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.

14.5. Original Test Data

AC Power Line Conducted Emission Test Data Refer to appendix C

15. Dynamic Frequency Selection

15.1. Applicability of DFS Requirements

A U-NII network will employ a DFS function to detect signals from radar systems and to avoid co-channel operation with these systems. This applies to the 5250-5350 MHz and/or 5470-5725 MHz bands.

Within the context of the operation of the DFS function, a U-NII device will operate in either Master Mode or Client Mode. U-NII devices operating in Client Mode can only operate in a network controlled by a U-NII device operating in Master Mode.

Table 1: Applicability of DFS Requirements Prior to Use of a Channel

Requirement	Operational Mode		
	☐Master	☒Client Without Radar Detection	☐Client with Radar Detection
Non-Occupancy Period	Yes	Not required	Yes
DFS Detection Threshold	Yes	Not required	Yes
Channel Availability Check Time	Yes	Not required	Not required
U-NII Detection Bandwidth	Yes	Not required	Yes

Table 2: Applicability of DFS requirements during normal operation

Requirement	Operational Mode	
	☐Master Device or Client with Radar Detection	☒Client Without Radar Detection
DFS Detection Threshold	Yes	Not required
Channel Closing Transmission Time	Yes	Yes
Channel Move Time	Yes	Yes
U-NII Detection Bandwidth	Yes	Not required

Additional requirements for devices with multiple bandwidth modes	☐Master Device or Client with Radar Detection	☒Client Without Radar Detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required
Note: Frequencies selected for statistical performance check should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.		

15.2. Limit

(1) DFS Detection Thresholds

Table 3: DFS Detection Thresholds for Master Devices and Client Devices with Radar Detection

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP ≥ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna. Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KdB Publication 662911 D01.	

(2) DFS Response Requirements

Table 4: DFS Response Requirement Values

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1.
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.
Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required facilitating a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.	

15.3. Parameters of Radar Test Waveform

This section provides the parameters for required test waveforms, minimum percentage of successful detection, and the minimum number of trials that must be used for determining DFS conformance. Step intervals of 0.1 microsecond for Pulse Width, 1 microsecond for PRI, 1 MHz for chirp width and 1 for the

number of pulses will be utilized for the random determination of specific test waveforms.

Table 5 Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A	$\text{Roundup}\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot10^6}{\text{PRI}_{\mu\text{sec}}}\right)\right\}$	60%	30
		Test B			
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120

Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.

Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a

Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A

A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 2 through 4. If more than 30 waveforms are used for Short Pulse Radar Types 2 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms. If more than 30 waveforms are used for Short Pulse Radar Type 1, then each additional waveform is generated with Test B and must also be unique and not repeated from the previous waveforms in Tests A or B. Test aggregate is average of the percentage of successful detections of short pulse radar types 1-4

15.4. Calibration of Radar Waveform

Radar Waveform Calibration Procedure:

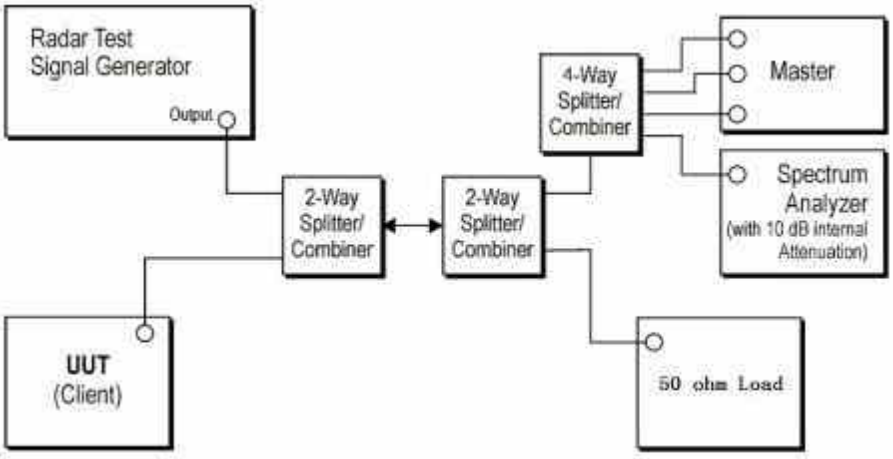
A 50 ohm load is connected in place of the spectrum analyzer, and the spectrum analyzer is connected to place of the master

The interference Radar Detection Threshold Level is -62dBm + 0dBi +1dB = -61dBm that had been taken into account the output power range and antenna gain.

The following equipment setup was used to calibrate the conducted radar waveform. A vector signal generator was utilized to establish the test signal level for radar type 0. During this process there were no transmissions by either the master or client device. The spectrum analyzer was switched to the zero spans (time domain) at the frequency of the radar waveform generator. Peak detection was used. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) were set to 3 MHz. The spectrum analyzer had offset -1.0dB to compensate RF cable loss 1.0dB.

The vector signal generator amplitude was set so that the power level measured at the spectrum analyzer was - -62dBm + 0dBi +1dB = -61dBm. Capture the spectrum analyzer plots on short pulse radar waveform.

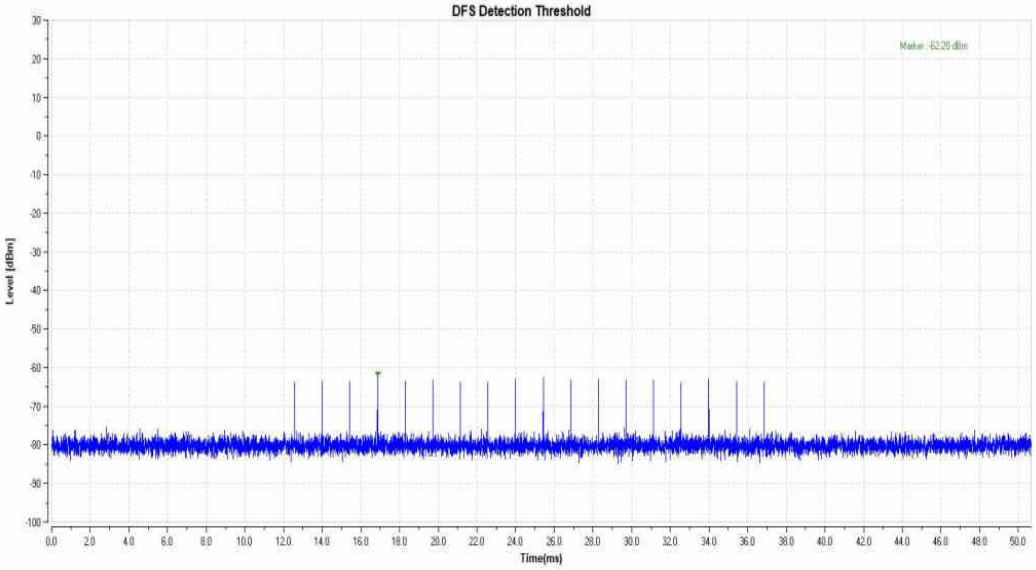
Conducted Calibration Setup:



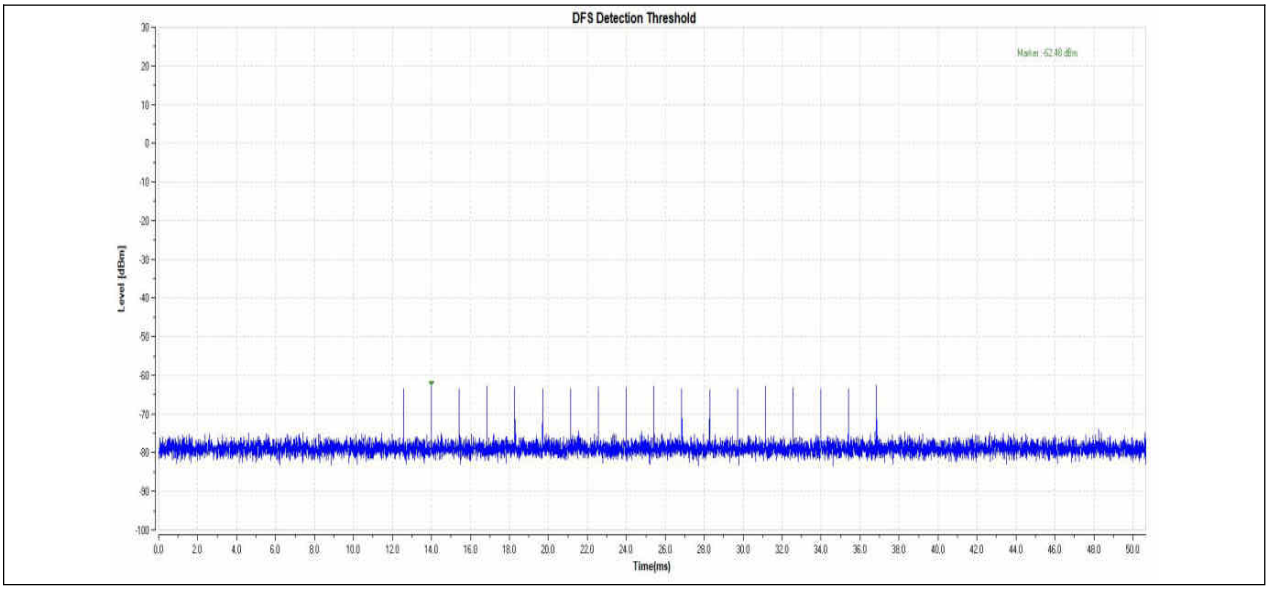
Note: 1. Use the software "Web" to set the frequency channel.
2. EUT is not support TPC and not with Radar detection.
Radar Waveform Calibration Result:
Radar Type 0

TestMode	Frequency(dbm)	Radar Type	Result	Limit(dbm)	Verdict
11AC80MIMO	5290	Type0	-62.20	-57.44	PASS
	5530	Type0	-62.48	-57.44	PASS

11AC80SISO_5290_Type0



11AC80SISO_5530_Type0



15.5. Channel Closing Transmission Time, Channel Move Time and Non-Occupancy Period

Block diagram of test setup Test Procedure:

The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.

The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.

A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.

EUT will associate with the master at channel. The file “iperf.exe” specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Test Software in order to properly load the network for the entire period of the test.

When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.

Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.

Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the

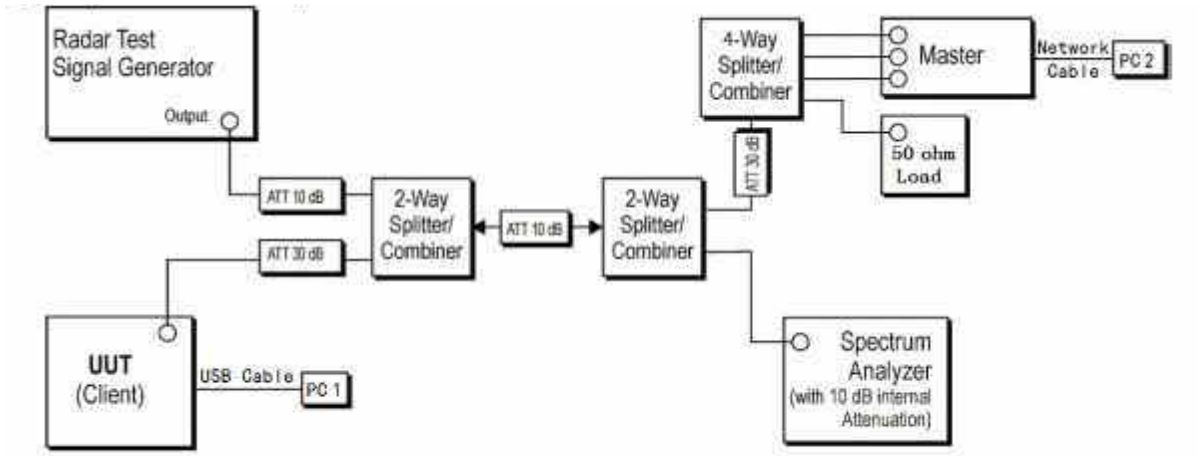
spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: Dwell (0.3ms) =S (12000ms) / B (4000); where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: C (ms)= N X Dwell (0.3ms); where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.

Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

15.6. Test Setup

Setup for Client with injection at the Master

Master Name	Brand Name	Model Name	FCC ID	Run-up Time(s)
ROG Rapture Tri-band Gaming Router	ASUS	GT-AXE11000	MSQ-RTAXJF00	90

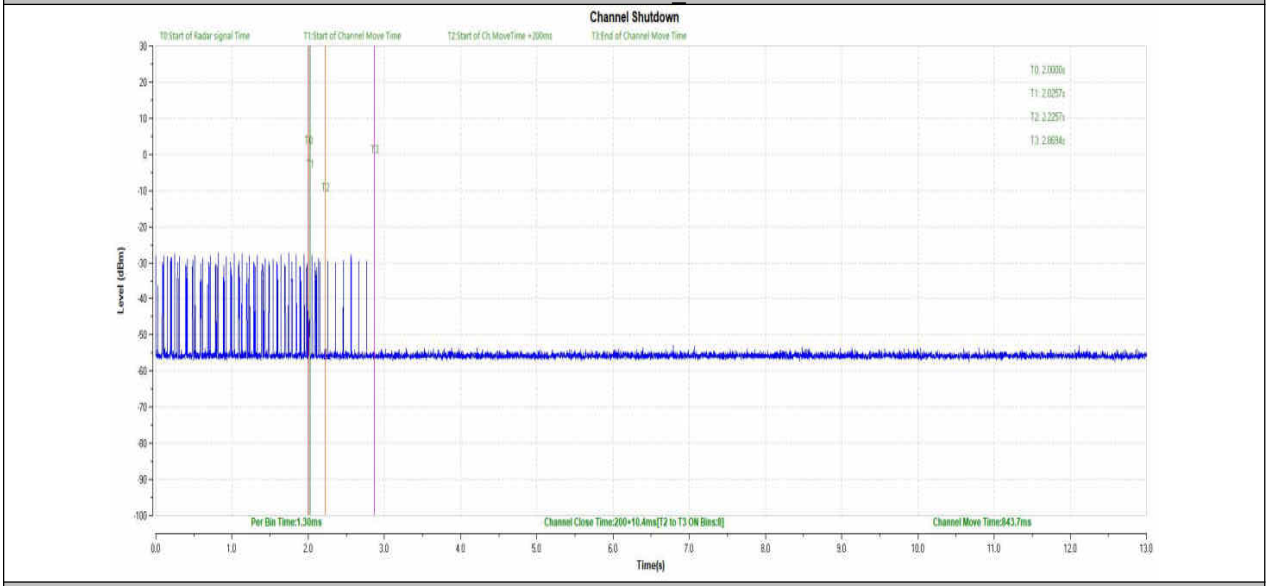


15.7. Test Result

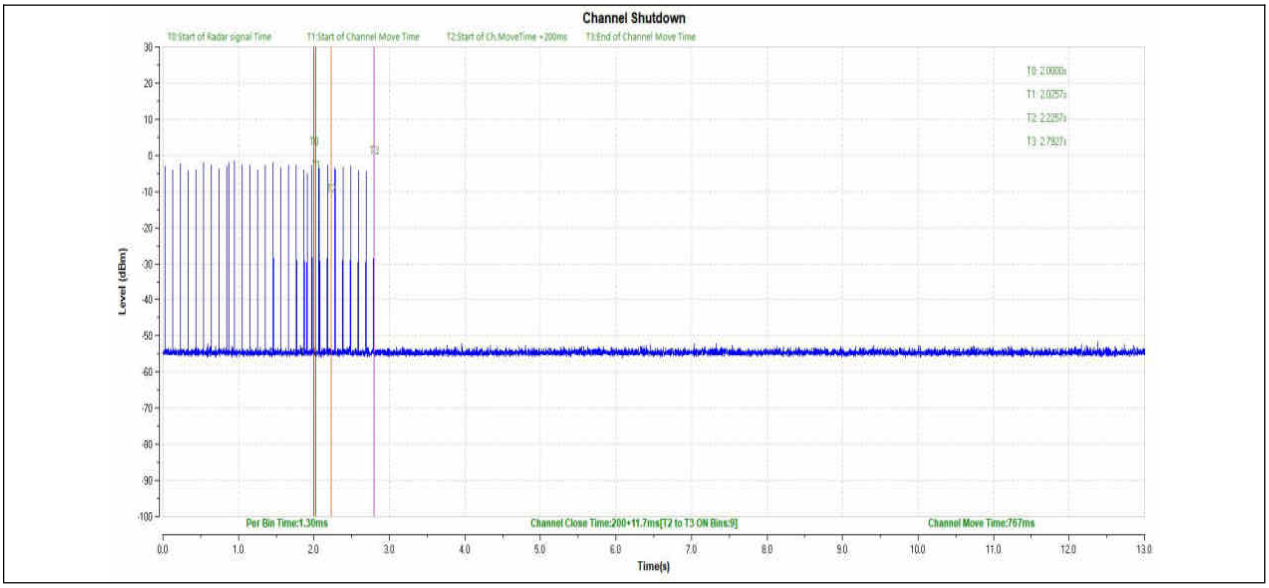
TestMode	Frequency(MHz)	CCTT(ms)	Limit(ms)	CMT(ms)	Limit(ms)	Verdict
11AC80MIMO	5290	200+10.4	200+60	843.7	10000	PASS
	5530	200+11.7	200+60	767	10000	PASS

15.8. Original Test Data

11AC80SISO_5290



11AC80SISO_5530


Channel Shutdown
T0:Start of Radar signal Time
T1:Start of Channel Move Time
T2:Start of Ch.MoveTime +200ms
T3:End of Channel Move Time
T0: 2.0000s
T1: 2.0257s
T2: 2.2257s
T3: 2.7927s
Level (dBm)
Per Bin Time:1.30ms
Channel Close Time:200+11.7ms[T2 to T3 ON Bins:9]
Channel Move Time:767ms
Time(s)

16. Antenna Requirements

16.1. 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.

