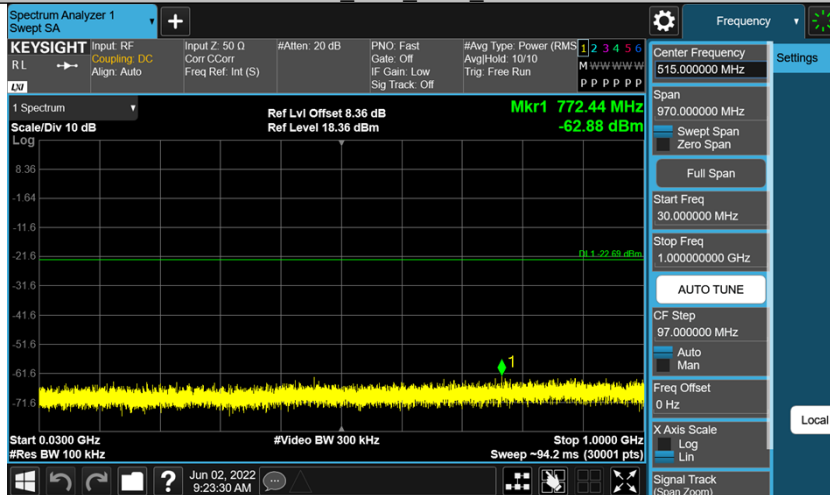
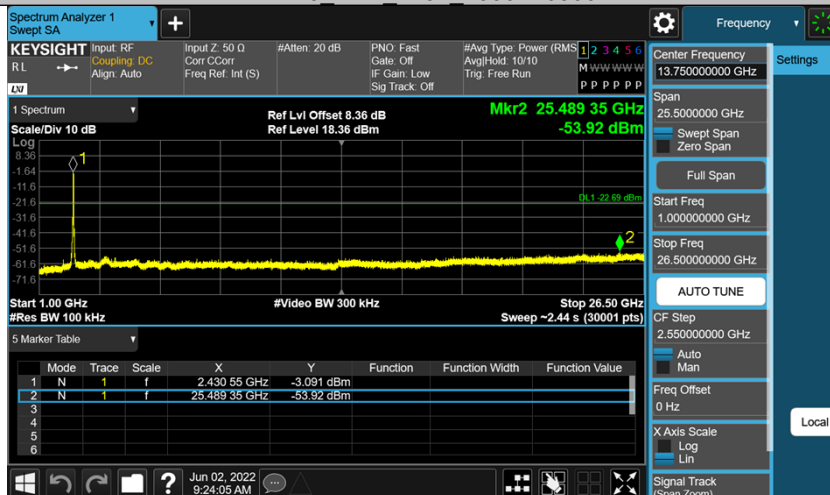


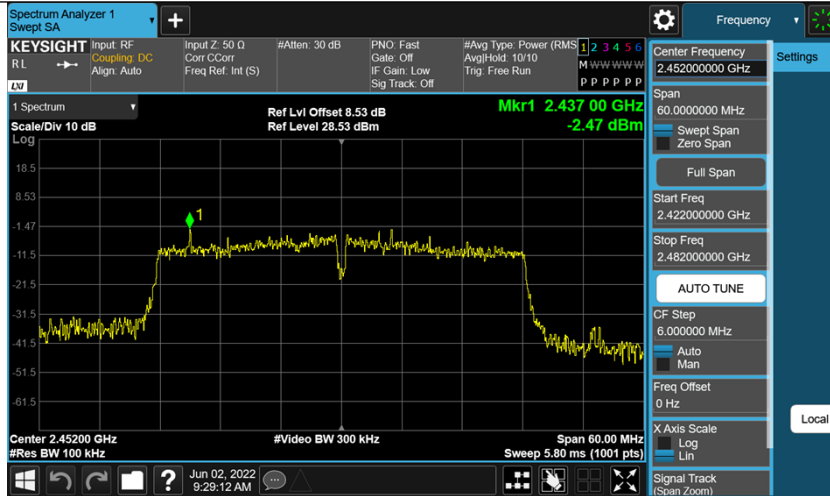
11N40\_Ant1\_2437\_30~1000



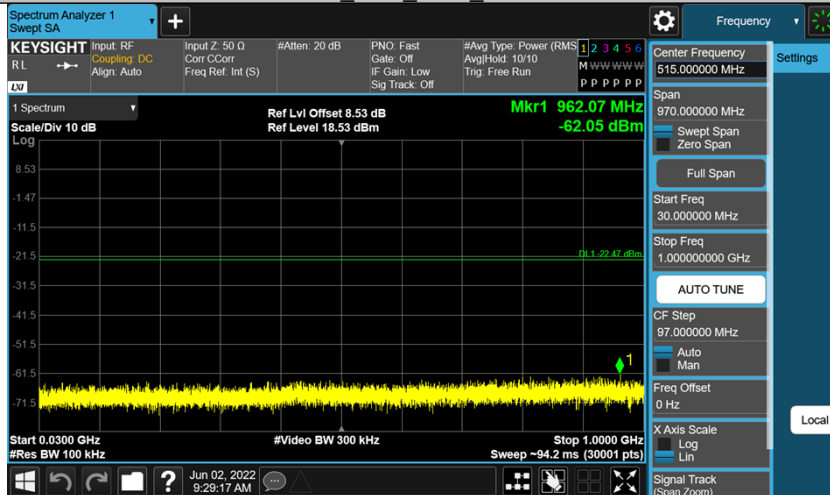
11N40\_Ant1\_2437\_1000~26500



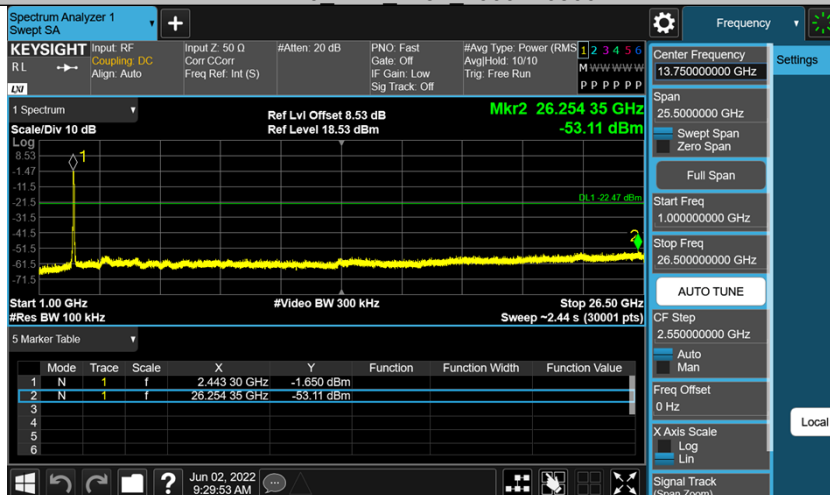
11N40\_Ant1\_2452\_0~Reference



11N40\_Ant1\_2452\_30~1000



11N40\_Ant1\_2452\_1000~26500



**Band Edge**

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.39	-33.82	≤-15.61	PASS
		High	2462	4.07	-49.39	≤-15.93	PASS
11G	Ant1	Low	2412	-0.41	-32.29	≤-20.41	PASS
		High	2462	-0.89	-43.92	≤-20.89	PASS
11N20	Ant1	Low	2412	-0.49	-35.51	≤-20.49	PASS
		High	2462	-0.90	-47.47	≤-20.9	PASS
11N40	Ant1	Low	2422	-2.24	-30.12	≤-22.24	PASS
		High	2452	-1.68	-35.94	≤-21.68	PASS

11B\_Ant1\_Low\_2412



11B\_Ant1\_High\_2462



11G\_Ant1\_Low\_2412



11G\_Ant1\_High\_2462



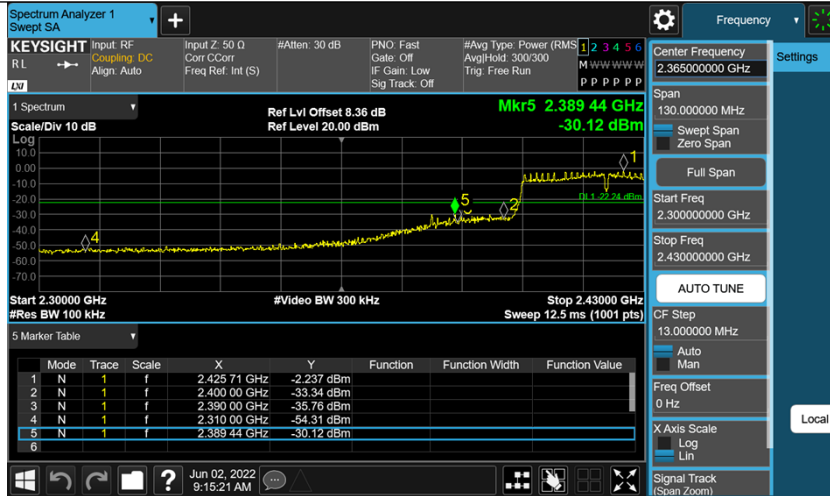
11N20 Ant1 Low 2412



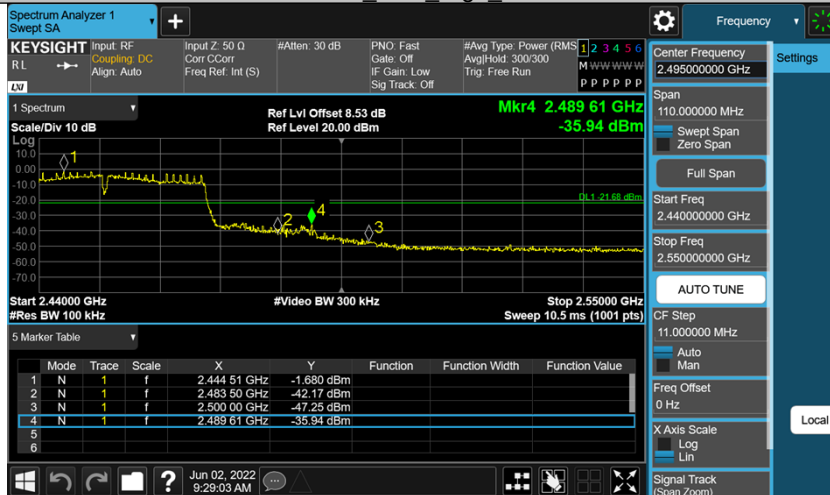
11N20 Ant1 High 2462



11N40 Ant1 Low 2422



11N40 Ant1 High 2452

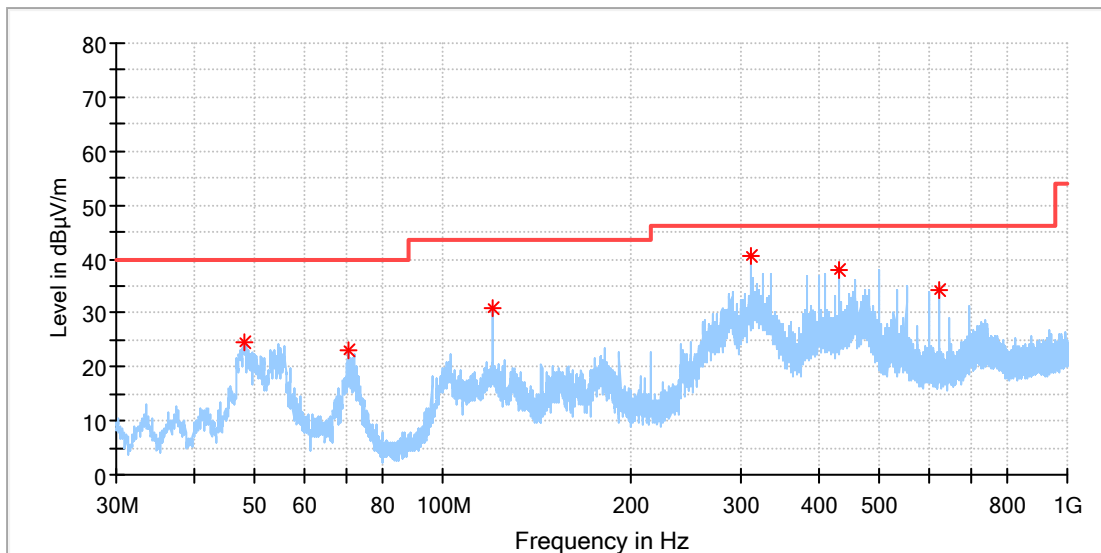


### Appendix B.5: Test Results of Radiated Spurious Emissions

Note: 1. Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.  
2. This testing was carried out on different modulations, but only the worst cases were presented in this report.  
**30MHz - 1GHz (Worst case)**

### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11b\_Ch6  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

