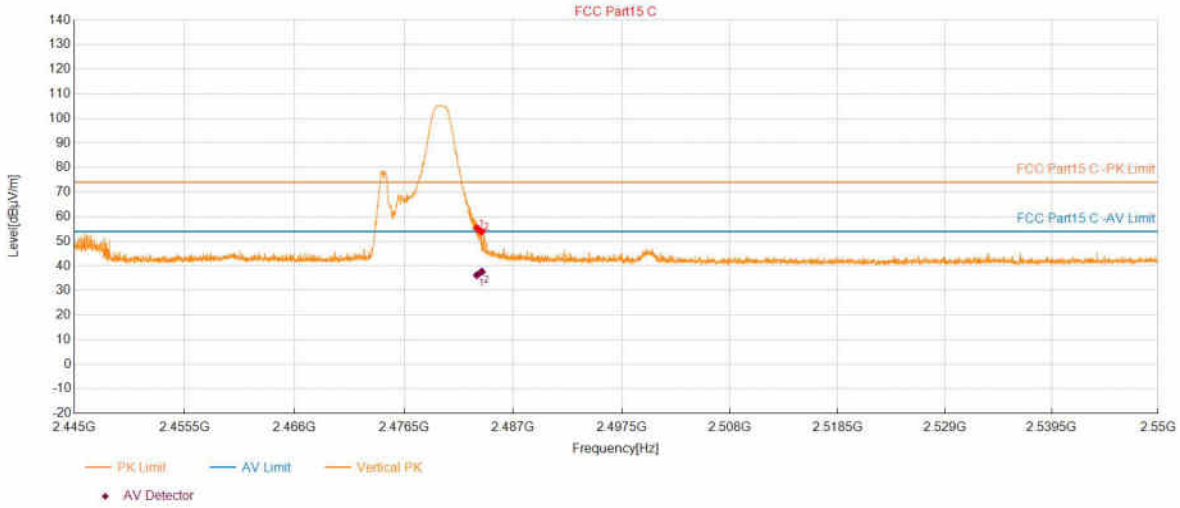
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.5007	44.42	74.00	29.58	150	131	Horizontal
2	2490.7051	44.75	74.00	29.25	150	69	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	2DH5_2480	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC Part15 C			

Start of Test:2024-10-13 15:34:35

Test Graph



Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.5007	55.44	74.00	18.56	150	106	Vertical
2	2483.9628	53.91	74.00	20.09	150	106	Vertical

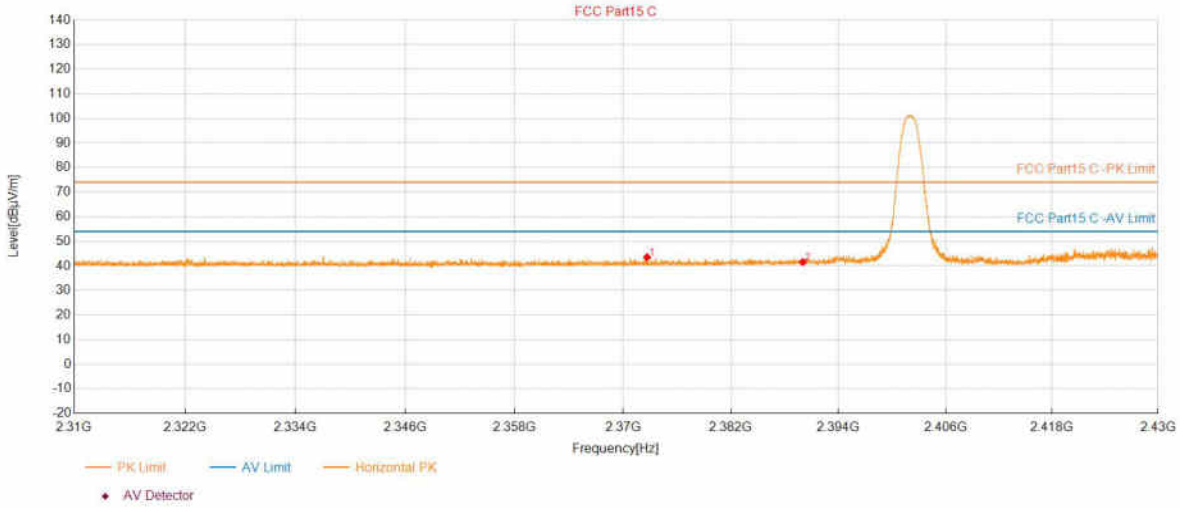
PK Final Data List								
NO.	Frequency (MHz)	Factor (dB/m)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.5007	3.98	36.23	54.00	17.77	150	106	Vertical
2	2483.9628	3.99	37.64	54.00	16.36	150	106	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	3DH5_2402	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC Part15 C			

Start of Test:2024-10-13 15:36:47

Test Graph



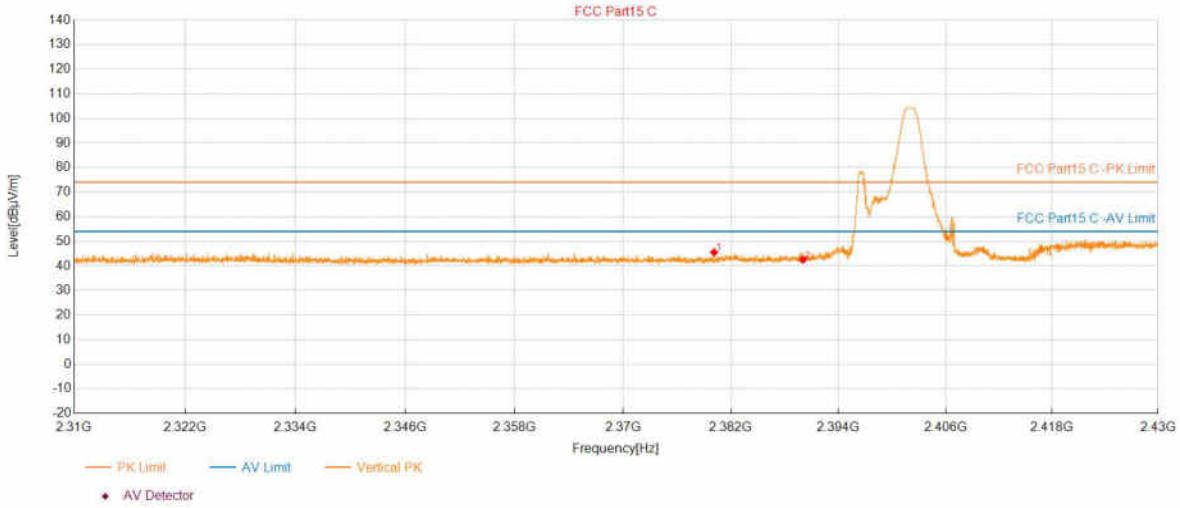
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2372.6765	43.54	74.00	30.46	150	254	Horizontal
2	2390.0080	41.58	74.00	32.42	150	63	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	3DH5_2402	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC Part15 C			

Start of Test:2024-10-13 15:37:38

Test Graph



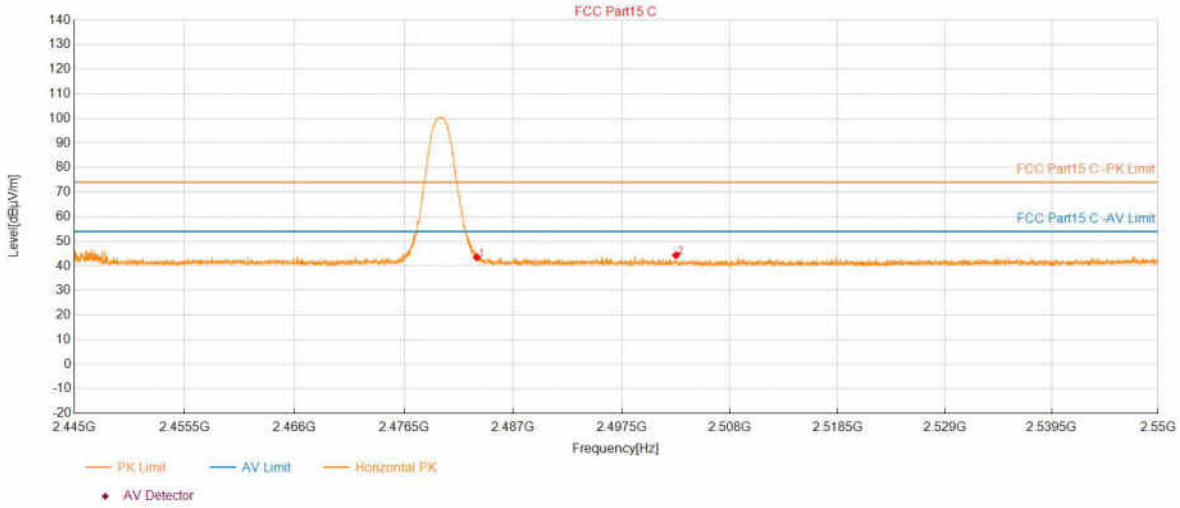
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2380.1180	45.52	74.00	28.48	150	28	Vertical
2	2390.0080	42.49	74.00	31.51	150	82	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	3DH5_2480	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC Part15 C			

