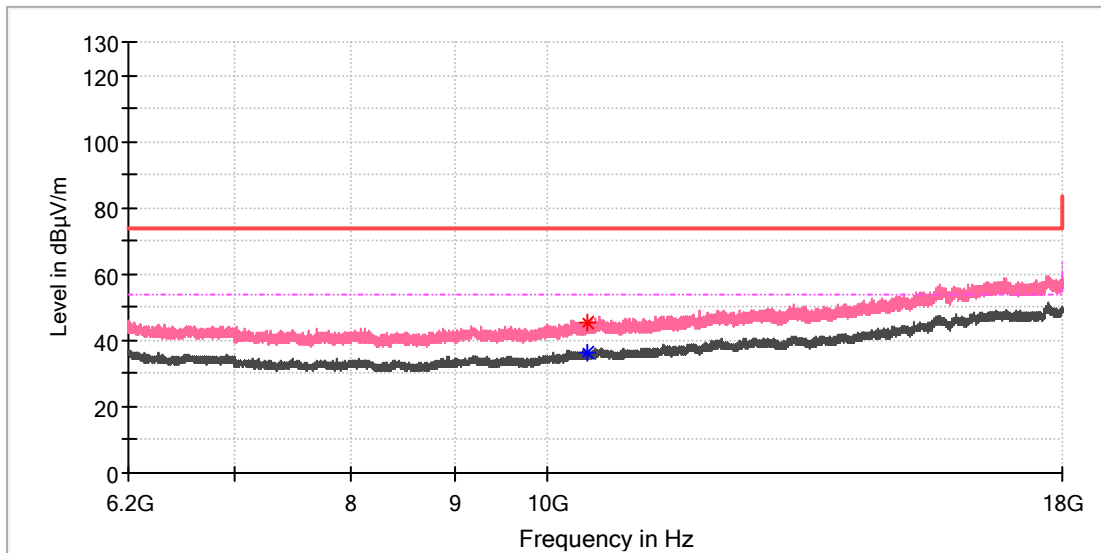


### EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 5G\_11n40\_Ch46  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 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)
10460.291667	45.43	---	74.00	28.57	100.0	V	322.0	12.0
10469.141667	---	36.34	54.00	17.66	100.0	V	142.0	12.0

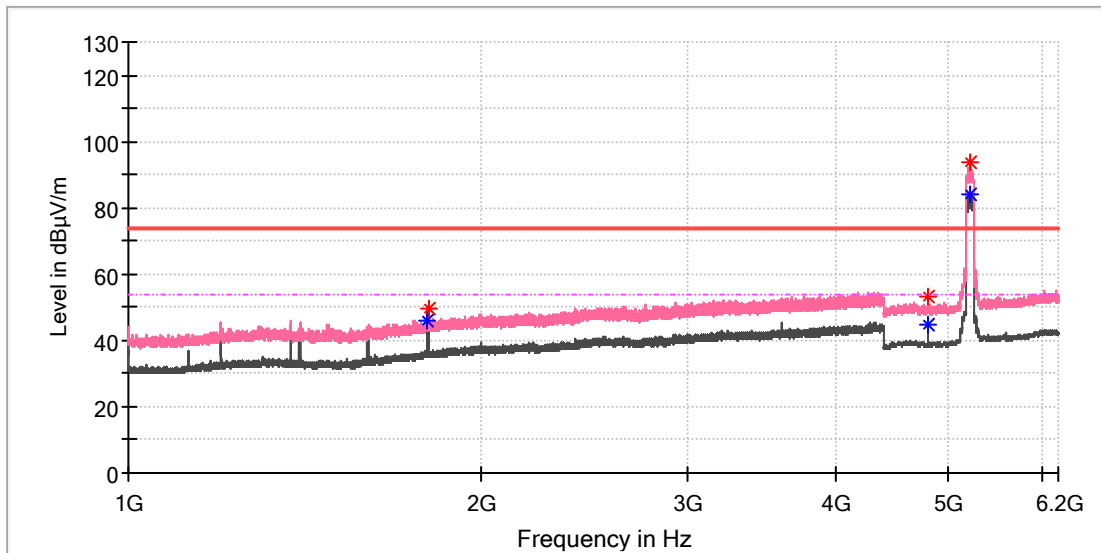
### Final Result

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 5G\_11ac80\_Ch42  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

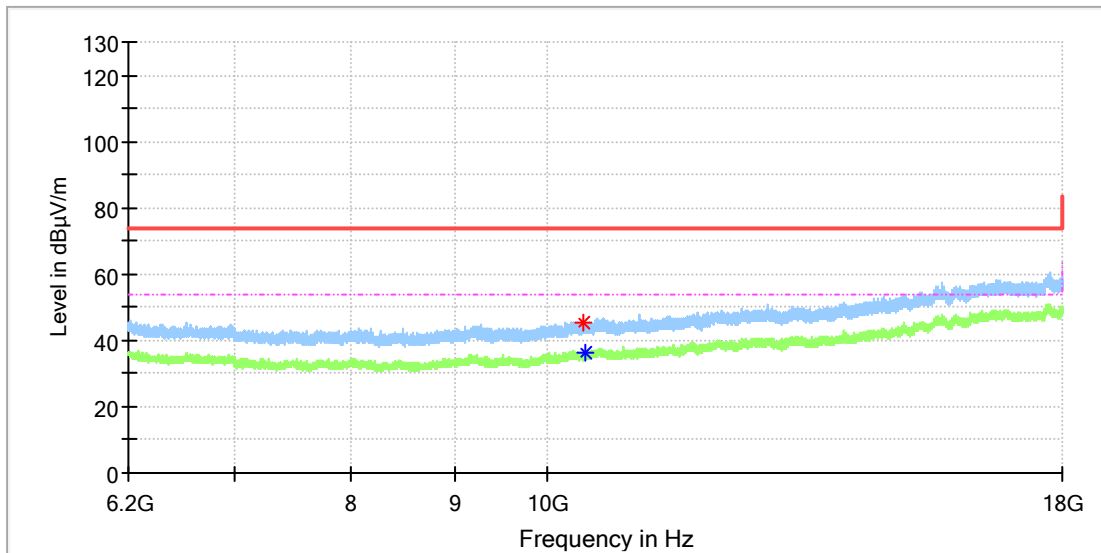
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1799.680000	---	45.65	54.00	8.35	100.0	V	285.0	4.7
1800.190000	49.68	---	74.00	24.32	100.0	V	285.0	4.7
4799.500000	---	44.70	54.00	9.30	100.0	V	237.0	11.8
4800.000000	53.35	---	74.00	20.65	100.0	V	237.0	11.8
5208.500000	93.55	---	74.00	-19.55	100.0	V	280.0	12.7
5208.500000	---	84.23	54.00	-30.23	100.0	V	280.0	12.7