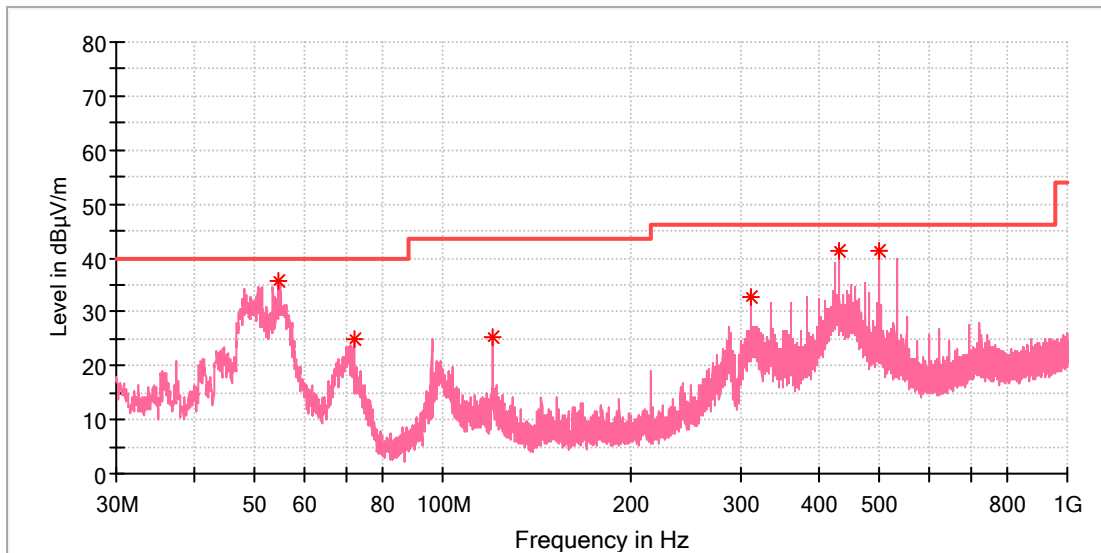
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
47.945000	24.45	40.00	15.55	100.0	H	241.0	-18.7
70.441539	23.11	40.00	16.89	100.0	H	250.0	-22.3
119.986154	30.84	43.50	12.66	100.0	H	210.0	-21.1
312.008846	40.72	46.00	5.28	100.0	H	96.0	-16.3
431.990385	37.99	46.00	8.01	100.0	H	40.0	-13.6
625.020385	34.39	46.00	11.61	100.0	H	119.0	-9.8

### Final\_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11b\_Ch6  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
54.585769	35.69	40.00	4.31	100.0	V	18.0	-18.7
72.008462	25.03	40.00	14.97	100.0	V	216.0	-22.8
119.986154	25.42	43.50	18.08	100.0	V	226.0	-21.1
312.008846	32.89	46.00	13.11	100.0	V	87.0	-16.3
432.027692	41.39	46.00	4.61	100.0	V	303.0	-13.6
500.002308	41.33	46.00	4.67	100.0	V	293.0	-12.2

### Final Result

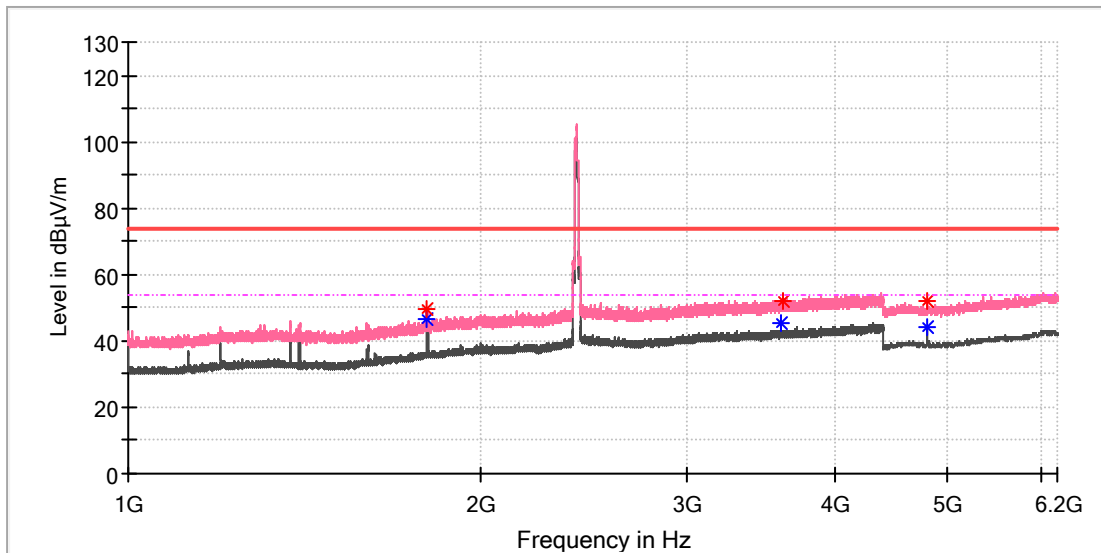
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---





### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11b\_Ch6  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

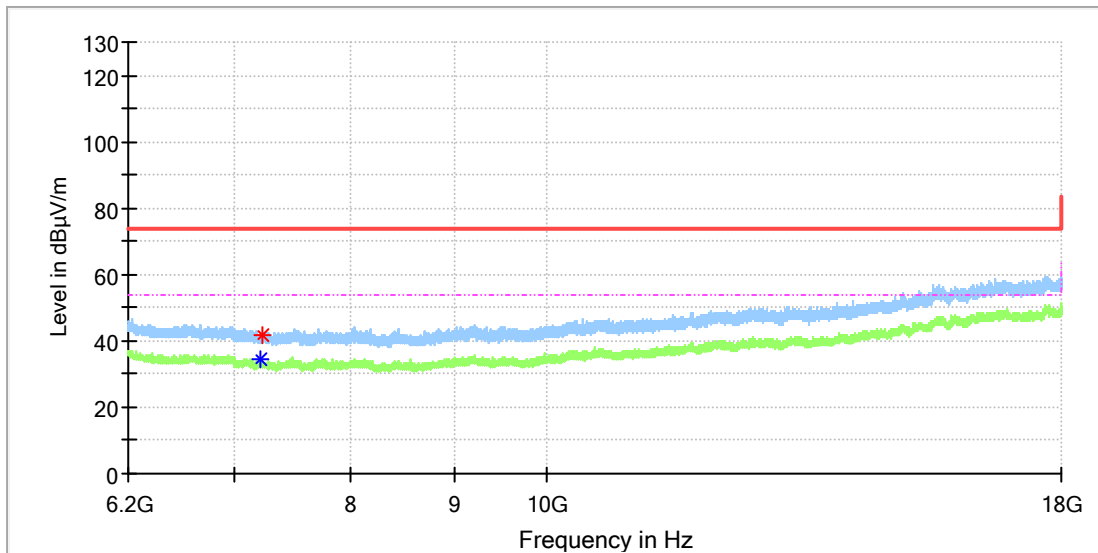
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1800.020000	---	46.35	54.00	7.65	100.0	V	284.0	4.7
1800.020000	49.45	---	74.00	24.55	100.0	V	284.0	4.7
3599.980000	---	45.65	54.00	8.35	100.0	V	52.0	9.3
3613.580000	52.24	---	74.00	21.76	100.0	V	294.0	9.4
4799.500000	52.04	---	74.00	21.96	100.0	V	243.0	11.8
4799.500000	---	44.17	54.00	9.83	100.0	V	243.0	11.8

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11b\_Ch1  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

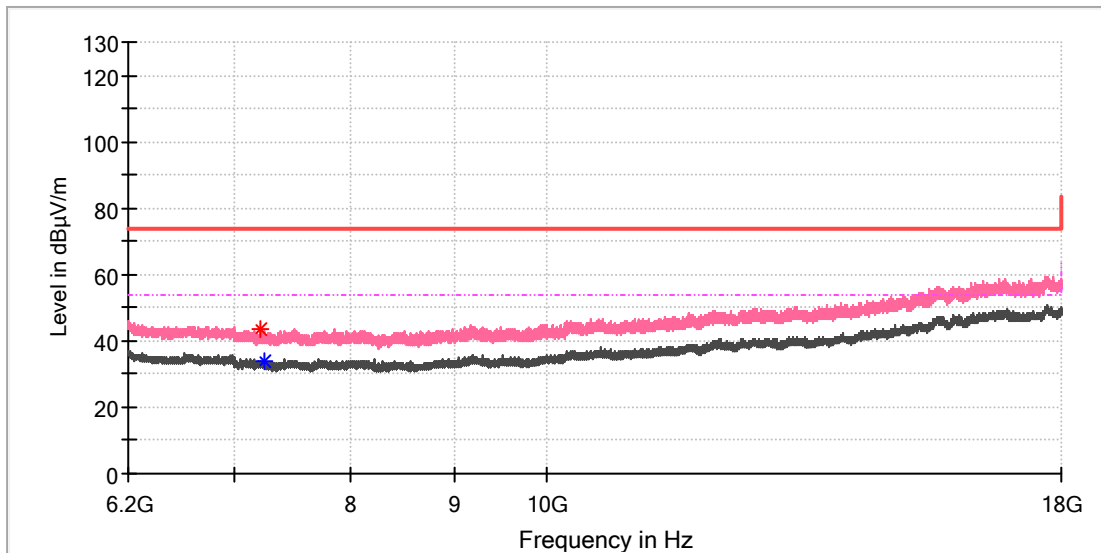
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7218.241667	---	34.41	54.00	19.59	100.0	H	46.0	8.7
7222.175000	41.89	---	74.00	32.11	100.0	H	202.0	8.7

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11b\_Ch1  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

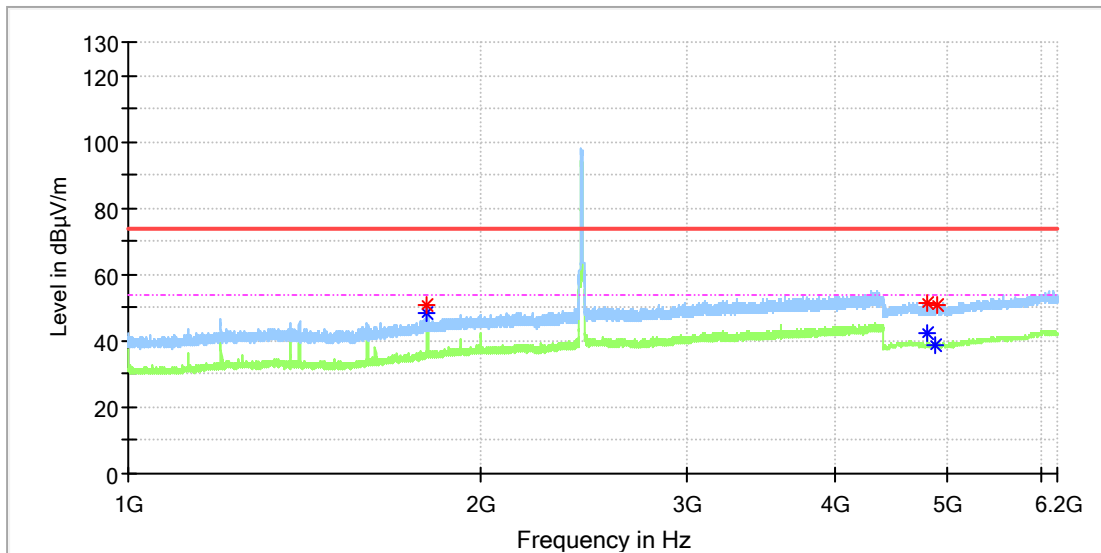
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7214.800000	43.34	---	74.00	30.66	100.0	V	221.0	8.7
7236.925000	---	33.82	54.00	20.18	100.0	V	308.0	8.6

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11b\_Ch6  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

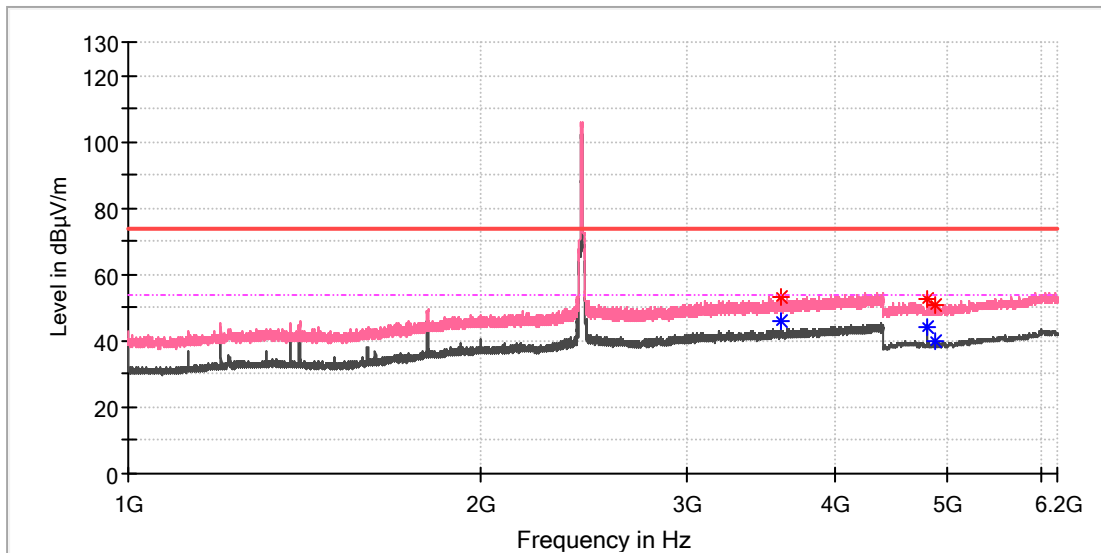
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1799.510000	50.75	---	74.00	23.25	100.0	H	272.0	4.7
1800.020000	---	48.55	54.00	5.45	100.0	H	354.0	4.7
4799.500000	51.66	---	74.00	22.34	100.0	H	270.0	11.8
4800.000000	---	42.57	54.00	11.43	100.0	H	283.0	11.8
4873.000000	---	38.98	54.00	15.02	100.0	H	183.0	11.8
4894.000000	50.99	---	74.00	23.01	100.0	H	229.0	11.8