Start of Test:2024-10-13 15:39:15

Test Graph



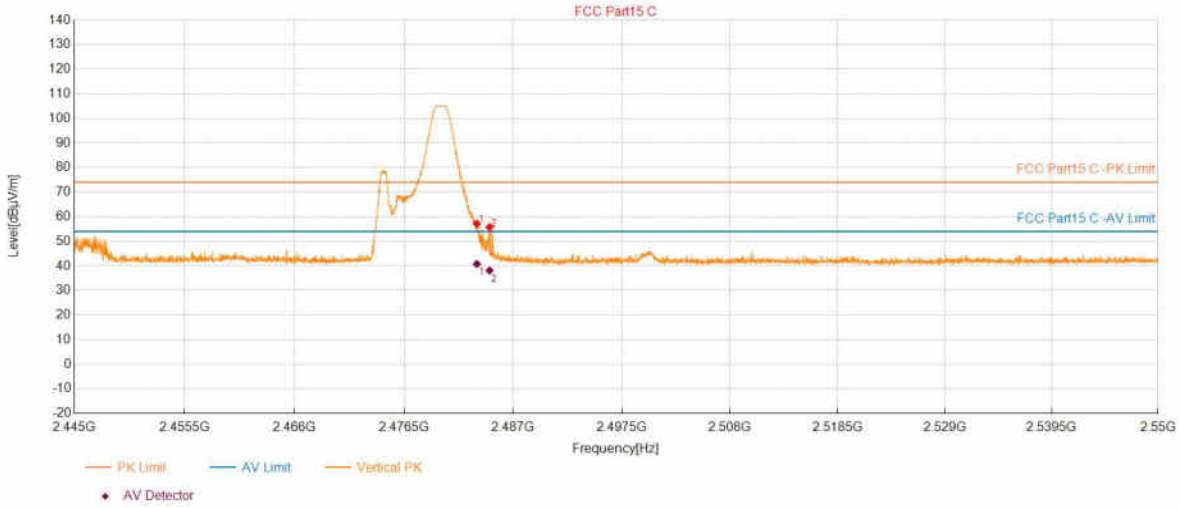
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.5007	43.50	74.00	30.50	150	124	Horizontal
2	2502.7616	44.33	74.00	29.67	150	62	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	3DH5_2480	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC Part15 C			

Start of Test:2024-10-13 15:40:00

Test Graph



Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.5007	57.17	74.00	16.83	150	103	Vertical
2	2484.7189	55.77	74.00	18.23	150	112	Vertical

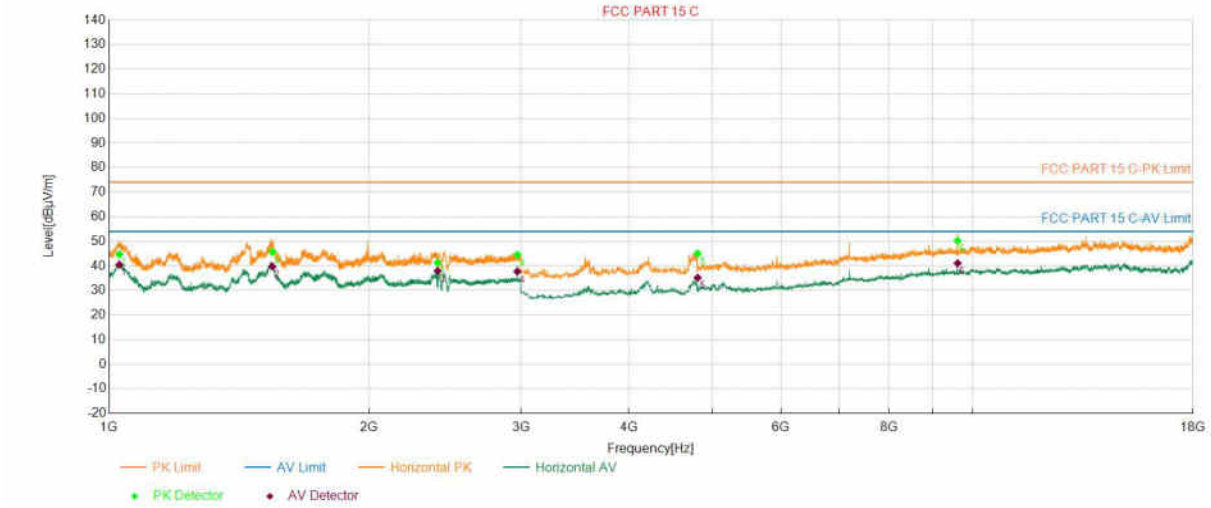
PK Final Data List								
NO.	Frequency (MHz)	Factor (dB/m)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.5000	3.98	40.79	54.00	13.21	142.9	107	Vertical
2	2484.7189	3.99	38.11	54.00	15.89	150	112	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	3HD5_2402	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC PART 15 C			

Start of Test:2024-10-15 10:17:46

Test Graph



PK Final Data List

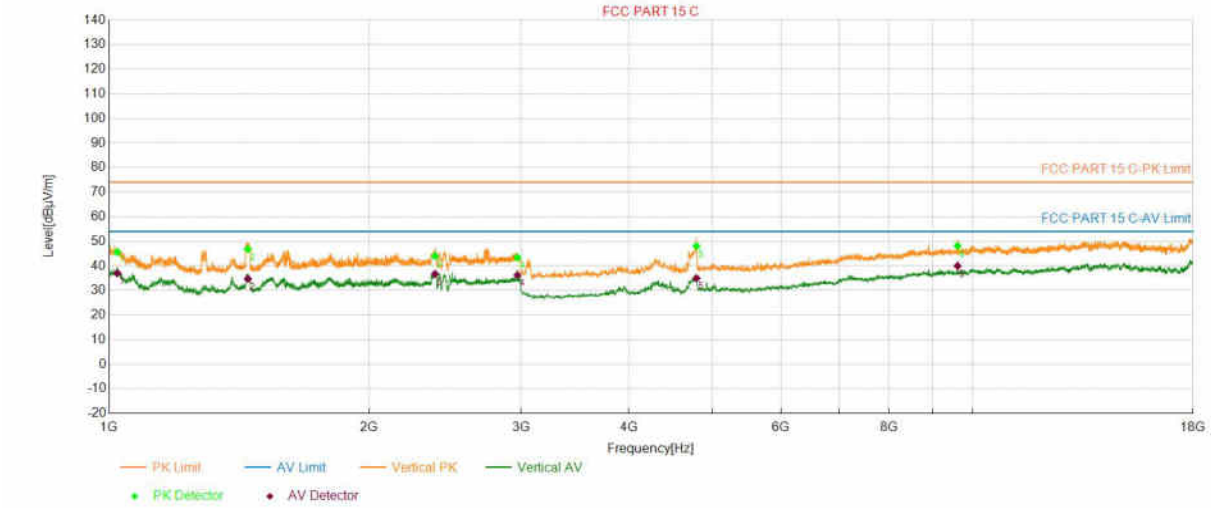
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1027.6055	-1.22	44.76	74.00	29.24	40.48	54.00	13.52	150	125	Horizontal
2	1545.3091	0.23	45.69	74.00	28.31	39.76	54.00	14.24	150	72	Horizontal
3	2401.8804	6.74	41.35	74.00	32.65	37.97	54.00	16.03	150	53	Horizontal
4	2970.3941	7.57	44.50	74.00	29.50	37.71	54.00	16.29	150	84	Horizontal
5	4803.3607	-5.02	45.03	74.00	28.97	35.20	54.00	18.80	150	62	Horizontal
6	9607.3215	7.90	50.22	74.00	23.78	41.10	54.00	12.90	150	124	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	3HD5_2402	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC PART 15 C			