16.2. 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 3.35 dBi

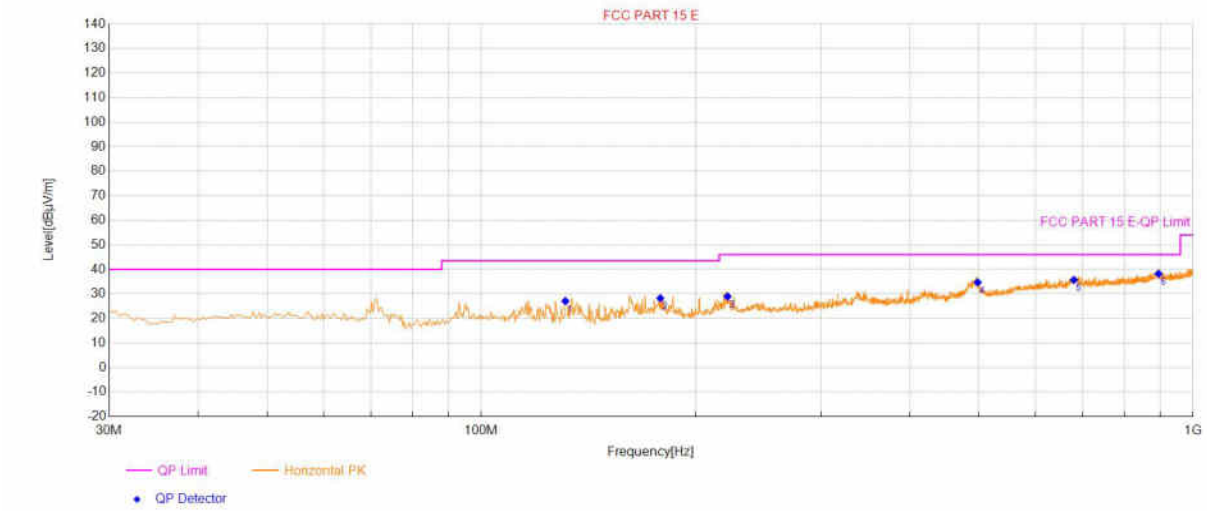
APPENDIX A – Radiated Emission Below 1GHz Test Data

Test Report

Project Information			
EUT:		Environment:	
Model:	CH65GC	SN:	
Mode:	11AC40_5550	Voltage:	AC120V/60Hz
Customer:		Engineer:	Fly Liao
Remark:	power set:2 1 0 17		

Start of Test: 2024-10-13

Test Graph



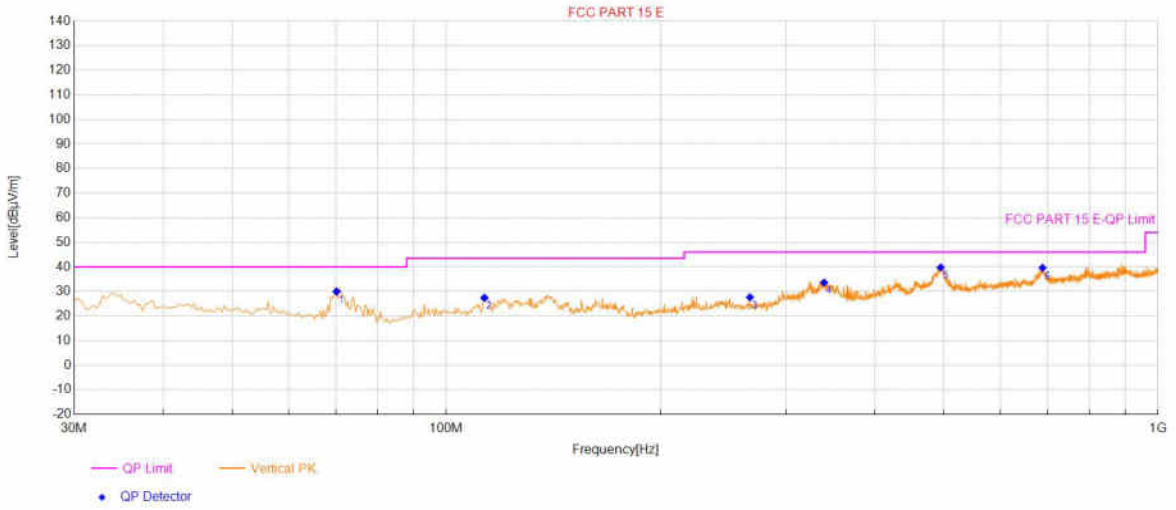
Final Data List								
NO.	Frequency (MHz)	QP Value (dBµV/m)	QP Limit (dBµV/m)	QP Margin (dB)	Height (cm)	Angle (°)	Polarity	Verdict
1	131.2371	27.07	43.50	16.43	100	7	Horizontal	PASS
2	178.4595	28.24	43.50	15.26	100	329	Horizontal	PASS
3	221.8006	28.98	46.00	17.02	100	15	Horizontal	PASS
4	498.3428	34.72	46.00	11.28	100	152	Horizontal	PASS
5	680.1167	35.69	46.00	10.31	100	229	Horizontal	PASS
6	894.5582	38.20	46.00	7.80	100	236	Horizontal	PASS

Test Report

Project Information			
EUT:		Environment:	
Model:	CH65GC	SN:	
Mode:	11AC40_5550	Voltage:	AC120V/60Hz
Customer:		Engineer:	Fly Liao
Remark:	power set:2 1 0 17		

Start of Test: 2024-10-13

Test Graph



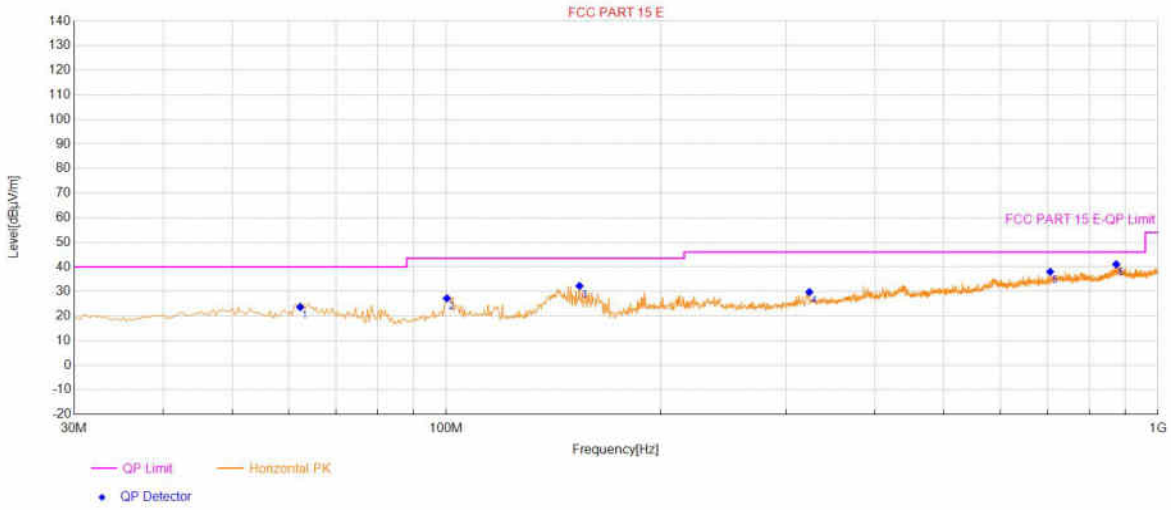
Final Data List								
NO.	Frequency (MHz)	QP Value (dBµV/m)	QP Limit (dBµV/m)	QP Margin (dB)	Height (cm)	Angle (°)	Polarity	Verdict
1	70.1067	29.99	40.00	10.01	100	23	Vertical	PASS
2	113.1244	27.43	43.50	16.07	100	4	Vertical	PASS
3	267.0824	27.63	46.00	18.37	100	33	Vertical	PASS
4	339.5332	33.63	46.00	12.37	100	328	Vertical	PASS
5	495.1084	39.76	46.00	6.24	100	1	Vertical	PASS
6	688.2027	39.62	46.00	6.38	100	0	Vertical	PASS

Test Report

Project Information			
EUT:		Environment:	22.3℃;47%
Model:	CH75GC	SN:	
Mode:	11AC40_5550	Voltage:	AC120V/60Hz
Customer:		Engineer:	Fly Liao
Remark:	power set:2 1 0 17		

Start of Test: 2024-10-15

Test Graph



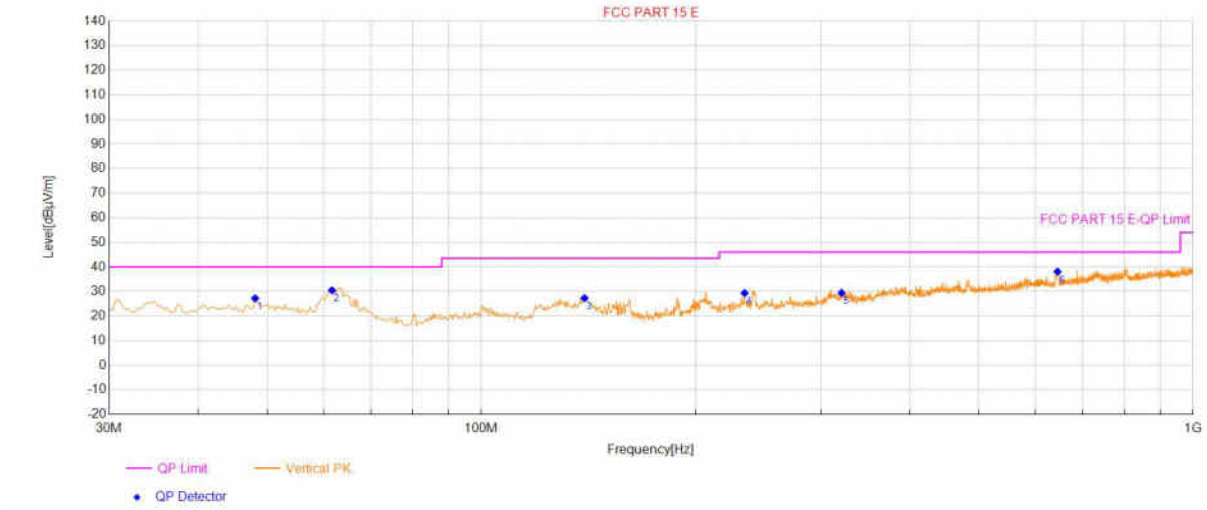
Final Data List								
NO.	Frequency (MHz)	QP Value (dBµV/m)	QP Limit (dBµV/m)	QP Margin (dB)	Height (cm)	Angle (°)	Polarity	Verdict
1	62.3441	23.64	40.00	16.36	100	89	Horizontal	PASS
2	100.1867	27.25	43.50	16.25	100	359	Horizontal	PASS
3	153.8780	32.26	43.50	11.24	100	56	Horizontal	PASS
4	323.6846	29.78	46.00	16.22	100	301	Horizontal	PASS
5	705.3451	38.04	46.00	7.96	100	65	Horizontal	PASS
6	873.5345	41.07	46.00	4.93	100	114	Horizontal	PASS

Test Report

Project Information			
EUT:		Environment:	22.3℃;47%
Model:	CH75GC	SN:	
Mode:	11AC40_5550	Voltage:	AC120V/60Hz
Customer:		Engineer:	Fly Liao
Remark:	power set:2 1 0 17		

Start of Test: 2024-10-15

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	48.1127	27.23	40.00	12.77	100	358	Vertical	PASS
2	61.6972	30.45	40.00	9.55	100	1	Vertical	PASS
3	139.6465	27.30	43.50	16.20	100	263	Vertical	PASS
4	234.4148	29.36	46.00	16.64	100	169	Vertical	PASS
5	320.7736	29.42	46.00	16.58	100	150	Vertical	PASS
6	645.1851	38.07	46.00	7.93	100	212	Vertical	PASS

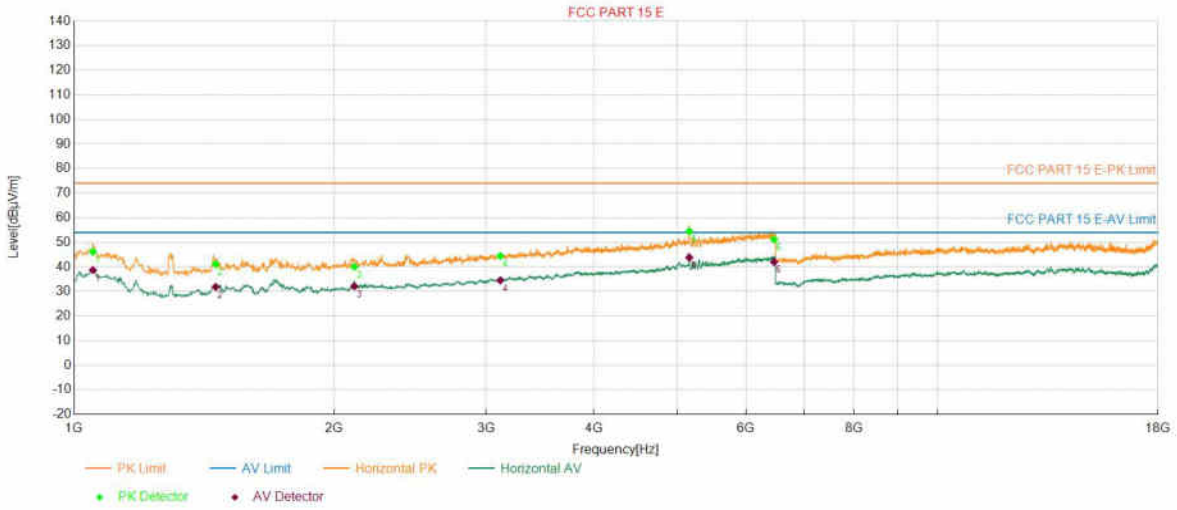
APPENDIX B – Radiated Emission Above 1GHz Test Data

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	11AC40_5190	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 17		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-13 09:53:08