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11b\_Ch6  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

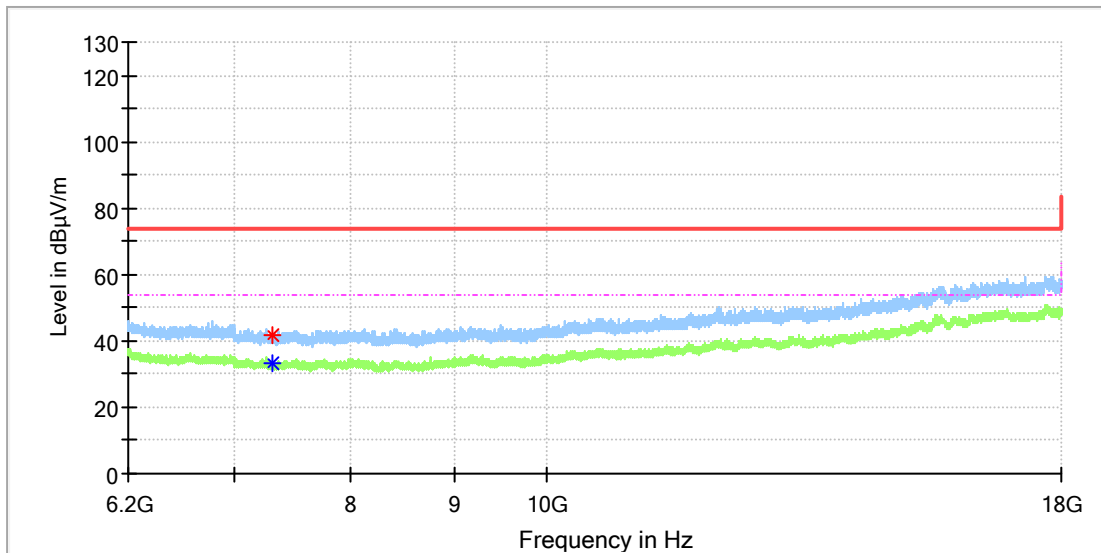
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3599.640000	52.97	---	74.00	21.03	100.0	V	95.0	9.3
3599.980000	---	45.82	54.00	8.18	100.0	V	73.0	9.3
4799.500000	---	44.31	54.00	9.69	100.0	V	238.0	11.8
4800.000000	52.63	---	74.00	21.37	100.0	V	245.0	11.8
4870.000000	50.68	---	74.00	23.32	100.0	V	109.0	11.8
4874.000000	---	40.14	54.00	13.86	100.0	V	347.0	11.8

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11b\_Ch6  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

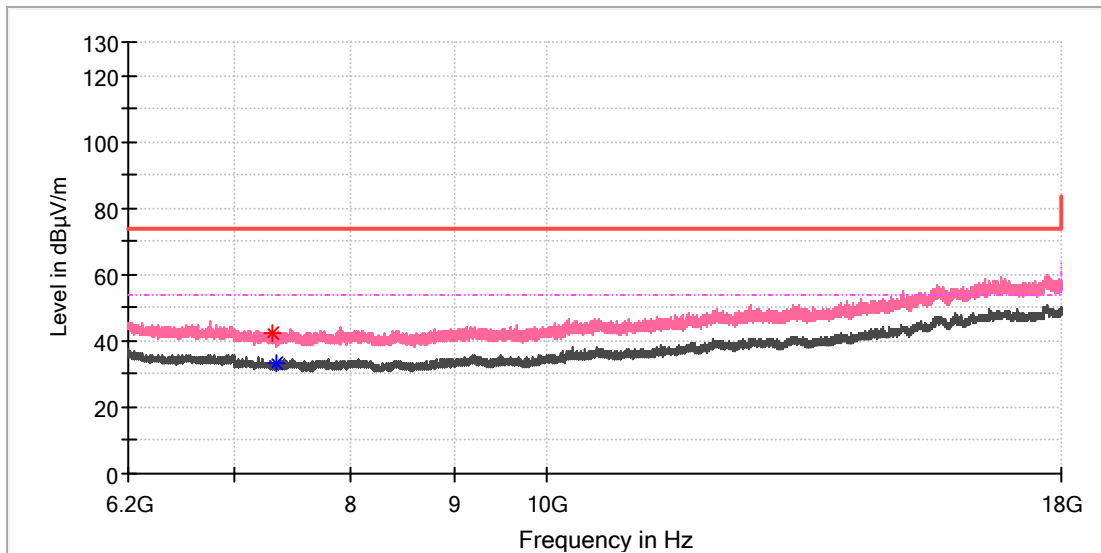
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7303.300000	41.93	---	74.00	32.07	100.0	H	0.0	8.3
7310.183333	---	33.51	54.00	20.49	100.0	H	56.0	8.2

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11b\_Ch6  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7310.675000	42.25	---	74.00	31.75	100.0	V	0.0	8.2
7340.666667	---	33.19	54.00	20.81	100.0	V	76.0	8.1

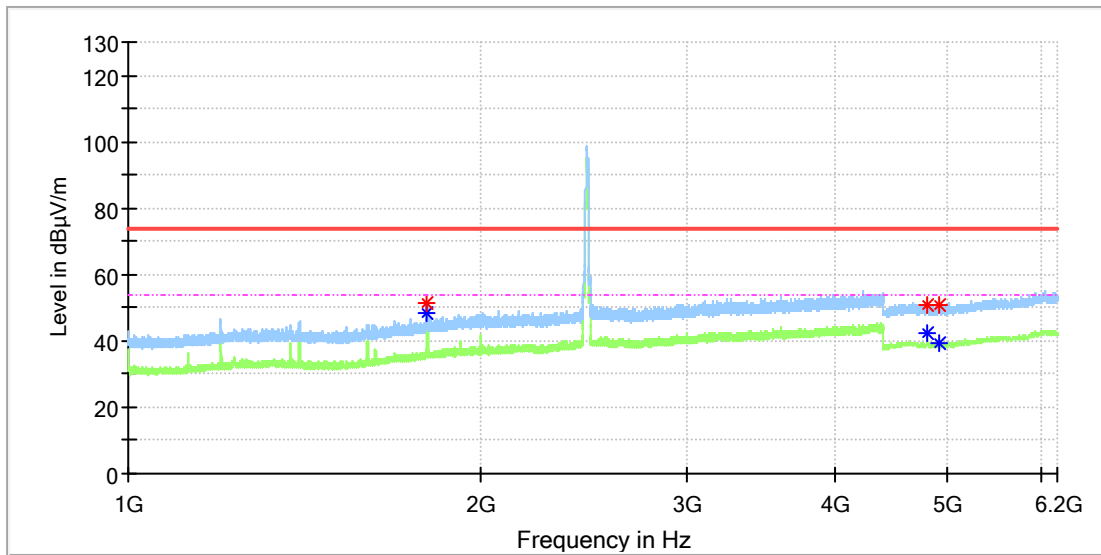
### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---



### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11b\_Ch6  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1799.850000	51.36	---	74.00	22.64	100.0	H	343.0	4.7
1800.020000	---	48.16	54.00	5.84	100.0	H	5.0	4.7
4799.500000	---	42.25	54.00	11.75	100.0	H	326.0	11.8
4803.000000	50.80	---	74.00	23.20	100.0	H	304.0	11.8
4915.000000	50.50	---	74.00	23.50	100.0	H	110.0	11.8
4924.500000	---	39.25	54.00	14.75	100.0	H	203.0	11.8

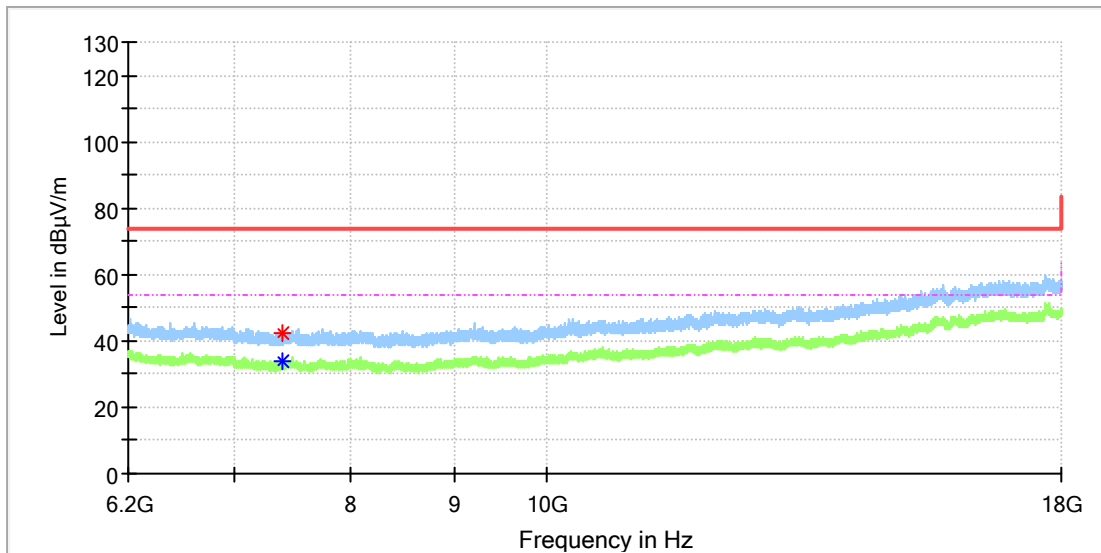
### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---



### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11b\_Ch11  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

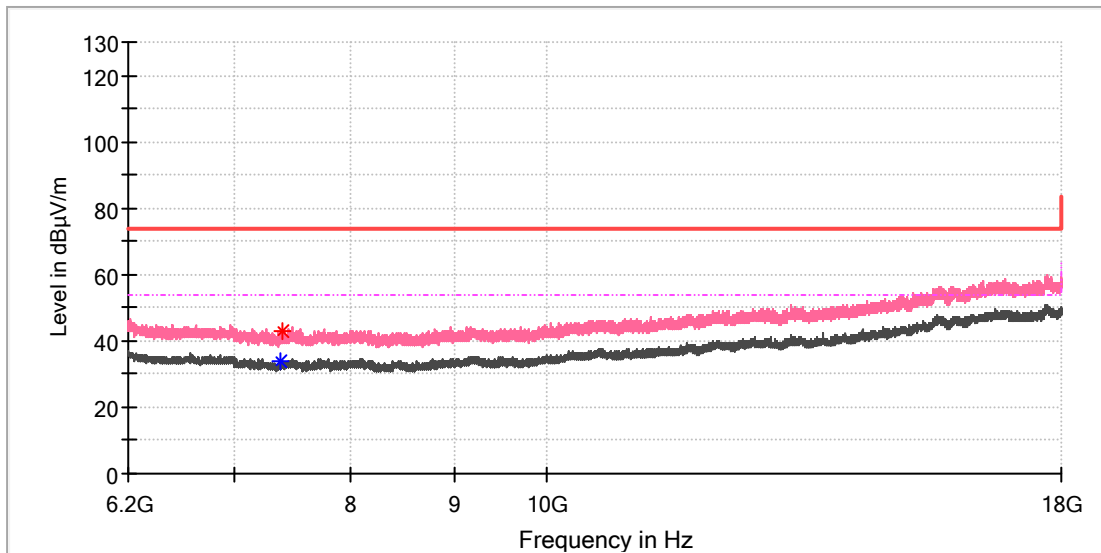
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7397.208333	---	33.93	54.00	20.07	100.0	H	18.0	8.3
7400.158333	42.52	---	74.00	31.48	100.0	H	131.0	8.3

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11b\_Ch11  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

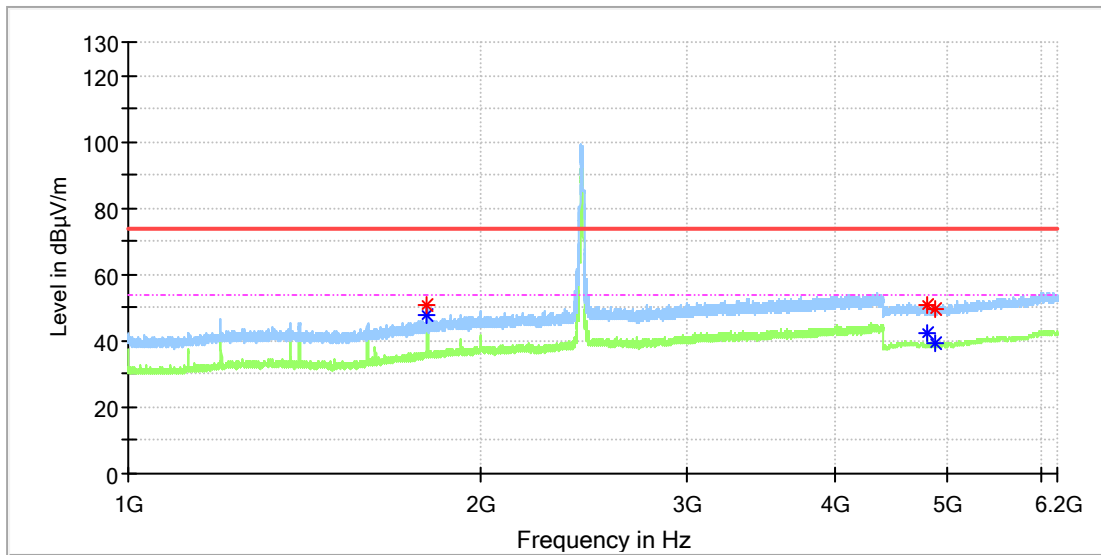
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7381.475000	---	33.70	54.00	20.30	100.0	V	159.0	8.2
7397.208333	43.17	---	74.00	30.83	100.0	V	146.0	8.3