### 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 5G\_11ac80\_Ch42  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

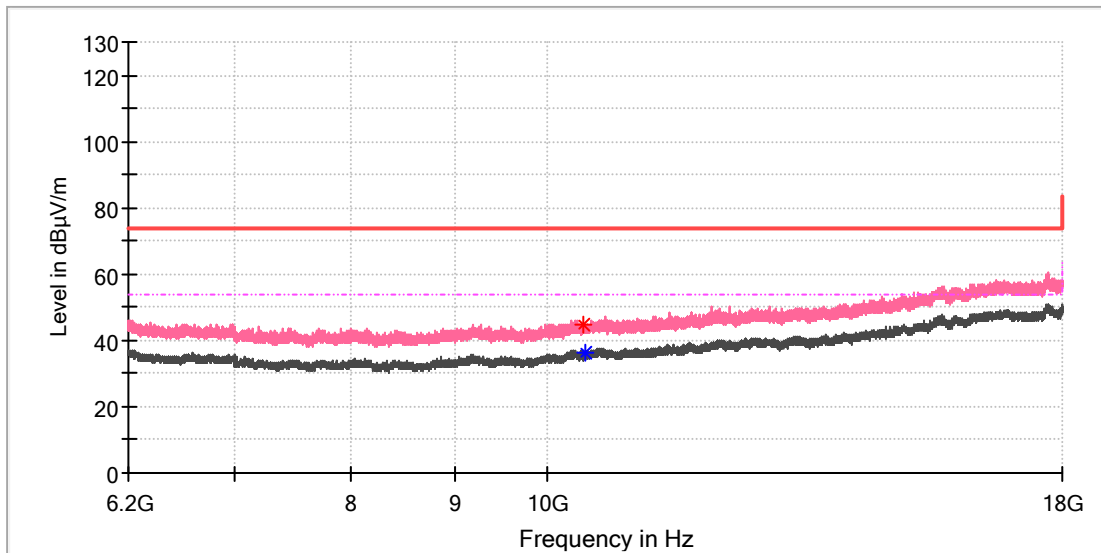
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10420.958333	45.39	---	74.00	28.61	100.0	H	355.0	11.9
10434.725000	---	36.29	54.00	17.71	100.0	H	73.0	11.9

### 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 5G\_11ac80\_Ch42  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

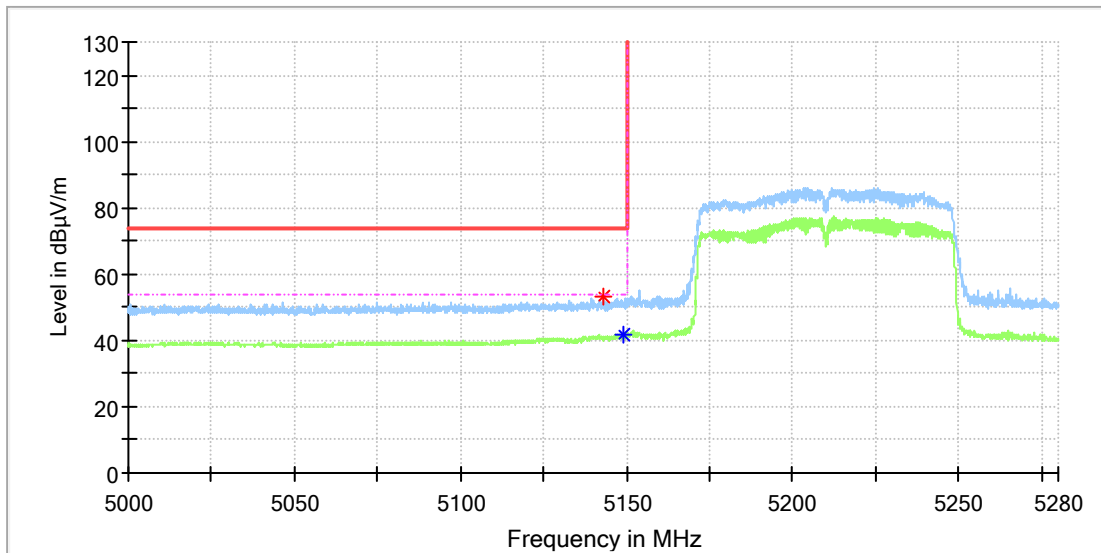
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10431.775000	44.81	---	74.00	29.19	100.0	V	252.0	11.9
10441.116667	---	36.53	54.00	17.47	100.0	V	105.0	11.9

### 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 5G\_11ac80\_Ch42  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