Test Graph



PK Final Data List

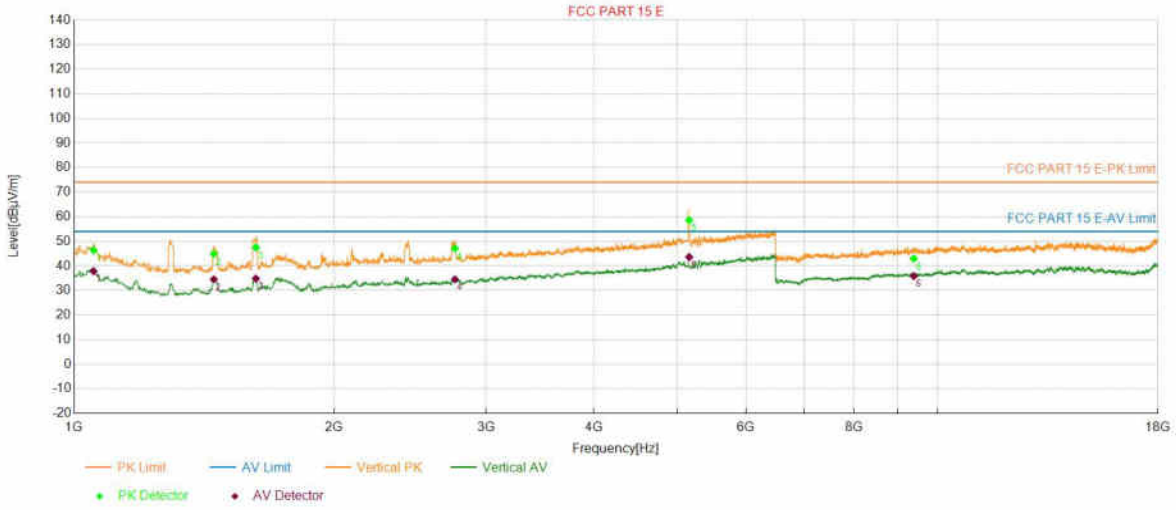
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1051.3505	-0.95	46.15	74.00	27.85	38.68	54.00	15.32	150	157	Horizontal
2	1458.4862	0.28	41.14	74.00	32.86	31.86	54.00	22.14	150	42	Horizontal
3	2111.3705	3.35	40.06	74.00	33.94	32.09	54.00	21.91	150	241	Horizontal
4	3116.3721	8.64	44.46	74.00	29.54	34.51	54.00	19.49	150	186	Horizontal
5	5157.5525	16.74	54.49	74.00	19.51	43.80	54.00	10.20	150	212	Horizontal
6	6465.1551	20.56	51.24	74.00	22.76	42.02	54.00	11.98	150	359	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	11AC40_5190	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 17		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-13 09:54:49

Test Graph



PK Final Data List

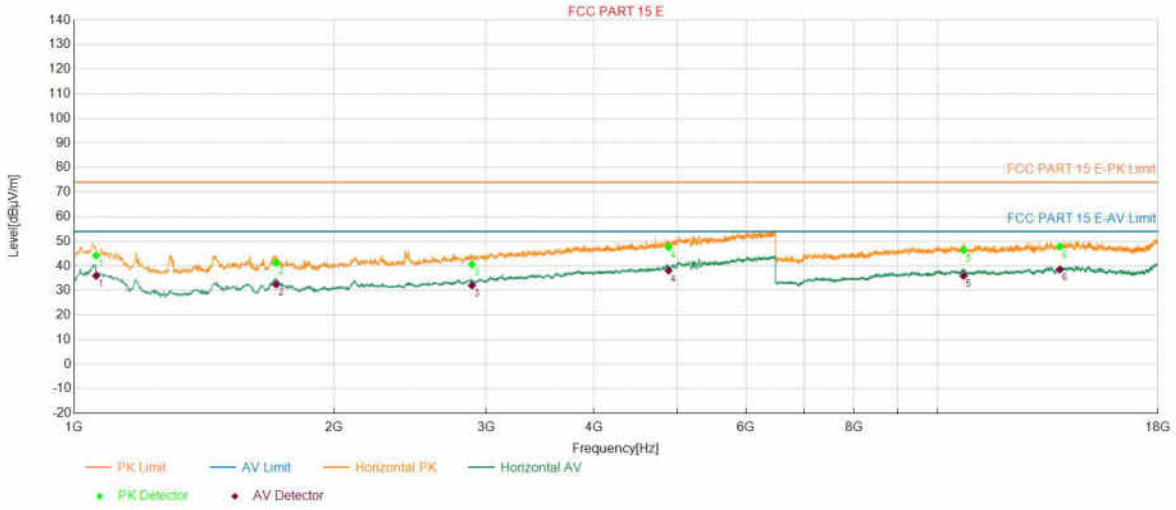
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1053.1844	-0.95	46.43	74.00	27.57	37.84	54.00	16.16	150	193	Vertical
2	1451.1504	0.27	44.91	74.00	29.09	34.53	54.00	19.47	150	203	Vertical
3	1623.5412	0.61	47.50	74.00	26.50	34.88	54.00	19.12	150	360	Vertical
4	2760.5869	6.61	47.17	74.00	26.83	34.55	54.00	19.45	150	26	Vertical
5	5155.7186	16.73	58.60	74.00	15.40	43.59	54.00	10.41	150	186	Vertical
6	9383.6279	8.11	42.98	74.00	31.02	35.85	54.00	18.15	150	194	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	11AC40_5230	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 20		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-13 09:59:19

Test Graph



PK Final Data List

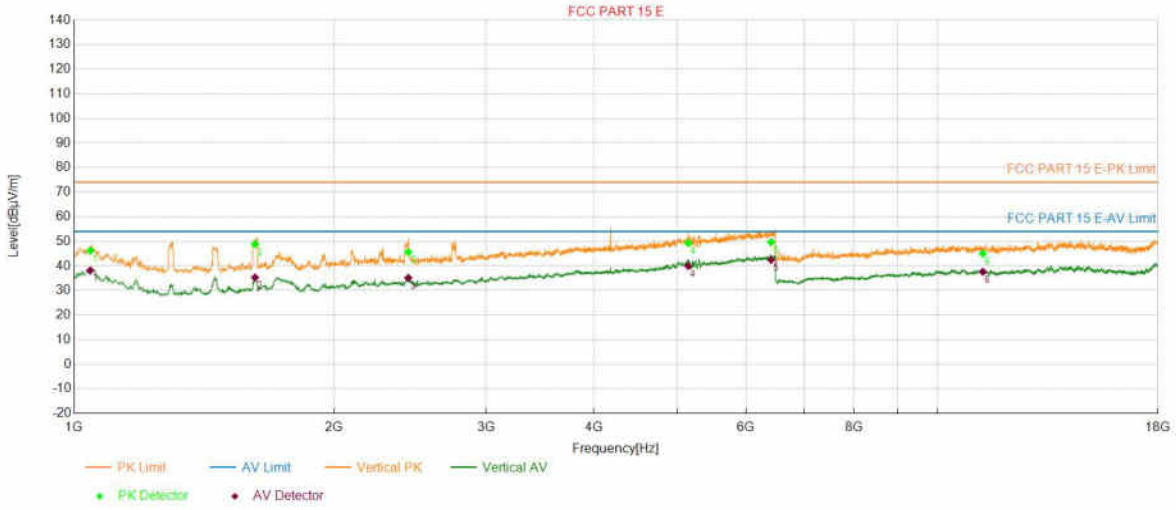
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1060.5202	-0.93	44.22	74.00	29.78	35.98	54.00	18.02	150	146	Horizontal
2	1713.4045	0.67	41.23	74.00	32.77	32.46	54.00	21.54	150	204	Horizontal
3	2888.9630	7.53	40.57	74.00	33.43	32.10	54.00	21.90	150	280	Horizontal
4	4880.6269	15.46	47.57	74.00	26.43	38.11	54.00	15.89	150	223	Horizontal
5	10718.0727	10.17	46.47	74.00	27.53	35.96	54.00	18.04	150	22	Horizontal
6	13850.9503	14.49	47.82	74.00	26.18	38.51	54.00	15.49	150	22	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	11AC40_5230	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 20		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-13 10:00:47

Test Graph



PK Final Data List

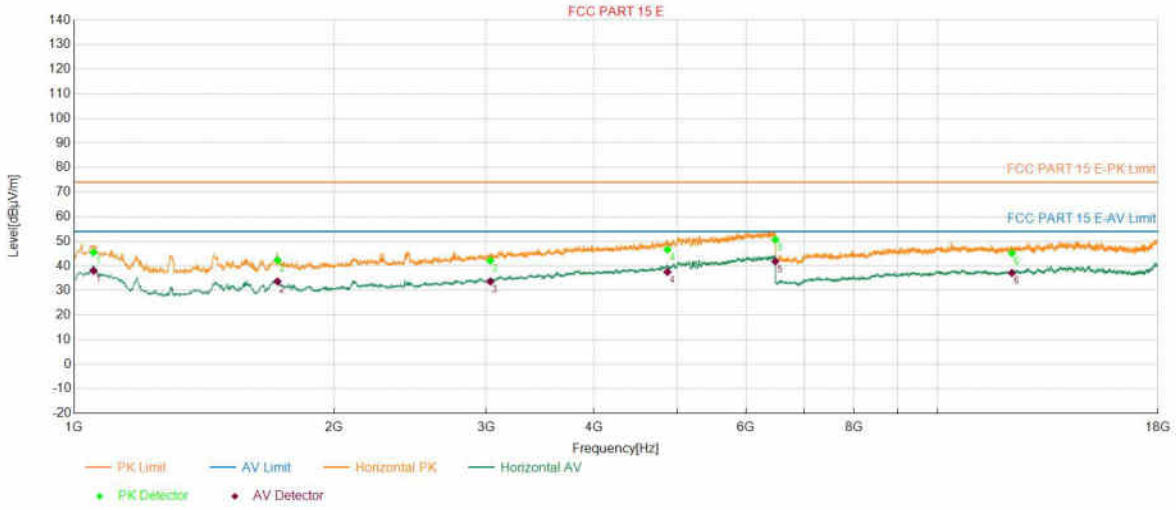
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1044.0147	-0.97	46.23	74.00	27.77	38.15	54.00	15.85	150	186	Vertical
2	1619.8733	0.60	48.83	74.00	25.17	35.29	54.00	18.71	150	3	Vertical
3	2437.8126	4.61	45.59	74.00	28.41	35.14	54.00	18.86	150	3	Vertical
4	5142.8810	16.71	49.31	74.00	24.69	39.98	54.00	14.02	150	140	Vertical
5	6415.6385	20.35	49.66	74.00	24.34	42.46	54.00	11.54	150	160	Vertical
6	11281.7606	10.76	45.03	74.00	28.97	37.62	54.00	16.38	150	147	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	11AC40_5270	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 20		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-13 10:03:14

Test Graph



PK Final Data List

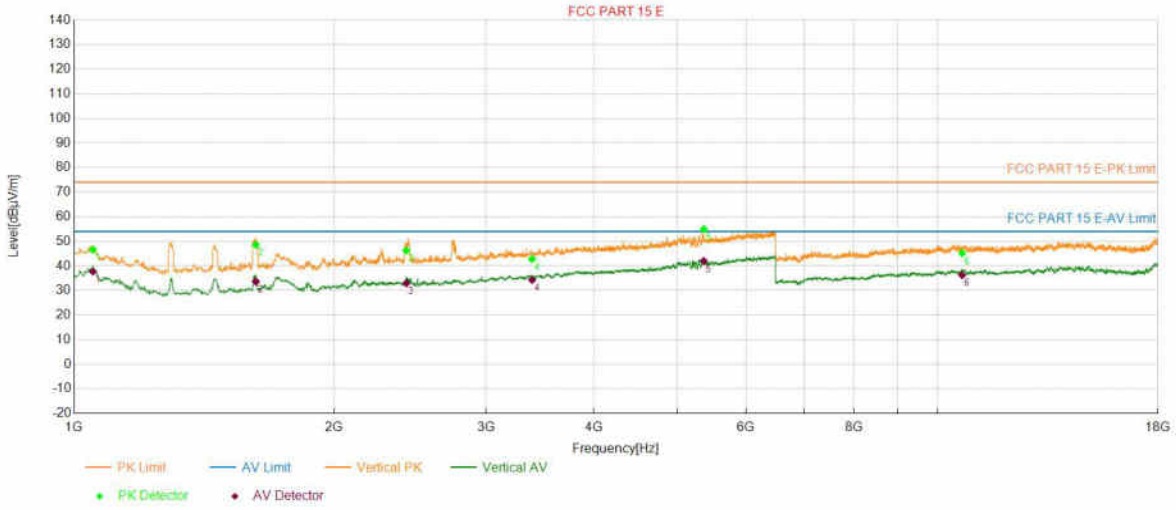
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1053.1844	-0.95	45.52	74.00	28.48	38.03	54.00	15.97	150	111	Horizontal
2	1720.7402	0.67	42.33	74.00	31.67	33.63	54.00	20.37	150	222	Horizontal
3	3033.8446	8.33	42.17	74.00	31.83	33.63	54.00	20.37	150	360	Horizontal
4	4865.9553	15.39	46.66	74.00	27.34	37.54	54.00	16.46	150	72	Horizontal
5	6487.1624	20.65	50.67	74.00	23.33	41.86	54.00	12.14	150	72	Horizontal
6	12194.3981	11.22	45.17	74.00	28.83	37.15	54.00	16.85	150	326	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	11AC40_5270	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 20		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-13 10:04:44

Test Graph



PK Final Data List

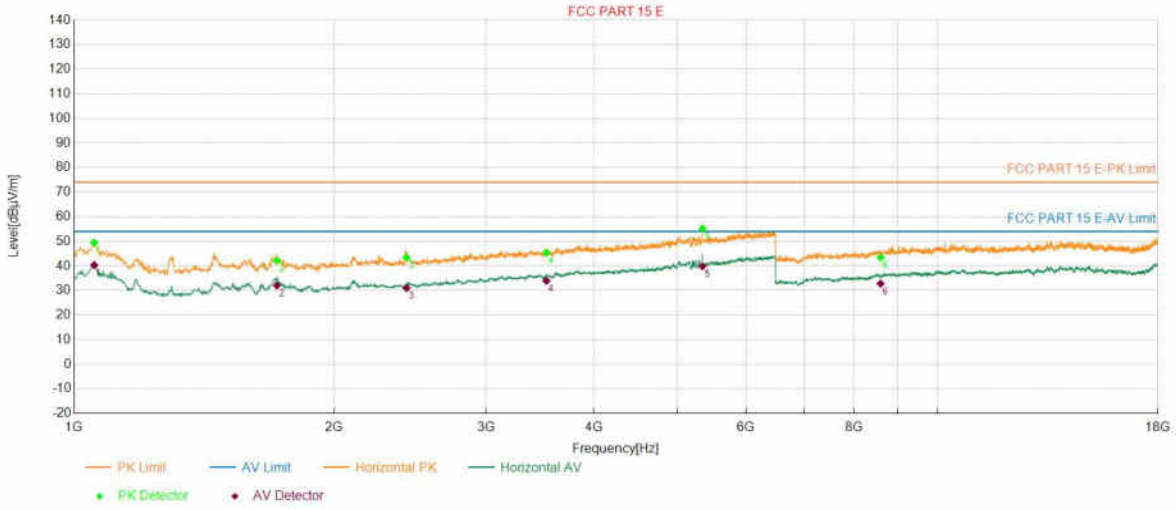
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1051.3505	-0.95	46.61	74.00	27.39	37.72	54.00	16.28	150	186	Vertical
2	1623.5412	0.61	48.57	74.00	25.43	33.63	54.00	20.37	150	360	Vertical
3	2424.9750	4.54	46.28	74.00	27.72	32.95	54.00	21.05	150	360	Vertical
4	3391.4638	9.58	42.82	74.00	31.18	34.29	54.00	19.71	150	146	Vertical
5	5361.1204	17.28	54.99	74.00	19.01	41.96	54.00	12.04	150	186	Vertical
6	10675.8920	9.97	45.20	74.00	28.80	36.25	54.00	17.75	150	168	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	11AC40_5310	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 20		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-13 10:06:49