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11g\_Ch6  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

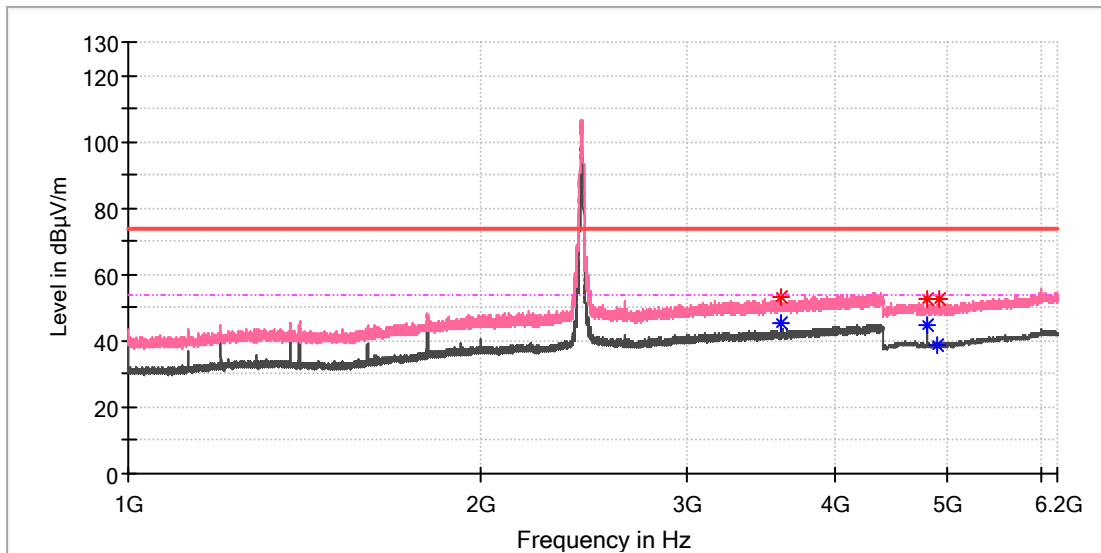
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1799.850000	51.08	---	74.00	22.92	100.0	H	353.0	4.7
1799.850000	---	47.84	54.00	6.16	100.0	H	353.0	4.7
4800.000000	---	42.14	54.00	11.86	100.0	H	297.0	11.8
4809.000000	50.72	---	74.00	23.28	100.0	H	205.0	11.8
4870.500000	---	39.11	54.00	14.89	100.0	H	310.0	11.8
4874.000000	49.80	---	74.00	24.20	100.0	H	288.0	11.8

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11g\_Ch6  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

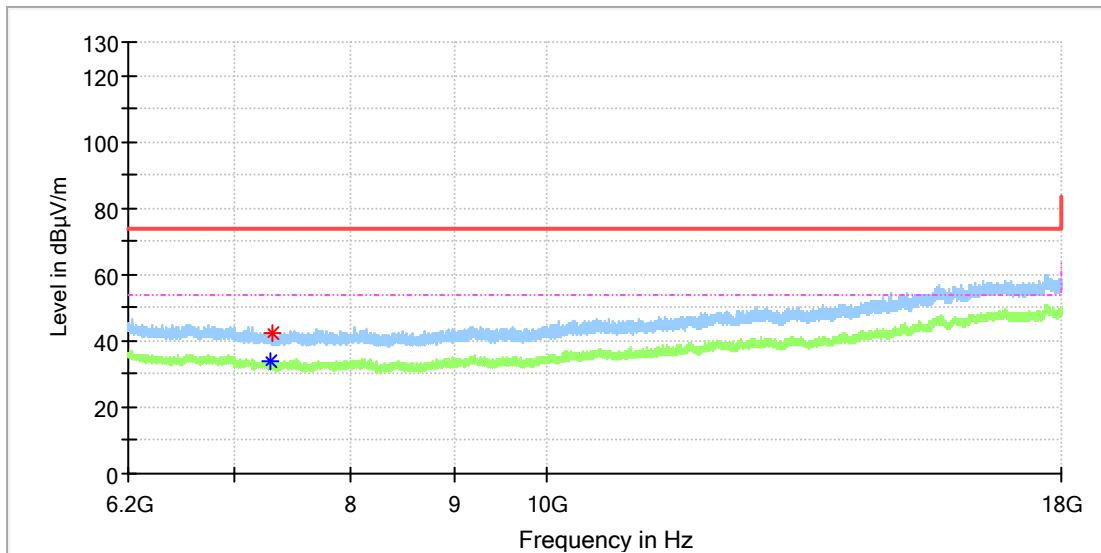
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3599.810000	---	45.33	54.00	8.67	100.0	V	67.0	9.3
3600.830000	52.94	---	74.00	21.06	100.0	V	45.0	9.3
4799.500000	52.47	---	74.00	21.53	100.0	V	238.0	11.8
4800.000000	---	44.82	54.00	9.18	100.0	V	238.0	11.8
4891.000000	---	38.98	54.00	15.02	100.0	V	148.0	11.8
4908.000000	52.35	---	74.00	21.65	100.0	V	303.0	11.8

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11g\_Ch6  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

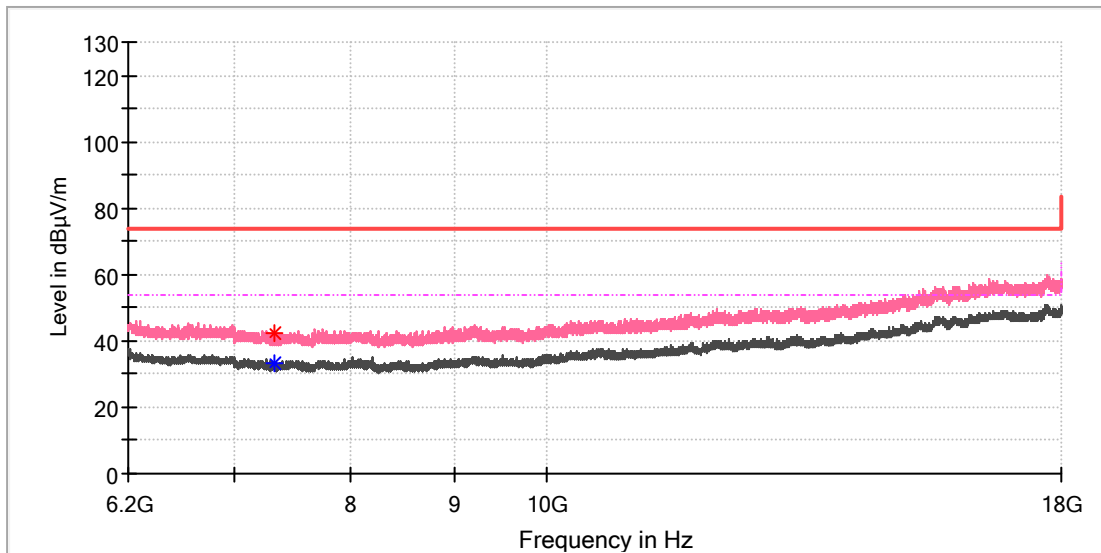
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7296.908333	---	33.95	54.00	20.05	100.0	H	261.0	8.3
7313.625000	42.20	---	74.00	31.80	100.0	H	172.0	8.2

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11g\_Ch6  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7322.966667	---	33.33	54.00	20.67	100.0	V	306.0	8.2
7332.800000	42.24	---	74.00	31.76	100.0	V	342.0	8.1

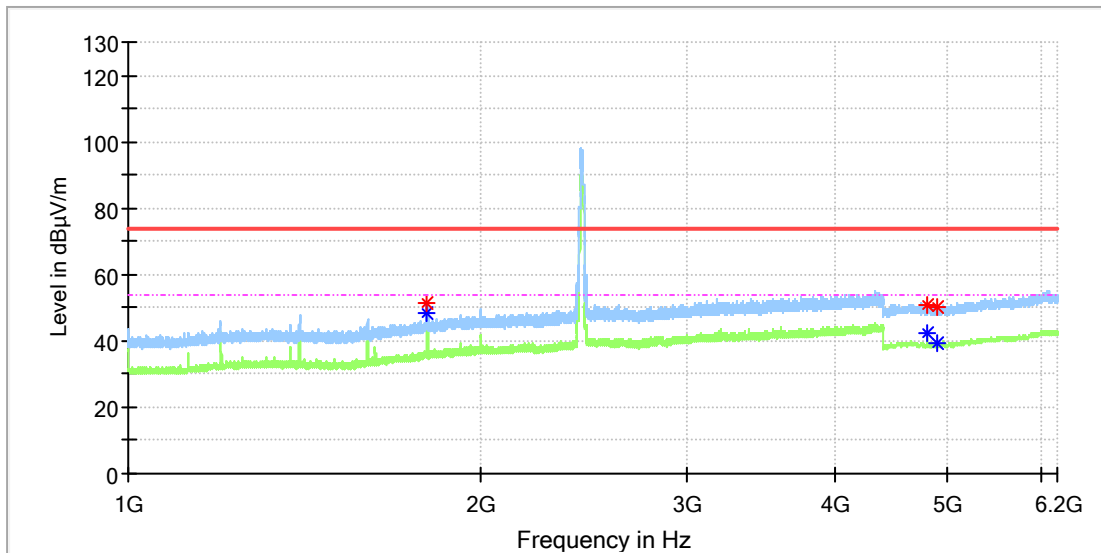
### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11n20\_Ch6  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

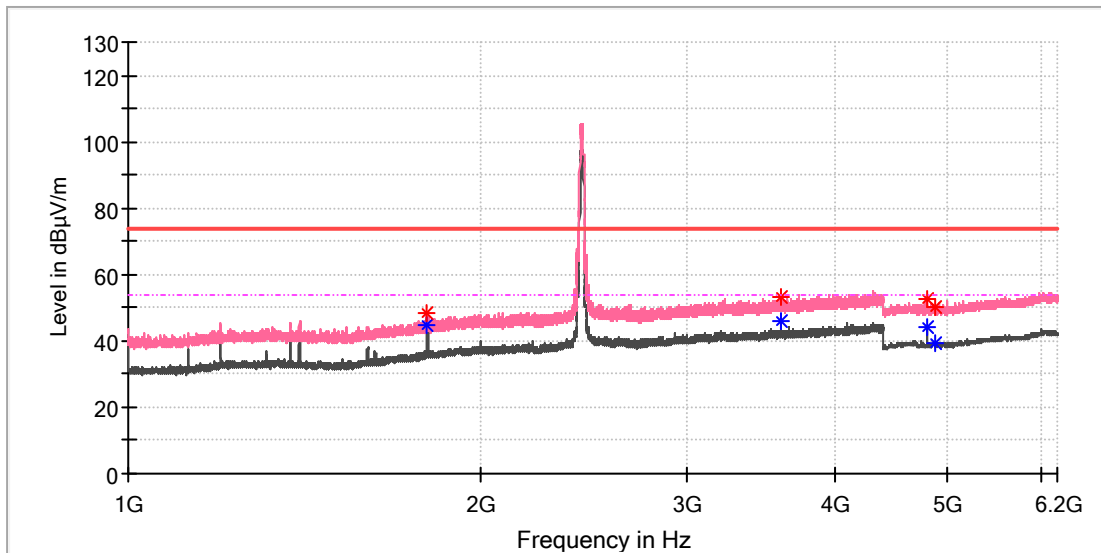
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1799.850000	---	48.60	54.00	5.40	100.0	H	345.0	4.7
1800.020000	51.54	---	74.00	22.46	100.0	H	356.0	4.7
4793.000000	50.73	---	74.00	23.27	100.0	H	288.0	11.8
4800.000000	---	42.19	54.00	11.81	100.0	H	274.0	11.8
4896.000000	50.43	---	74.00	23.57	100.0	H	259.0	11.8
4899.000000	---	39.22	54.00	14.78	100.0	H	311.0	11.8

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11n20\_Ch6  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