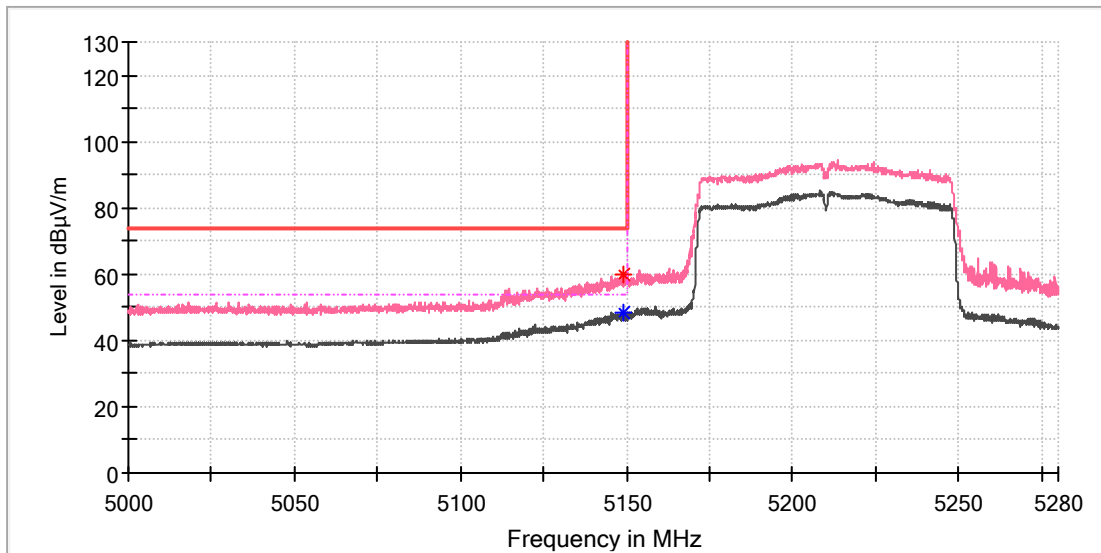
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5143.033333	53.36	---	74.00	20.64	100.0	H	261.0	12.4
5149.100000	---	41.99	54.00	12.01	100.0	H	207.0	12.4

### Final Result

Frequency (MHz)	Average (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 5G\_11ac80\_Ch42  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 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)
5149.100000	59.58	---	74.00	14.42	100.0	V	285.0	12.4
5149.100000	---	48.53	54.00	5.47	100.0	V	285.0	12.4

### Final Result

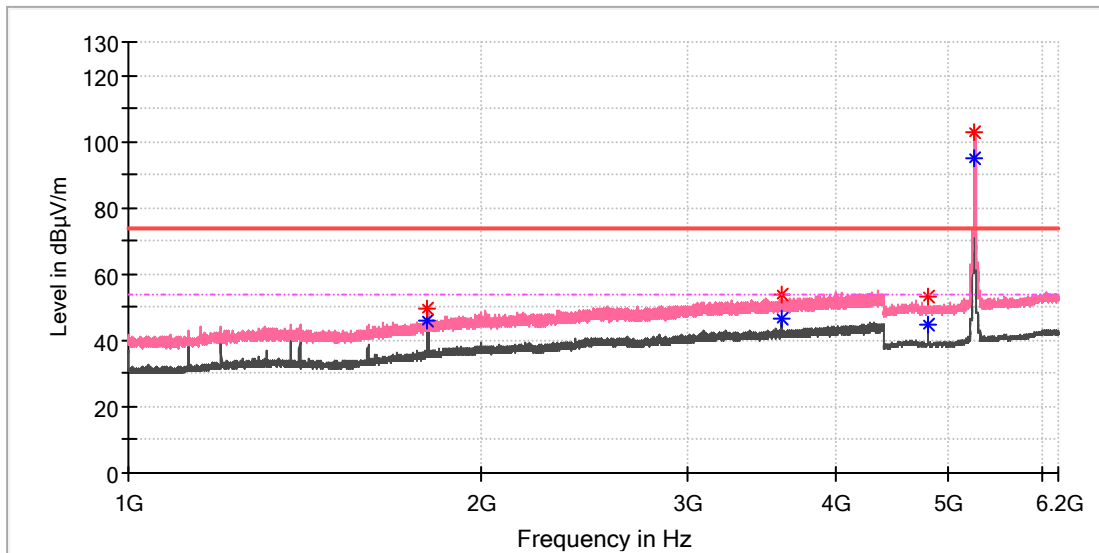
Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---





## EUT Information

EUT Name:	plant controller
Model:	IQ5-00-BW-24
Test Mode:	WIFI 5G_11a_Ch52
Order No/Sample No:	168374226/A003262749-003
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



## Critical Freqs

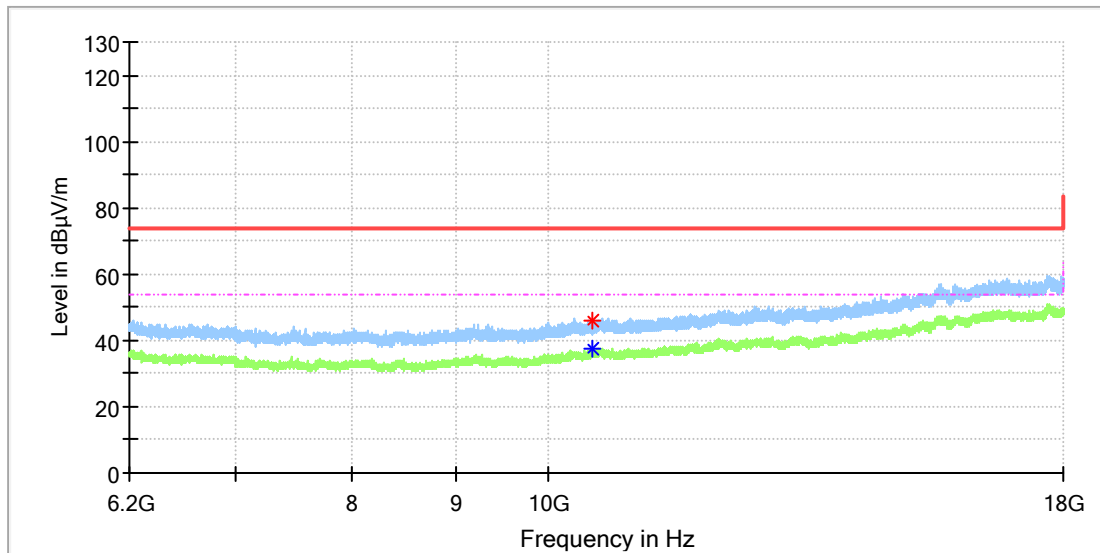
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1799.850000	49.56	---	74.00	24.44	100.0	V	282.0	4.7
1799.850000	---	46.12	54.00	7.88	100.0	V	282.0	4.7
3599.980000	---	46.53	54.00	7.47	100.0	V	56.0	9.3
3600.830000	53.53	---	74.00	20.47	100.0	V	98.0	9.3
4800.000000	53.24	---	74.00	20.76	100.0	V	237.0	11.8
4800.000000	---	44.73	54.00	9.27	100.0	V	237.0	11.8
5261.500000	---	94.68	54.00	-40.68	100.0	V	282.0	12.9
5262.500000	102.74	---	74.00	-28.74	100.0	V	282.0	12.9