Start of Test:2024-10-15 10:19:27

Test Graph



PK Final Data List

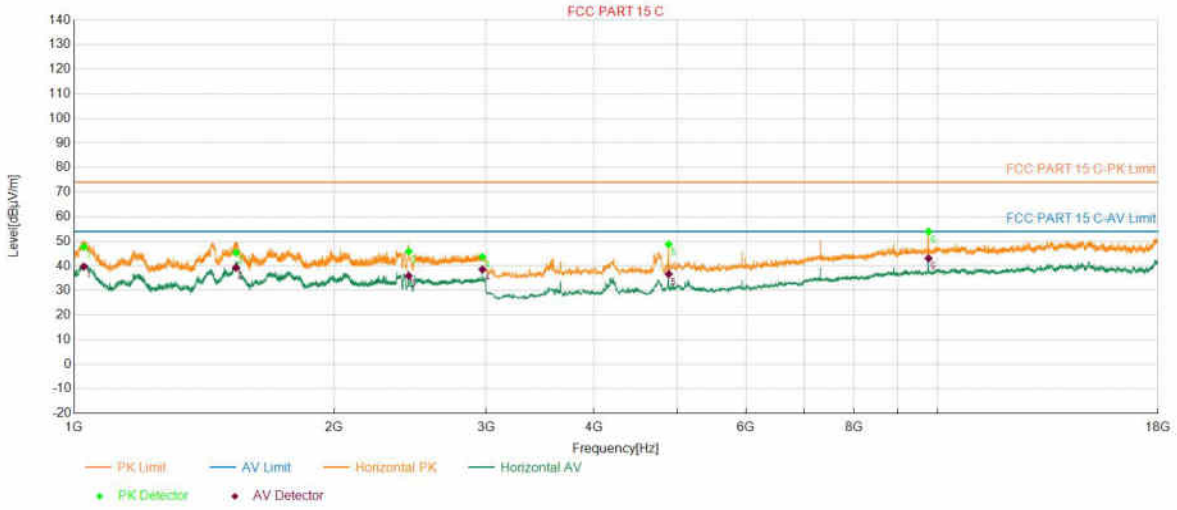
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1022.0044	-1.23	45.63	74.00	28.37	36.99	54.00	17.01	150	352	Vertical
2	1447.6895	-0.04	46.83	74.00	27.17	34.73	54.00	19.27	150	358	Vertical
3	2384.2769	6.93	44.01	74.00	29.99	36.72	54.00	17.28	150	360	Vertical
4	2970.3941	7.57	43.40	74.00	30.60	36.22	54.00	17.78	150	358	Vertical
5	4788.3577	-5.11	48.06	74.00	25.94	35.00	54.00	19.00	150	93	Vertical
6	9607.3215	7.90	48.13	74.00	25.87	39.97	54.00	14.03	150	114	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	3HD5_2441	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC PART 15 C			

Start of Test:2024-10-15 10:22:01

Test Graph



PK Final Data List

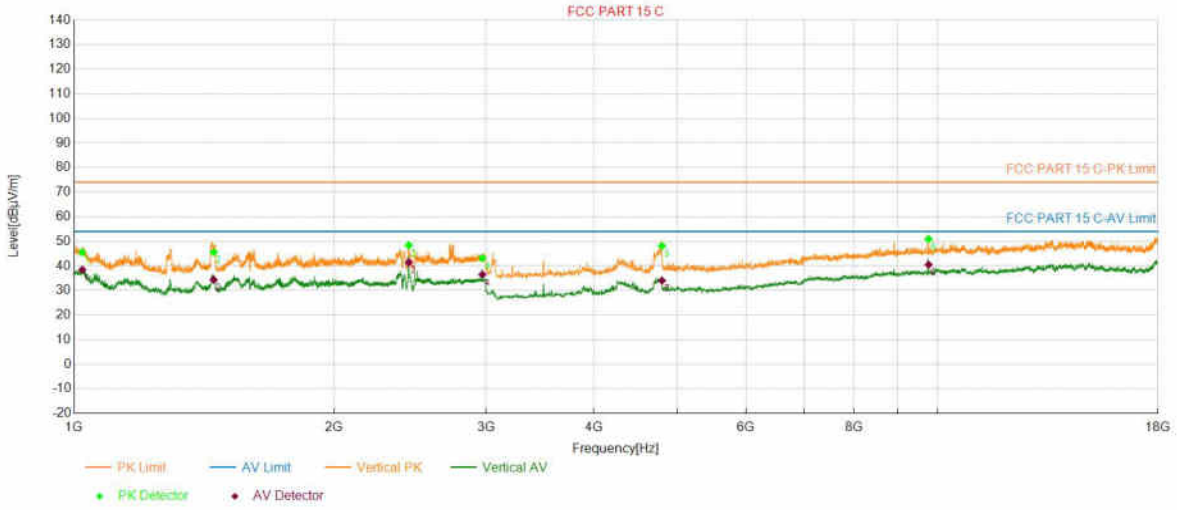
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1026.4053	-1.22	47.69	74.00	26.31	39.69	54.00	14.31	150	121	Horizontal
2	1539.7079	0.22	45.40	74.00	28.60	39.26	54.00	14.74	150	78	Horizontal
3	2441.0882	6.44	45.89	74.00	28.11	35.93	54.00	18.07	150	243	Horizontal
4	2970.3941	7.57	43.70	74.00	30.30	38.56	54.00	15.44	150	90	Horizontal
5	4881.3763	-4.43	48.73	74.00	25.27	36.68	54.00	17.32	150	116	Horizontal
6	9763.3527	8.45	53.98	74.00	20.02	43.06	54.00	10.94	150	125	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	3HD5_2441	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC PART 15 C			

Start of Test:2024-10-15 10:23:42

Test Graph



PK Final Data List

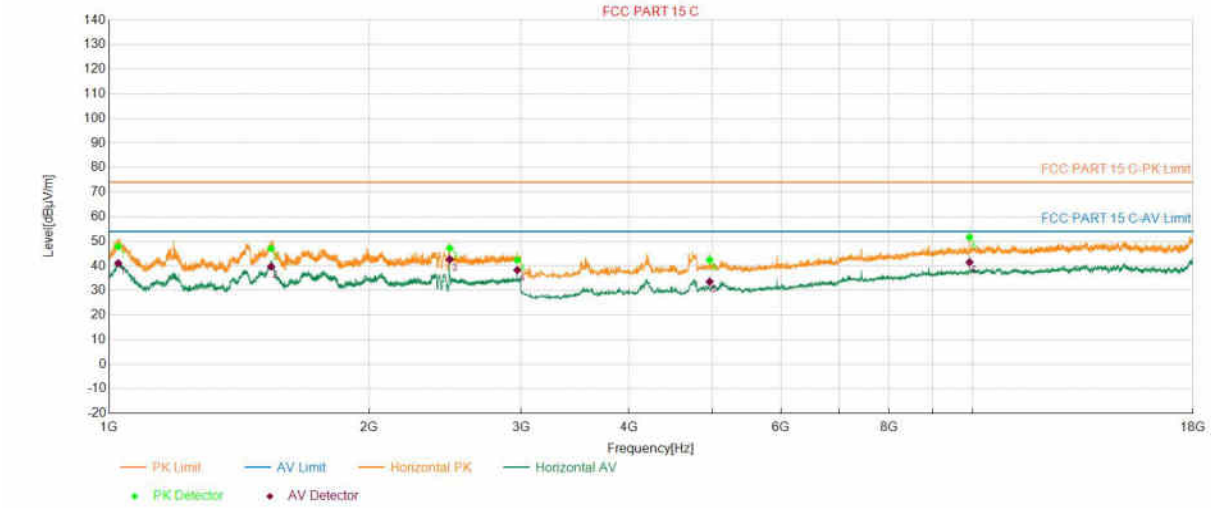
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1022.0044	-1.23	45.51	74.00	28.49	38.44	54.00	15.56	150	352	Vertical
2	1450.8902	-0.03	45.60	74.00	28.40	34.33	54.00	19.67	150	360	Vertical
3	2441.0882	6.44	48.37	74.00	25.63	41.44	54.00	12.56	150	215	Vertical
4	2970.3941	7.57	43.15	74.00	30.85	36.47	54.00	17.53	150	2	Vertical
5	4794.3589	-5.08	48.12	74.00	25.88	34.04	54.00	19.96	150	102	Vertical
6	9763.3527	8.45	50.95	74.00	23.05	40.51	54.00	13.49	150	123	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	3HD5_2480	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC PART 15 C			

