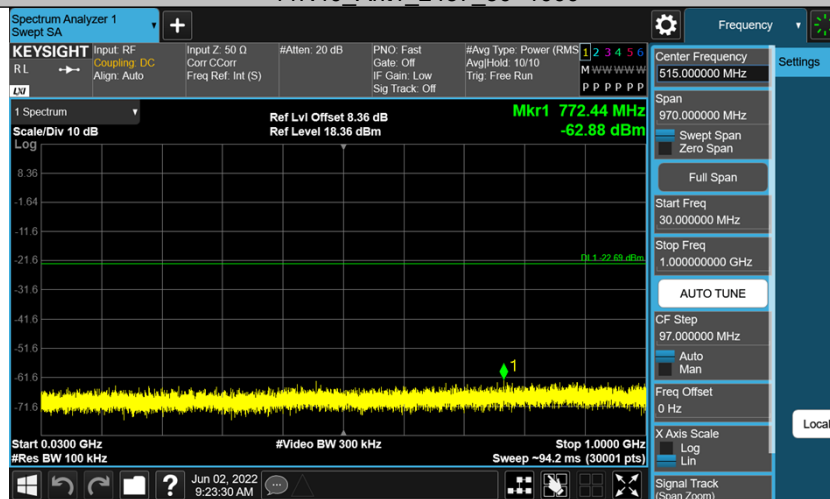
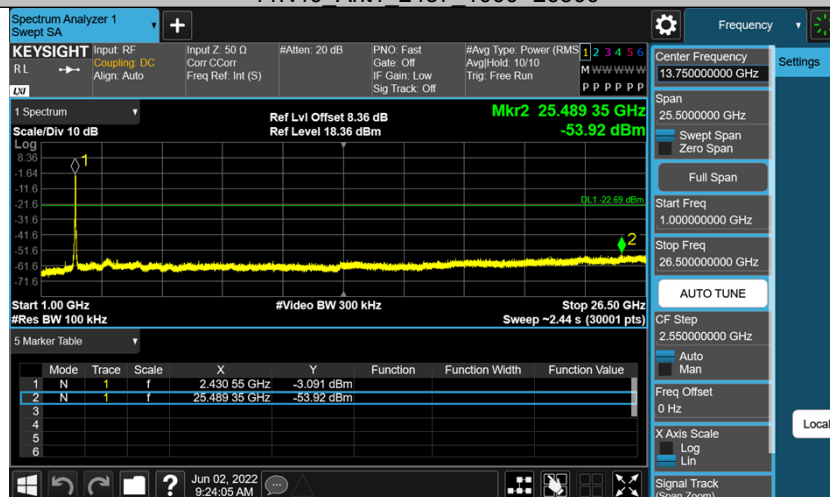




11N40_Ant1_2437_30~1000



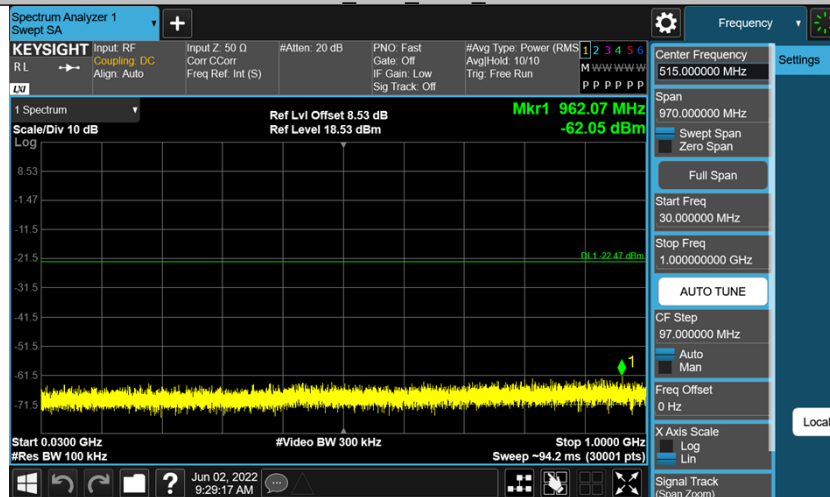
11N40_Ant1_2437_1000~26500



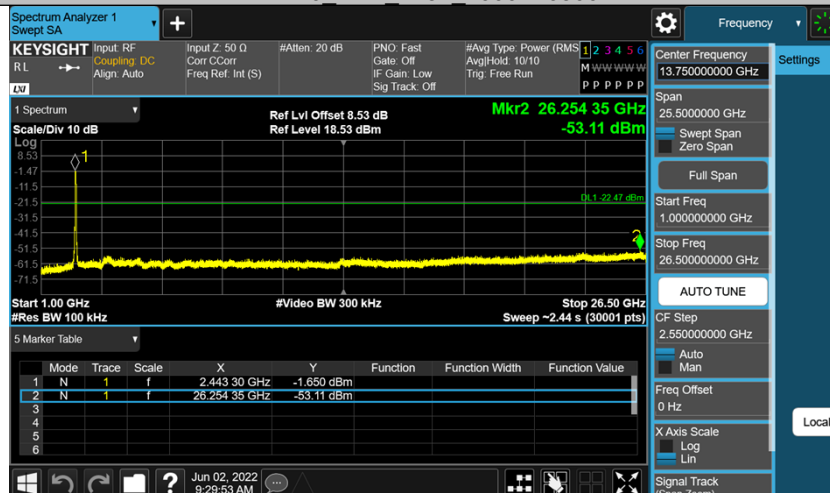
11N40_Ant1_2452_0~Reference



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



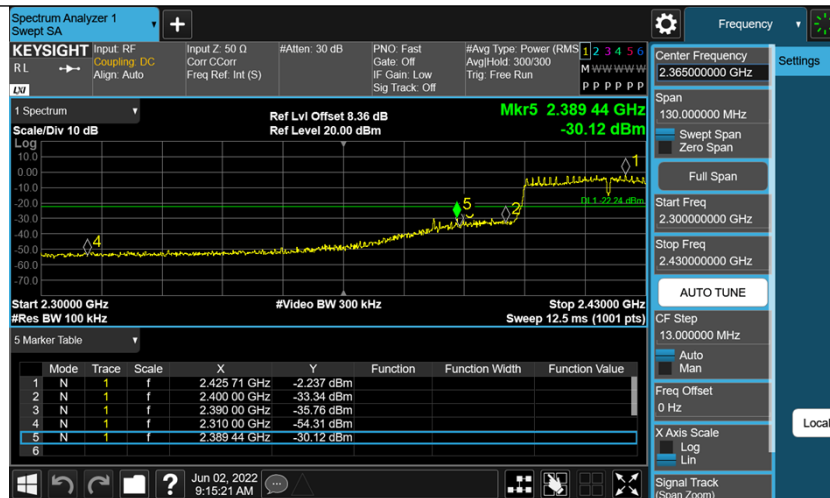
11N20_Ant1_Low_2412



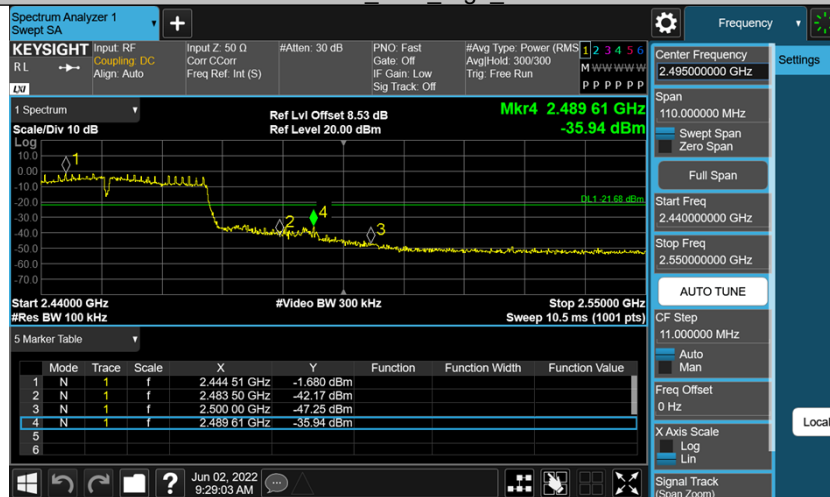
11N20_Ant1_High_2462



11N40_Ant1_Low_2422



11N40_Ant1_High_2452



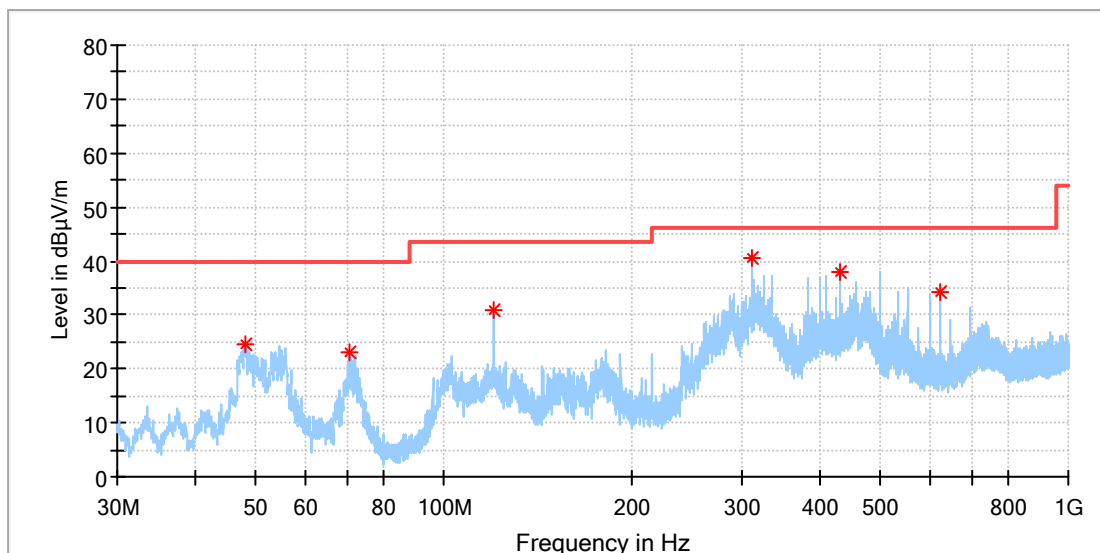
Appendix B.5: Test Results of Radiated Spurious Emissions

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

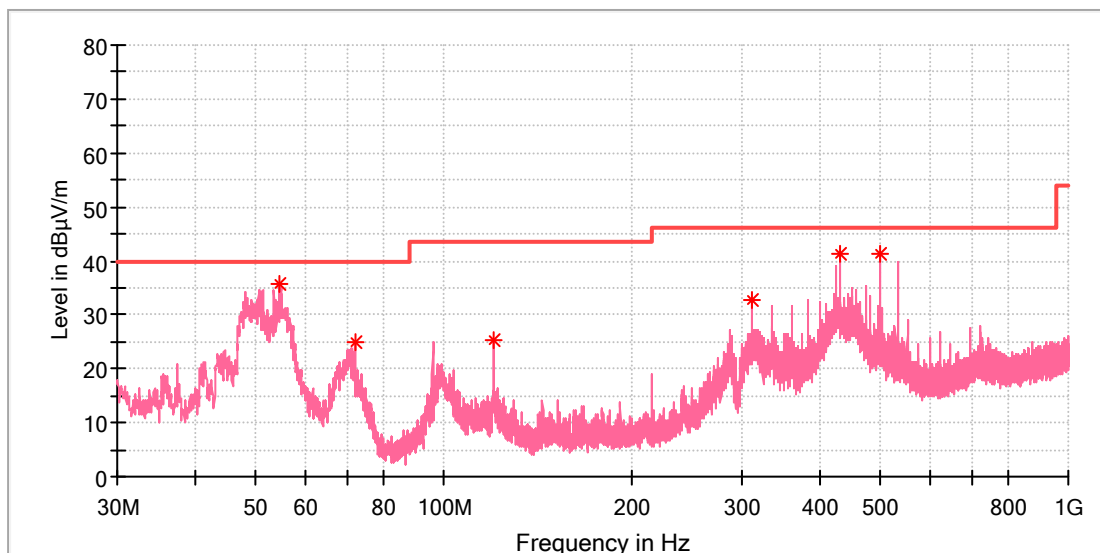
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
47.945000	24.45	40.00	15.55	100.0	H	241.0	-18.7
70.441539	23.11	40.00	16.89	100.0	H	250.0	-22.3
119.986154	30.84	43.50	12.66	100.0	H	210.0	-21.1
312.008846	40.72	46.00	5.28	100.0	H	96.0	-16.3
431.990385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

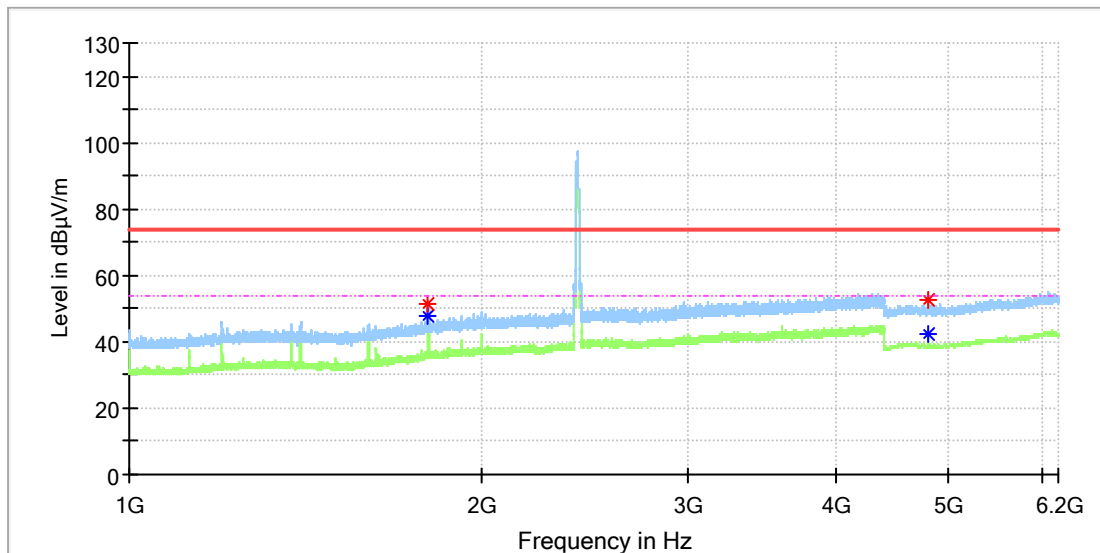
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz (Worst-case)

Note: The highest waveform in the figures is Wi-Fi Fundamental.