Test Graph



PK Final Data List

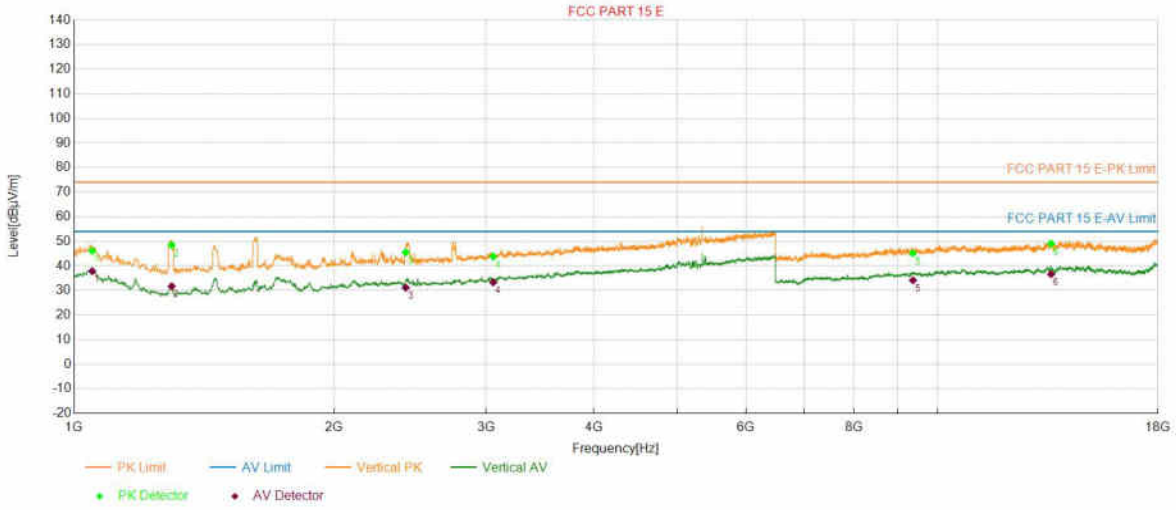
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1055.0183	-0.94	49.50	74.00	24.50	40.31	54.00	13.69	150	146	Horizontal
2	1717.0724	0.66	42.17	74.00	31.83	32.04	54.00	21.96	150	213	Horizontal
3	2426.8089	4.55	43.45	74.00	30.55	30.98	54.00	23.02	150	241	Horizontal
4	3523.5078	9.60	45.32	74.00	28.68	33.95	54.00	20.05	150	44	Horizontal
5	5342.7809	17.23	55.19	74.00	18.81	39.84	54.00	14.16	150	101	Horizontal
6	8589.8633	6.41	43.43	74.00	30.57	32.79	54.00	21.21	150	275	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	11AC40_5310	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 20		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-13 10:08:17

Test Graph



PK Final Data List

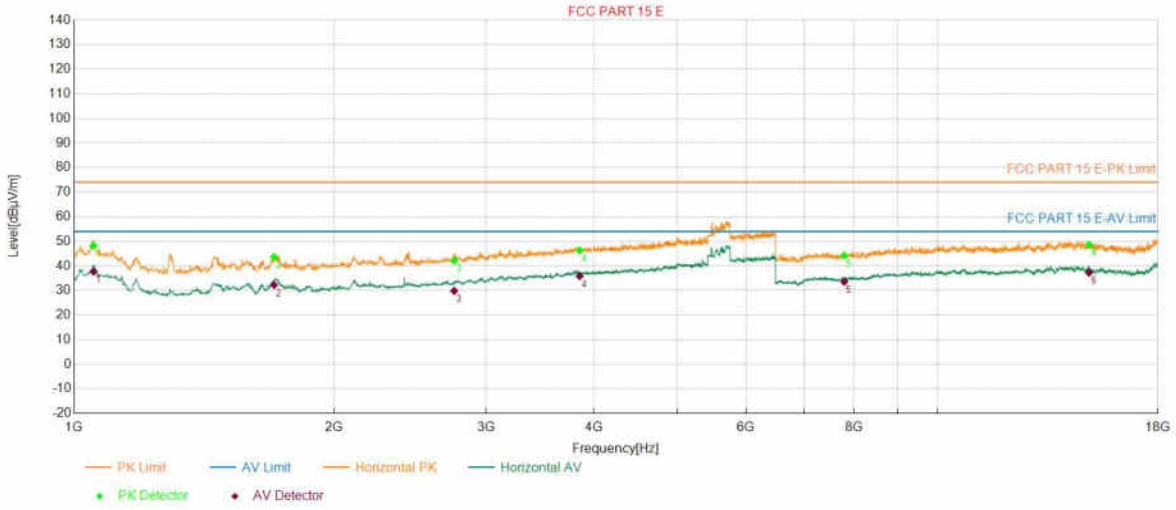
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1049.5165	-0.96	46.13	74.00	27.87	37.83	54.00	16.17	150	192	Vertical
2	1297.0990	-0.12	48.46	74.00	25.54	31.72	54.00	22.28	150	346	Vertical
3	2421.3071	4.52	45.55	74.00	28.45	31.16	54.00	22.84	150	360	Vertical
4	3057.6859	8.42	43.86	74.00	30.14	33.34	54.00	20.66	150	329	Vertical
5	9364.4548	8.01	45.16	74.00	28.84	34.14	54.00	19.86	150	79	Vertical
6	13532.6776	14.29	49.06	74.00	24.94	36.64	54.00	17.36	150	2	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	11AC40_5510	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 14		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-13 10:13:48

Test Graph



PK Final Data List

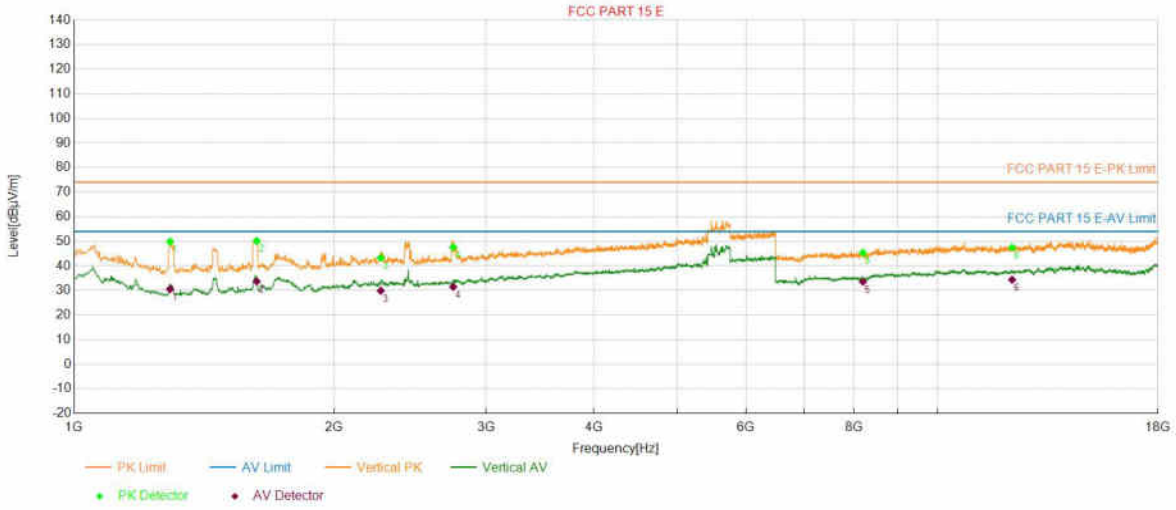
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1053.1844	-1.01	48.21	74.00	25.79	37.69	54.00	16.31	150	139	Horizontal
2	1704.2347	0.61	43.59	74.00	30.41	32.21	54.00	21.79	150	215	Horizontal
3	2755.0850	6.51	42.17	74.00	31.83	29.83	54.00	24.17	150	24	Horizontal
4	3849.9500	11.17	46.32	74.00	27.68	35.83	54.00	18.17	150	91	Horizontal
5	7796.0987	4.38	44.19	74.00	29.81	33.52	54.00	20.48	150	228	Horizontal
6	14974.4915	15.10	48.53	74.00	25.47	37.22	54.00	16.78	150	64	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	11AC40_5510	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 14		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-13 10:15:17

Test Graph



PK Final Data List

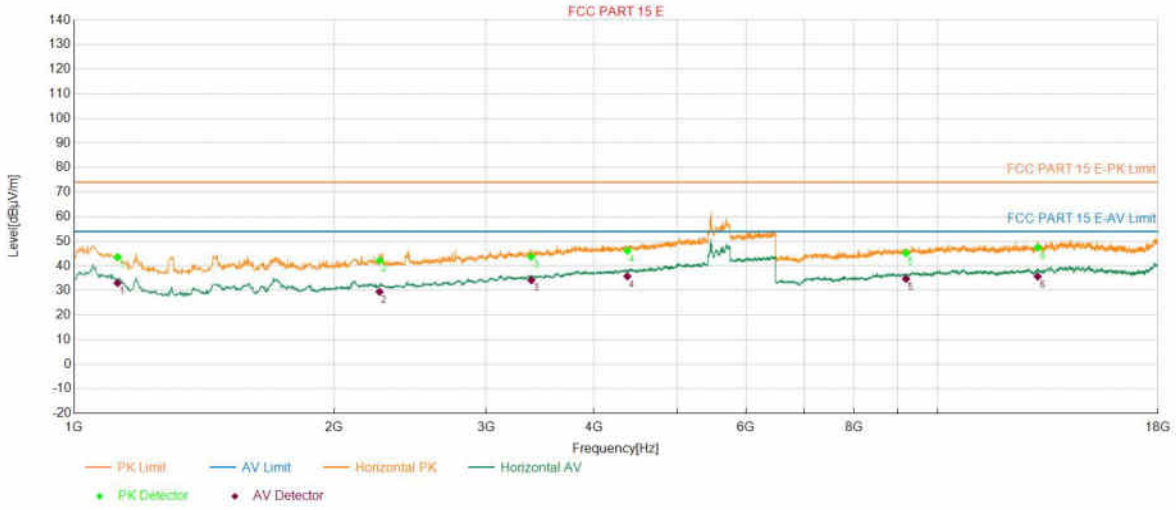
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1291.5972	-0.19	49.86	74.00	24.14	30.54	54.00	23.46	150	350	Vertical
2	1627.2091	0.55	50.14	74.00	23.86	33.71	54.00	20.29	150	360	Vertical
3	2265.4218	3.92	43.31	74.00	30.69	29.91	54.00	24.09	150	45	Vertical
4	2747.7493	6.47	47.61	74.00	26.39	31.47	54.00	22.53	150	16	Vertical
5	8194.8983	5.22	45.32	74.00	28.68	33.55	54.00	20.45	150	336	Vertical
6	12198.2327	11.23	47.44	74.00	26.56	34.40	54.00	19.60	150	358	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	11AC40_5550	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 20		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-13 10:18:05

Test Graph



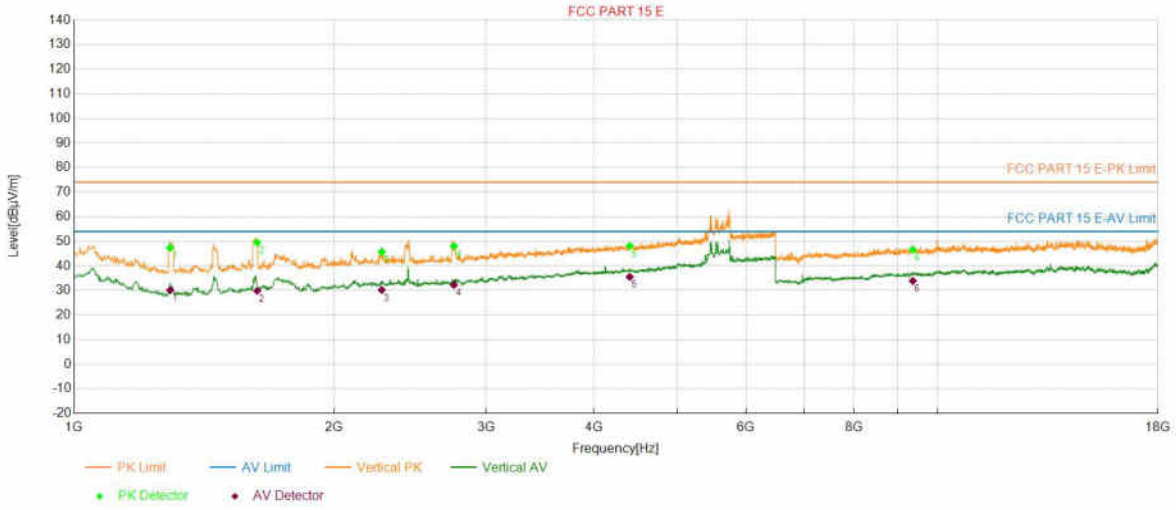
PK Final Data List											
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1122.8743	-0.79	43.55	74.00	30.45	33.02	54.00	20.98	150	186	Horizontal
2	2258.0860	3.91	42.16	74.00	31.84	29.47	54.00	24.53	150	45	Horizontal
3	3384.1280	9.45	43.77	74.00	30.23	34.22	54.00	19.78	150	360	Horizontal
4	4372.6242	13.18	46.19	74.00	27.81	35.78	54.00	18.22	150	358	Horizontal
5	9191.8973	7.75	45.20	74.00	28.80	34.72	54.00	19.28	150	266	Horizontal
6	13061.0203	12.66	47.48	74.00	26.52	35.68	54.00	18.32	150	351	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	11AC40_5550	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 20		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-13 10:19:34

Test Graph



PK Final Data List

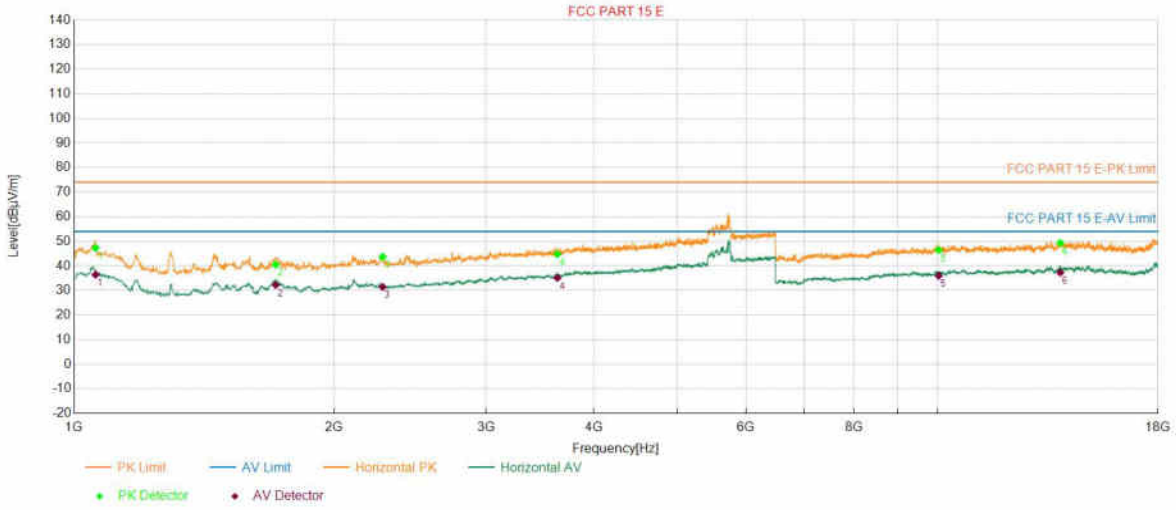
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1291.5972	-0.19	47.40	74.00	26.60	30.12	54.00	23.88	150	348	Vertical
2	1629.0430	0.55	49.53	74.00	24.47	29.89	54.00	24.11	150	360	Vertical
3	2270.9236	3.93	45.72	74.00	28.28	30.22	54.00	23.78	150	34	Vertical
4	2753.2511	6.51	48.05	74.00	25.95	32.28	54.00	21.72	150	7	Vertical
5	4400.1334	13.31	48.11	74.00	25.89	35.55	54.00	18.45	150	137	Vertical
6	9360.6202	7.99	46.58	74.00	27.42	33.90	54.00	20.10	150	88	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	11AC40_5670	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 20		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-13 10:22:50