## 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 5G\_11a\_Ch52  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical Freqs

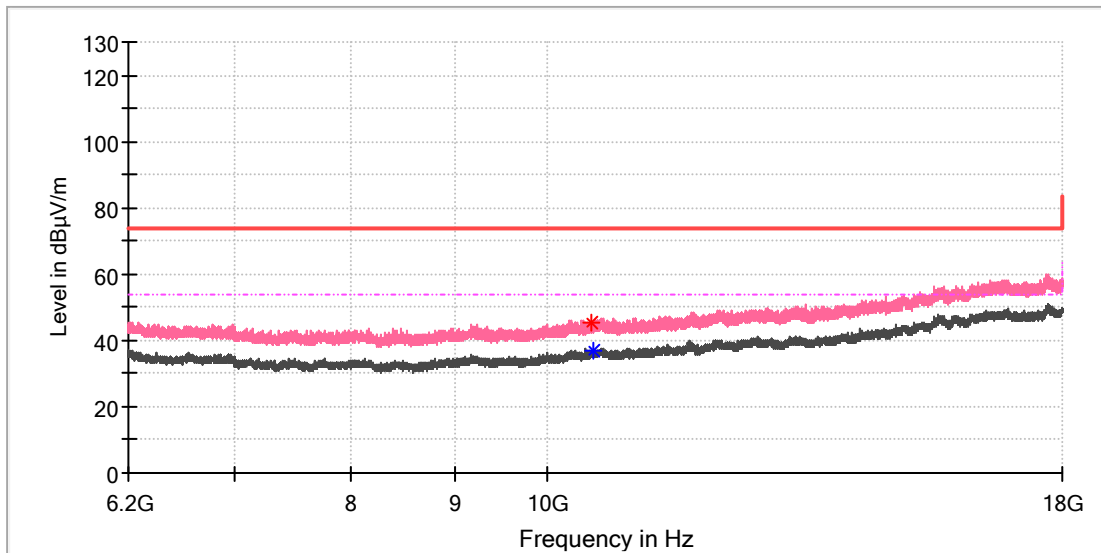
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10519.783333	46.26	---	74.00	27.74	100.0	H	173.0	12.0
10522.733333	---	37.28	54.00	16.72	100.0	H	332.0	12.0

## 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 5G\_11a\_Ch52  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

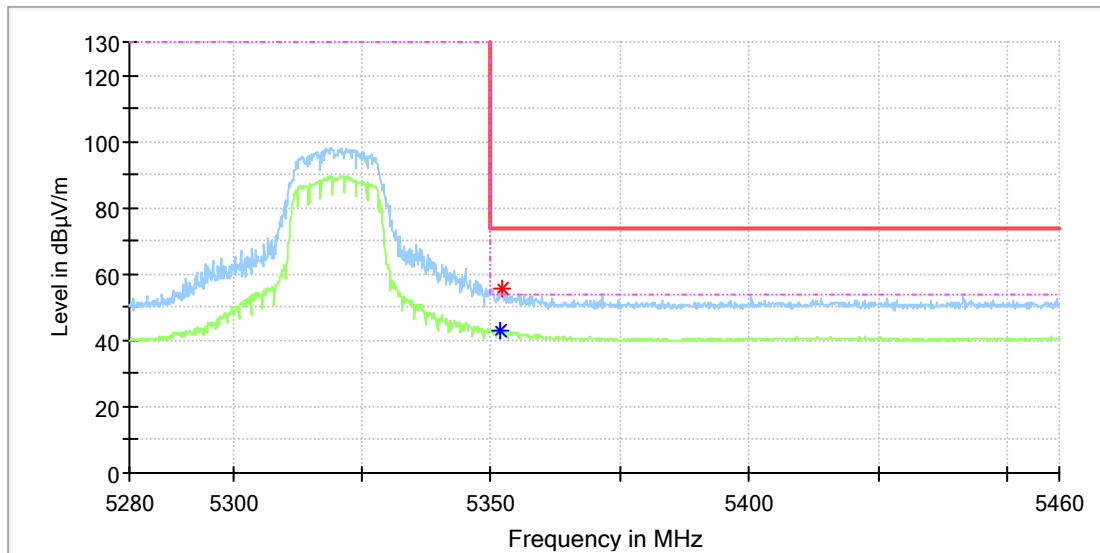
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10504.541667	45.55	---	74.00	28.45	100.0	V	2.0	12.0
10531.091667	---	37.11	54.00	16.89	100.0	V	155.0	12.0

### 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 5G\_11a\_Ch64  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical Freqs