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

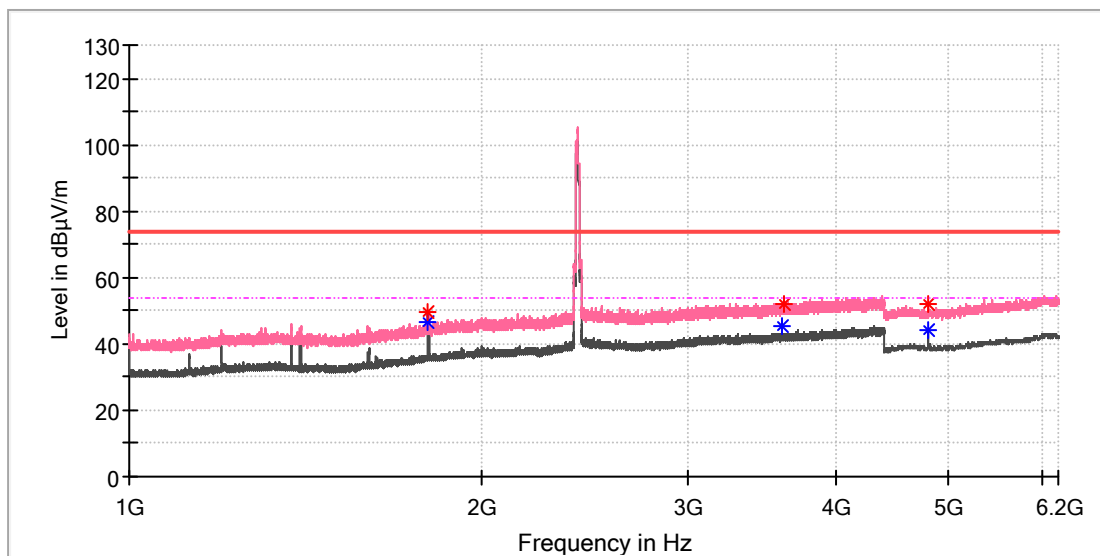
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1799.850000	---	48.01	54.00	5.99	100.0	H	355.0	4.7
1800.020000	51.20	---	74.00	22.80	100.0	H	0.0	4.7
4799.500000	52.42	---	74.00	21.58	100.0	H	270.0	11.8
4800.000000	---	42.44	54.00	11.56	100.0	H	270.0	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

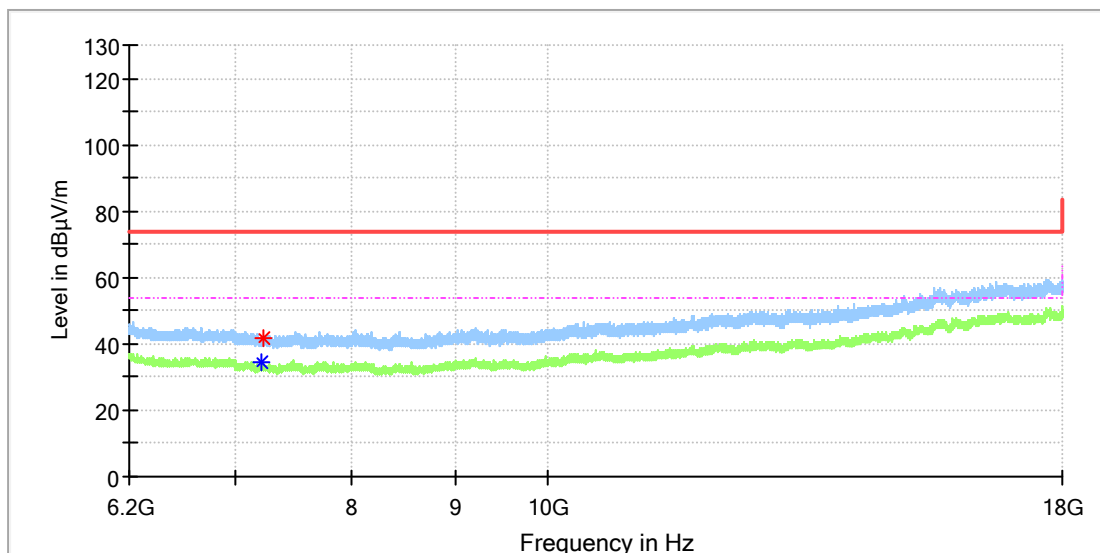
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1800.020000	---	46.35	54.00	7.65	100.0	V	284.0	4.7
1800.020000	49.45	---	74.00	24.55	100.0	V	284.0	4.7
3599.980000	---	45.65	54.00	8.35	100.0	V	52.0	9.3
3613.580000	52.24	---	74.00	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

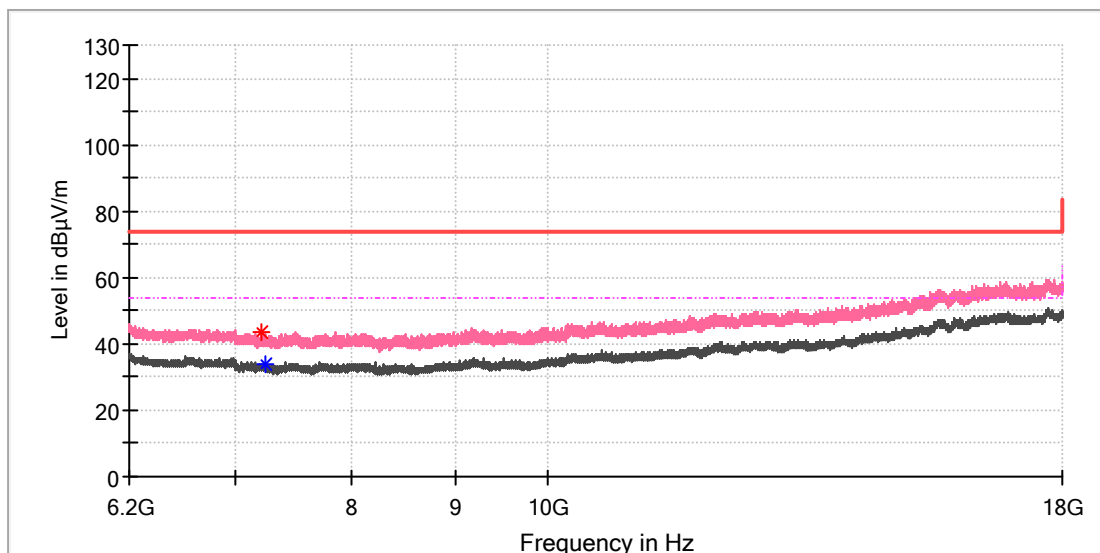
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7218.241667	---	34.41	54.00	19.59	100.0	H	46.0	8.7
7222.175000	41.89	---	74.00	32.11	100.0	H	202.0	8.7

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

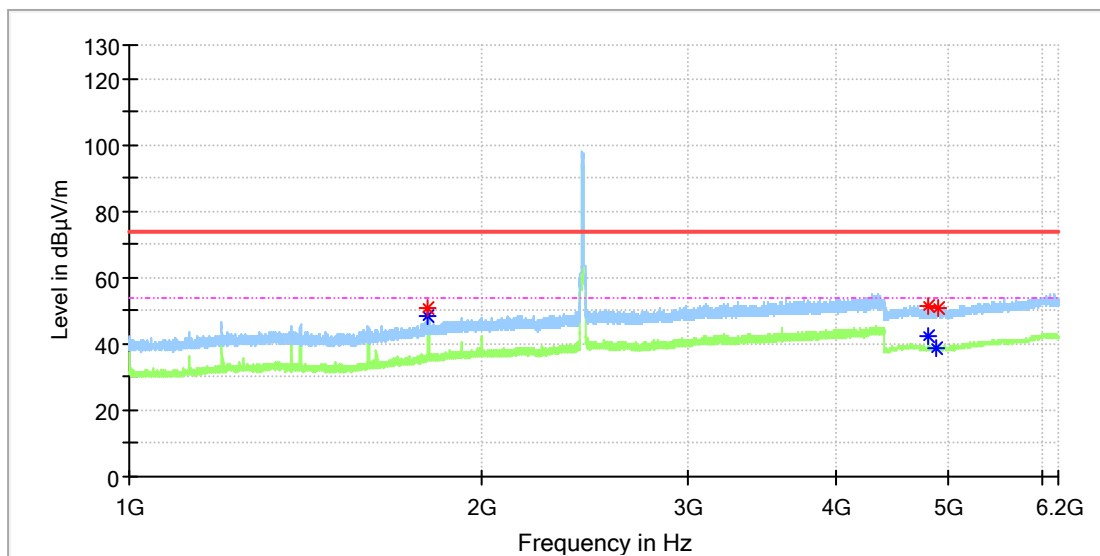
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7214.800000	43.34	---	74.00	30.66	100.0	V	221.0	8.7
7236.925000	---	33.82	54.00	20.18	100.0	V	308.0	8.6

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

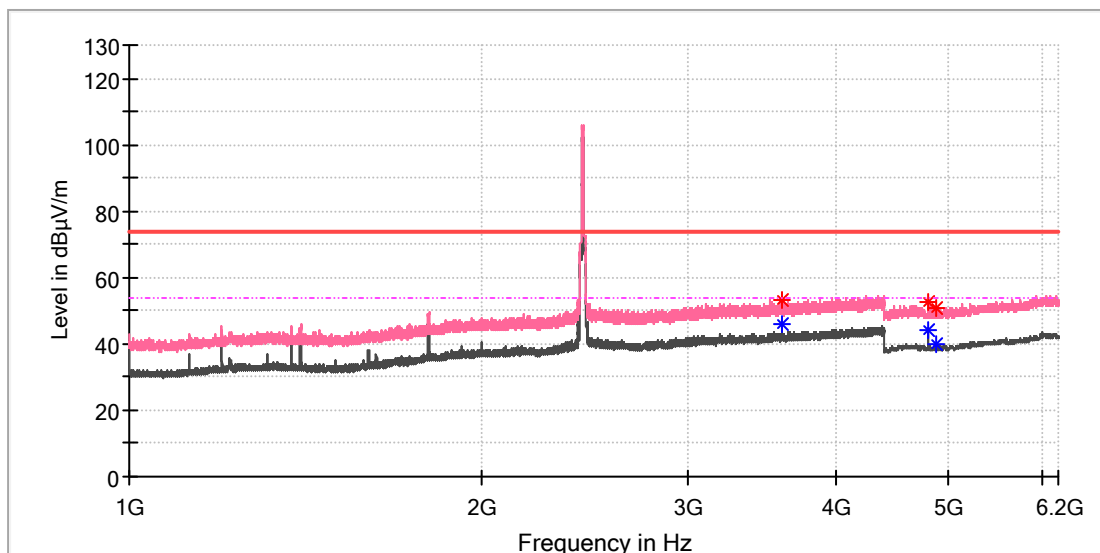
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1799.510000	50.75	---	74.00	23.25	100.0	H	272.0	4.7
1800.020000	---	48.55	54.00	5.45	100.0	H	354.0	4.7
4799.500000	51.66	---	74.00	22.34	100.0	H	270.0	11.8
4800.000000	---	42.57	54.00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