Test Graph



PK Final Data List

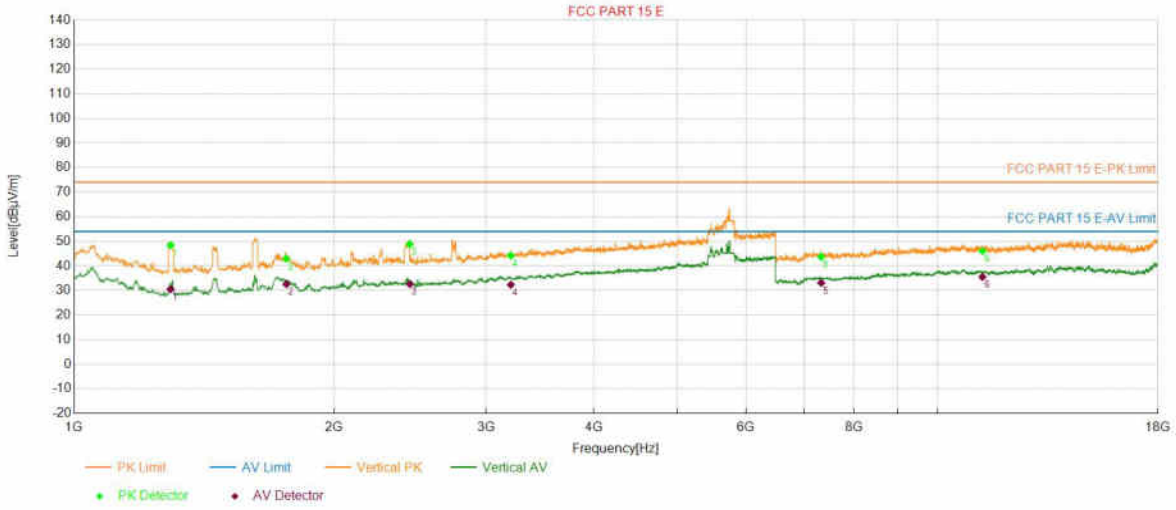
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1058.6862	-0.99	47.32	74.00	26.68	36.44	54.00	17.56	150	111	Horizontal
2	1711.5705	0.61	40.54	74.00	33.46	32.26	54.00	21.74	150	224	Horizontal
3	2276.4255	3.94	43.73	74.00	30.27	31.44	54.00	22.56	150	253	Horizontal
4	3628.0427	9.79	44.77	74.00	29.23	35.13	54.00	18.87	150	360	Horizontal
5	10027.8426	8.71	46.49	74.00	27.51	36.00	54.00	18.00	150	70	Horizontal
6	13870.1234	14.60	49.38	74.00	24.62	37.31	54.00	16.69	150	87	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	11AC40_5670	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 20		
Test Standard: FCC PART 15 E			

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

Test Graph



PK Final Data List

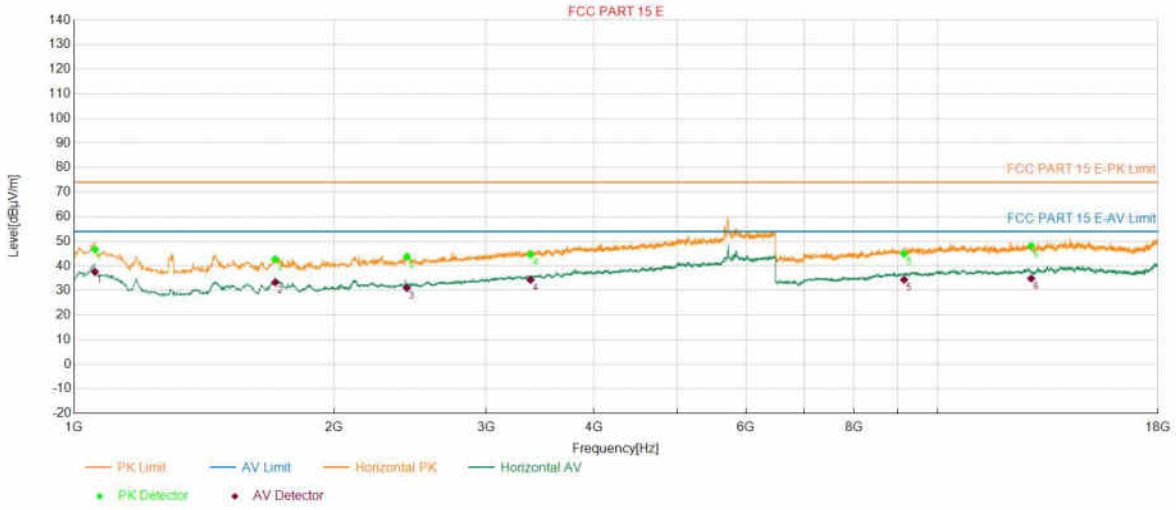
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1293.4311	-0.18	48.43	74.00	25.57	30.54	54.00	23.46	150	348	Vertical
2	1761.0870	0.67	42.90	74.00	31.10	32.60	54.00	21.40	150	174	Vertical
3	2446.9823	4.58	48.87	74.00	25.13	32.62	54.00	21.38	150	15	Vertical
4	3204.4015	8.85	44.21	74.00	29.79	32.33	54.00	21.67	150	250	Vertical
5	7332.1107	3.71	43.70	74.00	30.30	33.10	54.00	20.90	150	0	Vertical
6	11270.2568	10.73	46.09	74.00	27.91	35.53	54.00	18.47	150	51	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	11AC40_5755	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 20		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-13 10:26:58

Test Graph



PK Final Data List

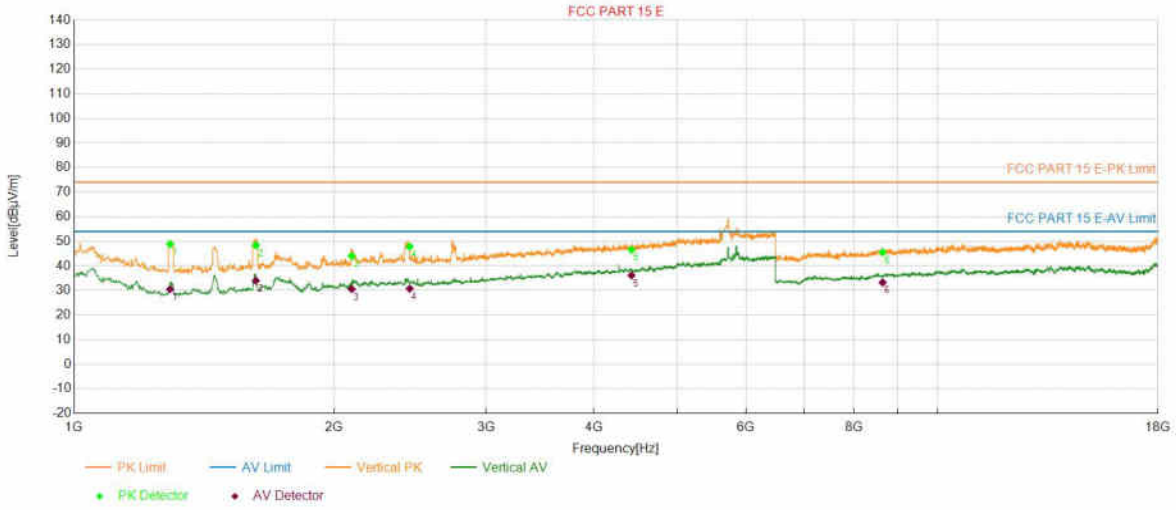
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1056.8523	-0.96	46.72	74.00	27.28	37.59	54.00	16.41	150	150	Horizontal
2	1709.7366	0.71	42.72	74.00	31.28	33.33	54.00	20.67	150	217	Horizontal
3	2428.6429	4.65	43.68	74.00	30.32	31.03	54.00	22.97	150	246	Horizontal
4	3376.7923	9.52	44.65	74.00	29.35	34.34	54.00	19.66	150	359	Horizontal
5	9145.8820	7.75	44.94	74.00	29.06	34.40	54.00	19.60	150	0	Horizontal
6	12834.7783	12.40	48.15	74.00	25.85	34.87	54.00	19.13	150	222	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	11AC40_5755	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 20		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-13 10:28:26

Test Graph



PK Final Data List

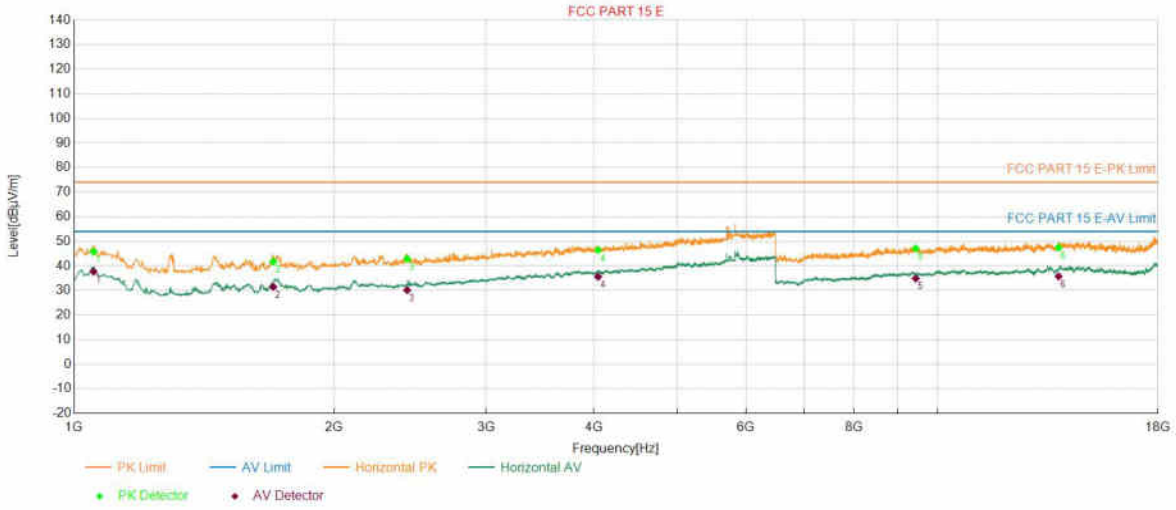
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1291.5972	-0.13	48.94	74.00	25.06	30.53	54.00	23.47	150	346	Vertical
2	1623.5412	0.60	48.39	74.00	25.61	34.03	54.00	19.97	150	3	Vertical
3	2096.6989	3.33	44.09	74.00	29.91	30.57	54.00	23.43	150	9	Vertical
4	2446.9823	4.76	47.87	74.00	26.13	30.76	54.00	23.24	150	17	Vertical
5	4420.3068	13.46	46.61	74.00	27.39	36.16	54.00	17.84	150	56	Vertical
6	8635.8786	6.51	45.53	74.00	28.47	33.27	54.00	20.73	150	278	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	11AC40_5795	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 20		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-13 10:30:57

Test Graph



PK Final Data List

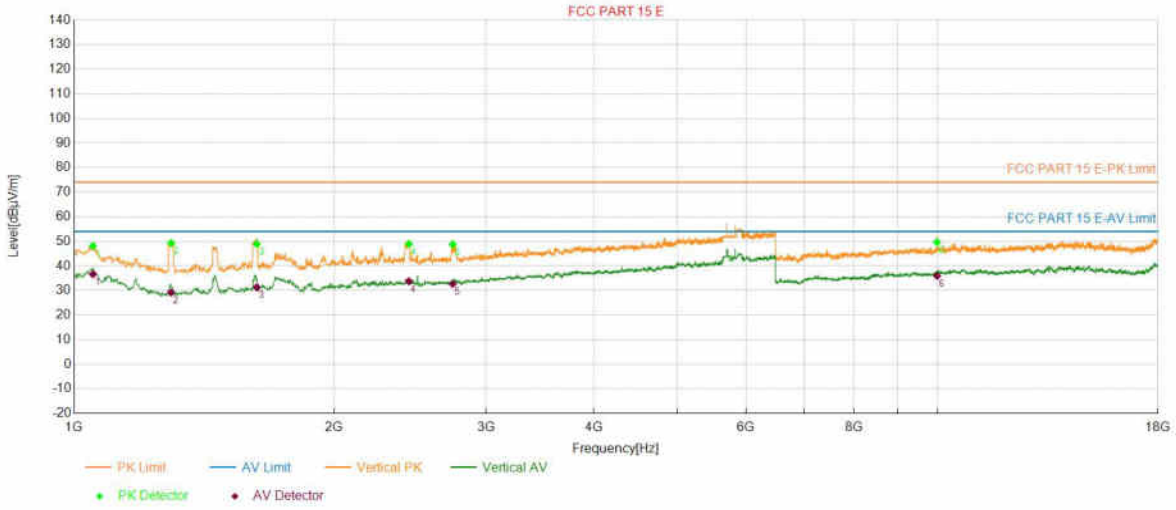
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1053.1844	-0.97	45.76	74.00	28.24	37.69	54.00	16.31	150	157	Horizontal
2	1700.5669	0.70	41.78	74.00	32.22	31.50	54.00	22.50	150	222	Horizontal
3	2430.4768	4.66	42.83	74.00	31.17	30.18	54.00	23.82	150	241	Horizontal
4	4044.3481	11.97	46.52	74.00	27.48	35.60	54.00	18.40	150	2	Horizontal
5	9433.4778	8.22	47.08	74.00	26.92	34.92	54.00	19.08	150	95	Horizontal
6	13808.7696	14.25	47.45	74.00	26.55	35.74	54.00	18.26	150	357	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	11AC40_5795	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 20		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-13 10:32:26

Test Graph



PK Final Data List

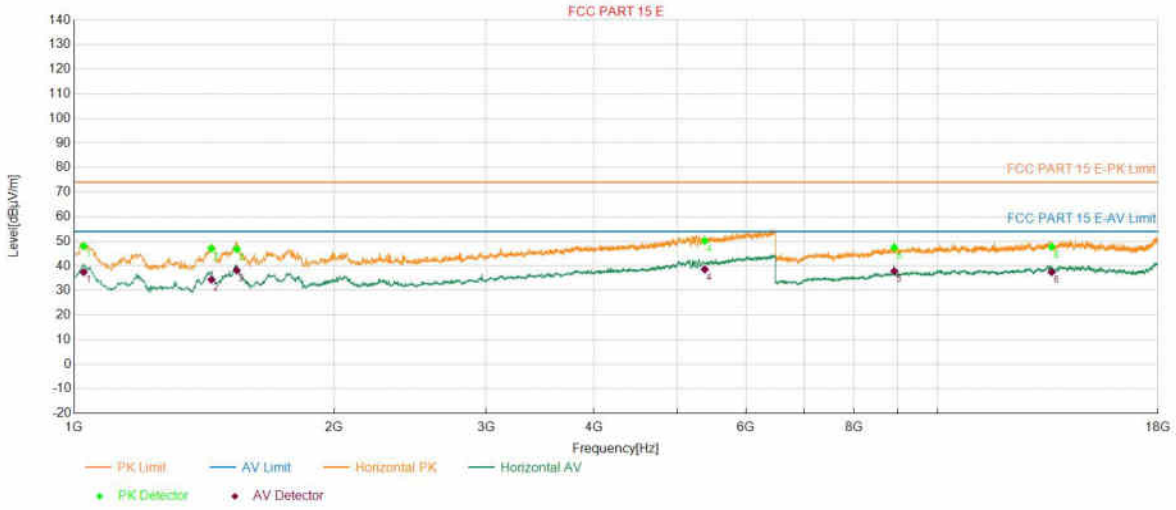
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1051.3505	-0.97	48.15	74.00	25.85	36.62	54.00	17.38	150	188	Vertical
2	1295.2651	-0.12	49.33	74.00	24.67	29.18	54.00	24.82	150	345	Vertical
3	1627.2091	0.59	48.89	74.00	25.11	31.31	54.00	22.69	150	360	Vertical
4	2441.4805	4.73	48.98	74.00	25.02	33.77	54.00	20.23	150	291	Vertical
5	2744.0814	6.56	48.73	74.00	25.27	32.67	54.00	21.33	150	9	Vertical
6	9985.6619	8.65	49.64	74.00	24.36	35.92	54.00	18.08	150	89	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	11AC40_5190	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 17		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-14 20:59:15