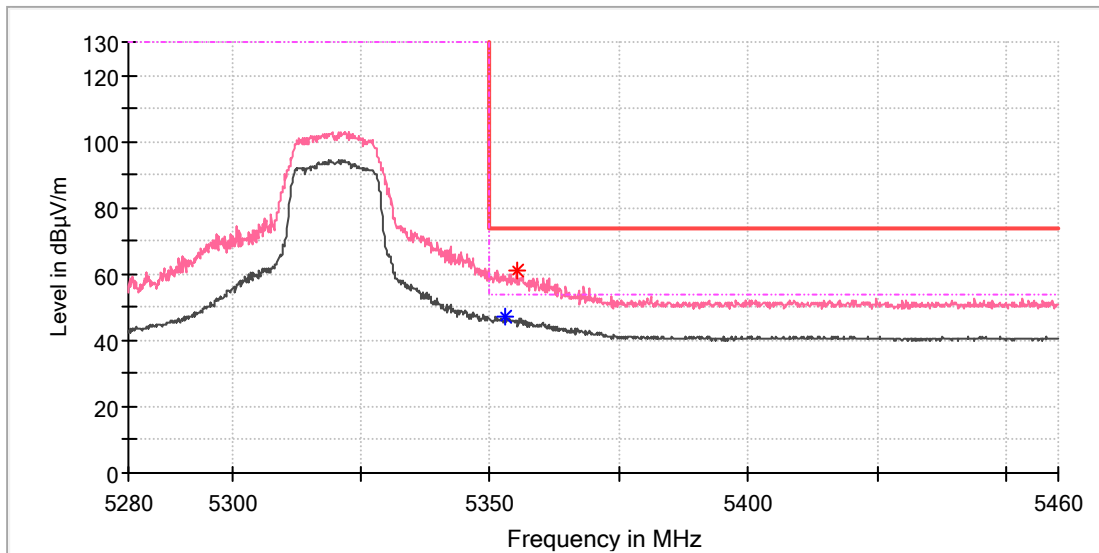
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5351.900000	---	43.06	54.00	10.94	100.0	H	270.0	13.3
5352.155556	55.86	---	74.00	18.14	100.0	H	270.0	13.3

## 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 5G\_11a\_Ch64  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 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)
5352.922222	---	47.20	54.00	6.80	100.0	V	274.0	13.3
5355.094445	60.97	---	74.00	13.03	100.0	V	274.0	13.3

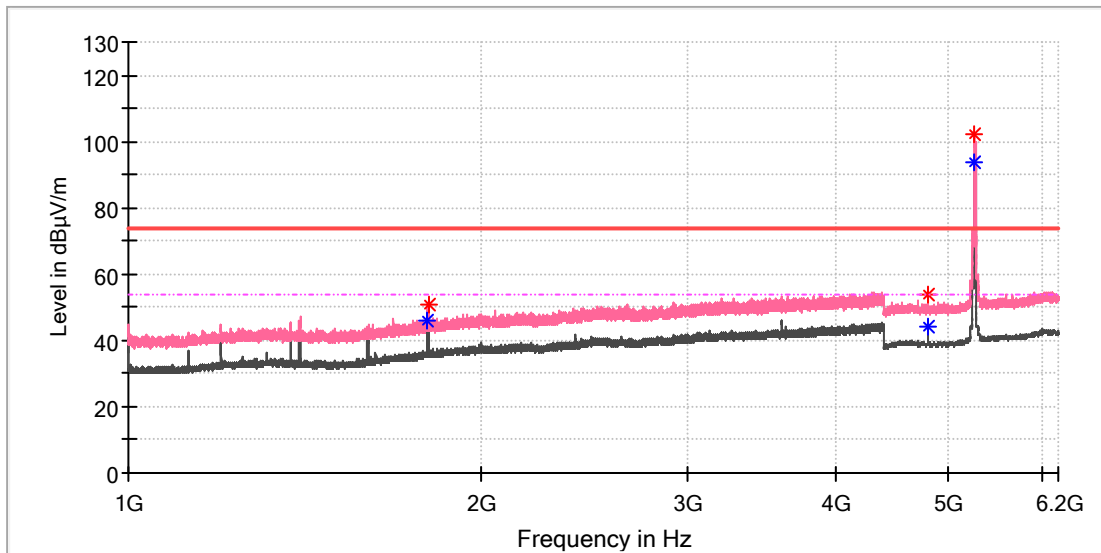
## Final Result

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 5G\_11n20\_Ch52  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

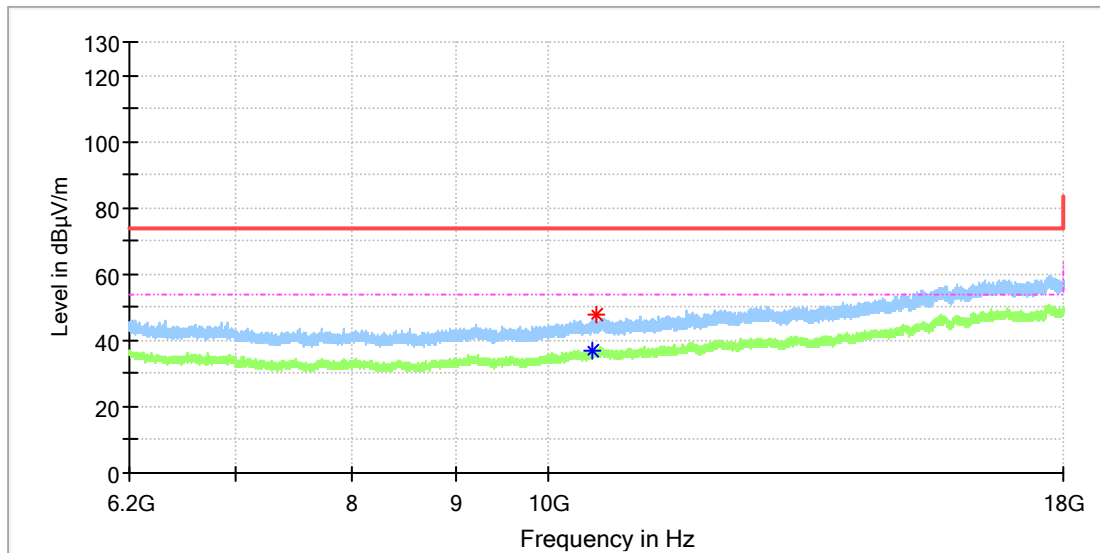
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1800.020000	---	46.03	54.00	7.97	100.0	V	283.0	4.7
1800.190000	50.96	---	74.00	23.04	100.0	V	283.0	4.7
4799.500000	53.61	---	74.00	20.39	100.0	V	241.0	11.8
4800.000000	---	44.40	54.00	9.60	100.0	V	234.0	11.8
5258.500000	---	93.59	54.00	-39.59	100.0	V	277.0	12.9
5261.500000	101.97	---	74.00	-27.97	100.0	V	277.0	12.9