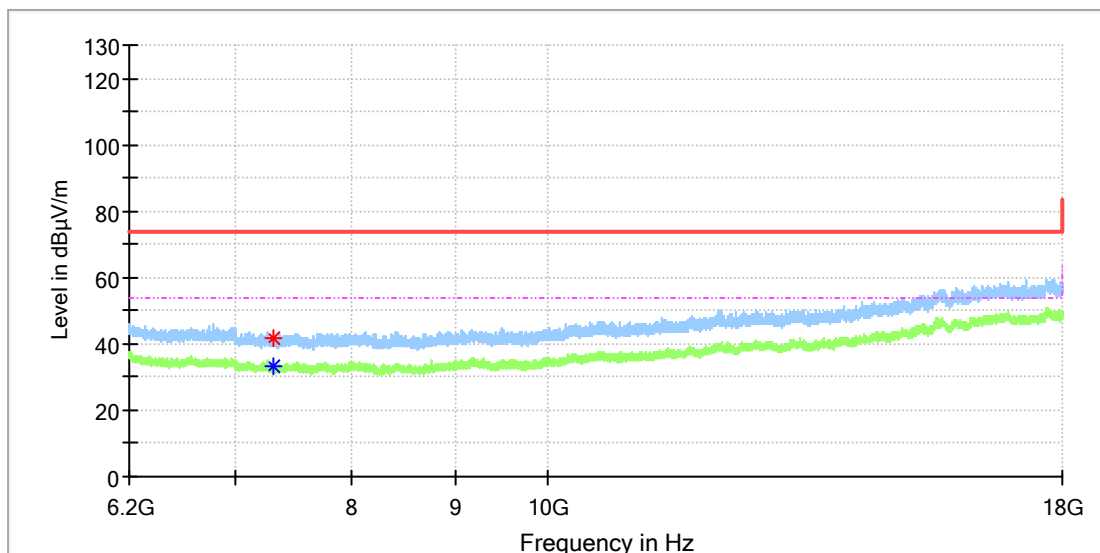
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3599.640000	52.97	---	74.00	21.03	100.0	V	95.0	9.3
3599.980000	---	45.82	54.00	8.18	100.0	V	73.0	9.3
4799.500000	---	44.31	54.00	9.69	100.0	V	238.0	11.8
4800.000000	52.63	---	74.00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

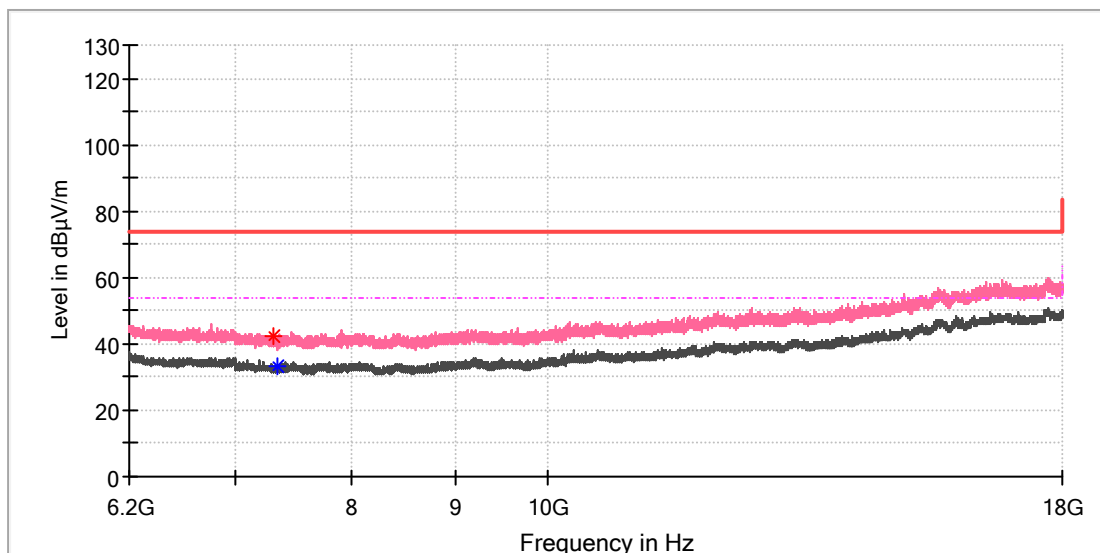
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7303.300000	41.93	---	74.00	32.07	100.0	H	0.0	8.3
7310.183333	---	33.51	54.00	20.49	100.0	H	56.0	8.2

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

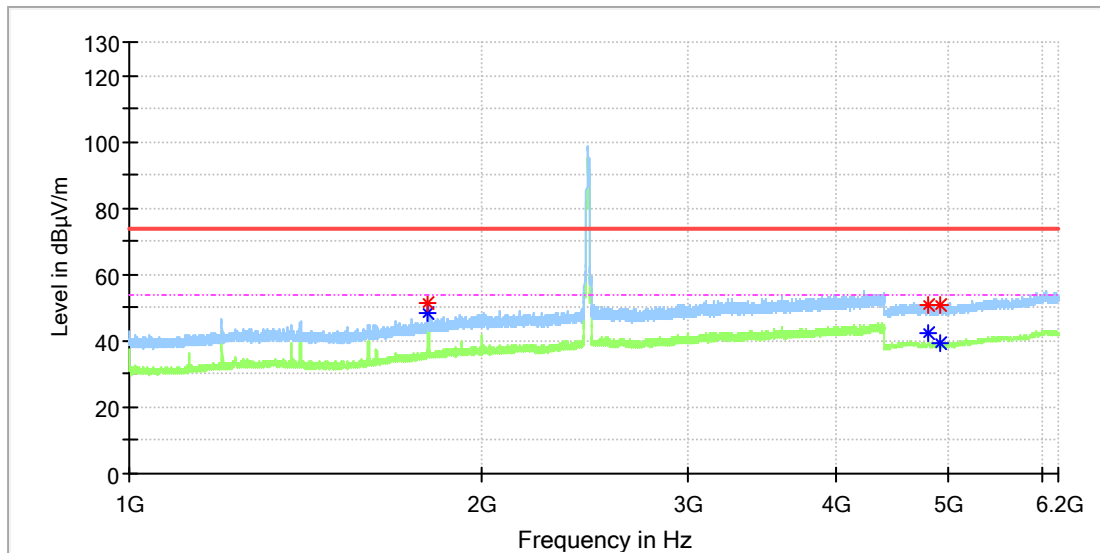
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7310.675000	42.25	---	74.00	31.75	100.0	V	0.0	8.2
7340.666667	---	33.19	54.00	20.81	100.0	V	76.0	8.1

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

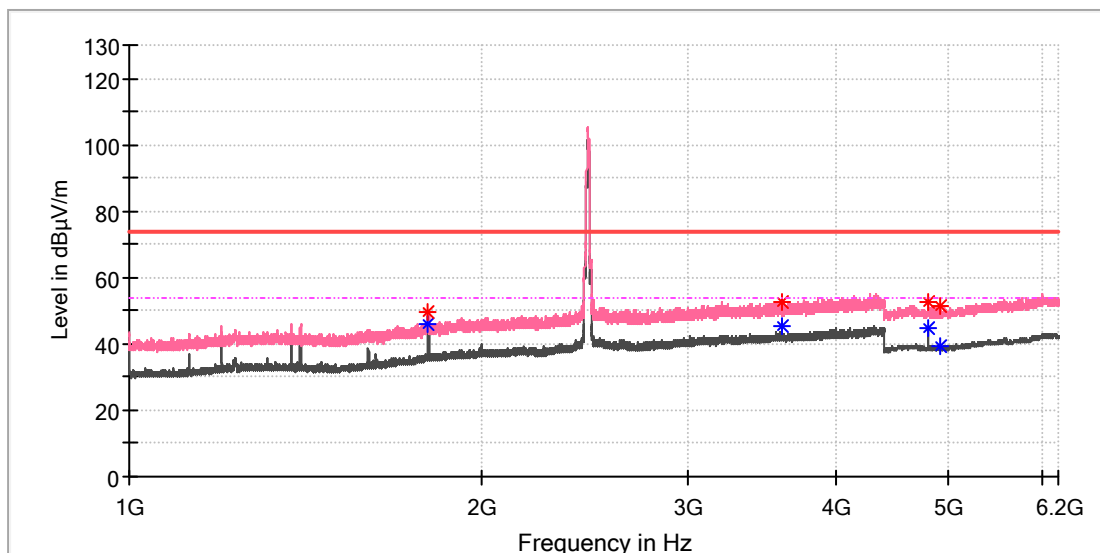
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1799.850000	51.36	---	74.00	22.64	100.0	H	343.0	4.7
1800.020000	---	48.16	54.00	5.84	100.0	H	5.0	4.7
4799.500000	---	42.25	54.00	11.75	100.0	H	326.0	11.8
4803.000000	50.80	---	74.00	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_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

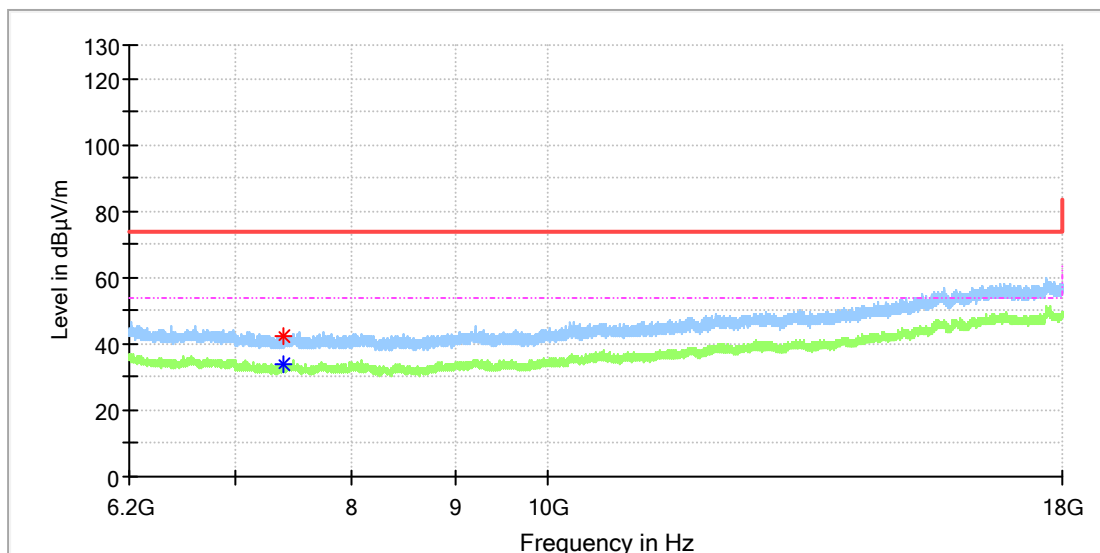
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1800.020000	49.75	---	74.00	24.25	100.0	V	285.0	4.7
1800.020000	---	45.79	54.00	8.21	100.0	V	285.0	4.7
3599.810000	---	45.56	54.00	8.44	100.0	V	85.0	9.3
3609.840000	52.42	---	74.00	21.58	100.0	V	150.0	9.4
4799.500000	52.69	---	74.00	21.31	100.0	V	238.0	11.8
4799.500000	---	44.90	54.00	9.10	100.0	V	238.0	11.8
4908.000000	51.21	---	74.00	22.79	100.0	V	323.0	11.8
4923.500000	---	39.32	54.00	14.68	100.0	V	280.0	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

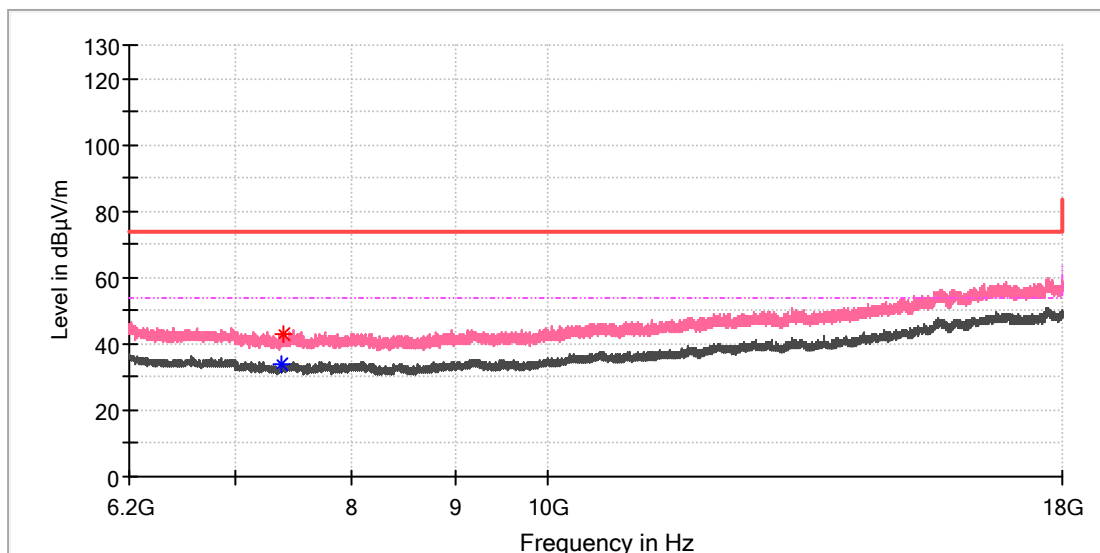
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7397.208333	---	33.93	54.00	20.07	100.0	H	18.0	8.3
7400.158333	42.52	---	74.00	31.48	100.0	H	131.0	8.3