Start of Test:2024-10-15 10:25:45

Test Graph



PK Final Data List

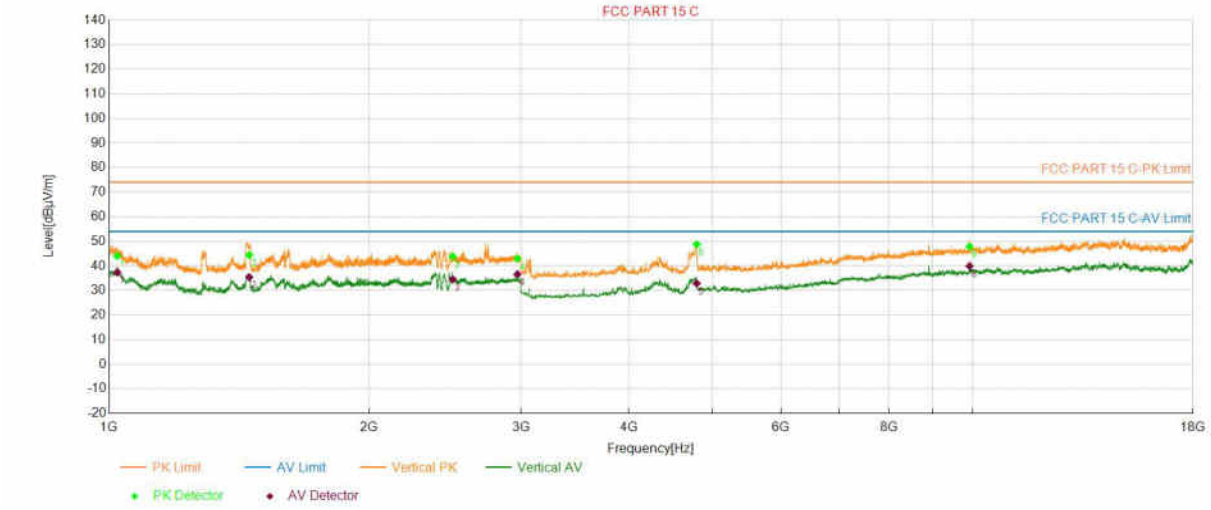
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1024.4049	-1.23	47.82	74.00	26.18	41.13	54.00	12.87	150	120	Horizontal
2	1540.1080	0.22	47.07	74.00	26.93	39.69	54.00	14.31	150	78	Horizontal
3	2479.8960	6.17	47.21	74.00	26.79	42.65	54.00	11.35	150	235	Horizontal
4	2969.9940	7.56	42.38	74.00	31.62	38.33	54.00	15.67	150	89	Horizontal
5	4959.3919	-4.16	42.45	74.00	31.55	33.58	54.00	20.42	150	105	Horizontal
6	9919.3839	8.46	51.68	74.00	22.32	41.53	54.00	12.47	150	117	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	3HD5_2480	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC PART 15 C			

Start of Test:2024-10-15 10:27:14

Test Graph



PK Final Data List

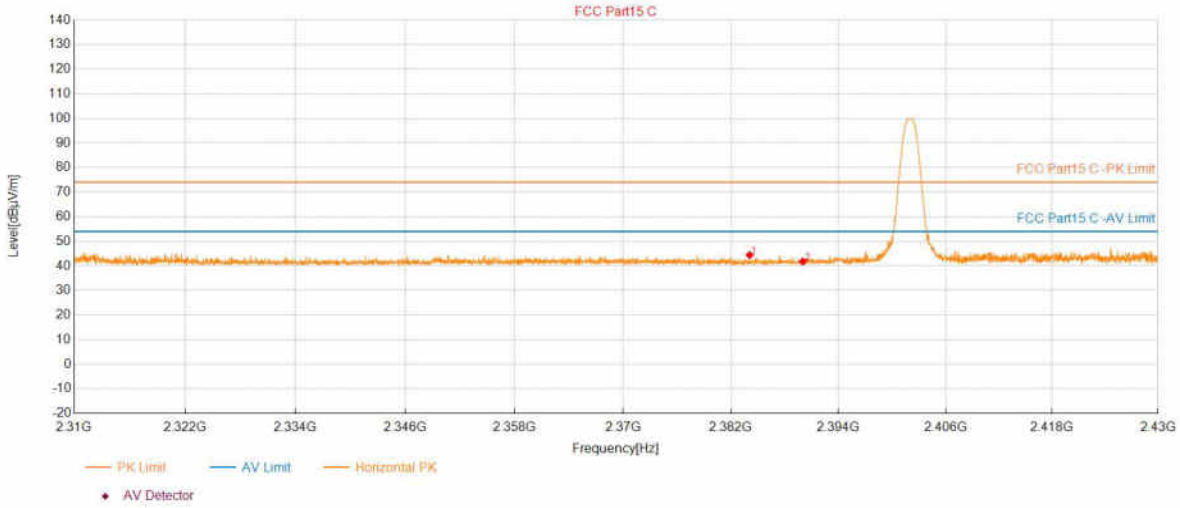
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1022.0044	-1.23	44.08	74.00	29.92	37.35	54.00	16.65	150	351	Vertical
2	1452.8906	-0.02	44.44	74.00	29.56	35.40	54.00	18.60	150	358	Vertical
3	2500.3001	6.01	43.82	74.00	30.18	34.52	54.00	19.48	150	225	Vertical
4	2970.3941	7.57	42.98	74.00	31.02	36.60	54.00	17.40	150	2	Vertical
5	4791.3583	-5.09	48.76	74.00	25.24	32.87	54.00	21.13	150	95	Vertical
6	9919.3839	8.46	47.87	74.00	26.13	39.92	54.00	14.08	150	114	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	DH5_2402	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC Part15 C			

Start of Test:2024-10-15 10:41:35

Test Graph



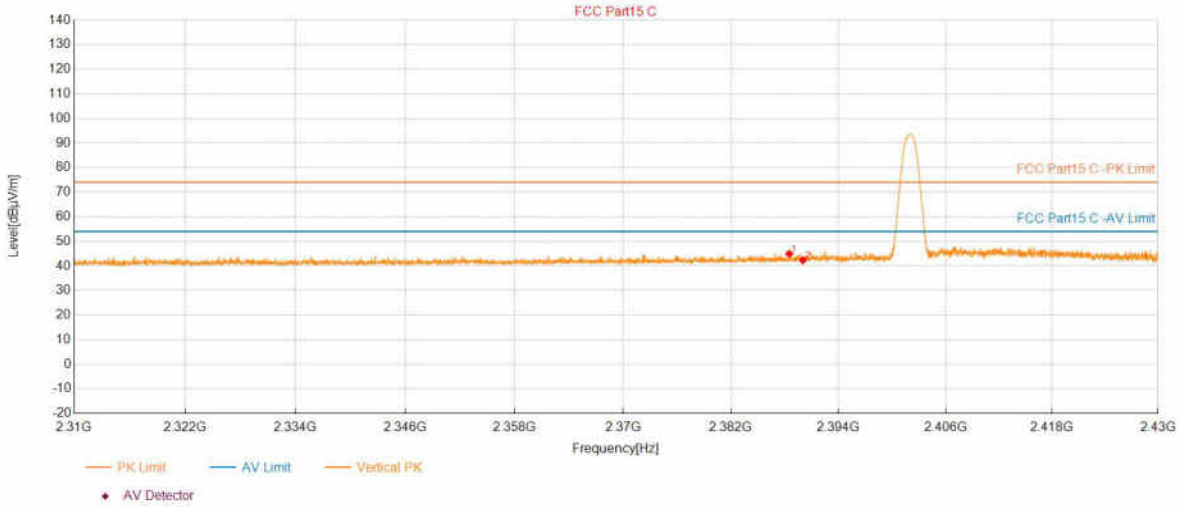
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2384.0788	44.44	74.00	29.56	150	87	Horizontal
2	2390.0080	41.79	74.00	32.21	150	2	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	DH5_2402	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC Part15 C			