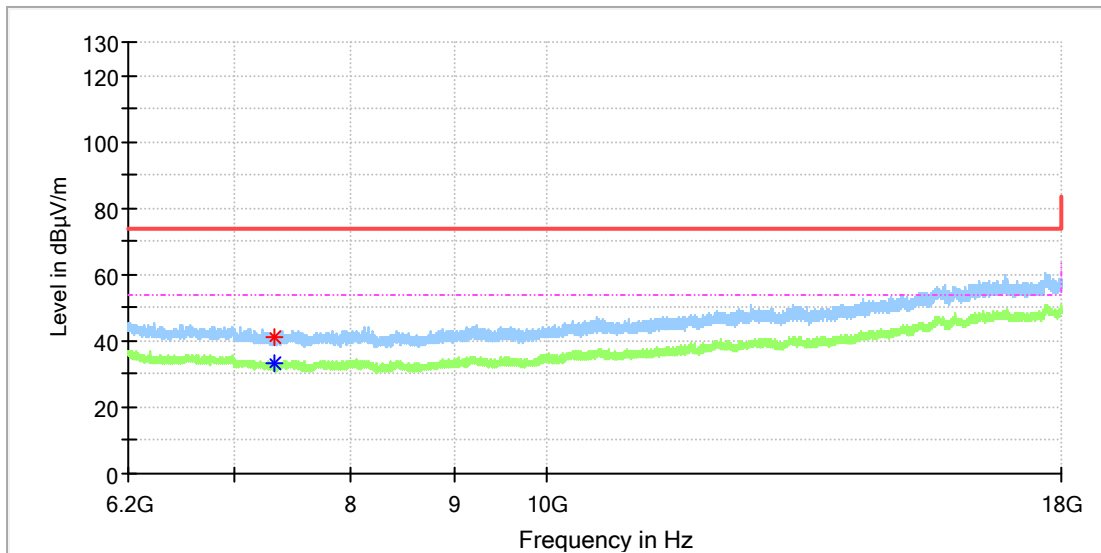
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1799.680000	48.12	---	74.00	25.88	100.0	V	314.0	4.7
1799.680000	---	44.53	54.00	9.47	100.0	V	314.0	4.7
3599.810000	53.42	---	74.00	20.58	100.0	V	63.0	9.3
3600.320000	---	45.95	54.00	8.05	100.0	V	98.0	9.3
4799.500000	---	43.98	54.00	10.02	100.0	V	241.0	11.8
4799.500000	52.41	---	74.00	21.59	100.0	V	241.0	11.8
4871.000000	49.97	---	74.00	24.03	100.0	V	290.0	11.8
4874.500000	---	39.01	54.00	14.99	100.0	V	137.0	11.8

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11n20\_Ch6  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

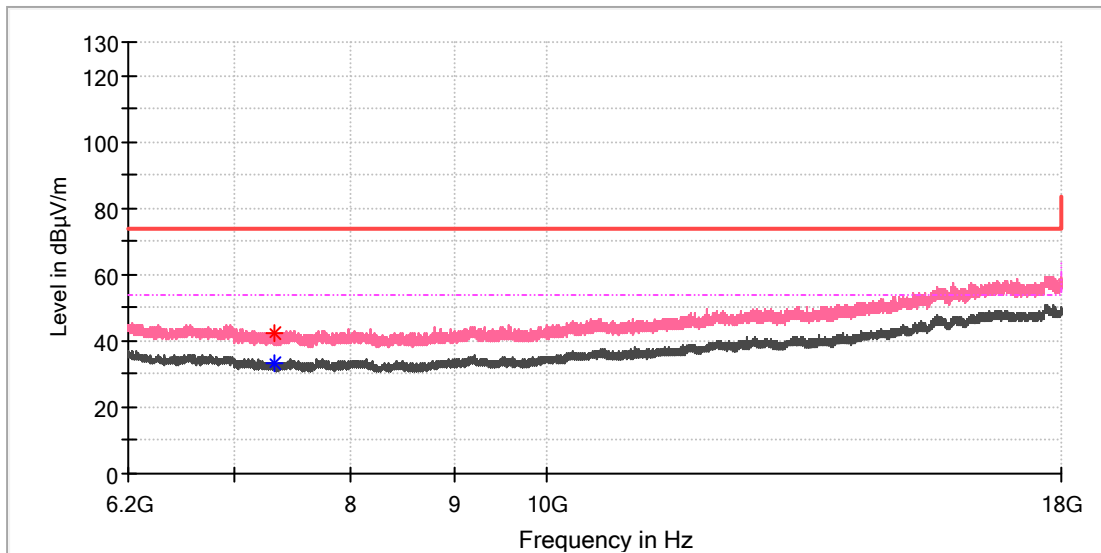
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7324.933333	---	33.04	54.00	20.96	100.0	H	208.0	8.2
7325.916667	41.35	---	74.00	32.65	100.0	H	208.0	8.2

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11n20\_Ch6  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

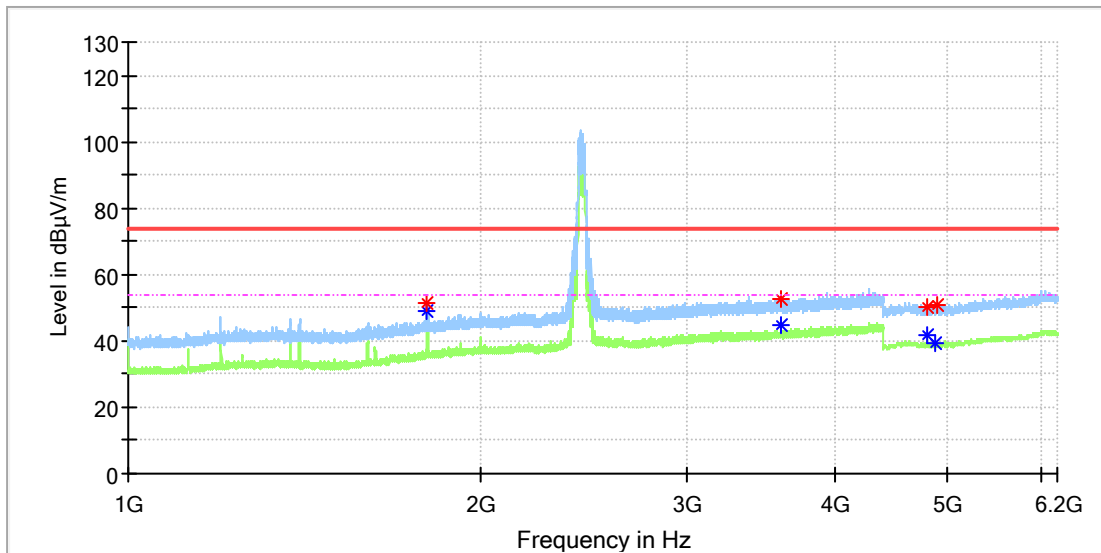
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7318.541667	42.22	---	74.00	31.78	100.0	V	0.0	8.2
7321.000000	---	33.29	54.00	20.71	100.0	V	203.0	8.2

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11n40\_Ch6  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

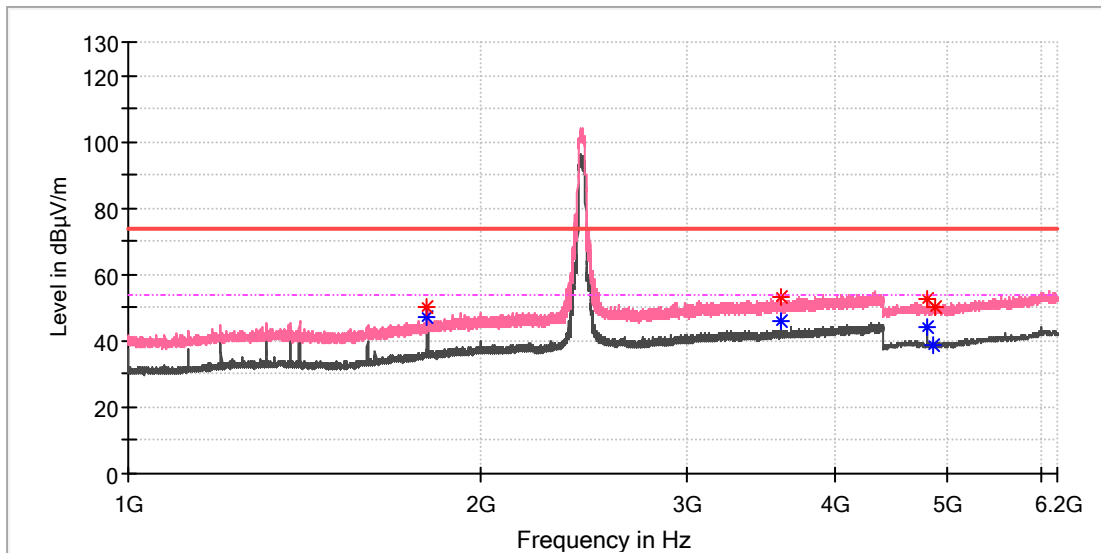
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1800.020000	---	49.03	54.00	4.97	100.0	H	341.0	4.7
1800.020000	51.61	---	74.00	22.39	100.0	H	341.0	4.7
3599.810000	52.39	---	74.00	21.61	100.0	H	129.0	9.3
3599.980000	---	44.74	54.00	9.26	100.0	H	50.0	9.3
4800.000000	50.33	---	74.00	23.67	100.0	H	275.0	11.8
4800.000000	---	41.84	54.00	12.16	100.0	H	275.0	11.8
4883.000000	---	39.09	54.00	14.91	100.0	H	152.0	11.8
4892.000000	50.61	---	74.00	23.39	100.0	H	262.0	11.8

### Final\_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11n40\_Ch6  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

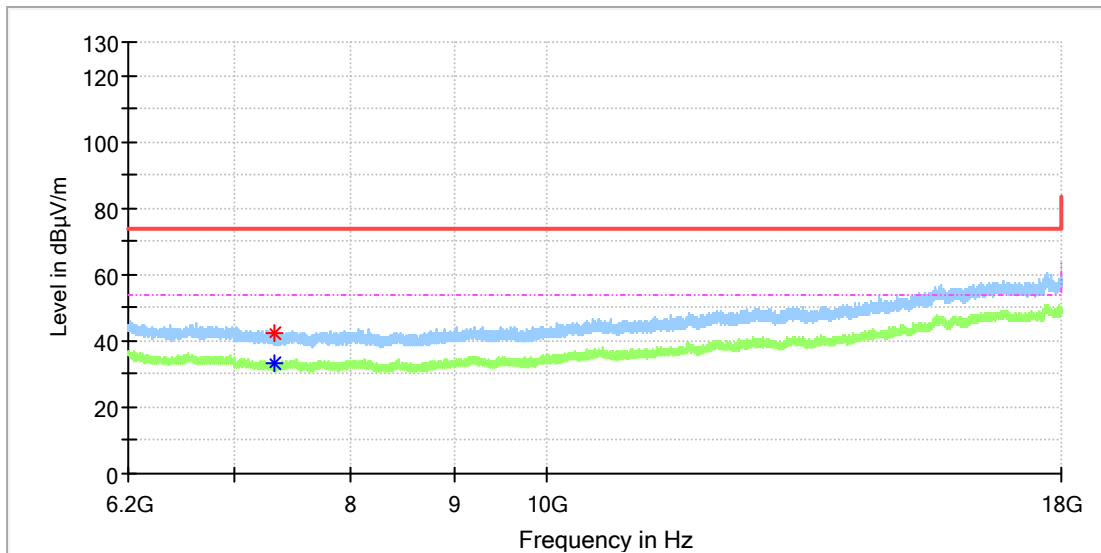
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1799.850000	50.19	---	74.00	23.81	100.0	V	285.0	4.7
1800.020000	---	46.88	54.00	7.12	100.0	V	285.0	4.7
3599.470000	53.35	---	74.00	20.65	100.0	V	70.0	9.3
3599.980000	---	45.71	54.00	8.29	100.0	V	70.0	9.3
4800.000000	52.38	---	74.00	21.62	100.0	V	269.0	11.8
4800.000000	---	44.19	54.00	9.81	100.0	V	269.0	11.8
4864.500000	---	38.96	54.00	15.04	100.0	V	343.0	11.8
4884.500000	50.18	---	74.00	23.82	100.0	V	356.0	11.8

### Final\_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11n40\_Ch6  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

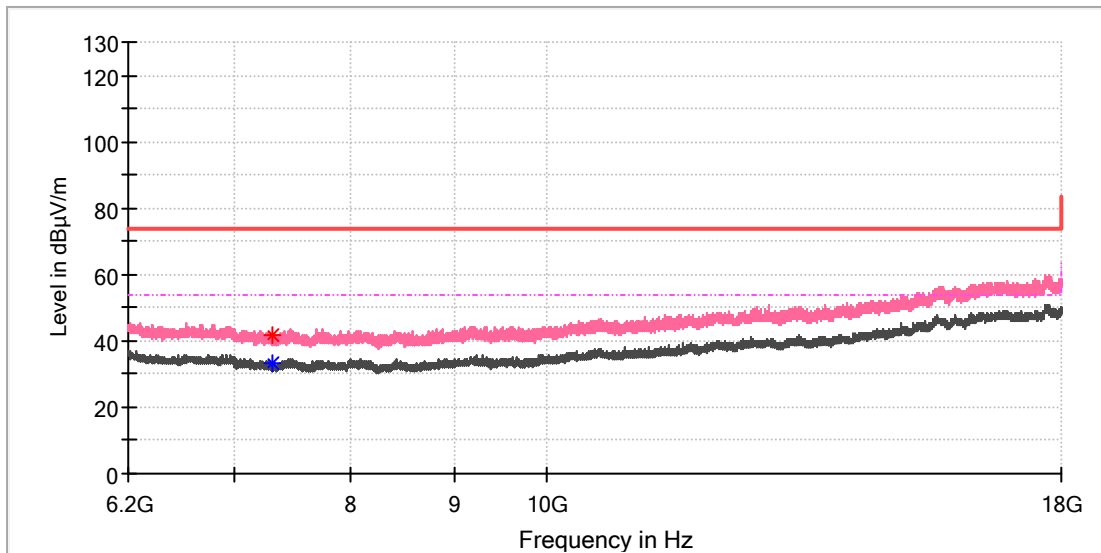
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7322.966667	42.36	---	74.00	31.64	100.0	H	168.0	8.2
7325.916667	---	33.20	54.00	20.80	100.0	H	218.0	8.2