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

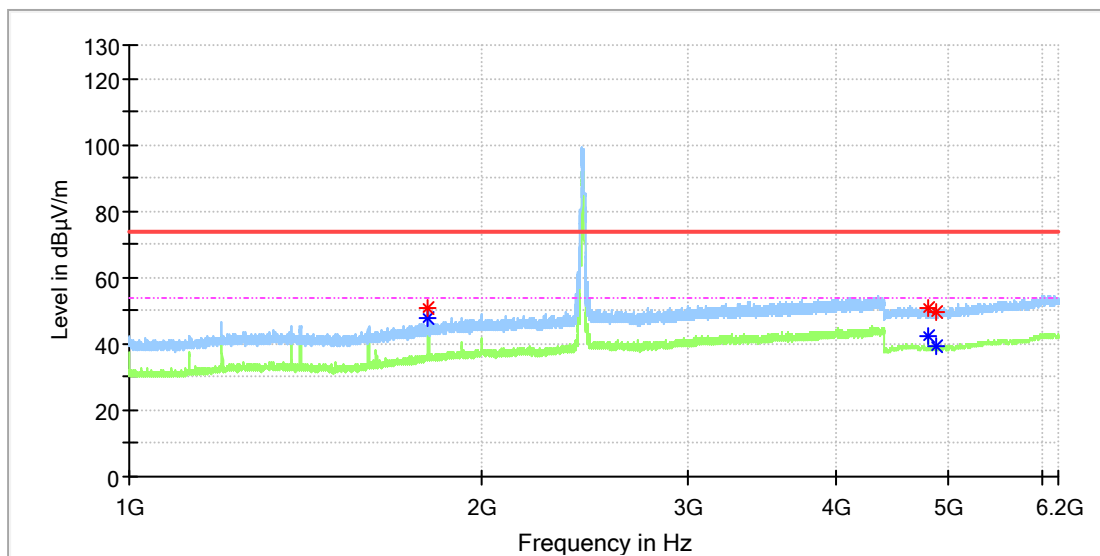
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7381.475000	---	33.70	54.00	20.30	100.0	V	159.0	8.2
7397.208333	43.17	---	74.00	30.83	100.0	V	146.0	8.3

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

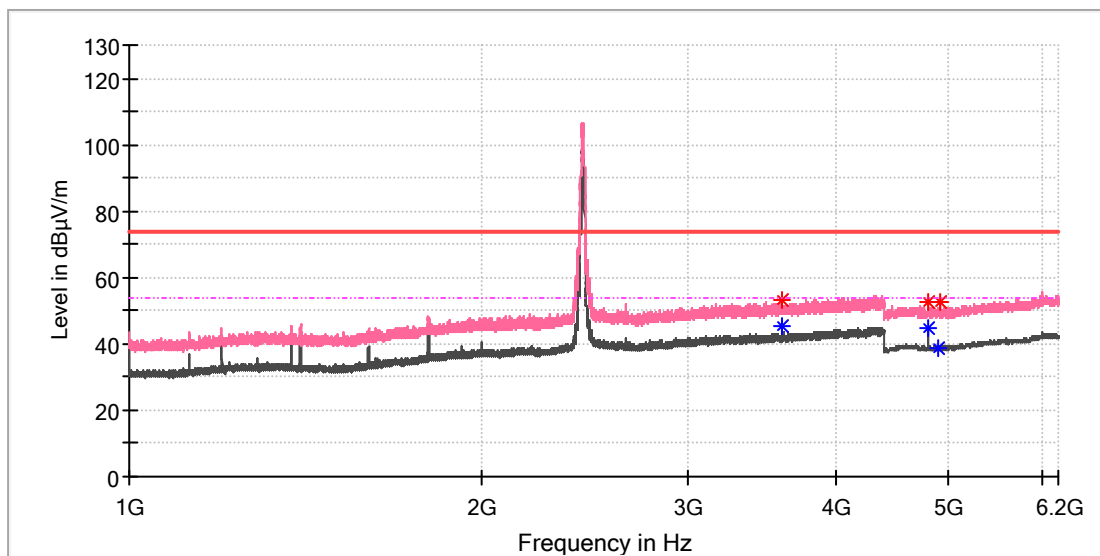
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1799.850000	51.08	---	74.00	22.92	100.0	H	353.0	4.7
1799.850000	---	47.84	54.00	6.16	100.0	H	353.0	4.7
4800.000000	---	42.14	54.00	11.86	100.0	H	297.0	11.8
4809.000000	50.72	---	74.00	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)
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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

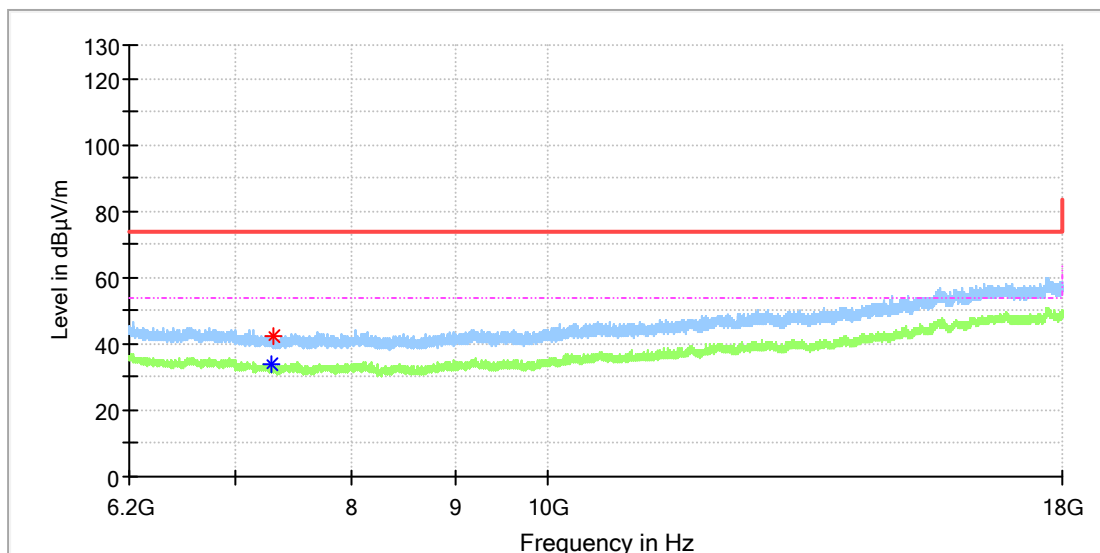
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
3599.810000	---	45.33	54.00	8.67	100.0	V	67.0	9.3
3600.830000	52.94	---	74.00	21.06	100.0	V	45.0	9.3
4799.500000	52.47	---	74.00	21.53	100.0	V	238.0	11.8
4800.000000	---	44.82	54.00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

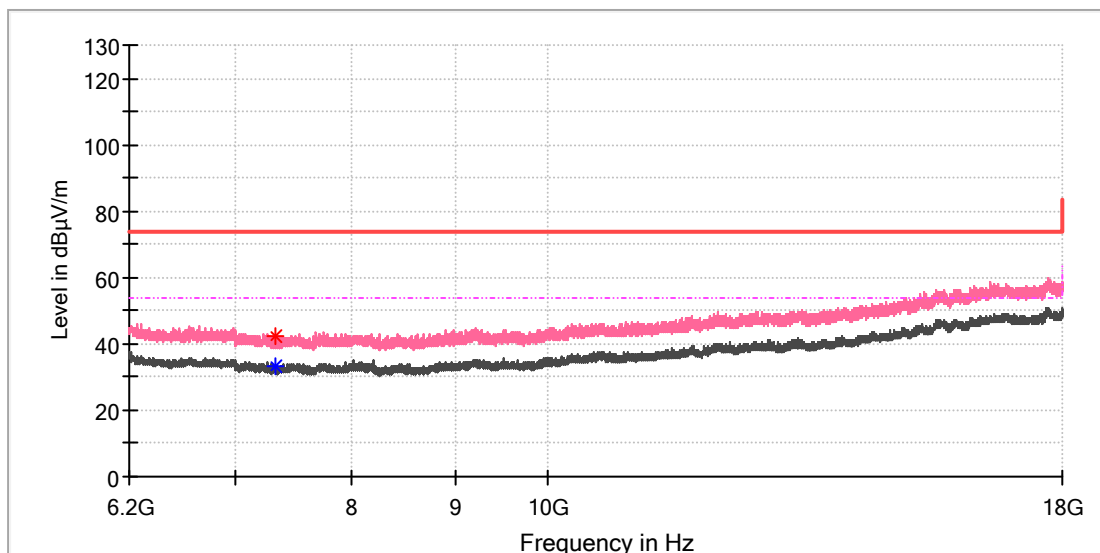
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7296.908333	---	33.95	54.00	20.05	100.0	H	261.0	8.3
7313.625000	42.20	---	74.00	31.80	100.0	H	172.0	8.2

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

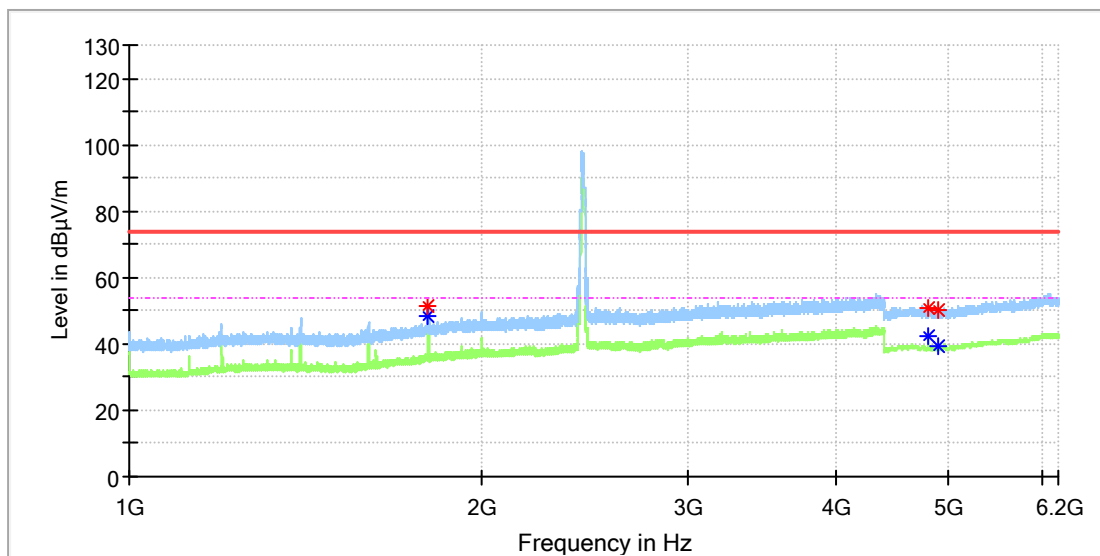
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7322.966667	---	33.33	54.00	20.67	100.0	V	306.0	8.2
7332.800000	42.24	---	74.00	31.76	100.0	V	342.0	8.1

Final_Result

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

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

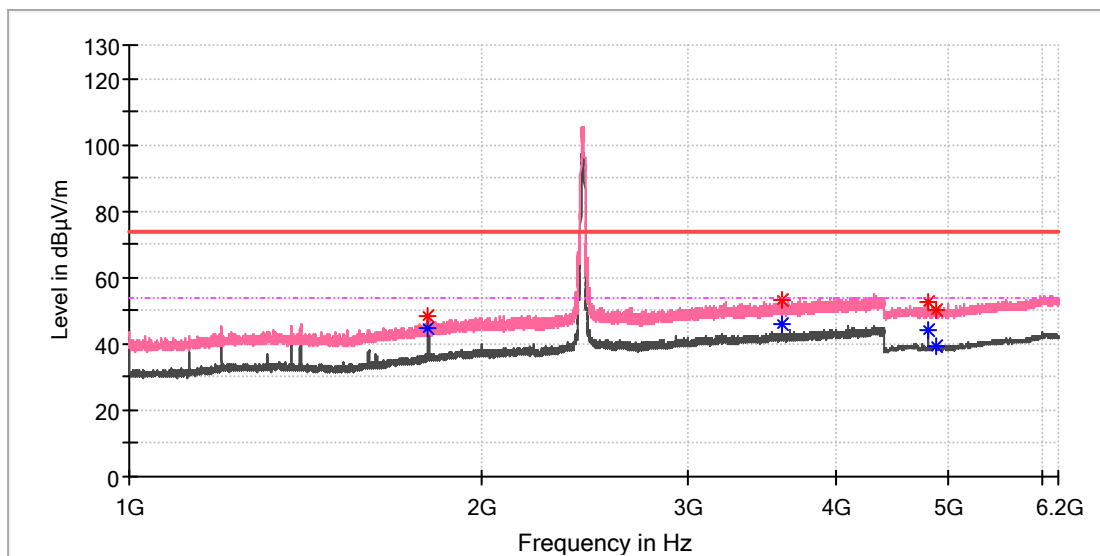
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1799.850000	---	48.60	54.00	5.40	100.0	H	345.0	4.7
1800.020000	51.54	---	74.00	22.46	100.0	H	356.0	4.7
4793.000000	50.73	---	74.00	23.27	100.0	H	288.0	11.8
4800.000000	---	42.19	54.00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