### 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 5G\_11n20\_Ch52  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 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)
10513.391667	---	36.80	54.00	17.20	100.0	H	129.0	12.0
10564.525000	47.52	---	74.00	26.48	100.0	H	0.0	12.0

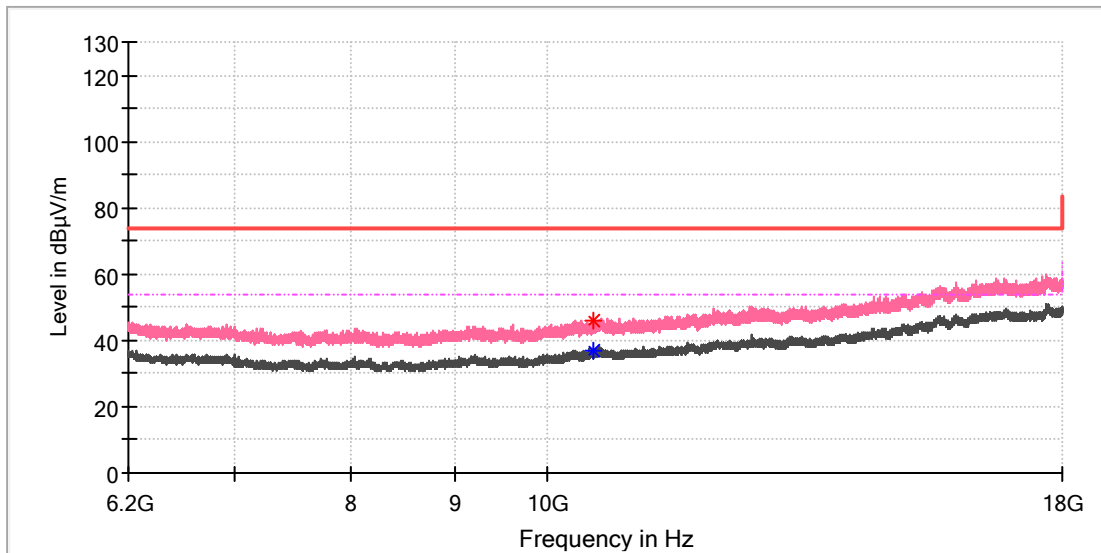
## Final Result

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 5G\_11n20\_Ch52  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

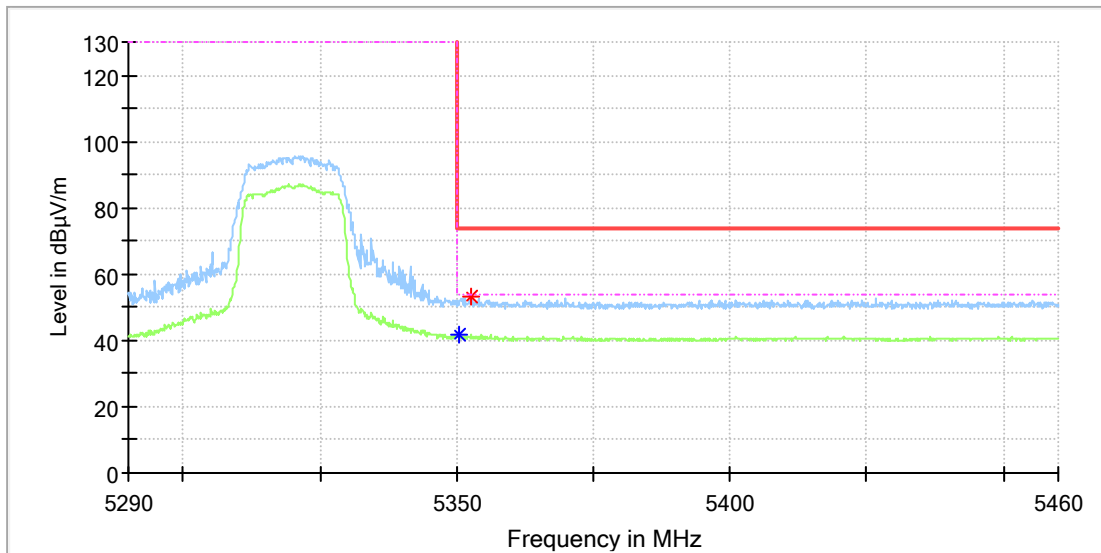
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10531.583333	---	36.69	54.00	17.31	100.0	V	166.0	12.0
10535.516667	45.96	---	74.00	28.04	100.0	V	0.0	12.0

### 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 5G\_11n20\_Ch64  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