Test Graph



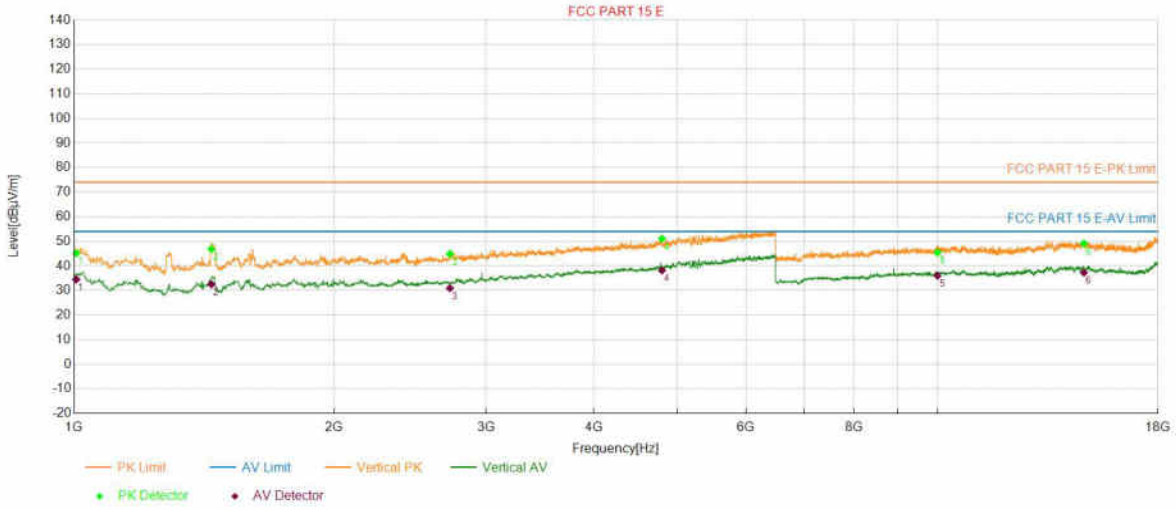
PK Final Data List											
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1025.6752	-1.02	48.05	74.00	25.95	37.47	54.00	16.53	150	118	Horizontal
2	1441.9807	0.25	47.12	74.00	26.88	34.39	54.00	19.61	150	260	Horizontal
3	1542.8476	0.47	46.82	74.00	27.18	38.17	54.00	15.83	150	82	Horizontal
4	5373.9580	17.32	50.23	74.00	23.77	38.58	54.00	15.42	150	15	Horizontal
5	8908.1360	7.30	47.51	74.00	26.49	37.88	54.00	16.12	150	88	Horizontal
6	13555.6852	14.07	47.77	74.00	26.23	37.50	54.00	16.50	150	297	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	11AC40_5190	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 17		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-14 21:00:44

Test Graph



PK Final Data List

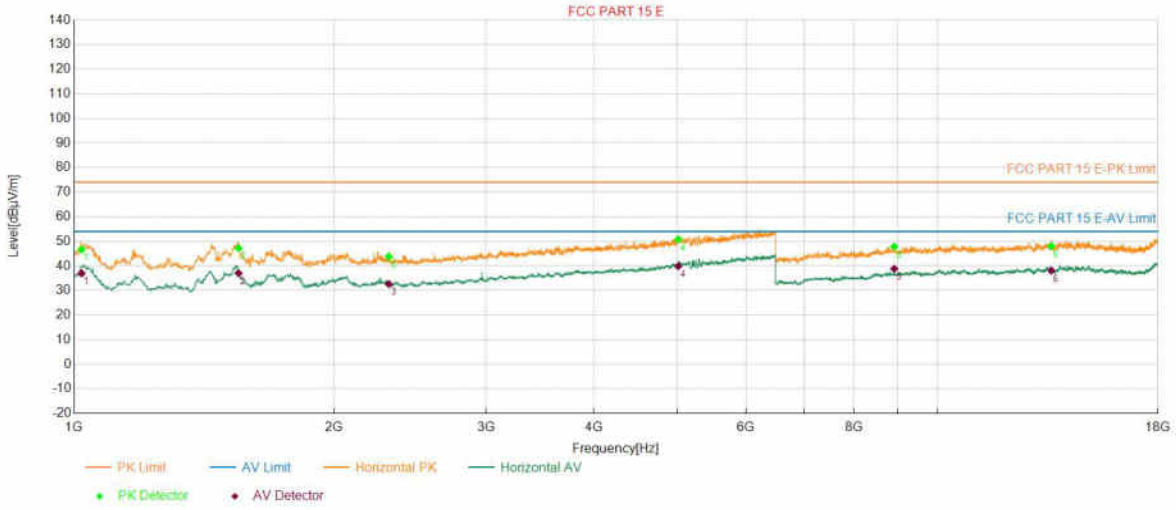
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1005.5018	-1.08	45.14	74.00	28.86	34.53	54.00	19.47	150	359	Vertical
2	1441.9807	0.25	46.84	74.00	27.16	32.51	54.00	21.49	150	356	Vertical
3	2723.9080	6.41	44.89	74.00	29.11	30.97	54.00	23.03	150	317	Vertical
4	4794.4315	15.02	51.07	74.00	22.93	38.18	54.00	15.82	150	101	Vertical
5	9997.1657	8.68	45.48	74.00	28.52	35.99	54.00	18.01	150	22	Vertical
6	14771.2571	15.05	49.13	74.00	24.87	37.27	54.00	16.73	150	334	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	11AC40_5230	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 20		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-14 21:05:50

Test Graph



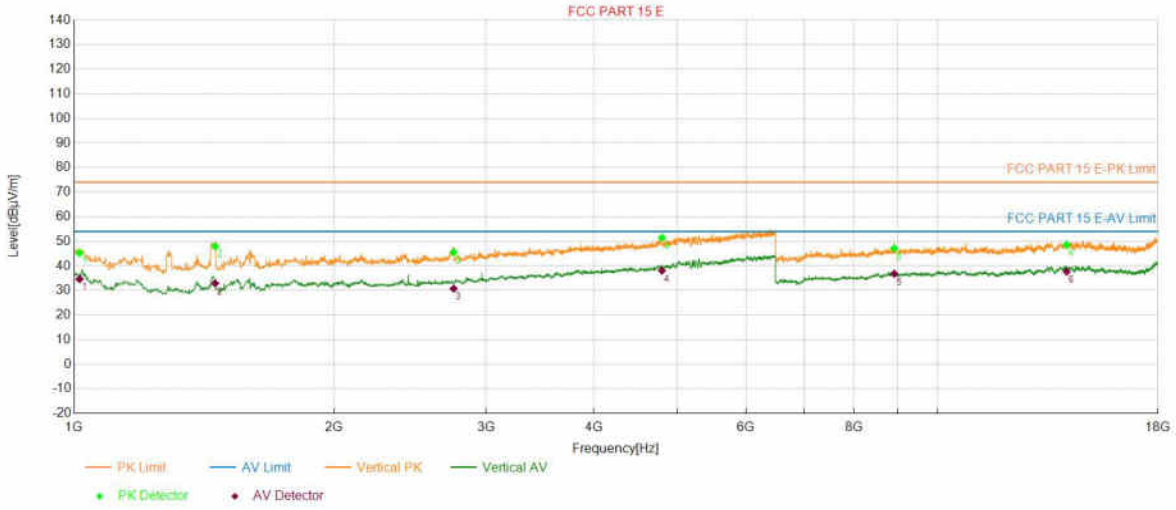
PK Final Data List											
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1020.1734	-1.04	46.68	74.00	27.32	37.00	54.00	17.00	150	115	Horizontal
2	1550.1834	0.48	47.31	74.00	26.69	37.06	54.00	16.94	150	115	Horizontal
3	2314.9383	4.11	43.77	74.00	30.23	32.61	54.00	21.39	150	250	Horizontal
4	5007.1691	16.45	50.76	74.00	23.24	39.88	54.00	14.12	150	360	Horizontal
5	8908.1360	7.30	47.83	74.00	26.17	38.85	54.00	15.15	150	136	Horizontal
6	13540.3468	14.21	48.05	74.00	25.95	38.07	54.00	15.93	150	230	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	11AC40_5230	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 20		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-14 21:07:18

Test Graph



PK Final Data List

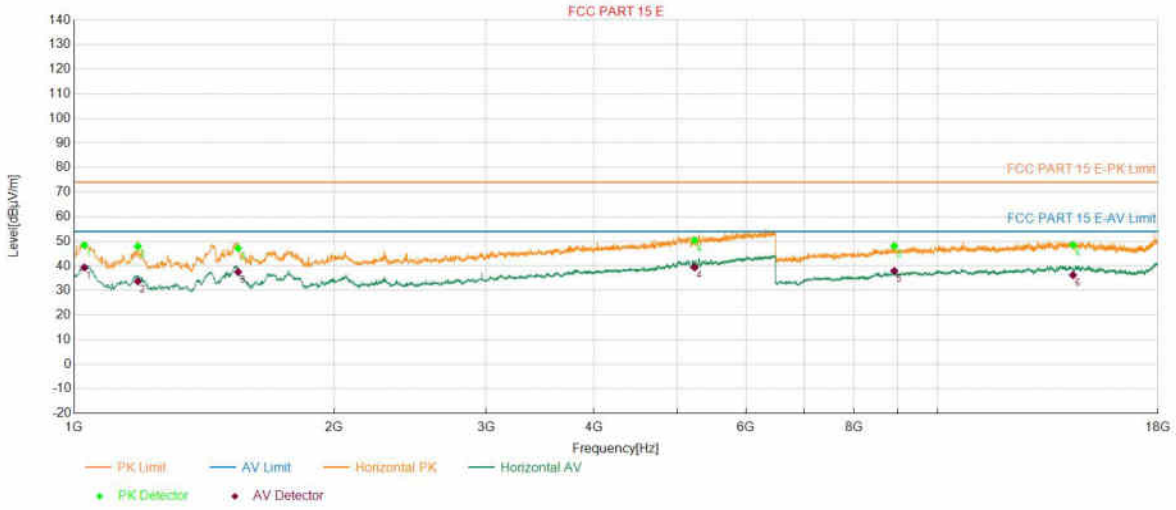
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1014.6716	-1.05	45.30	74.00	28.70	34.66	54.00	19.34	150	359	Vertical
2	1456.6522	0.28	47.94	74.00	26.06	32.91	54.00	21.09	150	360	Vertical
3	2751.4171	6.56	45.57	74.00	28.43	30.77	54.00	23.23	150	313	Vertical
4	4794.4315	15.02	51.42	74.00	22.58	38.09	54.00	15.91	150	101	Vertical
5	8908.1360	7.30	47.16	74.00	26.84	36.81	54.00	17.19	150	105	Vertical
6	14107.8693	15.14	48.56	74.00	25.44	37.71	54.00	16.29	150	76	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	11AC40_5230	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 20		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-14 21:10:01

Test Graph



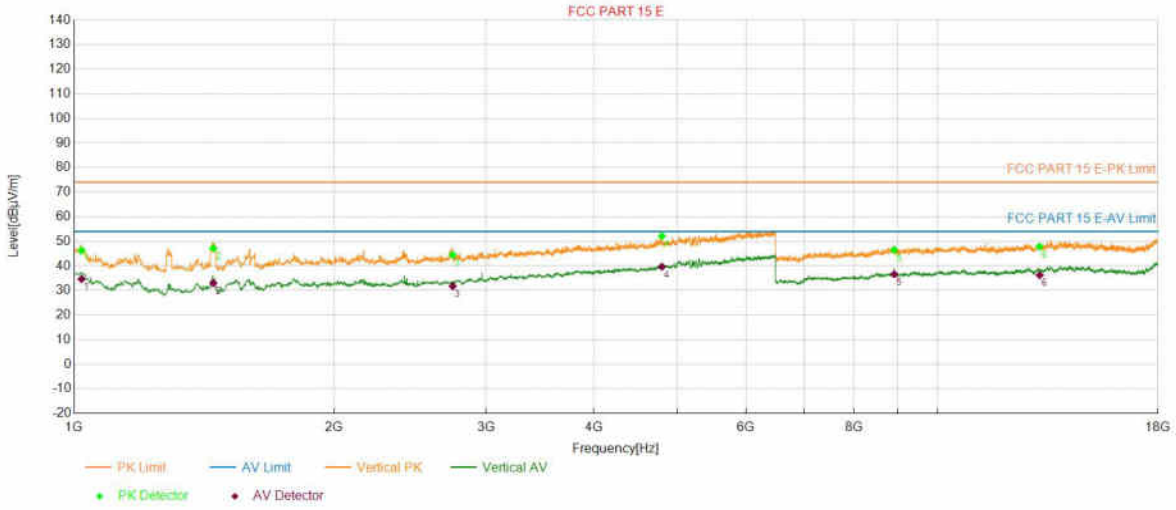
PK Final Data List											
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1027.5092	-1.02	48.43	74.00	25.57	39.33	54.00	14.67	150	121	Horizontal
2	1185.2284	-0.50	47.94	74.00	26.06	33.72	54.00	20.28	150	83	Horizontal
3	1548.3495	0.48	47.17	74.00	26.83	37.54	54.00	16.46	150	121	Horizontal
4	5230.9103	16.91	50.39	74.00	23.61	39.43	54.00	14.57	150	121	Horizontal
5	8908.1360	7.30	48.08	74.00	25.92	37.95	54.00	16.05	150	135	Horizontal
6	14349.4498	14.64	48.51	74.00	25.49	36.28	54.00	17.72	150	358	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	11AC40_5270	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 20		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-14 21:11:30

Test Graph



PK Final Data List

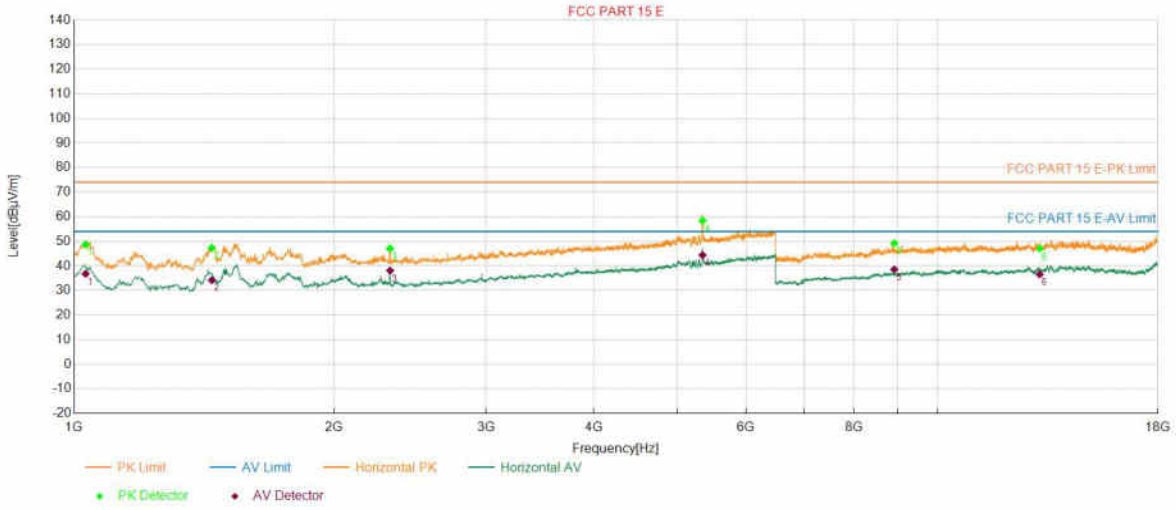
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1020.1734	-1.04	46.27	74.00	27.73	34.65	54.00	19.35	150	349	Vertical
2	1449.3164	0.27	47.11	74.00	26.89	33.00	54.00	21.00	150	359	Vertical
3	2744.0814	6.52	44.45	74.00	29.55	31.72	54.00	22.28	150	316	Vertical
4	4794.4315	15.02	52.12	74.00	21.88	39.68	54.00	14.32	150	100	Vertical
5	8908.1360	7.30	46.55	74.00	27.45	36.62	54.00	17.38	150	145	Vertical
6	13126.2087	12.79	47.80	74.00	26.20	36.27	54.00	17.73	150	89	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	11AC40_5310	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 16		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-14 21:14:26