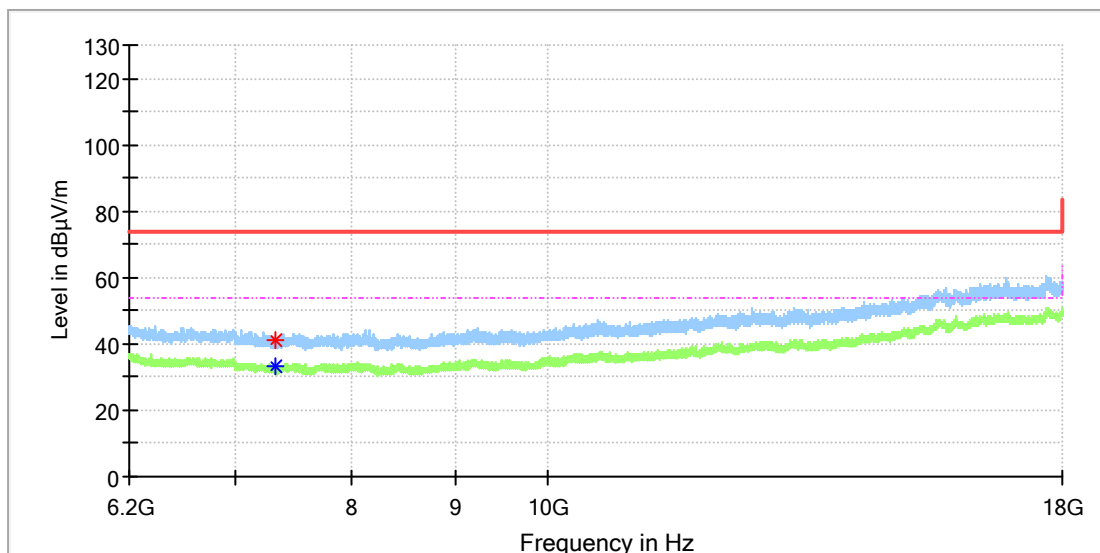
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1799.680000	48.12	---	74.00	25.88	100.0	V	314.0	4.7
1799.680000	---	44.53	54.00	9.47	100.0	V	314.0	4.7
3599.810000	53.42	---	74.00	20.58	100.0	V	63.0	9.3
3600.320000	---	45.95	54.00	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

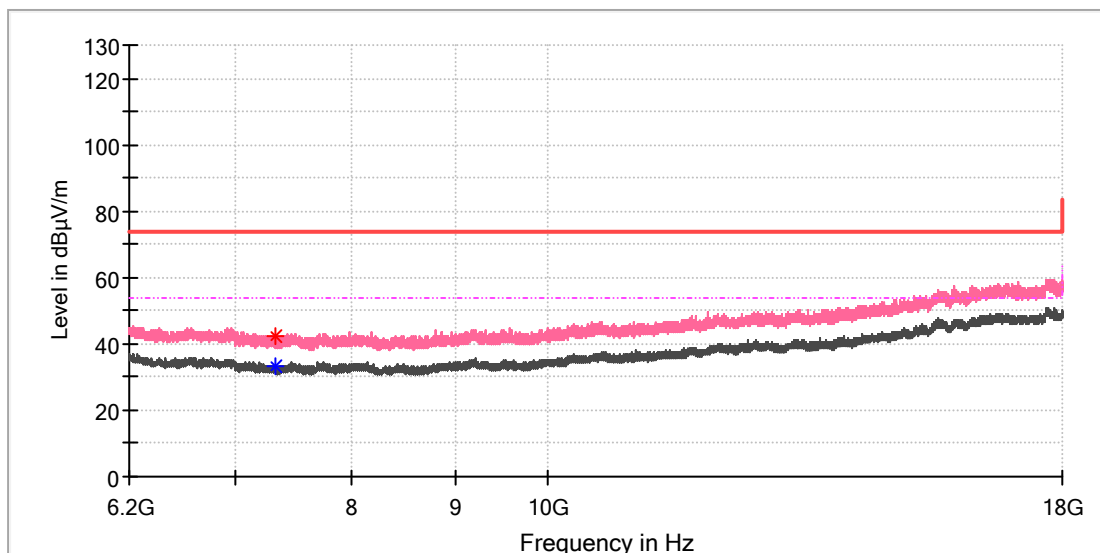
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7324.933333	---	33.04	54.00	20.96	100.0	H	208.0	8.2
7325.916667	41.35	---	74.00	32.65	100.0	H	208.0	8.2

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

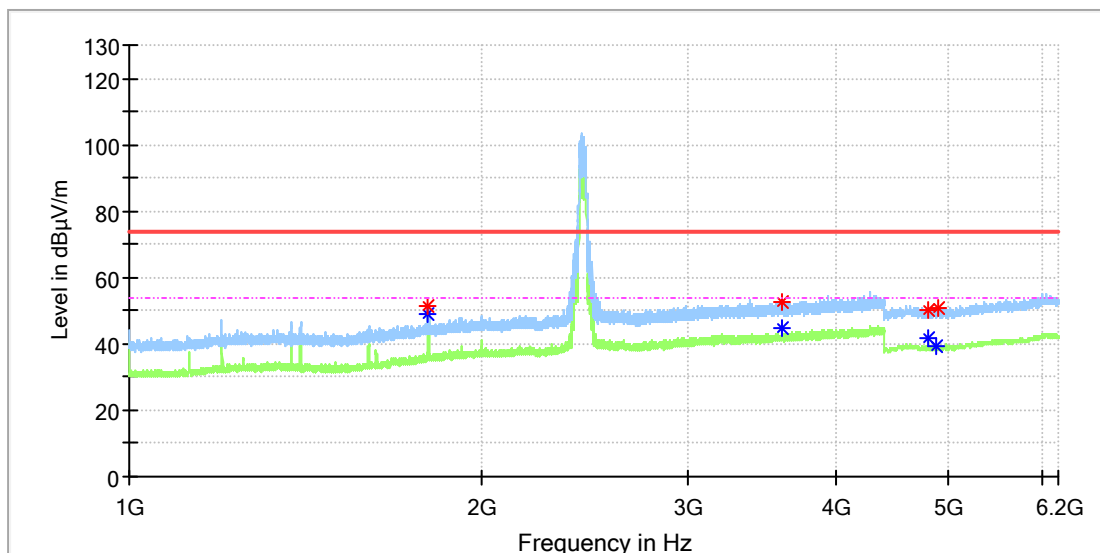
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7318.541667	42.22	---	74.00	31.78	100.0	V	0.0	8.2
7321.000000	---	33.29	54.00	20.71	100.0	V	203.0	8.2

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

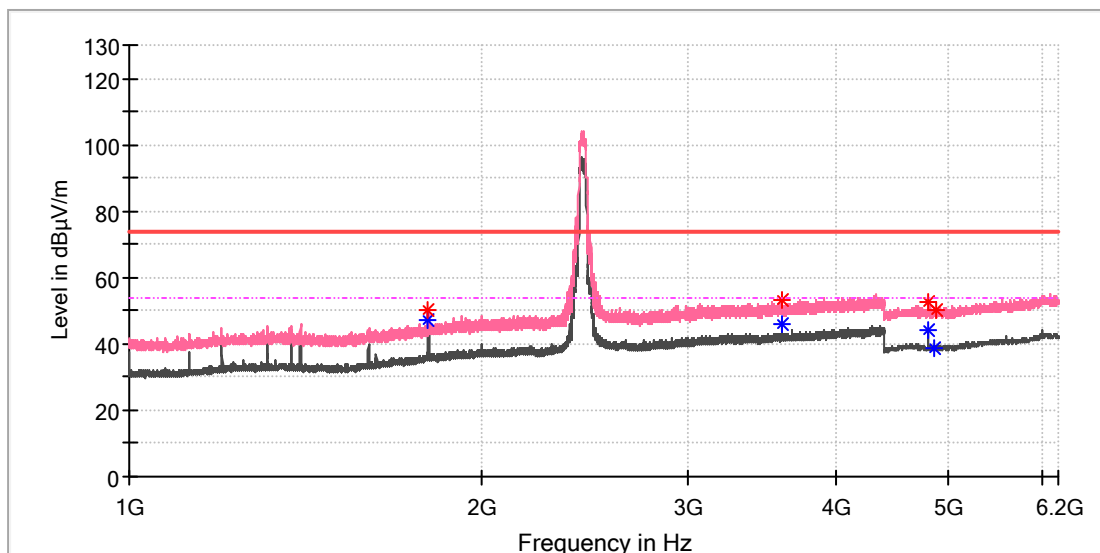
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1800.020000	---	49.03	54.00	4.97	100.0	H	341.0	4.7
1800.020000	51.61	---	74.00	22.39	100.0	H	341.0	4.7
3599.810000	52.39	---	74.00	21.61	100.0	H	129.0	9.3
3599.980000	---	44.74	54.00	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

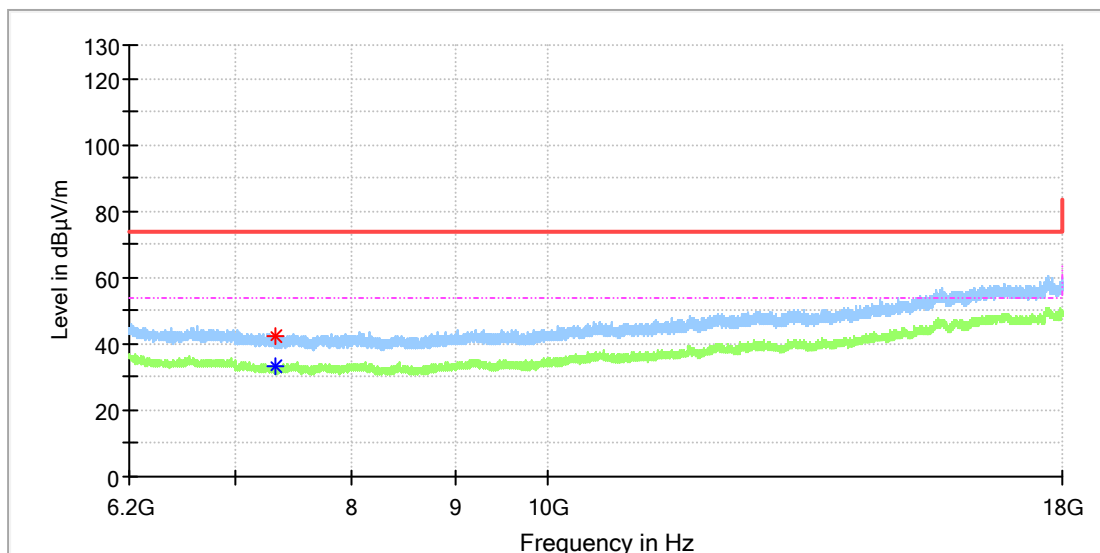
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1799.850000	50.19	---	74.00	23.81	100.0	V	285.0	4.7
1800.020000	---	46.88	54.00	7.12	100.0	V	285.0	4.7
3599.470000	53.35	---	74.00	20.65	100.0	V	70.0	9.3
3599.980000	---	45.71	54.00	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)
---	---	---	---	---		---	---