Start of Test:2024-10-15 10:42:26

Test Graph



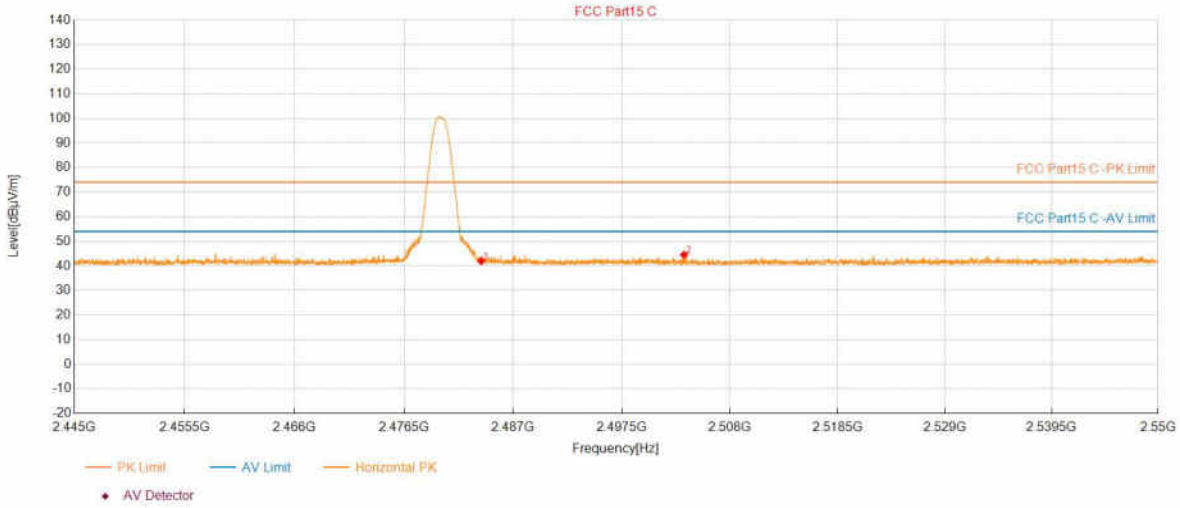
Suspected Data List						
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Polarity
1	2388.4957	44.91	74.00	29.09	150	Vertical
2	2390.0080	42.29	74.00	31.71	150	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	DH5_2480	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC Part15 C			

Start of Test:2024-10-15 10:44:28

Test Graph



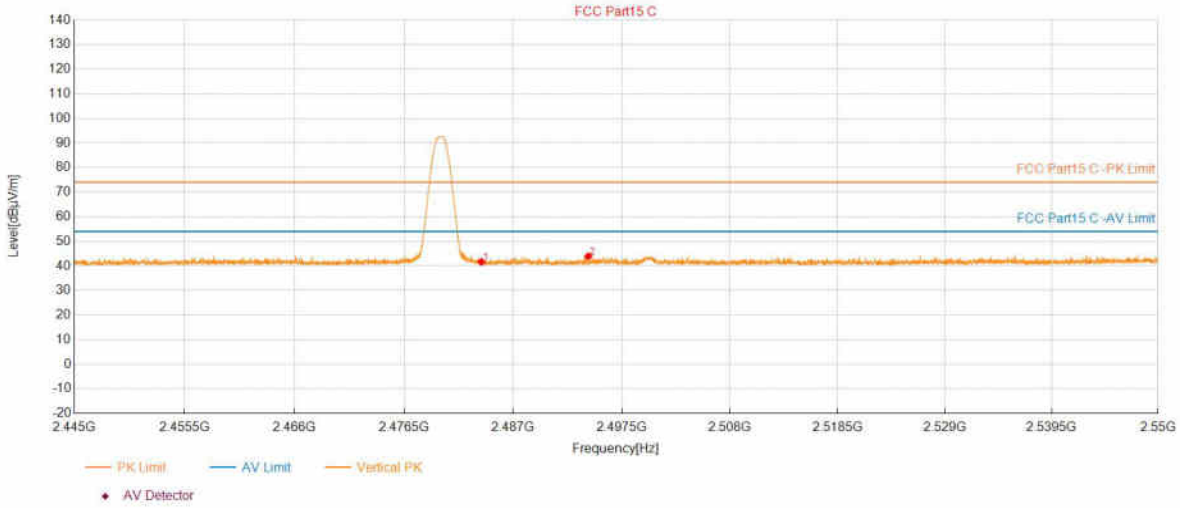
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.9208	41.93	74.00	32.07	150	194	Horizontal
2	2503.5387	44.52	74.00	29.48	150	194	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	DH5_2480	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC Part15 C			

Start of Test:2024-10-15 10:45:15

Test Graph



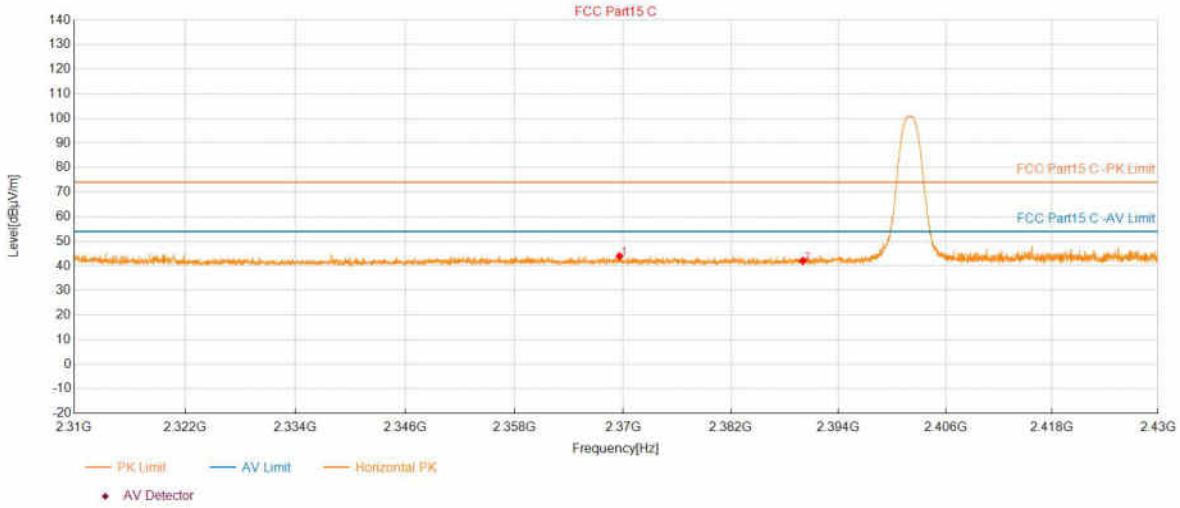
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.9418	41.63	74.00	32.37	150	351	Vertical
2	2494.2549	43.91	74.00	30.09	150	351	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	2DH5_2402	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC Part15 C			

Start of Test:2024-10-15 10:46:59

Test Graph



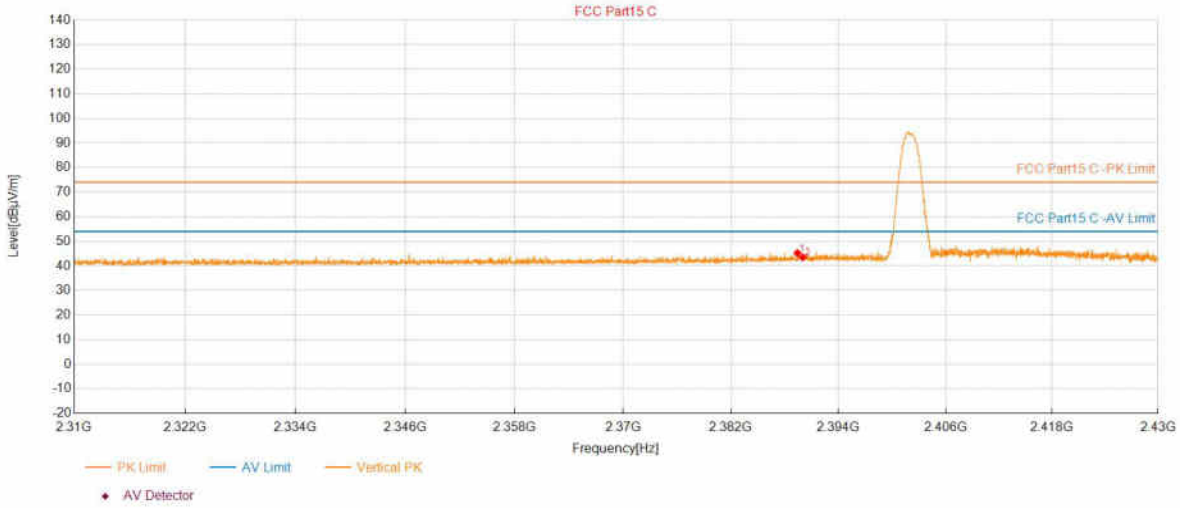
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2369.6279	43.97	74.00	30.03	150	93	Horizontal
2	2390.0080	42.07	74.00	31.93	150	253	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	2DH5_2402	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC Part15 C			