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11n40\_Ch6  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7308.216667	41.73	---	74.00	32.27	100.0	V	35.0	8.2
7308.216667	---	33.32	54.00	20.68	100.0	V	35.0	8.2

### Final Result

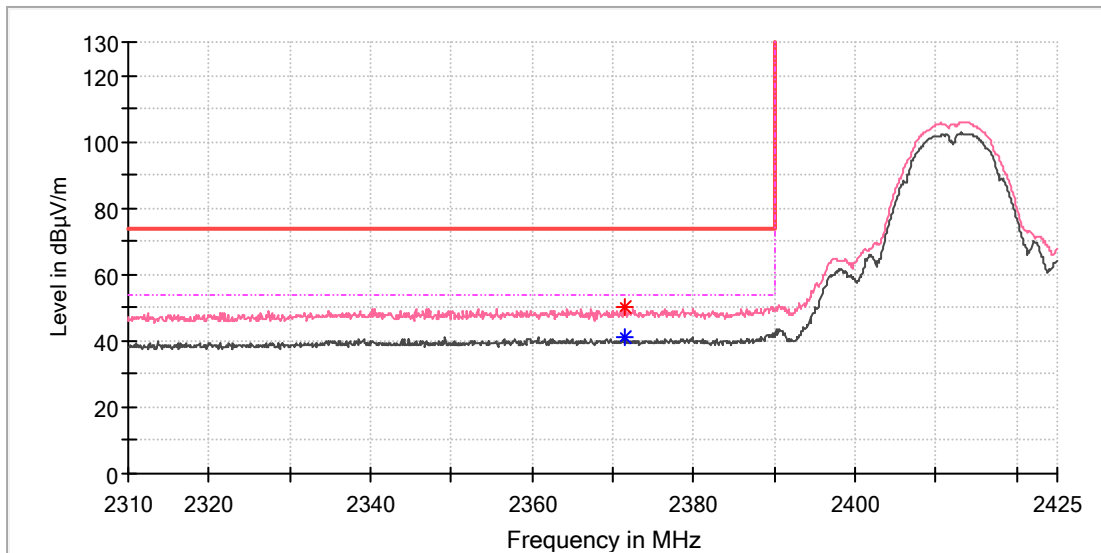
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11b\_Ch1  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

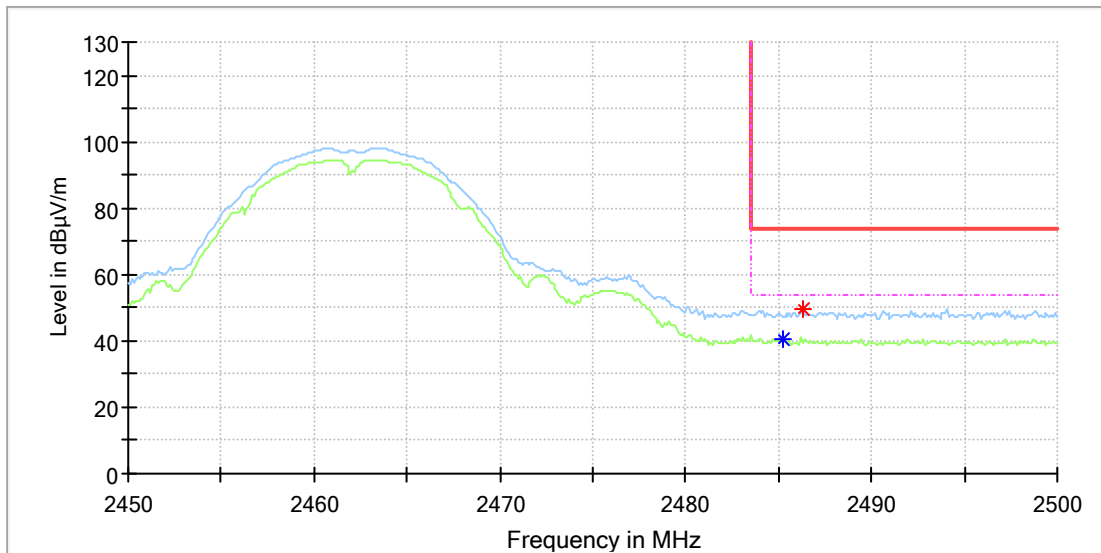
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2371.500000	50.15	---	74.00	23.85	150.0	V	341.0	6.9
2371.500000	---	41.41	54.00	12.59	150.0	V	341.0	6.9

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11b\_Ch11  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

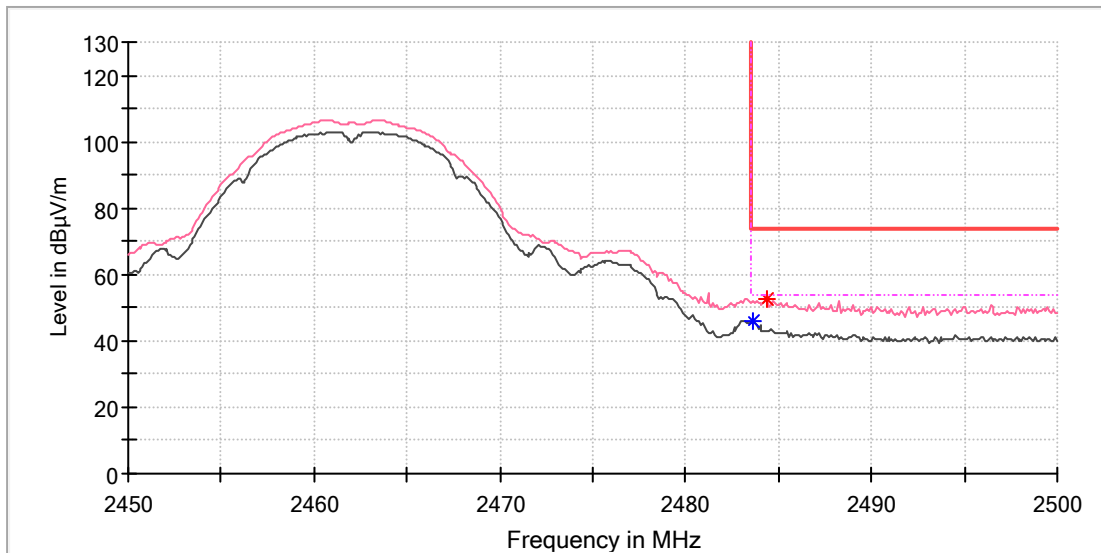
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.200000	---	40.62	54.00	13.38	150.0	H	270.0	7.4
2486.300000	49.55	---	74.00	24.45	150.0	H	58.0	7.4

### Final\_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11b\_Ch11  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

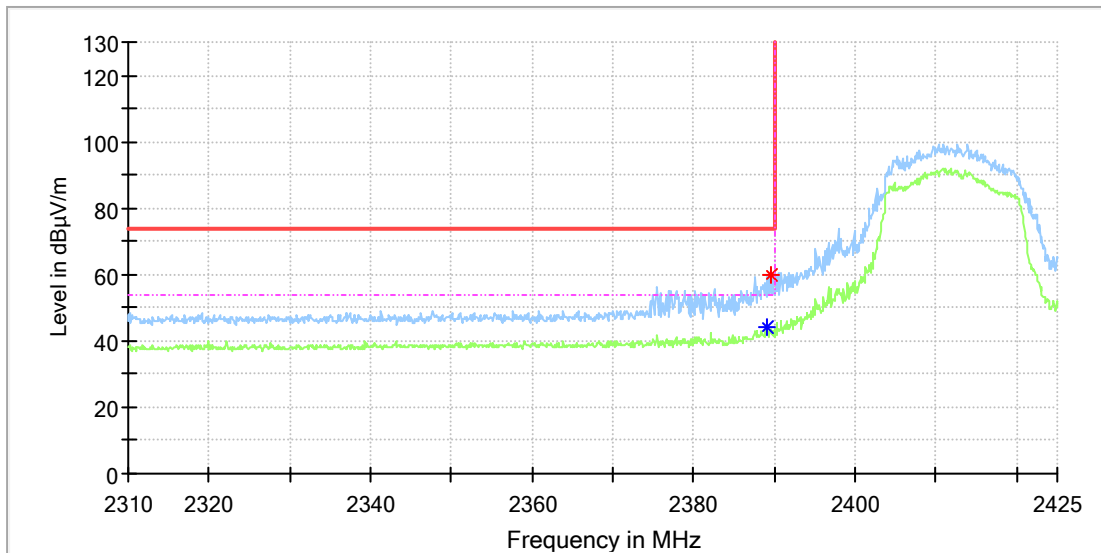
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.600000	---	45.93	54.00	8.07	150.0	V	341.0	7.4
2484.400000	52.45	---	74.00	21.55	150.0	V	25.0	7.4

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11g\_Ch1  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

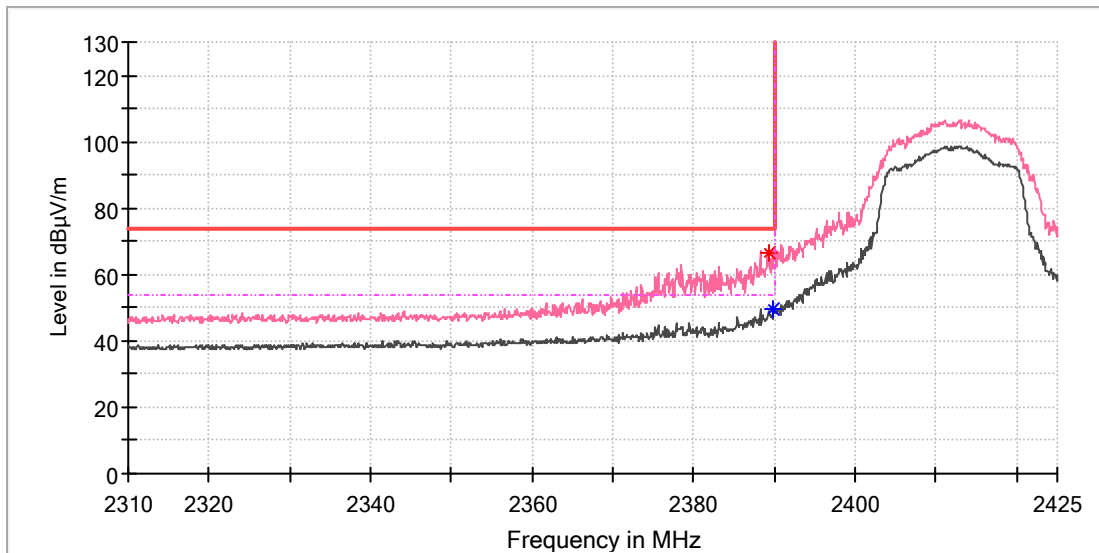
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.100000	---	43.87	54.00	10.13	100.0	H	289.0	7.0
2389.500000	60.07	---	74.00	13.93	100.0	H	209.0	7.0

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11g\_Ch1  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

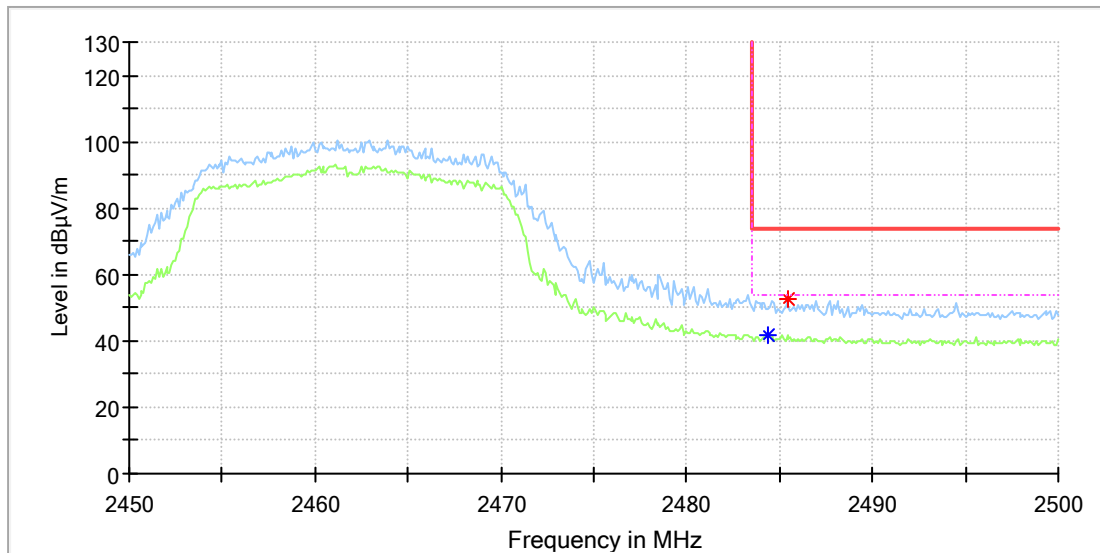
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.200000	66.73	---	74.00	7.27	100.0	V	0.0	7.0
2389.800000	---	49.58	54.00	4.42	100.0	V	154.0	7.0