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

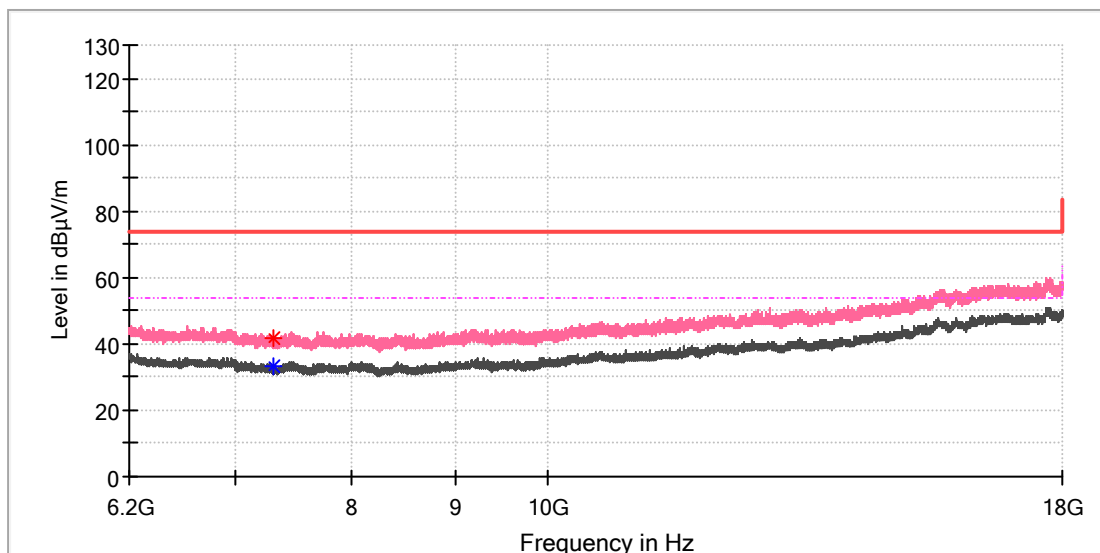
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7322.966667	42.36	---	74.00	31.64	100.0	H	168.0	8.2
7325.916667	---	33.20	54.00	20.80	100.0	H	218.0	8.2

Final_Result

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

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

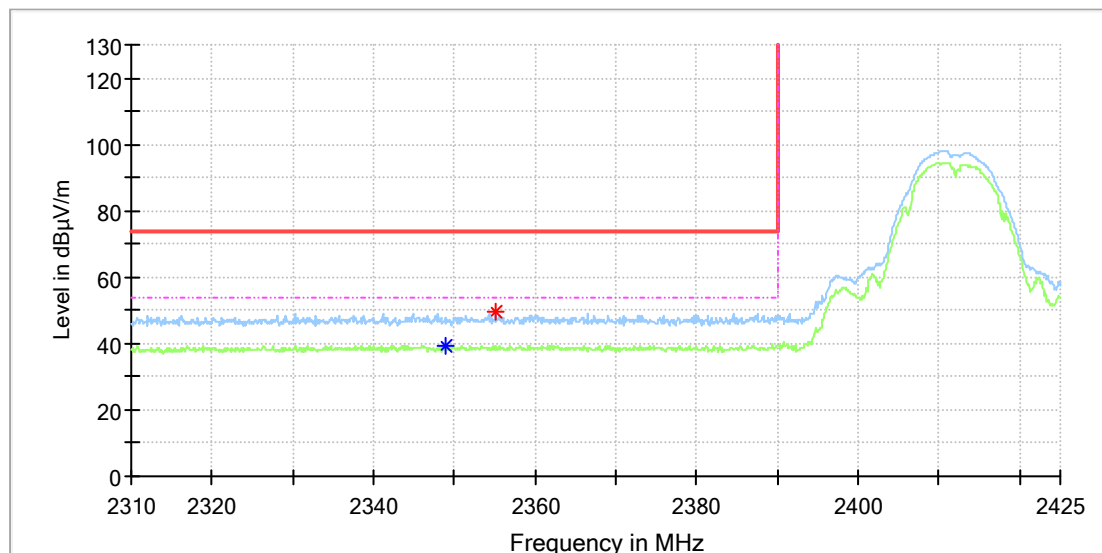
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7308.216667	41.73	---	74.00	32.27	100.0	V	35.0	8.2
7308.216667	---	33.32	54.00	20.68	100.0	V	35.0	8.2

Final_Result

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

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

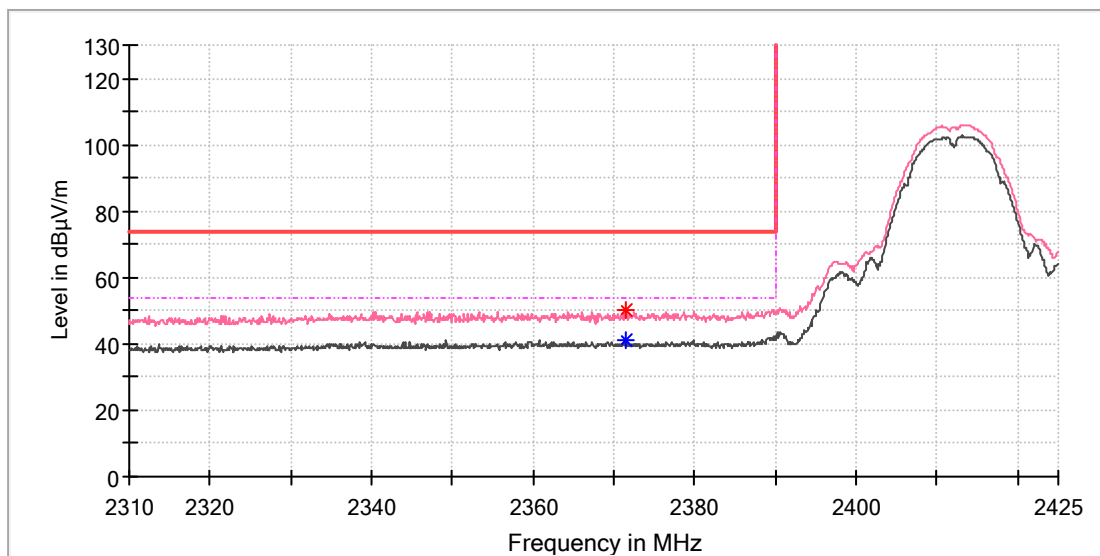
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2348.900000	---	39.54	54.00	14.46	150.0	H	193.0	6.9
2355.100000	49.52	---	74.00	24.48	150.0	H	122.0	6.9

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

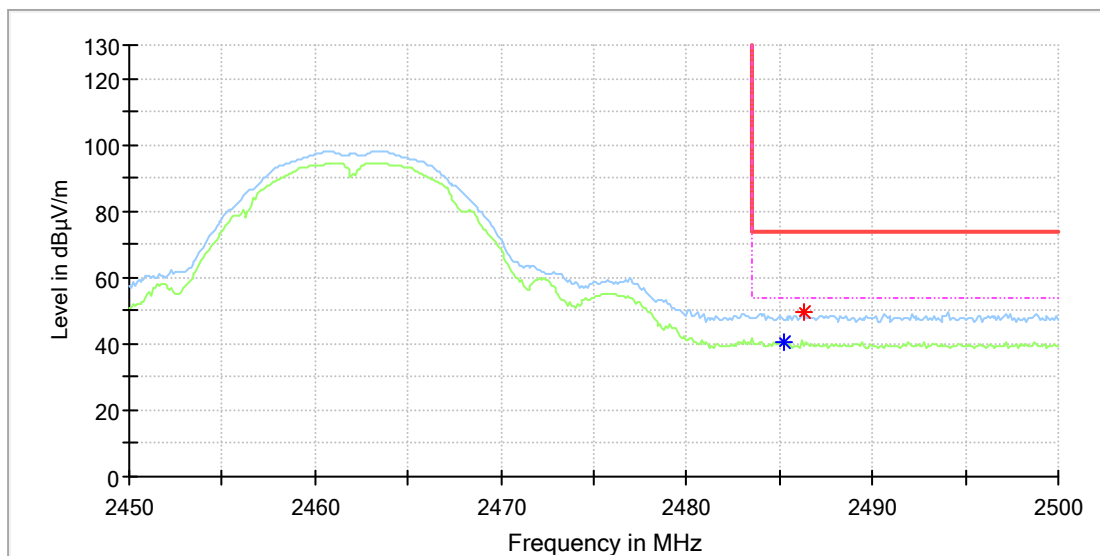
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2371.500000	50.15	---	74.00	23.85	150.0	V	341.0	6.9
2371.500000	---	41.41	54.00	12.59	150.0	V	341.0	6.9

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

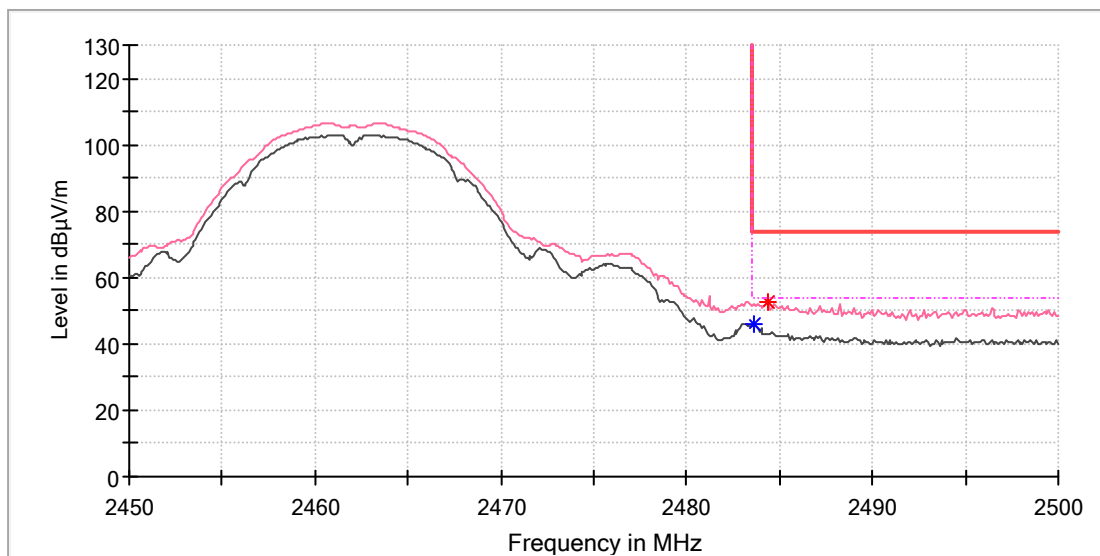
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.200000	---	40.62	54.00	13.38	150.0	H	270.0	7.4
2486.300000	49.55	---	74.00	24.45	150.0	H	58.0	7.4

Final_Result

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

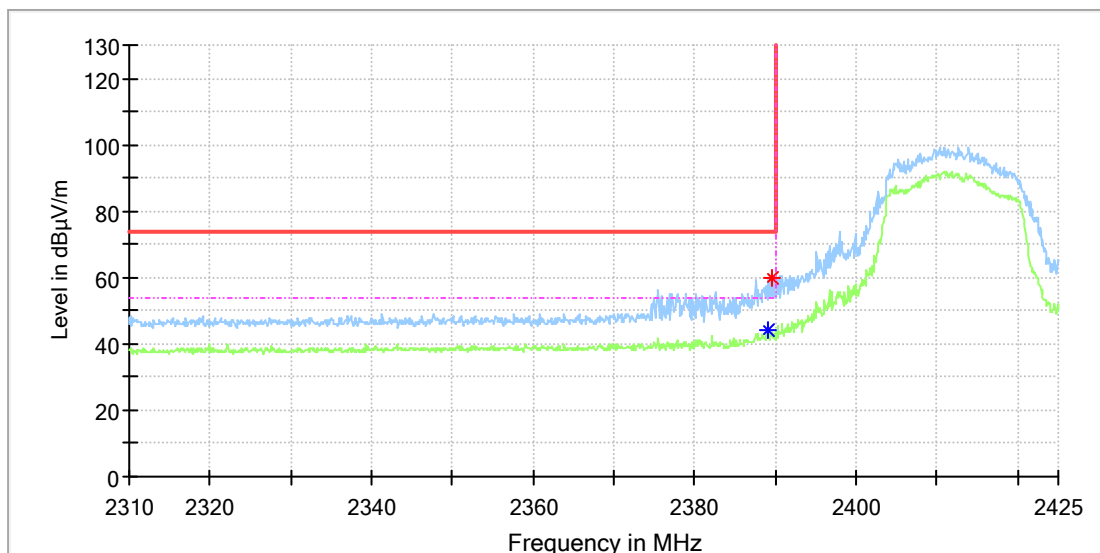
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2483.600000	---	45.93	54.00	8.07	150.0	V	341.0	7.4
2484.400000	52.45	---	74.00	21.55	150.0	V	25.0	7.4

Final_Result

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

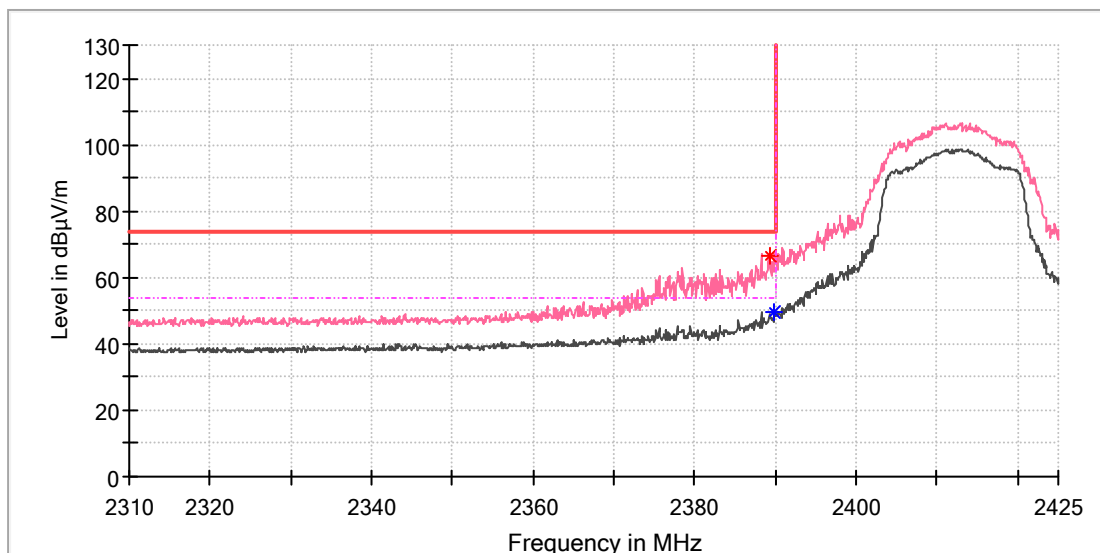
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.100000	---	43.87	54.00	10.13	100.0	H	289.0	7.0
2389.500000	60.07	---	74.00	13.93	100.0	H	209.0	7.0