Test Graph



PK Final Data List

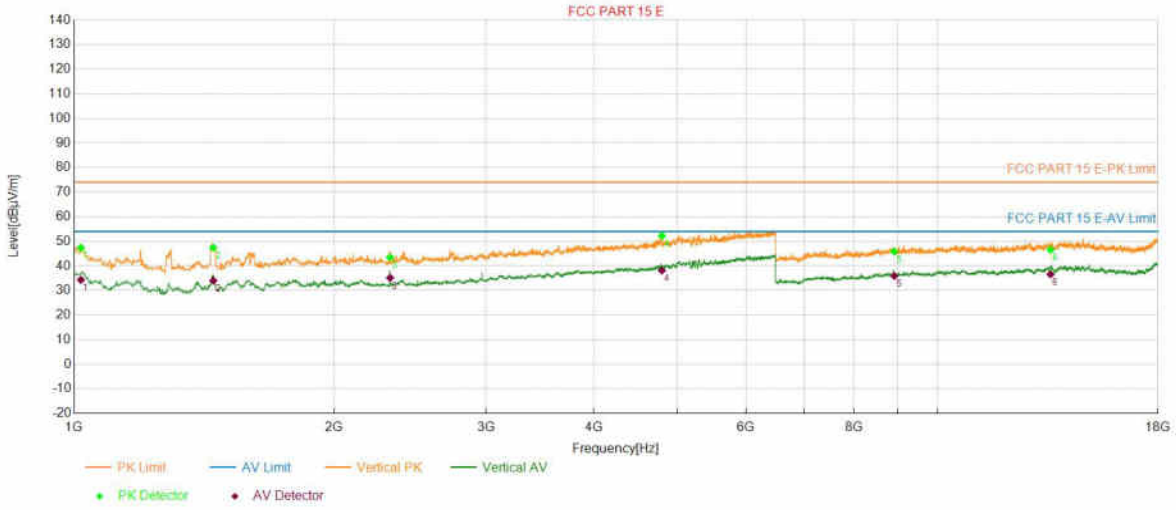
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1031.1771	-1.01	48.69	74.00	25.31	36.80	54.00	17.20	150	118	Horizontal
2	1443.8146	0.26	47.30	74.00	26.70	34.22	54.00	19.78	150	260	Horizontal
3	2322.2741	4.13	47.10	74.00	26.90	38.11	54.00	15.89	150	270	Horizontal
4	5342.7809	17.23	58.40	74.00	15.60	44.39	54.00	9.61	150	111	Horizontal
5	8908.1360	7.30	49.20	74.00	24.80	38.56	54.00	15.44	150	78	Horizontal
6	13130.0433	12.79	47.07	74.00	26.93	36.58	54.00	17.42	150	358	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	11AC40_5310	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 16		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-14 21:15:56

Test Graph



PK Final Data List

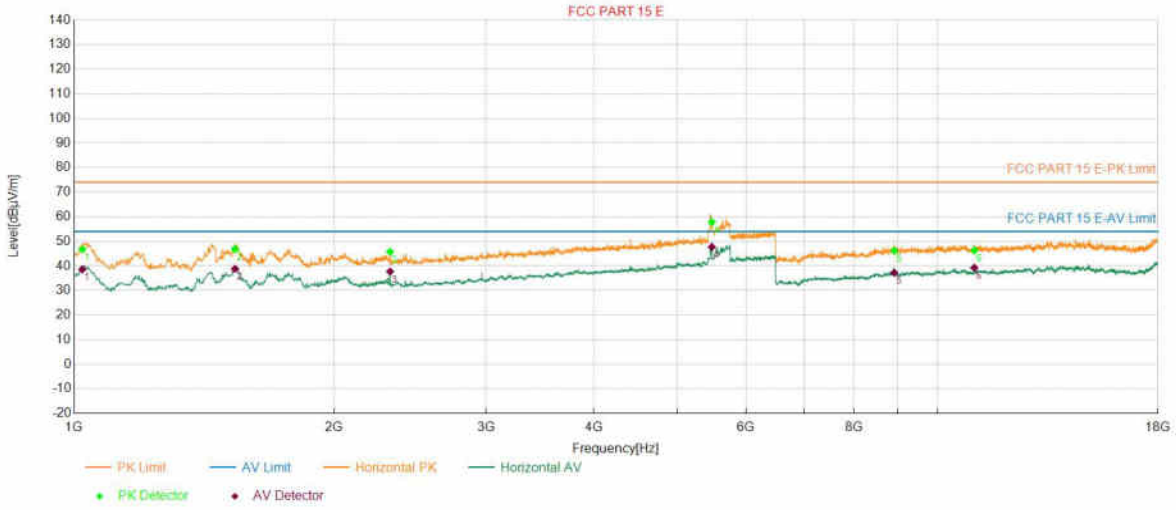
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1018.3394	-1.04	47.36	74.00	26.64	34.33	54.00	19.67	150	354	Vertical
2	1449.3164	0.27	47.39	74.00	26.61	34.00	54.00	20.00	150	360	Vertical
3	2322.2741	4.13	43.47	74.00	30.53	35.17	54.00	18.83	150	320	Vertical
4	4794.4315	15.02	52.22	74.00	21.78	38.12	54.00	15.88	150	103	Vertical
5	8908.1360	7.30	45.88	74.00	28.12	35.93	54.00	18.07	150	145	Vertical
6	13513.5045	14.48	46.59	74.00	27.41	36.59	54.00	17.41	150	31	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	11AC40_5510	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 14		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-14 21:19:26

Test Graph



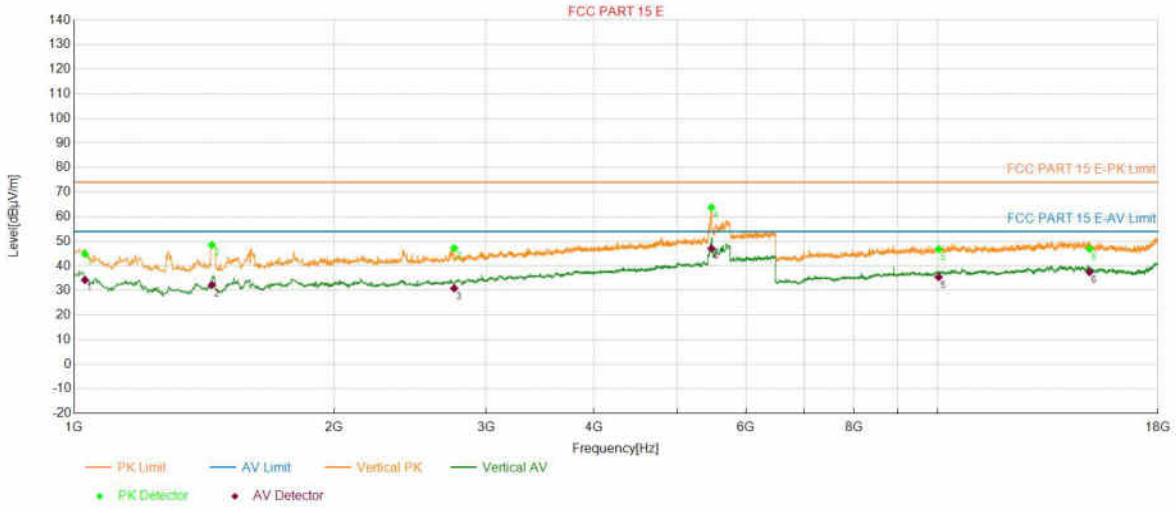
PK Final Data List											
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1022.0073	-1.09	46.75	74.00	27.25	38.61	54.00	15.39	150	120	Horizontal
2	1535.5118	0.38	46.81	74.00	27.19	38.78	54.00	15.22	150	82	Horizontal
3	2322.2741	4.06	45.74	74.00	28.26	37.75	54.00	16.25	150	120	Horizontal
4	5476.6589	21.15	57.78	74.00	16.22	47.71	54.00	6.29	150	120	Horizontal
5	8908.1360	7.30	46.19	74.00	27.81	37.25	54.00	16.75	150	136	Horizontal
6	11028.6762	9.93	46.32	74.00	27.68	39.26	54.00	14.74	150	117	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	11AC40_5510	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 14		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-14 21:20:55

Test Graph



PK Final Data List

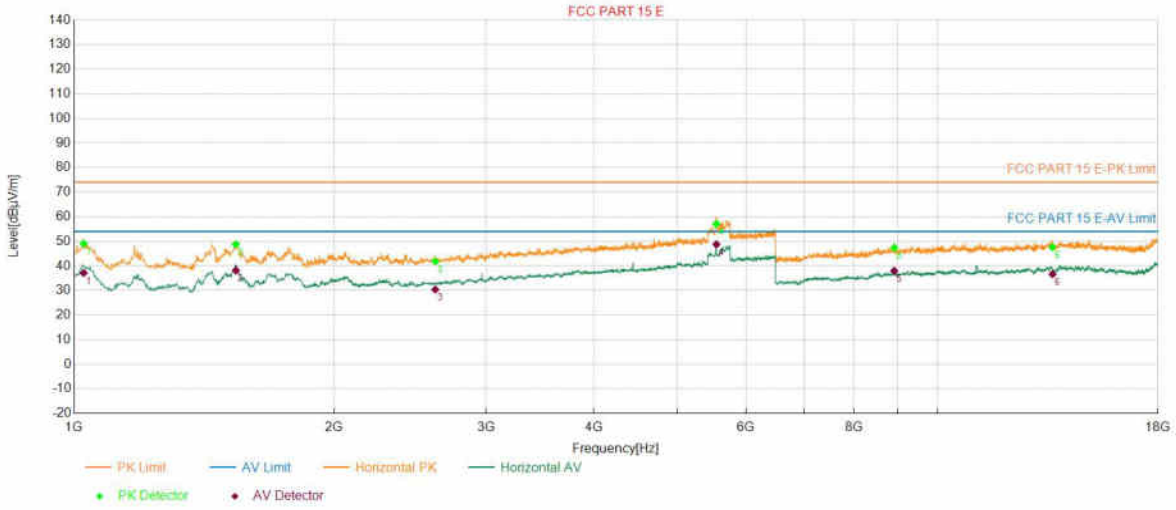
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1029.3431	-1.07	44.91	74.00	29.09	34.25	54.00	19.75	150	354	Vertical
2	1443.8146	0.19	48.51	74.00	25.49	32.25	54.00	21.75	150	358	Vertical
3	2755.0850	6.51	47.22	74.00	26.78	30.87	54.00	23.13	150	319	Vertical
4	5471.1571	21.10	63.79	74.00	10.21	47.01	54.00	6.99	150	121	Vertical
5	10027.8426	8.71	46.83	74.00	27.17	35.46	54.00	18.54	150	232	Vertical
6	14997.4992	15.23	46.93	74.00	27.07	37.47	54.00	16.53	150	174	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	11AC40_5550	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 20		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-14 21:24:22

Test Graph



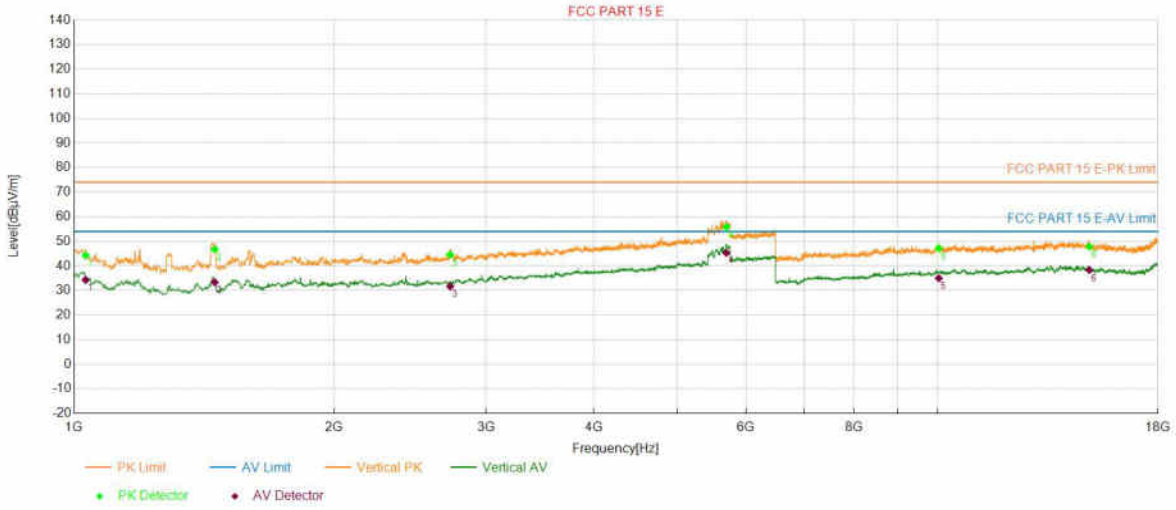
PK Final Data List											
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1025.6752	-1.08	49.08	74.00	24.92	37.14	54.00	16.86	150	120	Horizontal
2	1539.1797	0.40	48.79	74.00	25.21	38.13	54.00	15.87	150	82	Horizontal
3	2619.3731	5.70	41.85	74.00	32.15	30.40	54.00	23.60	150	241	Horizontal
4	5544.5148	21.75	57.07	74.00	16.93	48.76	54.00	5.24	150	108	Horizontal
5	8908.1360	7.30	47.39	74.00	26.61	38.00	54.00	16.00	150	80	Horizontal
6	13586.3621	13.77	47.63	74.00	26.37	36.62	54.00	17.38	150	270	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	11AC40_5550	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 20		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-14 21:25:51

Test Graph



PK Final Data List

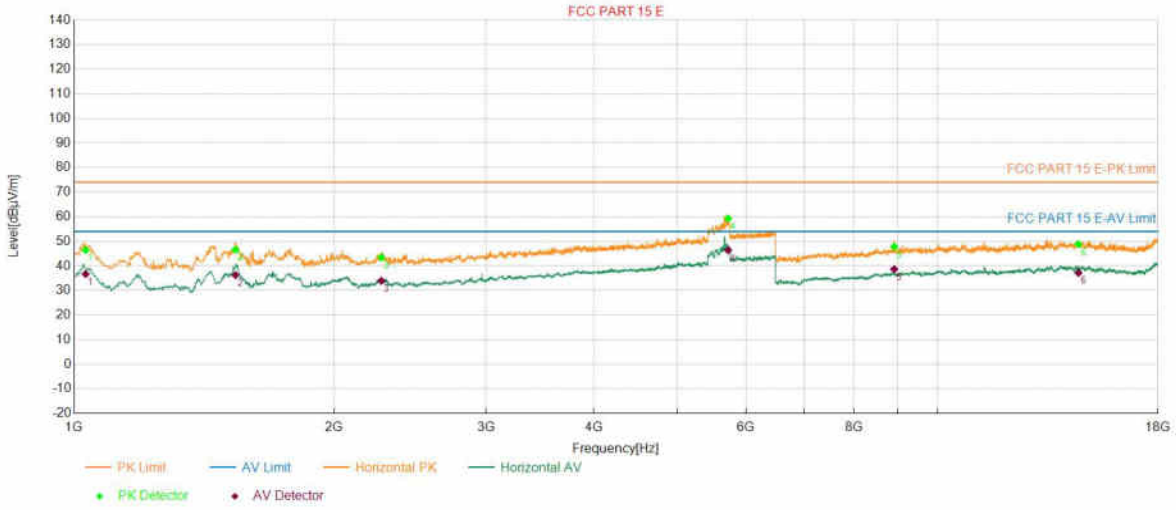
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1031.1771	-1.07	44.30	74.00	29.70	34.31	54.00	19.69	150	348	Vertical
2	1454.8183	0.22	46.76	74.00	27.24	33.38	54.00	20.62	150	359	Vertical
3	2725.7419	6.34	44.57	74.00	29.43	31.65	54.00	22.35	150	359	Vertical
4	5693.0644	23.51	55.81	74.00	18.19	45.31	54.00	8.69	150	317	Vertical
5	10031.6772	8.71	47.16	74.00	26.84	35.04	54.00	18.96	150	269	Vertical
6	14985.9953	15.16	47.87	74.00	26.13	38.33	54.00	15.67	150	191	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	11AC40_5670	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 17		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-14 21:29:03