Start of Test:2024-10-15 10:47:49

Test Graph



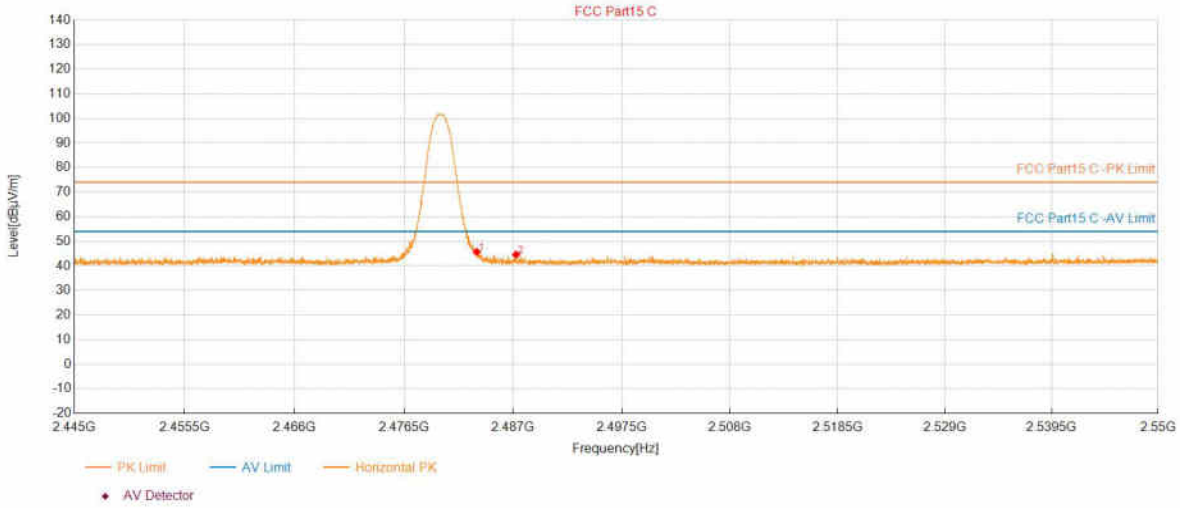
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2389.4079	45.23	74.00	28.77	150	1	Vertical
2	2390.0080	43.51	74.00	30.49	150	0	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	2DH5_2480	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC Part15 C			

Start of Test:2024-10-15 10:51:39

Test Graph



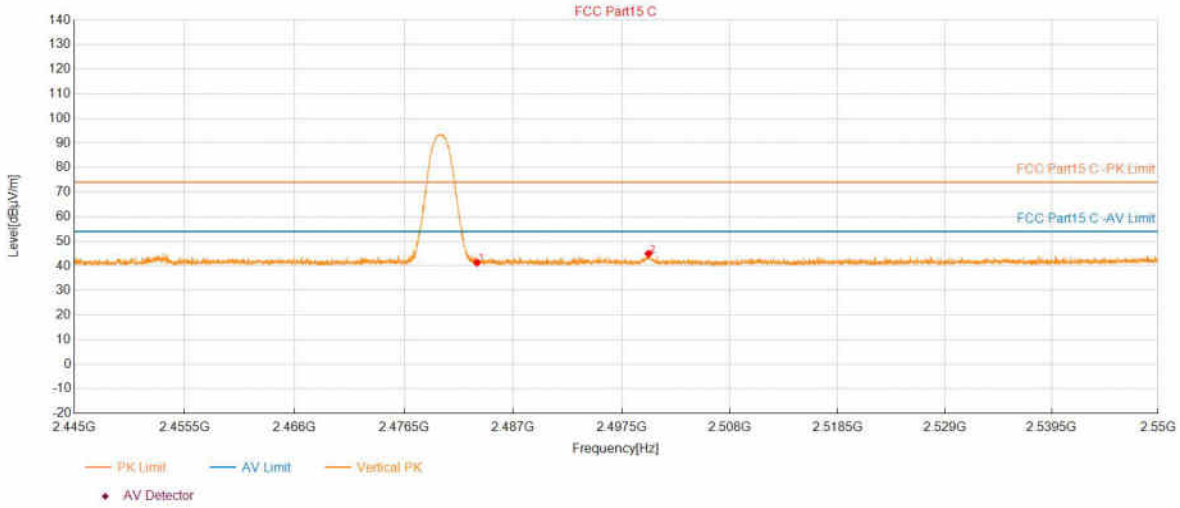
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.5007	45.69	74.00	28.31	150	236	Horizontal
2	2487.2815	44.58	74.00	29.42	150	193	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	2DH5_2480	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC Part15 C			

Start of Test:2024-10-15 10:52:26

Test Graph



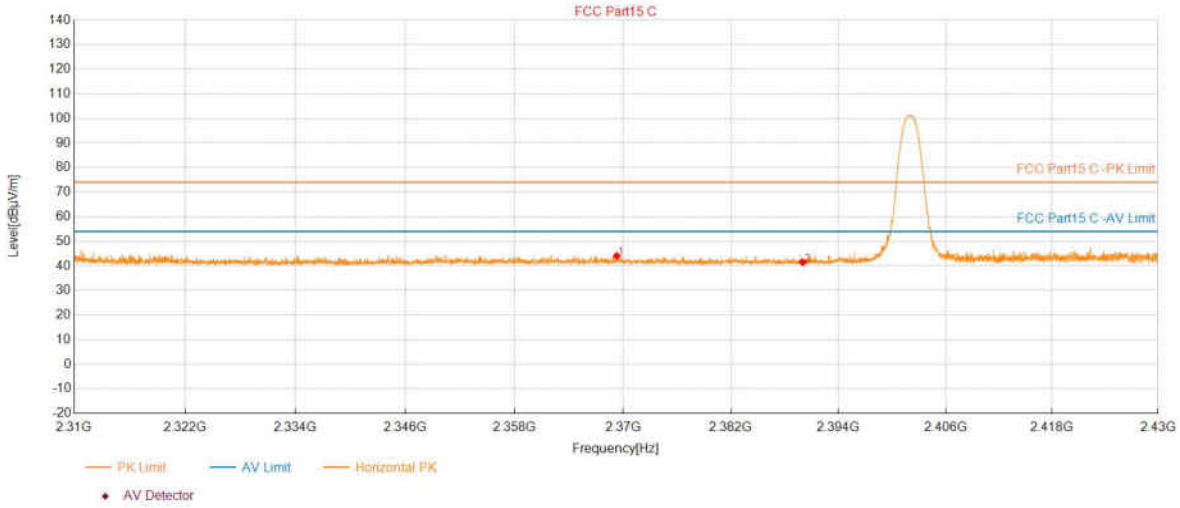
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.5007	41.36	74.00	32.64	150	175	Vertical
2	2500.0940	44.97	74.00	29.03	150	156	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	3DH5_2402	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC Part15 C			