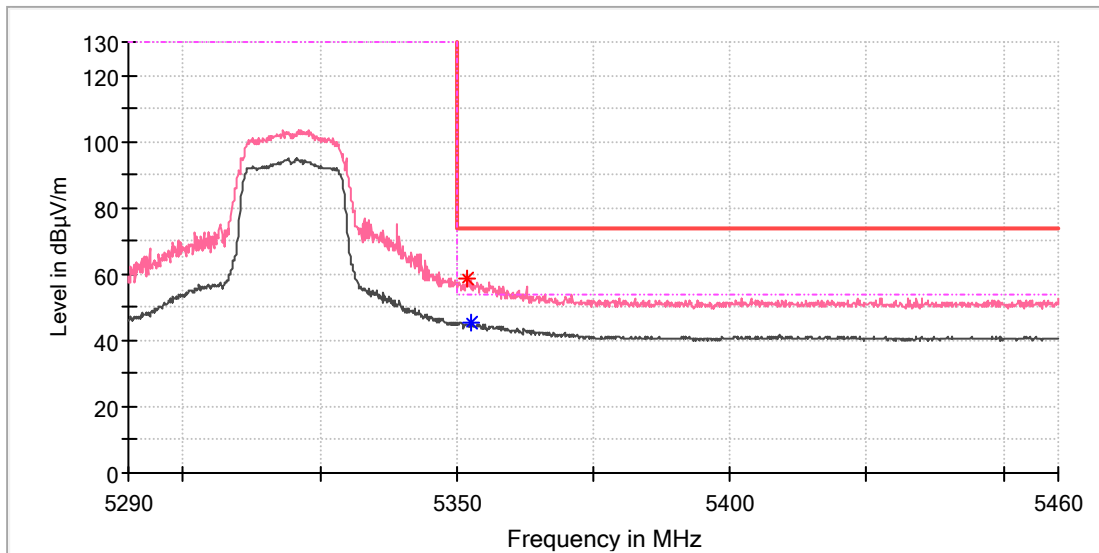
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5350.366667	---	41.71	54.00	12.29	100.0	H	261.0	13.3
5352.794445	53.15	---	74.00	20.85	100.0	H	261.0	13.3

### 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 5G_11n20_Ch64
Order No/Sample No:	168374226/A003262749-003
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
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)
5352.027778	58.85	---	74.00	15.15	100.0	V	284.0	13.3
5352.666667	---	45.50	54.00	8.50	100.0	V	275.0	13.3

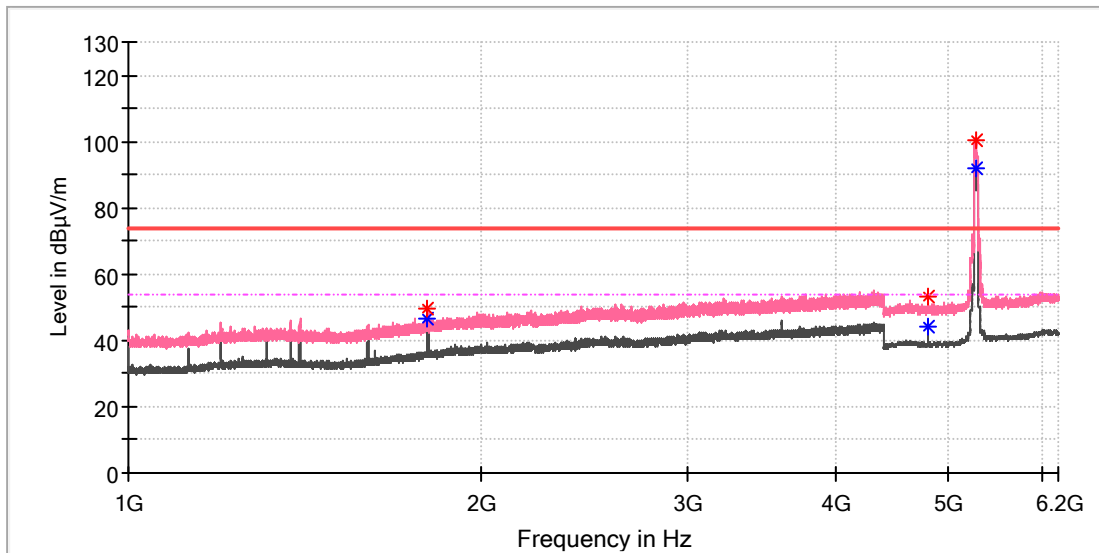
## Final Result

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 5G_11n40_Ch54
Order No/Sample No:	168374226/A003262749-003
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



## Critical Freqs

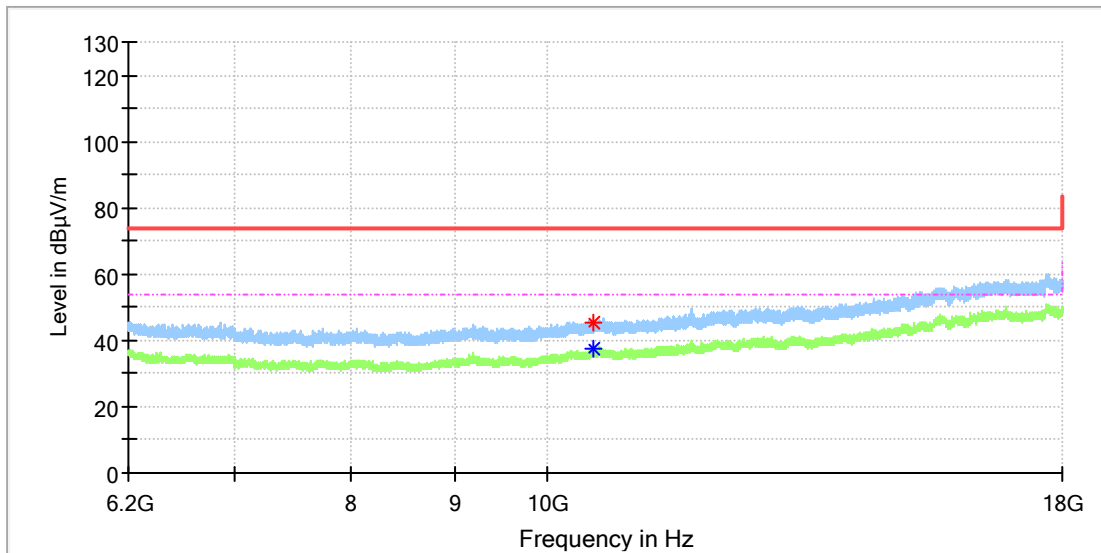
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1799.850000	49.60	---	74.00	24.40	100.0	V	283.0	4.7
1799.850000	---	46.83	54.00	7.17	100.0	V	283.0	4.7
4799.500000	---	44.16	54.00	9.84	100.0	V	236.0	11.8
4800.000000	53.08	---	74.00	20.92	100.0	V	236.0	11.8
5271.500000	100.59	---	74.00	-26.59	100.0	V	281.0	12.9
5271.500000	---	91.73	54.00	-37.73	100.0	V	281.0	12.9