Test Graph



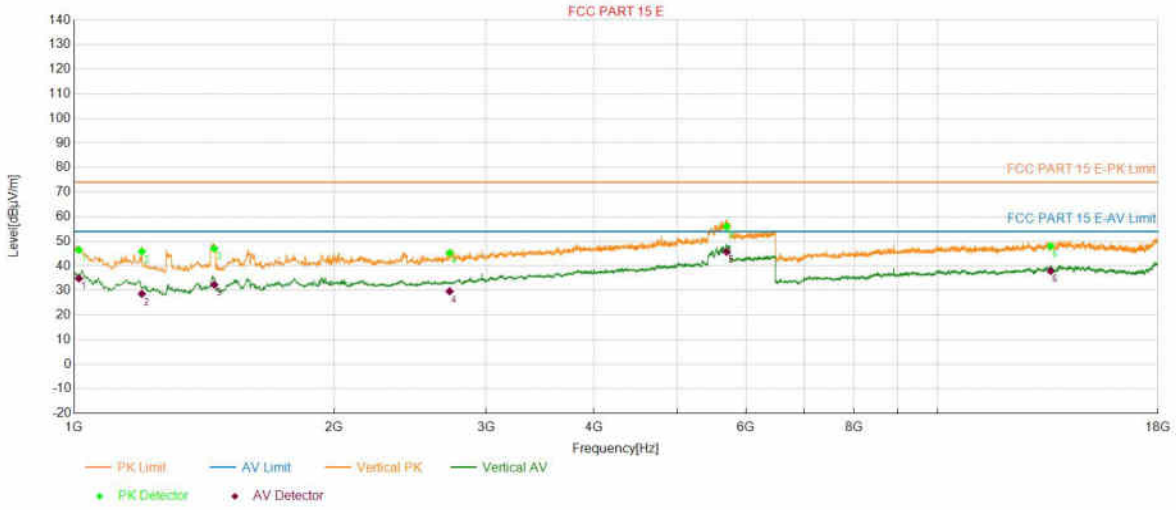
PK Final Data List											
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1031.1771	-1.07	46.51	74.00	27.49	36.69	54.00	17.31	150	120	Horizontal
2	1537.3458	0.39	46.56	74.00	27.44	36.28	54.00	17.72	150	82	Horizontal
3	2269.0897	3.93	43.44	74.00	30.56	33.93	54.00	20.07	150	250	Horizontal
4	5720.5735	23.87	59.29	74.00	14.71	46.39	54.00	7.61	150	44	Horizontal
5	8908.1360	7.30	47.80	74.00	26.20	38.67	54.00	15.33	150	135	Horizontal
6	14556.5188	15.42	48.82	74.00	25.18	37.16	54.00	16.84	150	108	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	11AC40_5670	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 17		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-14 21:30:33

Test Graph



PK Final Data List

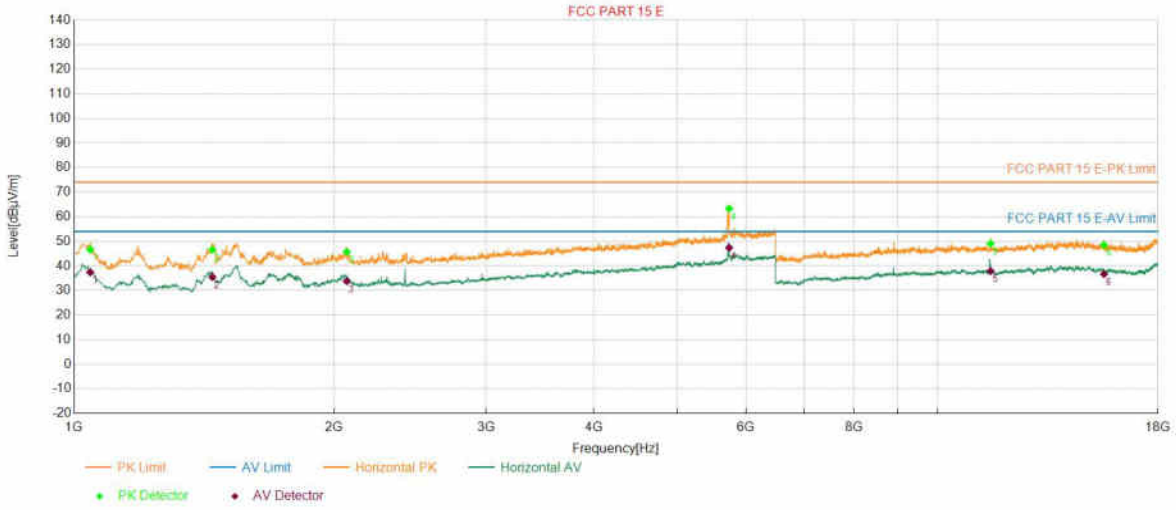
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1012.8376	-1.12	46.50	74.00	27.50	34.93	54.00	19.07	150	357	Vertical
2	1198.0660	-0.51	45.86	74.00	28.14	28.66	54.00	25.34	150	317	Vertical
3	1452.9843	0.21	47.02	74.00	26.98	32.37	54.00	21.63	150	360	Vertical
4	2722.0740	6.32	45.29	74.00	28.71	29.67	54.00	24.33	150	359	Vertical
5	5696.7322	23.55	55.97	74.00	18.03	45.72	54.00	8.28	150	336	Vertical
6	13517.3391	14.44	48.02	74.00	25.98	37.93	54.00	16.07	150	266	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	11AC40_5755	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 20		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-14 21:34:12

Test Graph



PK Final Data List

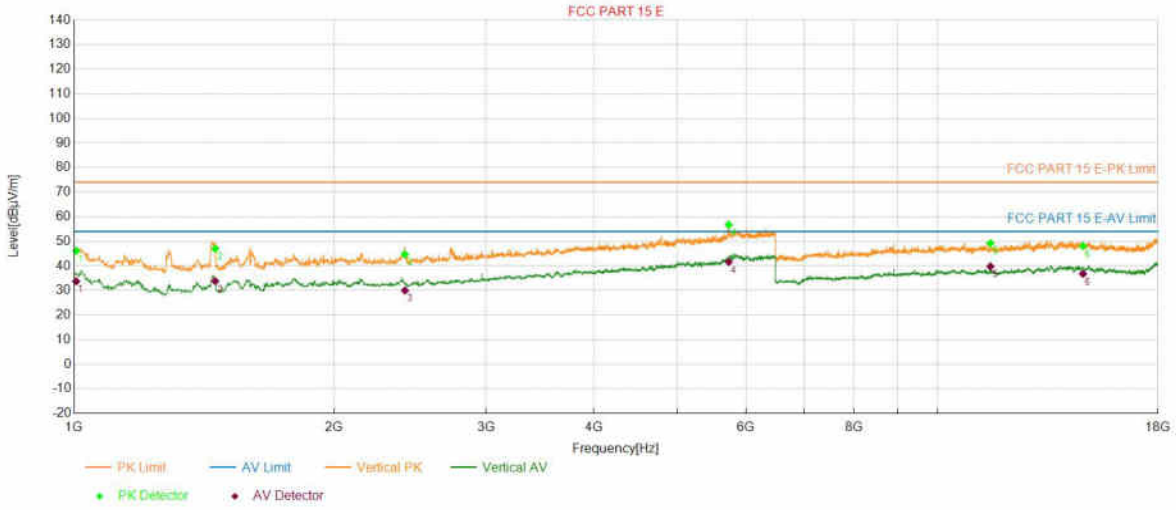
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1044.0147	-0.99	46.68	74.00	27.32	37.40	54.00	16.60	150	94	Horizontal
2	1445.6486	0.29	46.53	74.00	27.47	35.46	54.00	18.54	150	262	Horizontal
3	2069.1897	3.21	45.68	74.00	28.32	33.78	54.00	20.22	150	102	Horizontal
4	5735.2451	19.04	63.34	74.00	10.66	47.38	54.00	6.62	150	160	Horizontal
5	11515.6719	10.74	49.12	74.00	24.88	37.90	54.00	16.10	150	90	Horizontal
6	15584.1947	14.14	48.52	74.00	25.48	36.68	54.00	17.32	150	3	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	11AC40_5755	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 20		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-14 21:35:41

Test Graph



PK Final Data List

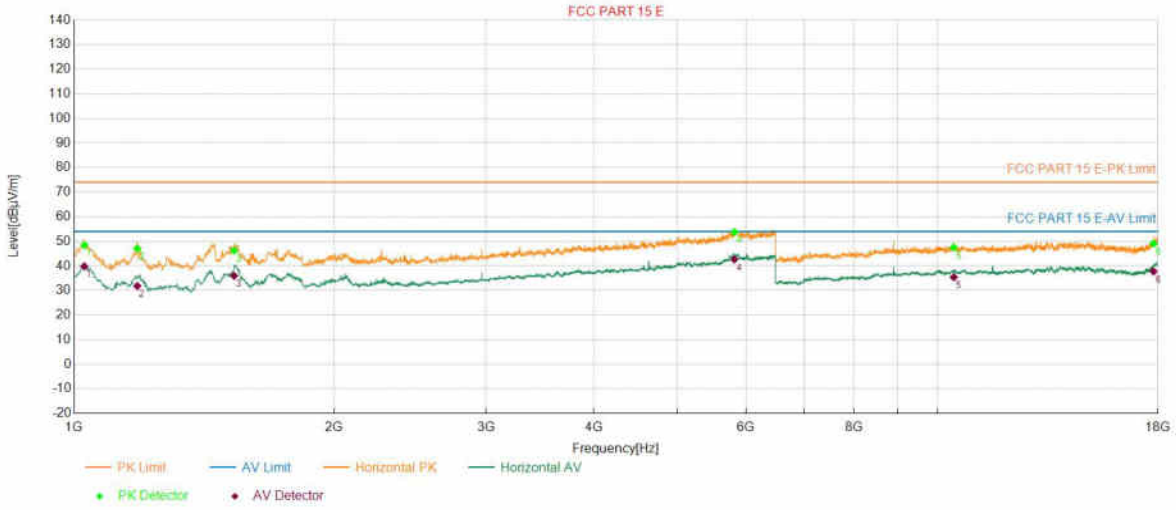
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1005.5018	-1.09	46.12	74.00	27.88	33.71	54.00	20.29	150	2	Vertical
2	1456.6522	0.33	47.00	74.00	27.00	33.82	54.00	20.18	150	357	Vertical
3	2415.8053	4.57	44.71	74.00	29.29	30.02	54.00	23.98	150	7	Vertical
4	5729.7432	18.97	56.71	74.00	17.29	41.59	54.00	12.41	150	60	Vertical
5	11511.8373	10.75	49.28	74.00	24.72	39.77	54.00	14.23	150	100	Vertical
6	14736.7456	15.33	48.08	74.00	25.92	36.77	54.00	17.23	150	71	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	11AC40_5795	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 20		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-14 21:38:13

Test Graph



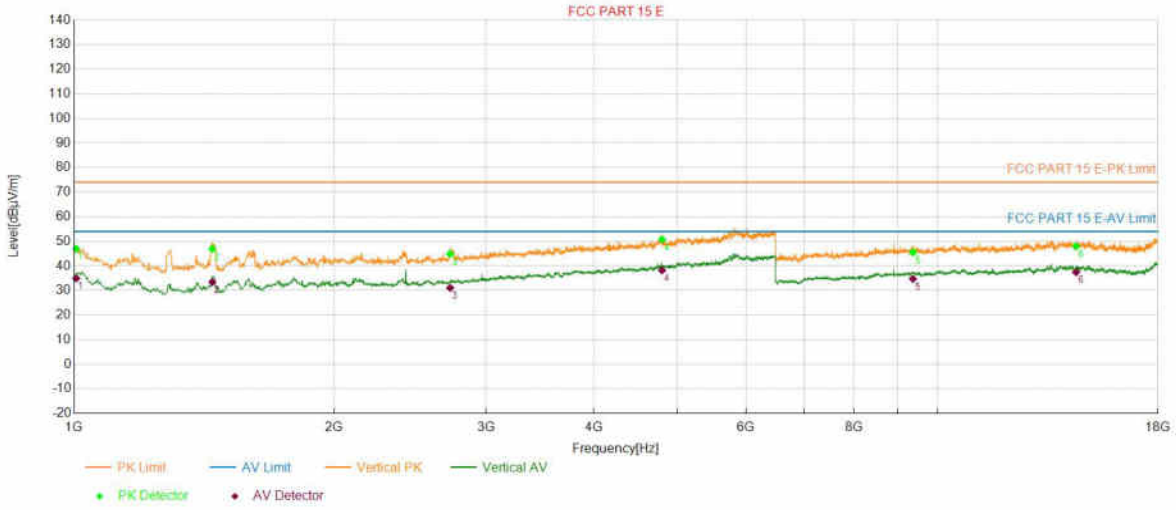
PK Final Data List											
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1027.5092	-1.03	48.41	74.00	25.59	39.81	54.00	14.19	150	120	Horizontal
2	1183.3945	-0.52	47.13	74.00	26.87	31.82	54.00	22.18	150	111	Horizontal
3	1531.8439	0.51	46.23	74.00	27.77	35.97	54.00	18.03	150	91	Horizontal
4	5815.9386	20.02	53.72	74.00	20.28	42.65	54.00	11.35	150	290	Horizontal
5	10441.9807	9.49	47.53	74.00	26.47	35.43	54.00	18.57	150	78	Horizontal
6	17781.4271	19.09	49.08	74.00	24.92	37.77	54.00	16.23	150	0	Horizontal

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH75GC	SN:	
Mode:	11AC40_5795	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 1 0 20		
Test Standard: FCC PART 15 E			

Start of Test:2024-10-14 21:39:43

Test Graph



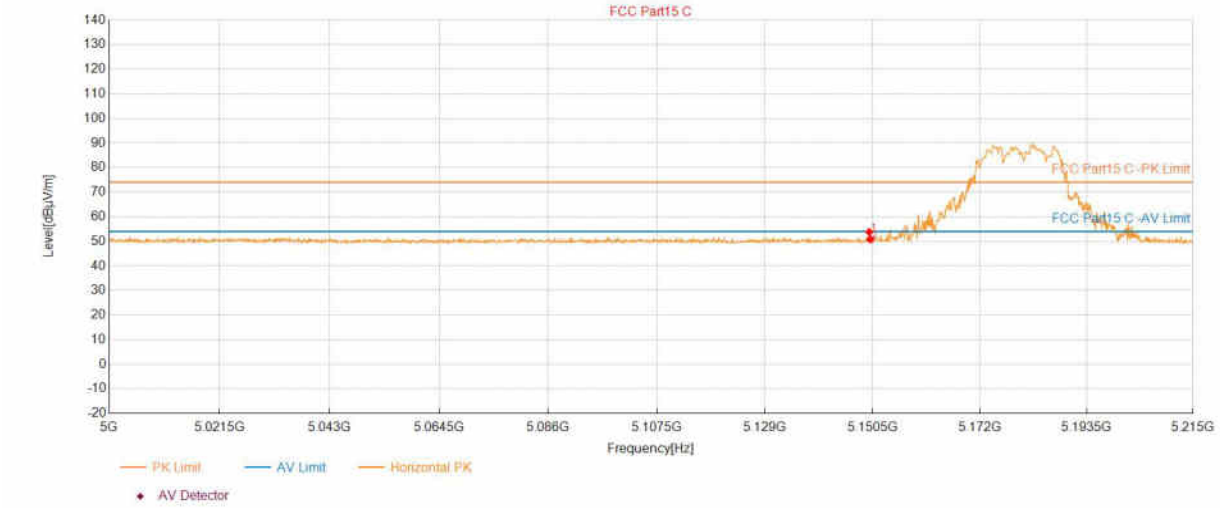
PK Final Data List											
NO.	Frequency (MHz)	Factor (dB/m)	PK Value (dBµV/m)	PK Limit (dBµV/m)	PK Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1005.5018	-1.09	46.98	74.00	27.02	34.95	54.00	19.05	150	360	Vertical
2	1445.6486	0.29	46.93	74.00	27.07	33.43	54.00	20.57	150	357	Vertical
3	2725.7419	6.48	44.89	74.00	29.11	31.06	54.00	22.94	150	359	Vertical
4	4796.2654	15.19	50.76	74.00	23.24	38.18	54.00	15.82	150	99	Vertical
5	9364.4548	8.01	45.54	74.00	28.46	34.74	54.00	19.26	150	88	Vertical
6	14468.3228	15.84	47.99	74.00	26.01	37.47	54.00	16.53	150	32	Vertical

Test Report

Project Information			
Customer:			
EUT:			
Model:	CH65GC	SN:	
Mode:	11A_5180	Voltage:	AC120V/60Hz
Environment:	Temp: 25℃; Humi:60%	Engineer:	Fly Liao
Remark:	power set:2 0 4 20		
Test Standard: FCC Part15 C			

Start of Test:2024-10-13 10:38:31

Test Graph



Suspected Data List							
NO.	Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	5149.8224	53.82	74.00	20.18	150	87	Horizontal
2	5150.0375	50.76	74.00	23.24	150	234	Horizontal