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

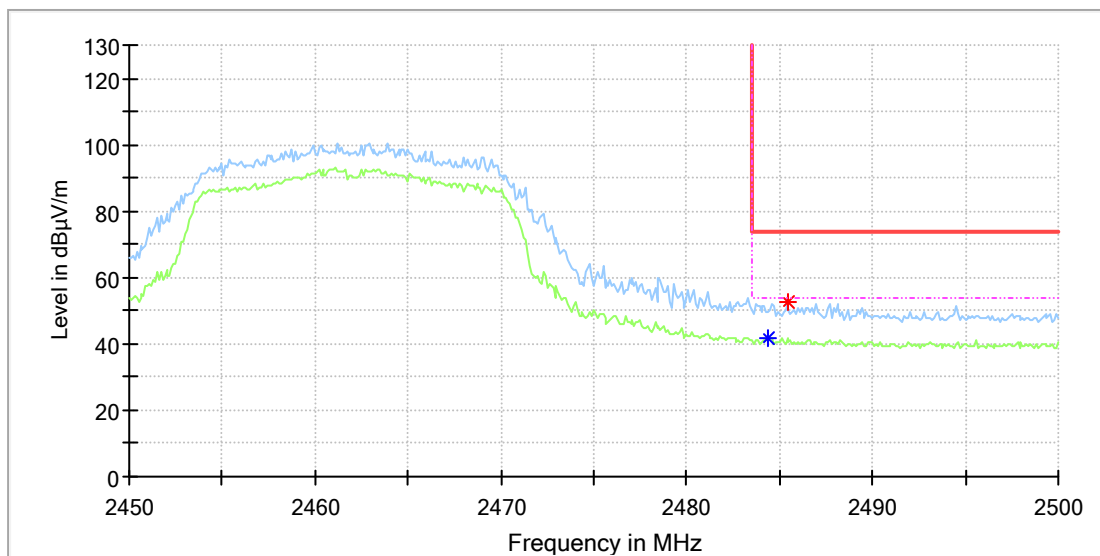
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.200000	66.73	---	74.00	7.27	100.0	V	0.0	7.0
2389.800000	---	49.58	54.00	4.42	100.0	V	154.0	7.0

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

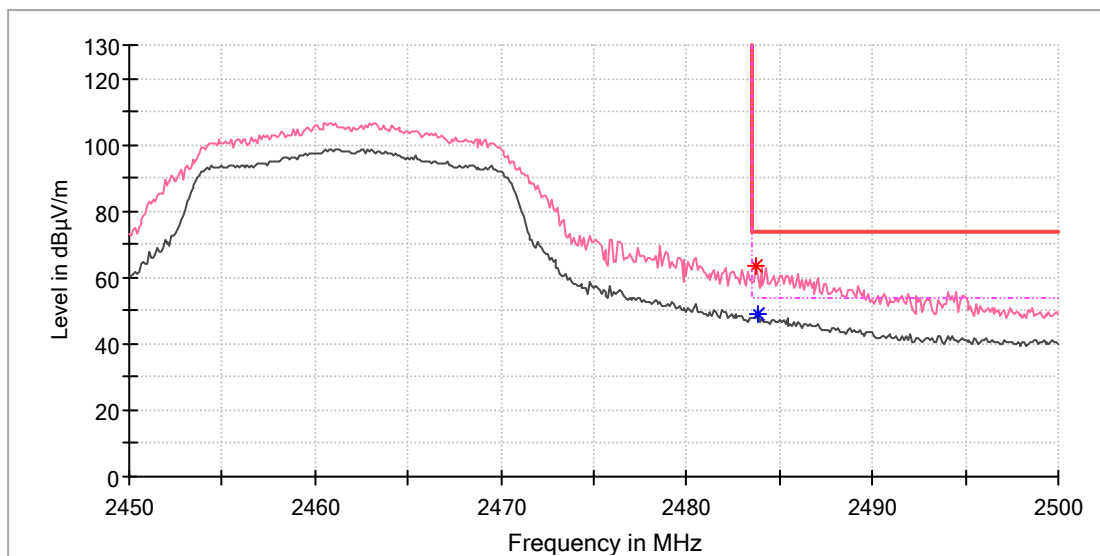
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.400000	---	41.89	54.00	12.11	100.0	H	297.0	7.4
2485.400000	52.71	---	74.00	21.29	100.0	H	0.0	7.4

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

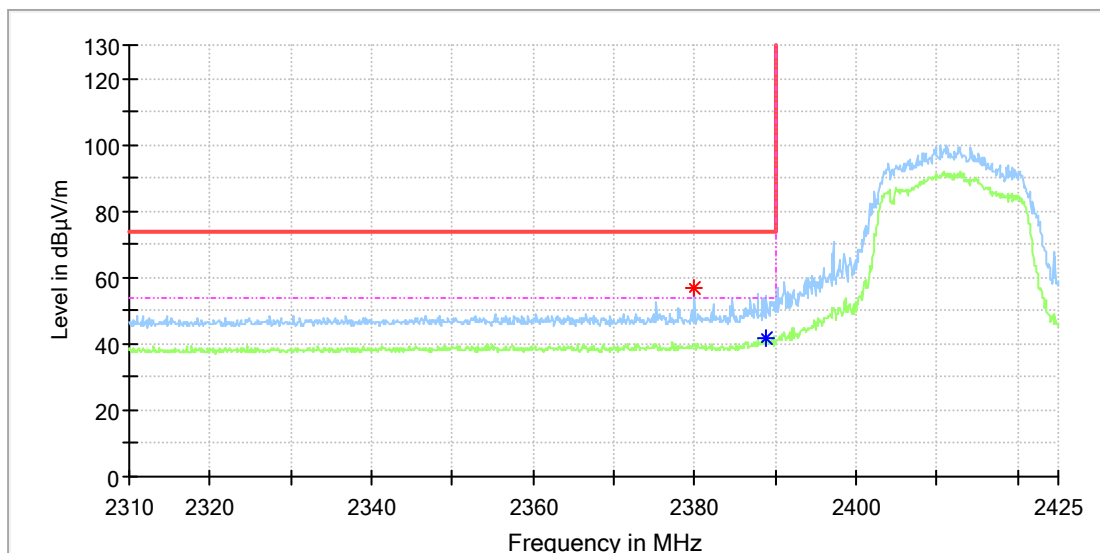
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.700000	63.24	---	74.00	10.76	100.0	V	0.0	7.4
2483.800000	---	49.16	54.00	4.84	100.0	V	0.0	7.4

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

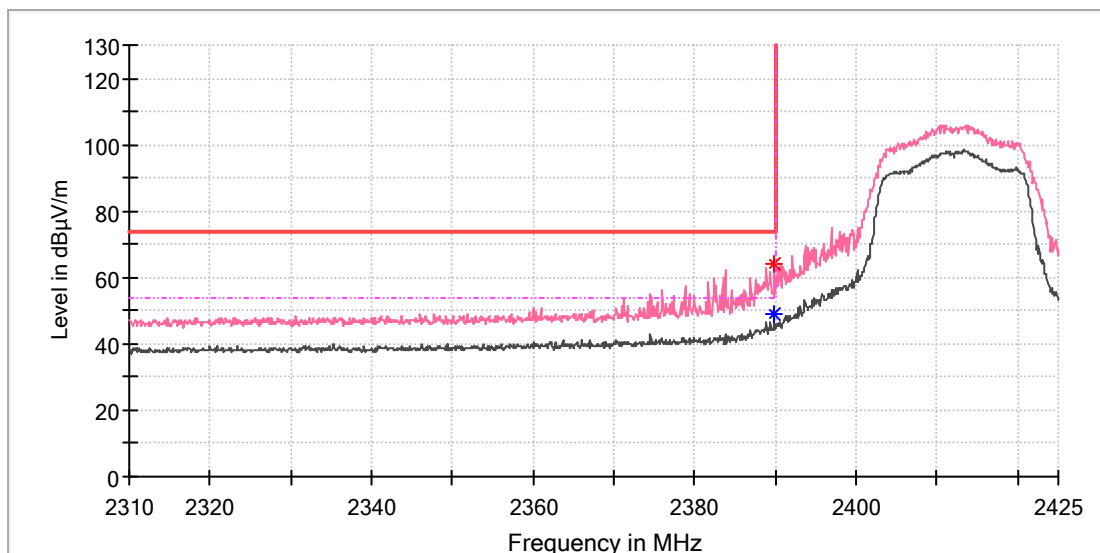
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2380.000000	56.78	---	74.00	17.22	100.0	H	232.0	7.0
2388.900000	---	41.46	54.00	12.54	100.0	H	1.0	7.0

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

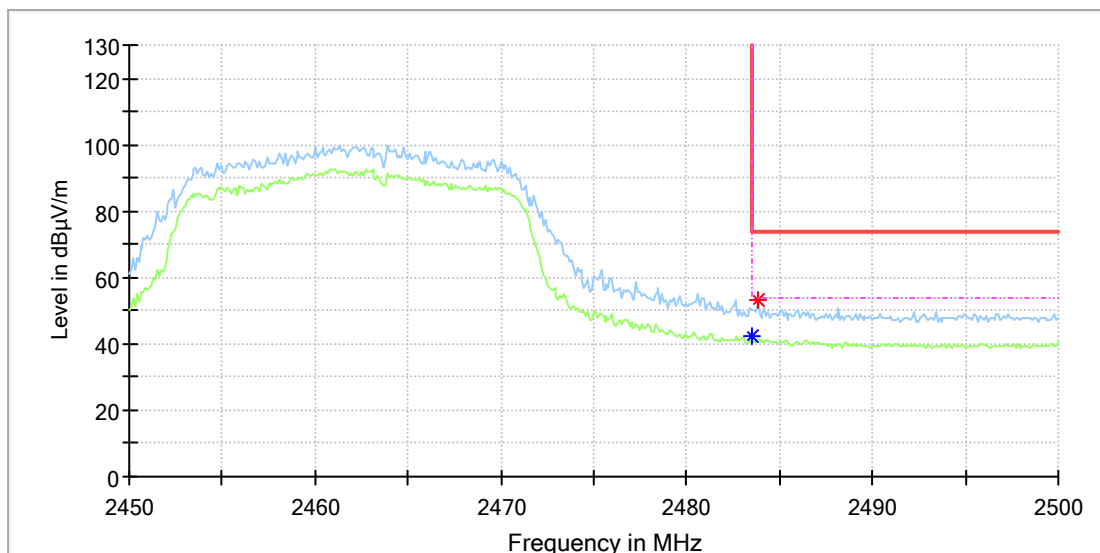
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.800000	64.03	---	74.00	9.97	100.0	V	350.0	7.0
2389.800000	---	48.80	54.00	5.20	100.0	V	350.0	7.0

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

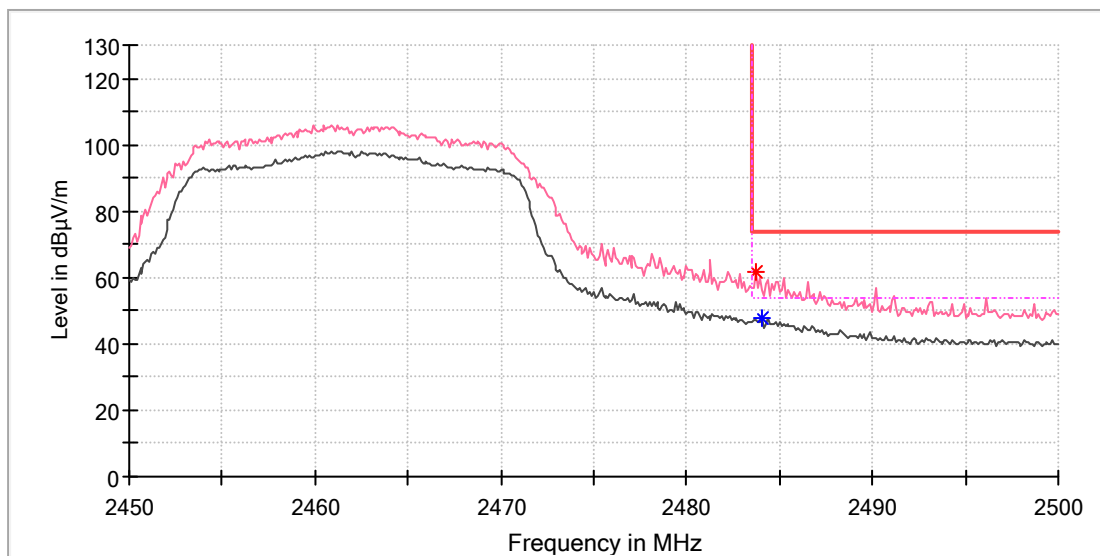
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.500000	---	42.22	54.00	11.78	100.0	H	226.0	7.4
2483.800000	53.22	---	74.00	20.78	100.0	H	0.0	7.4