Start of Test:2024-10-15 10:54:44

Test Graph



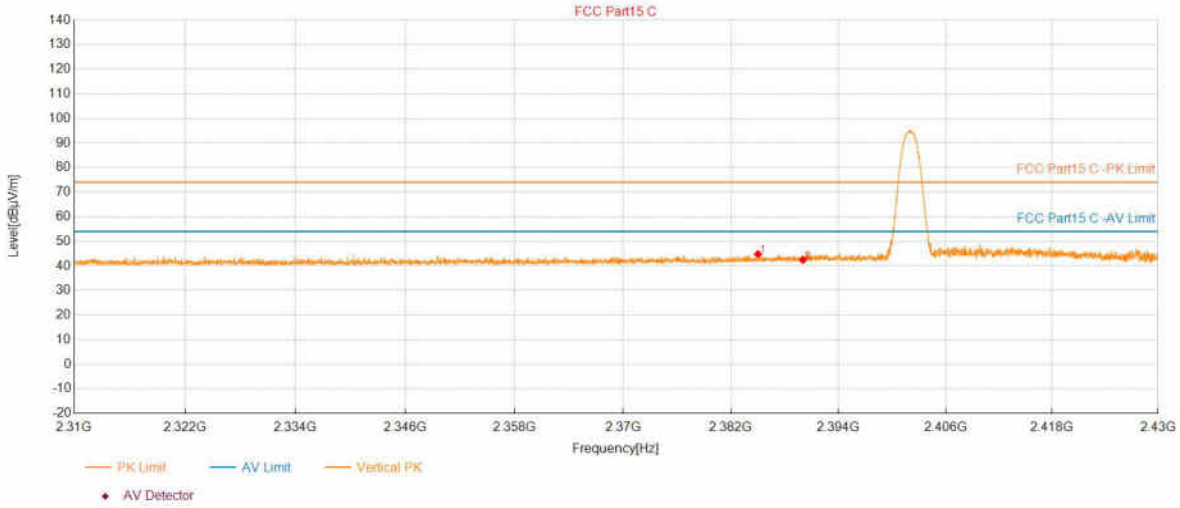
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2369.3159	44.04	74.00	29.96	150	90	Horizontal
2	2390.0080	41.51	74.00	32.49	150	106	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	3DH5_2402	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC Part15 C			

Start of Test:2024-10-15 10:55:35

Test Graph



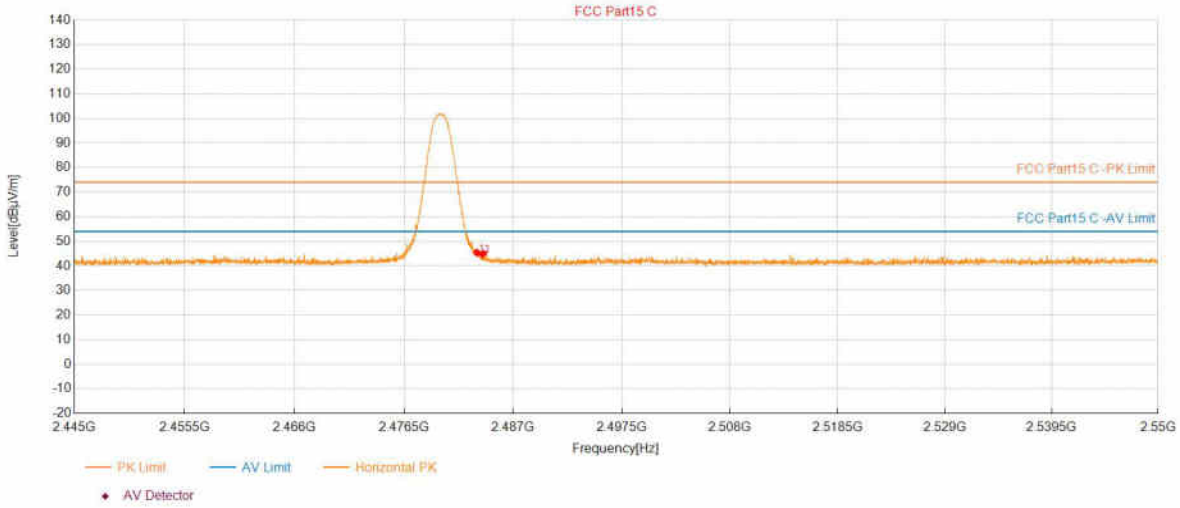
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2385.0150	44.81	74.00	29.19	150	0	Vertical
2	2390.0080	42.47	74.00	31.53	150	358	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	3DH5_2480	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC Part15 C			

Start of Test:2024-10-15 10:57:55

Test Graph



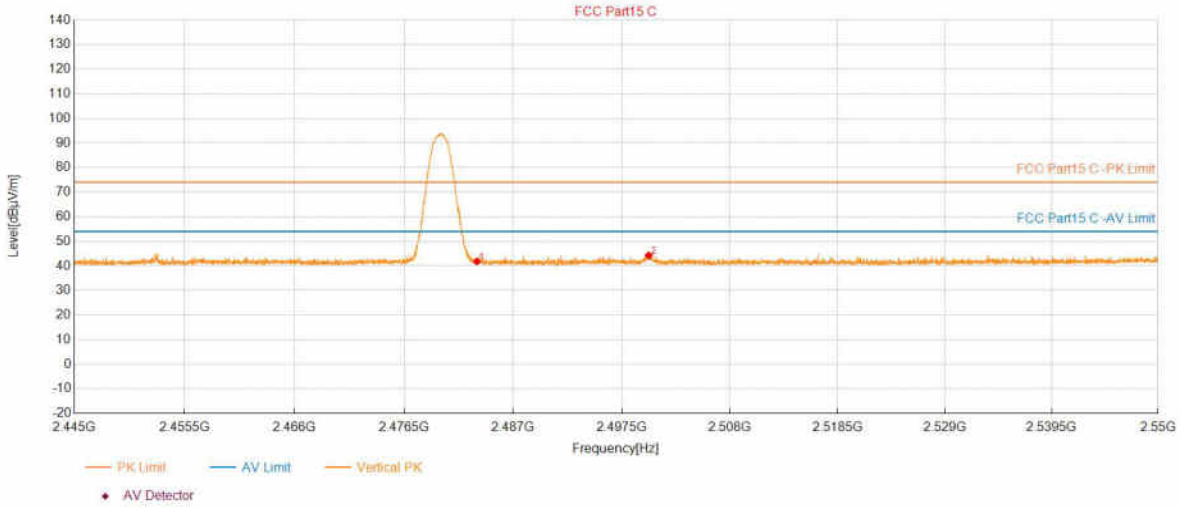
Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.5007	45.41	74.00	28.59	150	240	Horizontal
2	2484.0888	44.92	74.00	29.08	150	249	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	3DH5_2480	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:default		
Test Standard: FCC Part15 C			

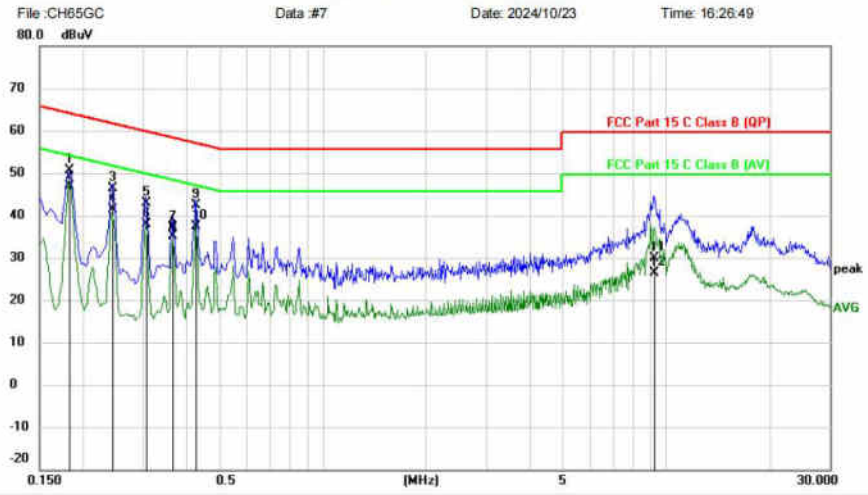
Start of Test:2024-10-15 10:58:41

Test Graph



Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.5007	41.83	74.00	32.17	150	345	Vertical
2	2500.1150	44.25	74.00	29.75	150	351	Vertical

APPENDIX C – AC Power Line Conducted Emission Test Data

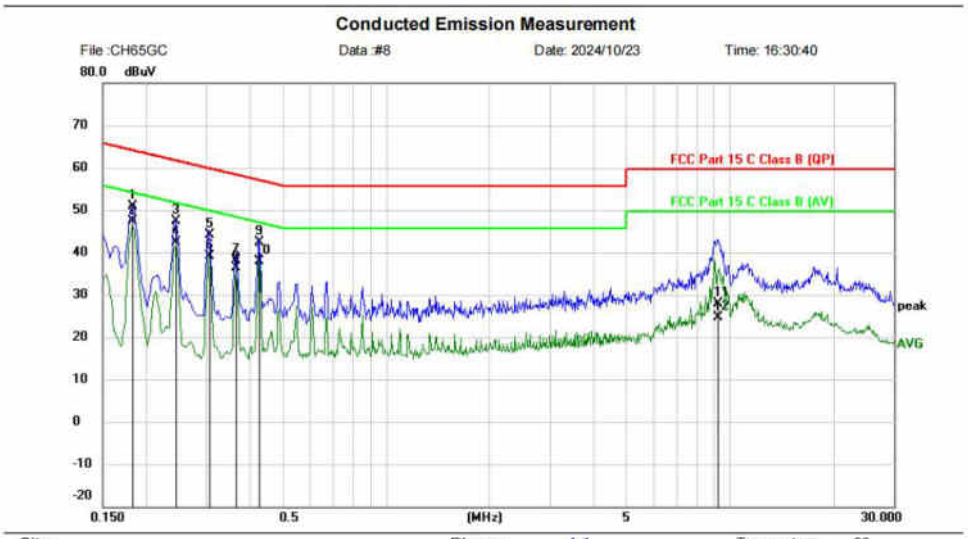


Site
Limit: FCC Part 15 C Class B (QP)
EUT:
M/N: CH65GC
Mode: BT
Note:

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		0.1833	41.00	9.54	50.54	64.33	-13.79	QP	
2	*	0.1833	37.46	9.54	47.00	54.33	-7.33	AVG	
3		0.2444	36.91	9.56	46.47	61.95	-15.48	QP	
4		0.2444	31.74	9.56	41.30	51.95	-10.65	AVG	
5		0.3055	33.36	9.57	42.93	60.09	-17.16	QP	
6		0.3055	28.37	9.57	37.94	50.09	-12.15	AVG	
7		0.3667	27.52	9.58	37.10	58.58	-21.48	QP	
8		0.3667	25.53	9.58	35.11	48.58	-13.47	AVG	
9		0.4276	32.90	9.59	42.49	57.30	-14.81	QP	
10		0.4276	27.89	9.59	37.48	47.30	-9.82	AVG	
11		9.2223	19.96	9.96	29.92	60.00	-30.08	QP	
12		9.2223	16.36	9.96	26.32	50.00	-23.68	AVG	



Site
Limit: FCC Part 15 C Class B (QP)
EUT:
M/N: CH65GC
Mode: BT
Note:

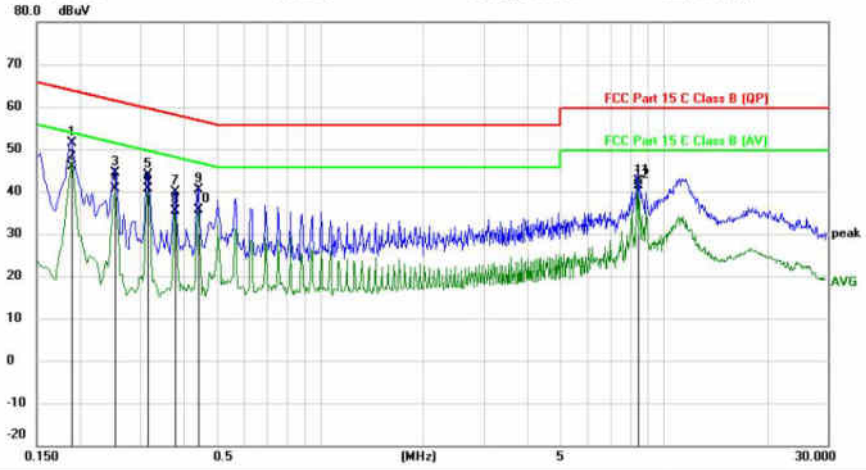
Phase: L1
Power: AC 120V/60Hz

Temperature: 26
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1833	41.26	9.55	50.81	64.33	-13.52	QP	
2	*	0.1833	37.94	9.55	47.49	54.33	-6.84	AVG	
3		0.2443	37.76	9.57	47.33	61.95	-14.62	QP	
4		0.2443	32.81	9.57	42.38	51.95	-9.57	AVG	
5		0.3057	34.50	9.58	44.08	60.09	-16.01	QP	
6		0.3057	29.50	9.58	39.08	50.09	-11.01	AVG	
7		0.3664	28.65	9.58	38.23	58.58	-20.35	QP	
8		0.3664	26.74	9.58	36.32	48.58	-12.26	AVG	
9		0.4275	32.84	9.60	42.44	57.30	-14.86	QP	
10		0.4275	28.29	9.60	37.89	47.30	-9.41	AVG	
11		9.2193	18.01	9.95	27.96	60.00	-32.04	QP	
12		9.2193	14.78	9.95	24.73	50.00	-25.27	AVG	

Conducted Emission Measurement

File :CH75GC Data :#10 Date: 2024/10/24 Time: 11:51:09



Site Phase: N Temperature: 26

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

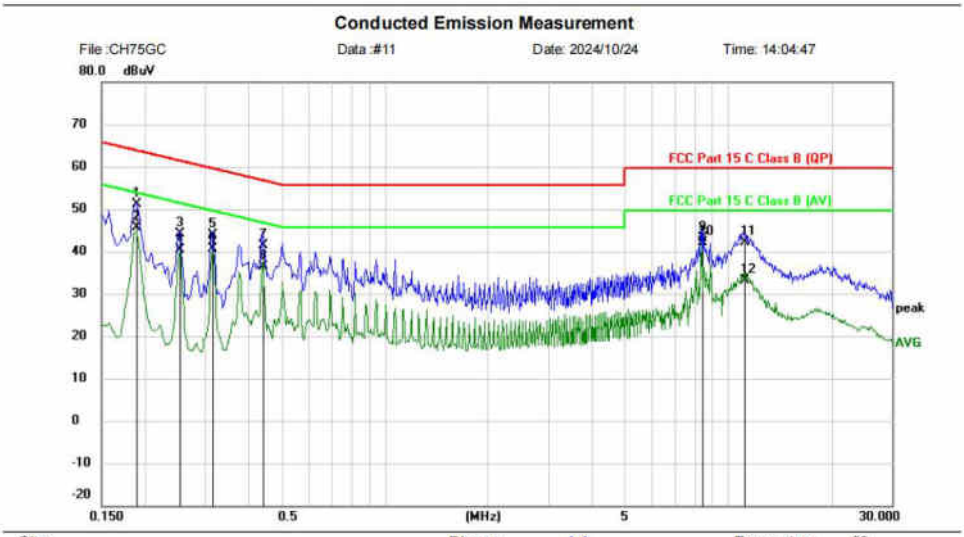
EUT:

M/N: CH75GC

Mode: BT

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1898	41.73	9.55	51.28	64.05	-12.77	QP	
2	*	0.1898	36.38	9.55	45.93	54.05	-8.12	AVG	
3		0.2526	34.81	9.57	44.38	61.67	-17.29	QP	
4		0.2526	31.11	9.57	40.68	51.67	-10.99	AVG	
5		0.3163	34.42	9.57	43.99	59.80	-15.81	QP	
6		0.3163	30.96	9.57	40.53	49.80	-9.27	AVG	
7		0.3785	30.18	9.58	39.76	58.31	-18.55	QP	
8		0.3785	25.87	9.58	35.45	48.31	-12.86	AVG	
9		0.4421	30.70	9.59	40.29	57.02	-16.73	QP	
10		0.4421	26.02	9.59	35.61	47.02	-11.41	AVG	
11		8.3695	32.56	9.93	42.49	60.00	-17.51	QP	
12		8.3695	31.53	9.93	41.46	50.00	-8.54	AVG	



Site
Limit: FCC Part 15 C Class B (QP)
EUT:
M/N: CH75GC
Mode: BT
Note:

Phase: L1
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		0.1900	41.49	9.55	51.04	64.04	-13.00	QP	
2		0.1900	36.10	9.55	45.65	54.04	-8.39	AVG	
3		0.2524	34.45	9.57	44.02	61.68	-17.66	QP	
4		0.2524	30.75	9.57	40.32	51.68	-11.36	AVG	
5		0.3153	34.36	9.58	43.94	59.83	-15.89	QP	
6		0.3153	30.94	9.58	40.52	49.83	-9.31	AVG	
7		0.4423	31.72	9.60	41.32	57.02	-15.70	QP	
8		0.4423	26.77	9.60	36.37	47.02	-10.65	AVG	
9		8.3697	33.31	9.93	43.24	60.00	-16.76	QP	
10	*	8.3697	32.28	9.93	42.21	50.00	-7.79	AVG	
11		11.1805	32.23	10.00	42.23	60.00	-17.77	QP	
12		11.1805	23.07	10.00	33.07	50.00	-16.93	AVG	

END OF REPORT