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11g\_Ch11  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

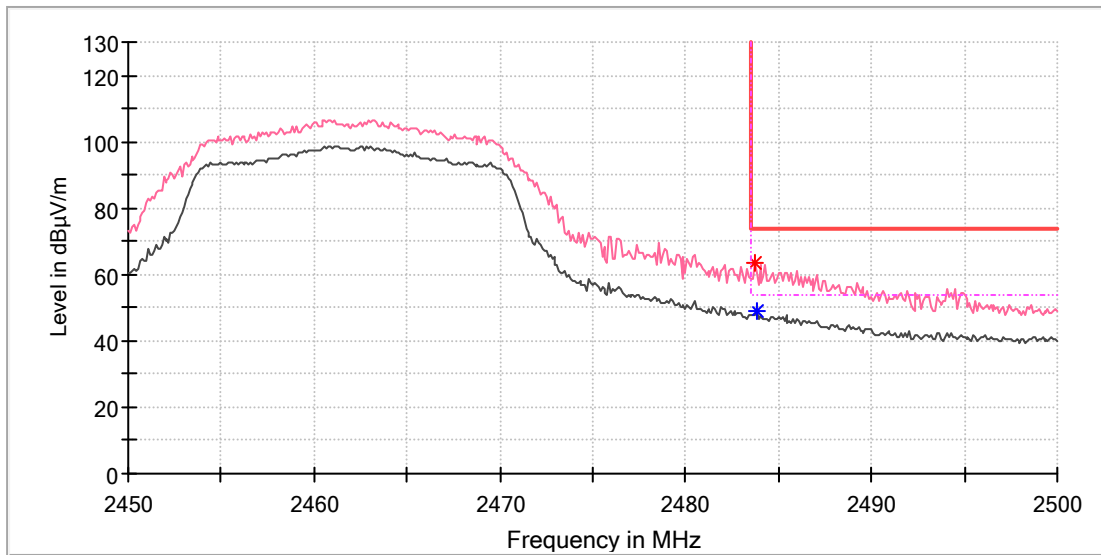
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.400000	---	41.89	54.00	12.11	100.0	H	297.0	7.4
2485.400000	52.71	---	74.00	21.29	100.0	H	0.0	7.4

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11g\_Ch11  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.700000	63.24	---	74.00	10.76	100.0	V	0.0	7.4
2483.800000	---	49.16	54.00	4.84	100.0	V	0.0	7.4

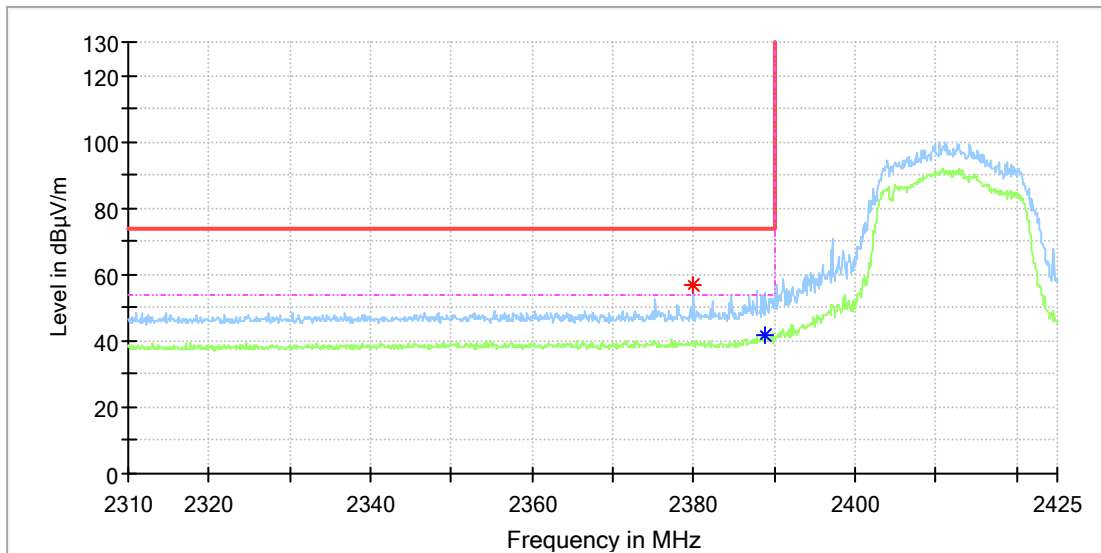
### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---



### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11n20\_Ch1  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

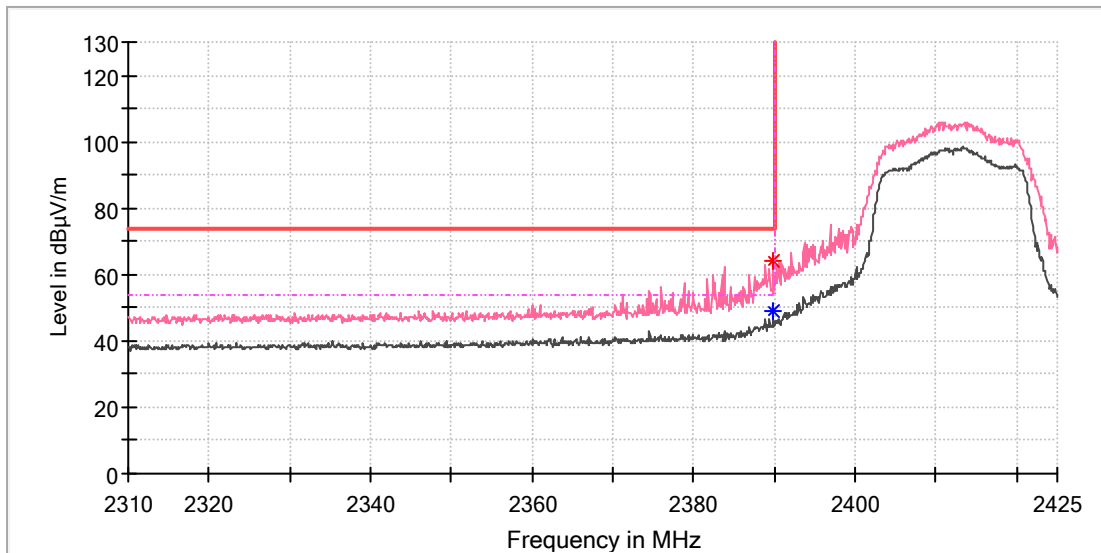
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2380.000000	56.78	---	74.00	17.22	100.0	H	232.0	7.0
2388.900000	---	41.46	54.00	12.54	100.0	H	1.0	7.0

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11n20\_Ch1  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

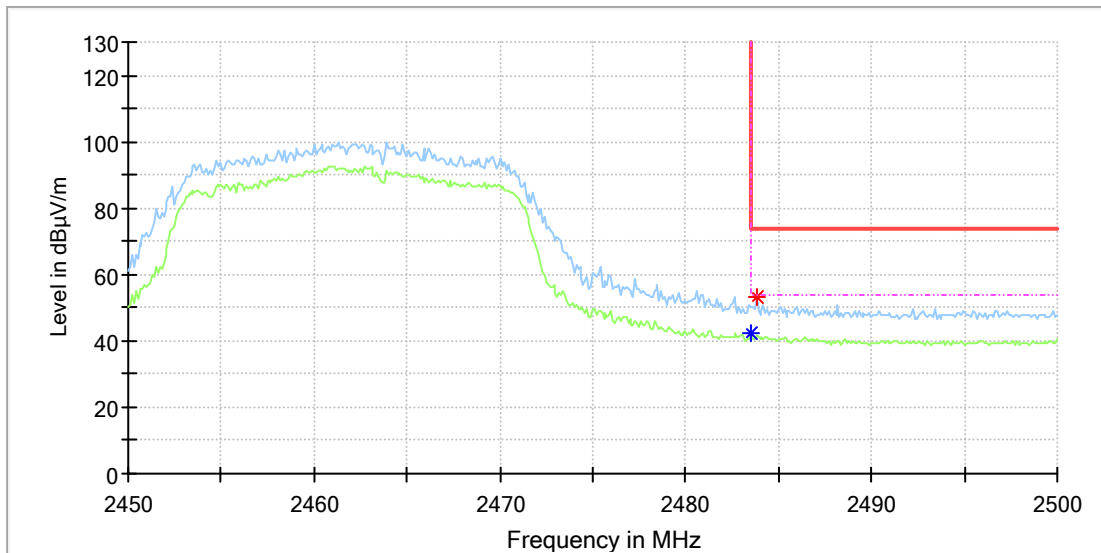
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.800000	64.03	---	74.00	9.97	100.0	V	350.0	7.0
2389.800000	---	48.80	54.00	5.20	100.0	V	350.0	7.0

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11n20\_Ch11  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

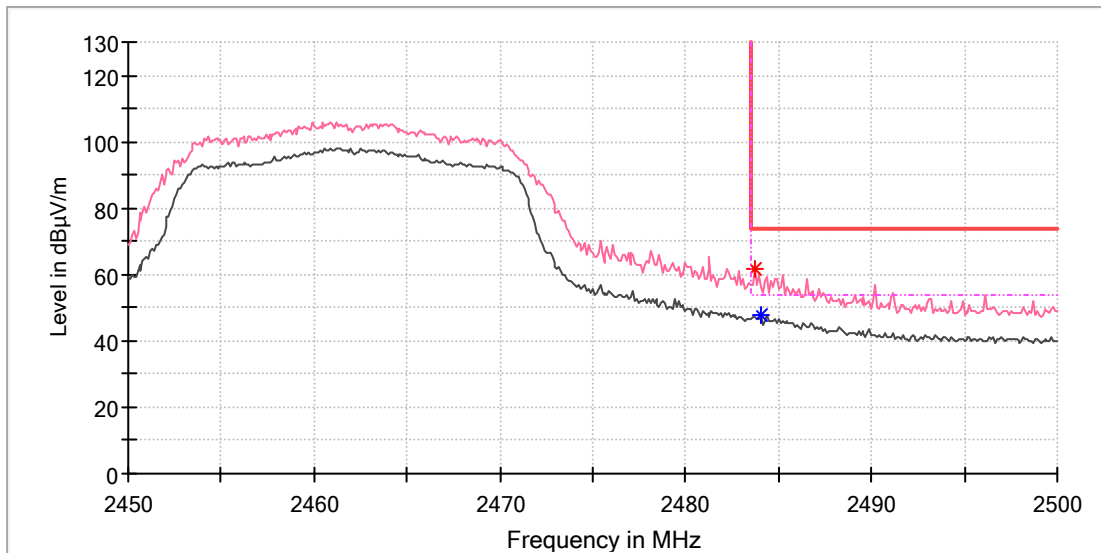
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.500000	---	42.22	54.00	11.78	100.0	H	226.0	7.4
2483.800000	53.22	---	74.00	20.78	100.0	H	0.0	7.4

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11n20\_Ch11  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

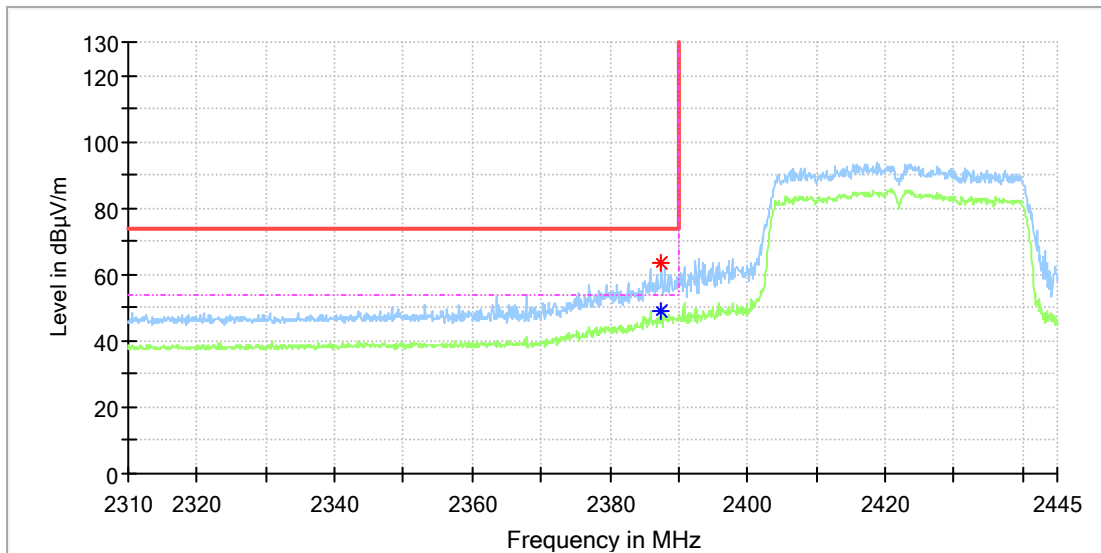
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.700000	61.89	---	74.00	12.11	100.0	V	0.0	7.4
2484.100000	---	47.51	54.00	6.49	100.0	V	355.0	7.4