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

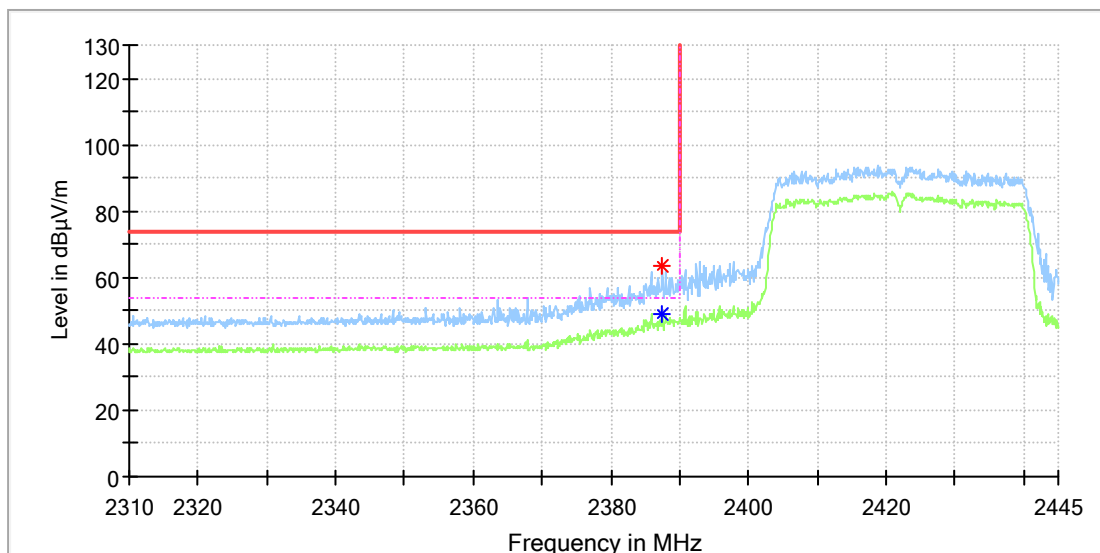
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.700000	61.89	---	74.00	12.11	100.0	V	0.0	7.4
2484.100000	---	47.51	54.00	6.49	100.0	V	355.0	7.4

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

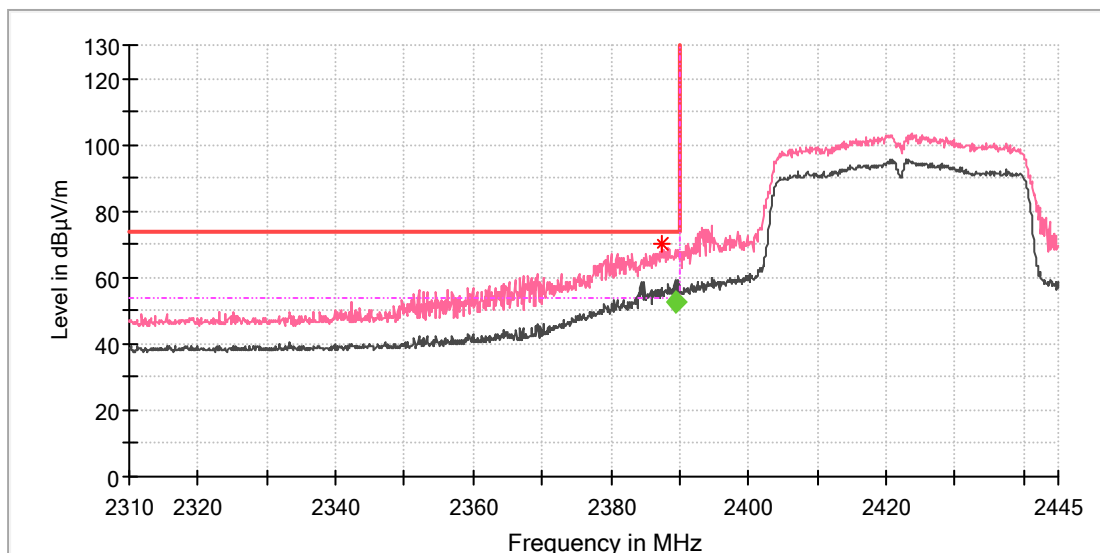
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.500000	---	48.93	54.00	5.07	100.0	H	263.0	7.0
2387.500000	63.23	---	74.00	10.77	100.0	H	263.0	7.0

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

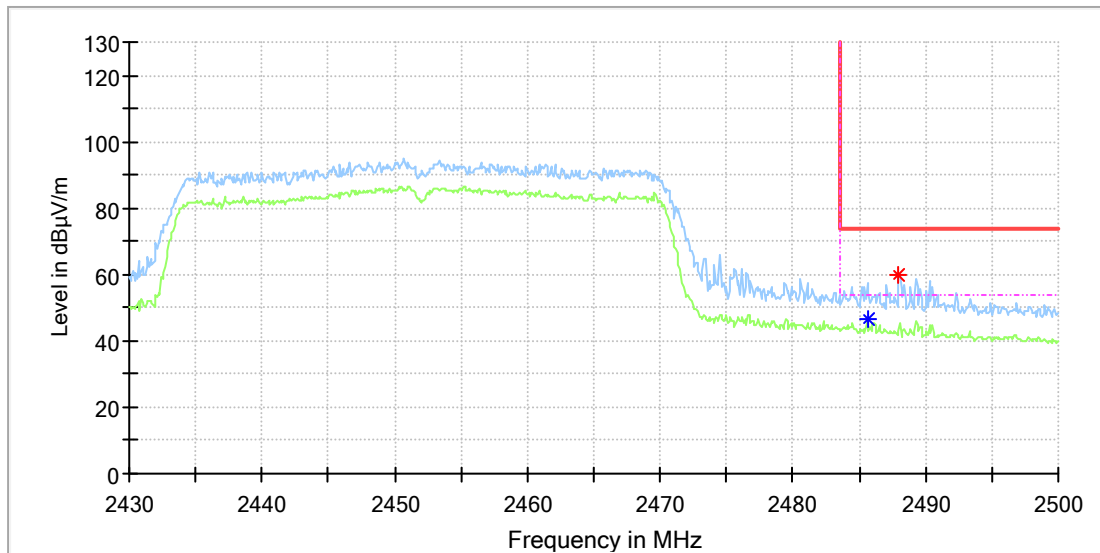
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.400000	69.92	---	74.00	4.08	100.0	V	305.0	7.0

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

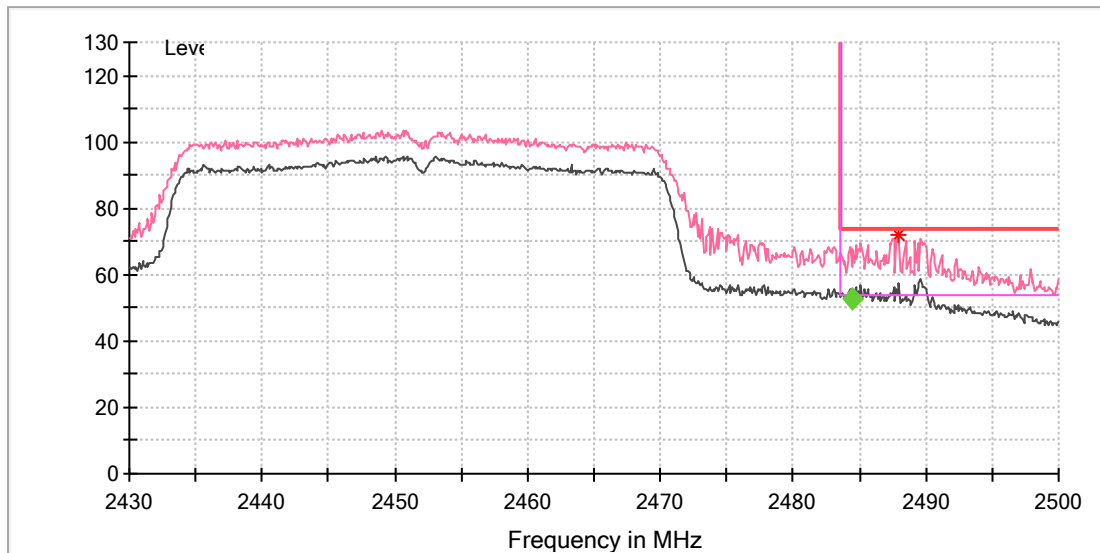
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.600000	---	46.35	54.00	7.65	100.0	H	263.0	7.4
2488.000000	59.74	---	74.00	14.26	100.0	H	0.0	7.4

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

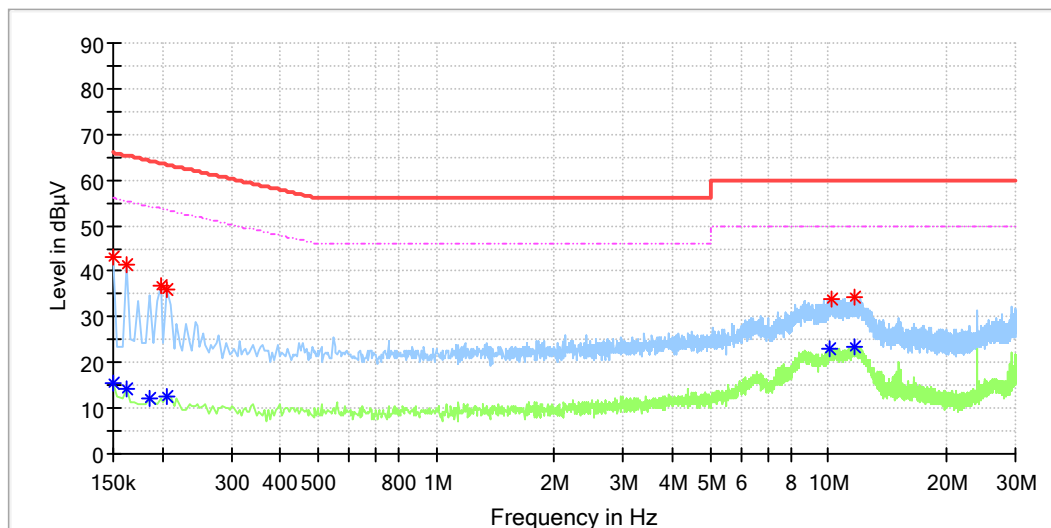
Final_Result

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

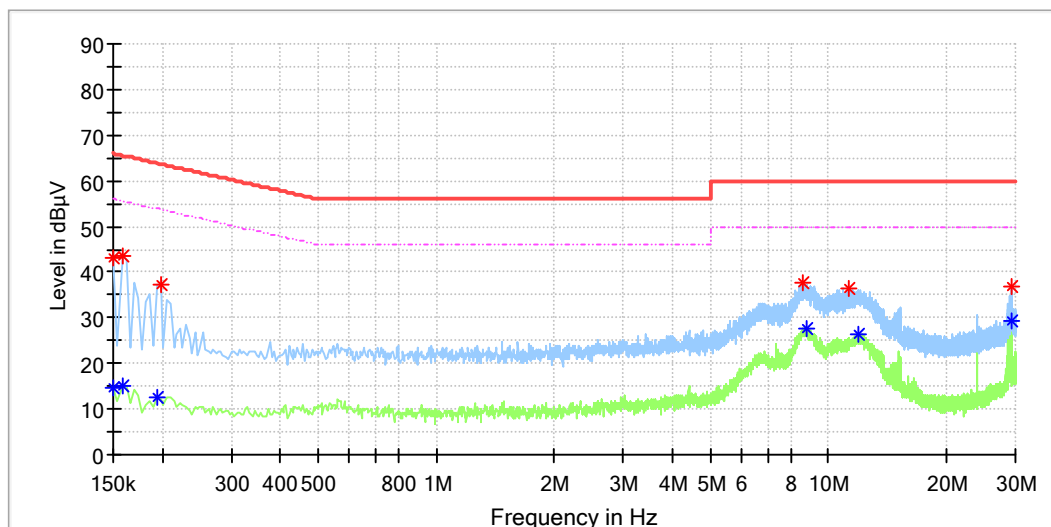


Critical Freqs

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