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11n40\_Ch3  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

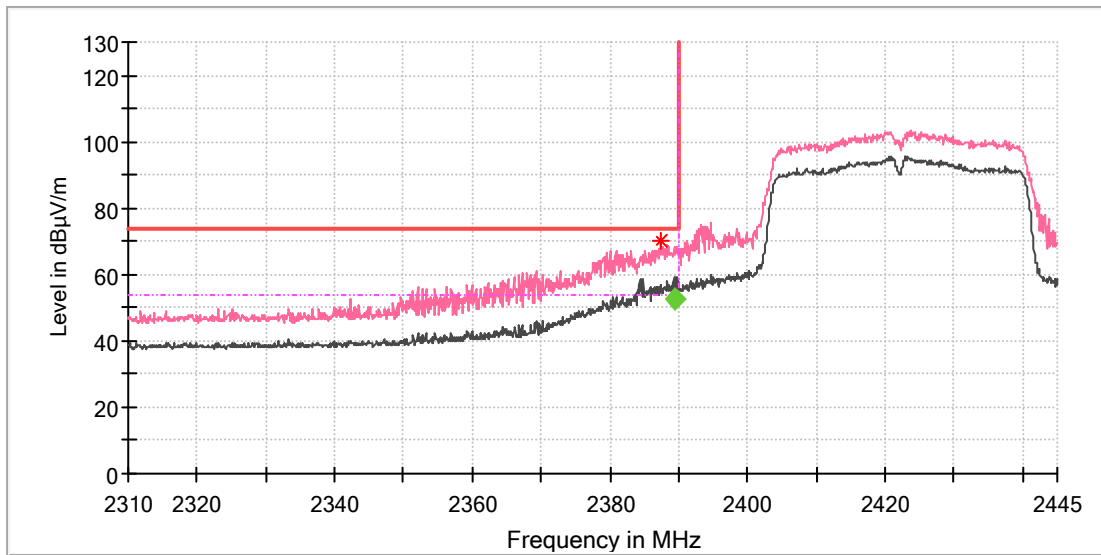
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.500000	---	48.93	54.00	5.07	100.0	H	263.0	7.0
2387.500000	63.23	---	74.00	10.77	100.0	H	263.0	7.0

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11n40\_Ch3  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

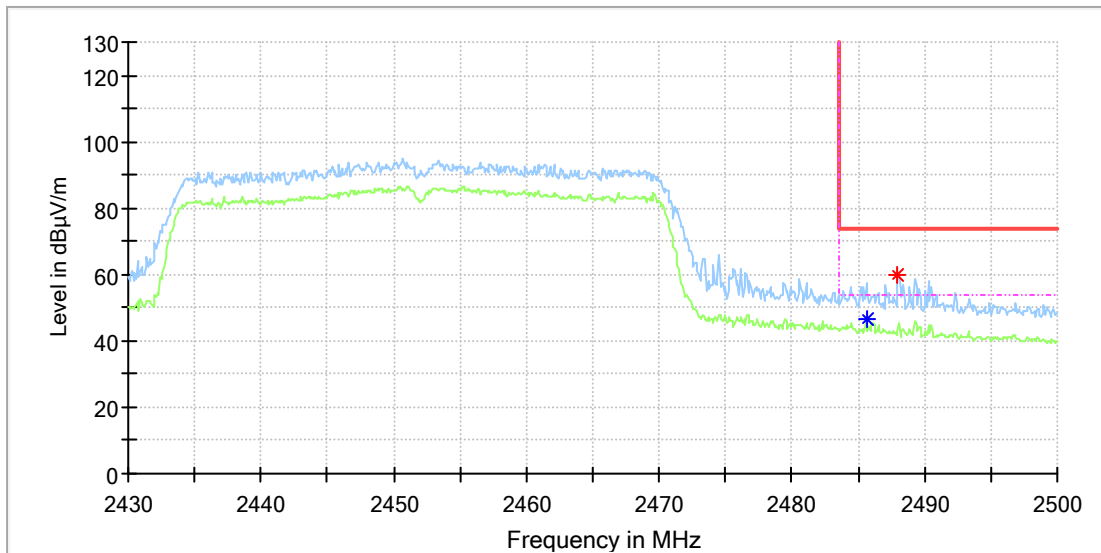
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.400000	69.92	---	74.00	4.08	100.0	V	305.0	7.0

### Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.517300	52.80	54.00	1.20	100.0	V	87.0	7.0

### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11n40\_Ch9  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

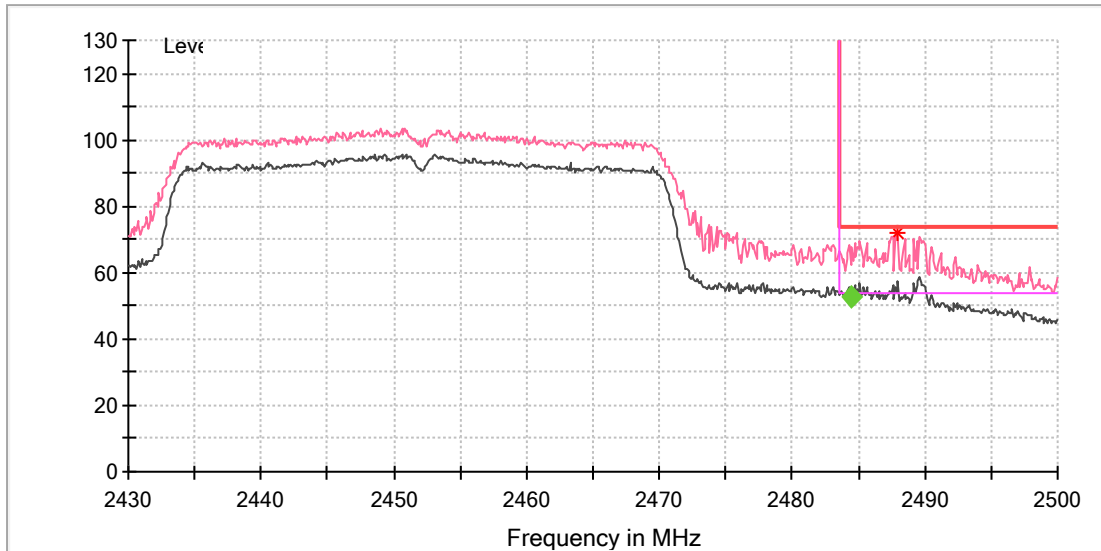
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.600000	---	46.35	54.00	7.65	100.0	H	263.0	7.4
2488.000000	59.74	---	74.00	14.26	100.0	H	0.0	7.4

### Final\_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 2.4G\_11n40\_Ch9  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2488.000000	72.21	---	74.00	1.79	100.0	V	0.0	7.4

### Final Result

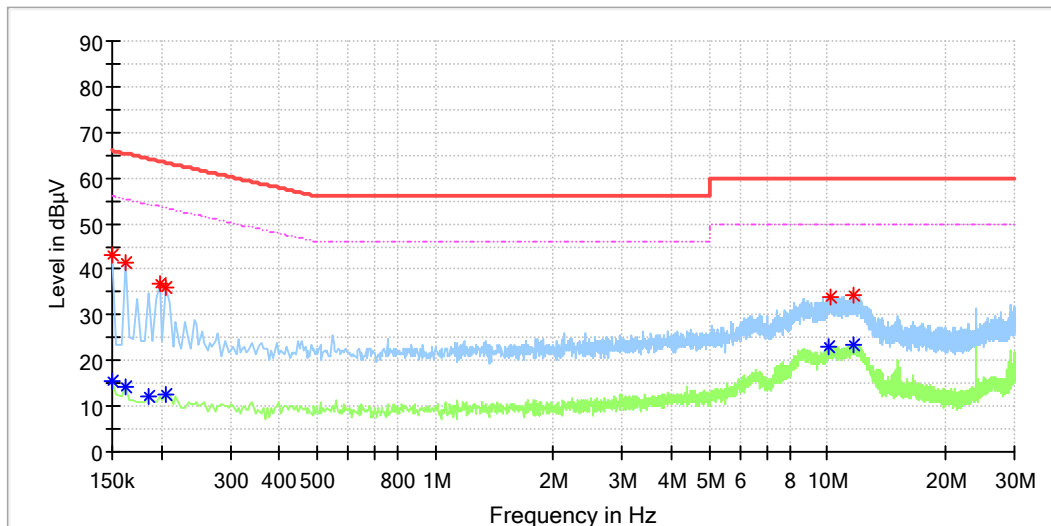
Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.525900	52.80	54.00	1.20	100.0	V	-5.0	7.4



## Appendix B.7: Test Results of Conducted Emission

### EUT Information

EUT Name:	plant controller
Order Number:	168435417
Model:	IQ5-00-BW-24
Test Mode:	On, Normal working with BLE & Wi-Fi connecting
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15B
Test By./Review By:	Charlie Zha / Gary Chen
Tem./Hum./Pressure:	25.0°C/51.2%/101kPa
Remark:	SR2

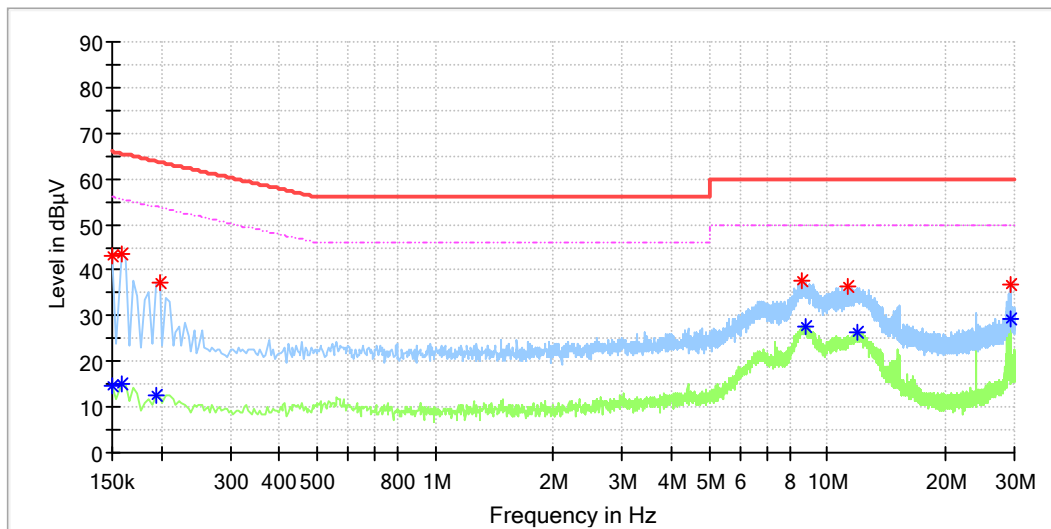


### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.150000	43.25	---	66.00	22.75	L1	9.9
0.150000	---	15.63	56.00	40.37	L1	9.9
0.162000	---	14.38	55.36	40.98	L1	9.9
0.162000	41.61	---	65.36	23.75	L1	9.9
0.186000	---	12.19	54.21	42.02	L1	9.9
0.198000	36.91	---	63.69	26.78	L1	9.9
0.206000	35.96	---	63.37	27.40	L1	9.9
0.206000	---	12.58	53.37	40.79	L1	9.9
10.062000	---	23.01	50.00	26.99	L1	10.3
10.202000	33.97	---	60.00	26.03	L1	10.3
11.654000	---	23.55	50.00	26.45	L1	10.3
11.686000	34.28	---	60.00	25.72	L1	10.3

### EUT Information

EUT Name: plant controller  
 Order Number: 168435417  
 Model: IQ5-00-BW-24  
 Test Mode: On, Normal working with BLE & Wi-Fi connecting  
 Test Voltage: AC 120V/60Hz  
 Test Standard: FCC Part 15B  
 Test By:/Review By: Charlie Zha / Gary Chen  
 Tem./Hum./Pressure: 25.0°C/51.2%/101kPa  
 Remark: SR2



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.150000	---	14.57	56.00	41.43	N	9.8
0.150000	43.15	---	66.00	22.85	N	9.8
0.158000	---	15.14	55.57	40.43	N	9.8
0.158000	43.54	---	65.57	22.03	N	9.8
0.194000	---	12.44	53.86	41.42	N	9.8
0.198000	37.35	---	63.69	26.34	N	9.8
8.614000	37.51	---	60.00	22.49	N	10.0
8.790000	---	27.82	50.00	22.18	N	10.0
11.266000	36.30	---	60.00	23.70	N	10.1
11.974000	---	26.40	50.00	23.60	N	10.1
29.238000	---	29.23	50.00	20.77	N	10.4
29.238000	37.01	---	60.00	22.99	N	10.4