## 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 5G\_11n40\_Ch54  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

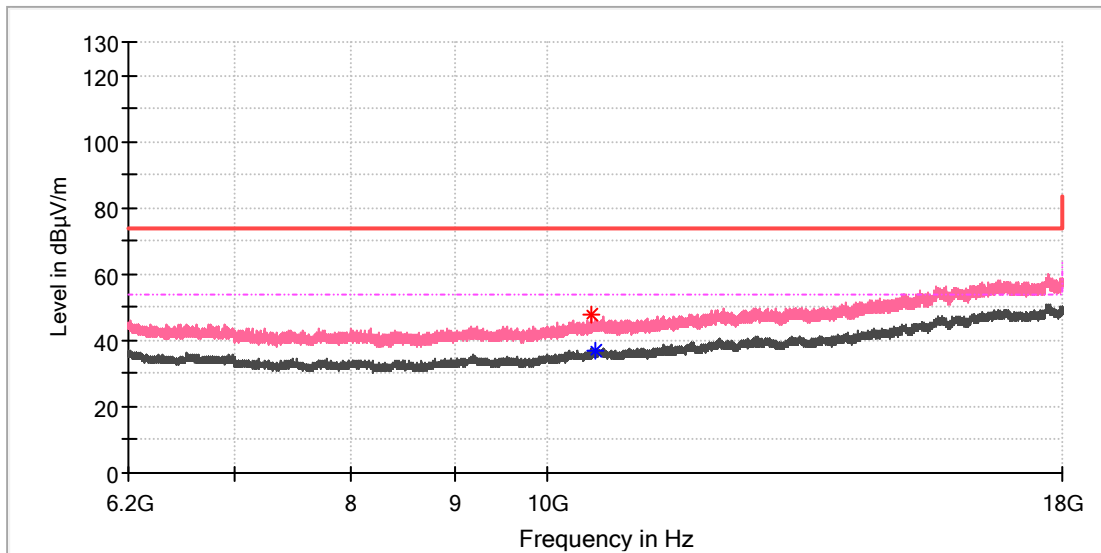
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10532.075000	45.63	---	74.00	28.37	100.0	H	346.0	12.0
10548.791667	---	37.39	54.00	16.61	100.0	H	237.0	12.0

### 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 5G\_11n40\_Ch54  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

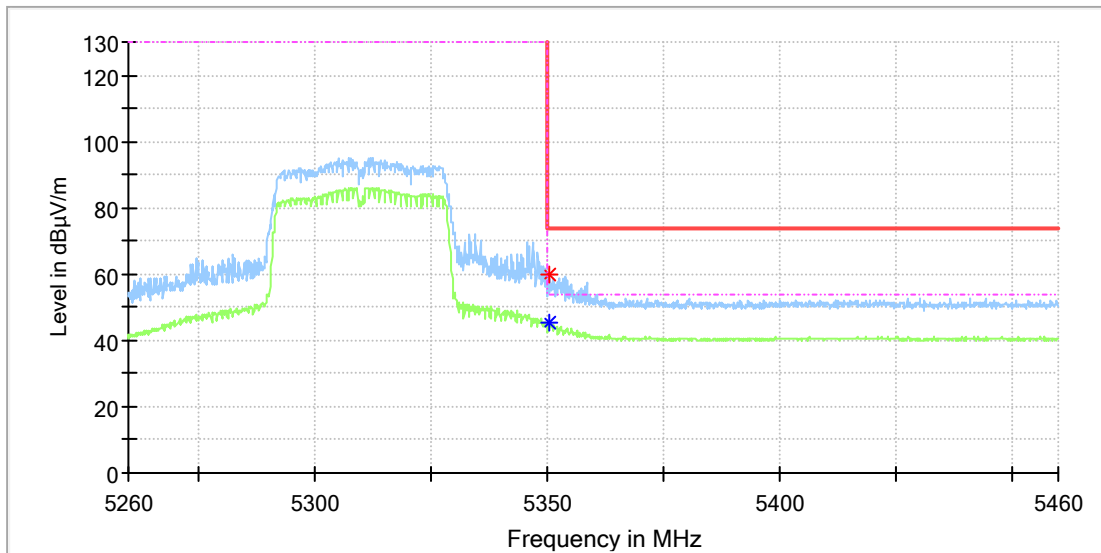
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10512.900000	47.64	---	74.00	26.36	100.0	V	248.0	12.0
10560.100000	---	36.87	54.00	17.13	100.0	V	0.0	12.0

### 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 5G\_11n40\_Ch62  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 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)
5350.366667	60.09	---	74.00	13.91	100.0	H	270.0	13.3
5350.494445	---	45.12	54.00	8.88	100.0	H	270.0	13.3

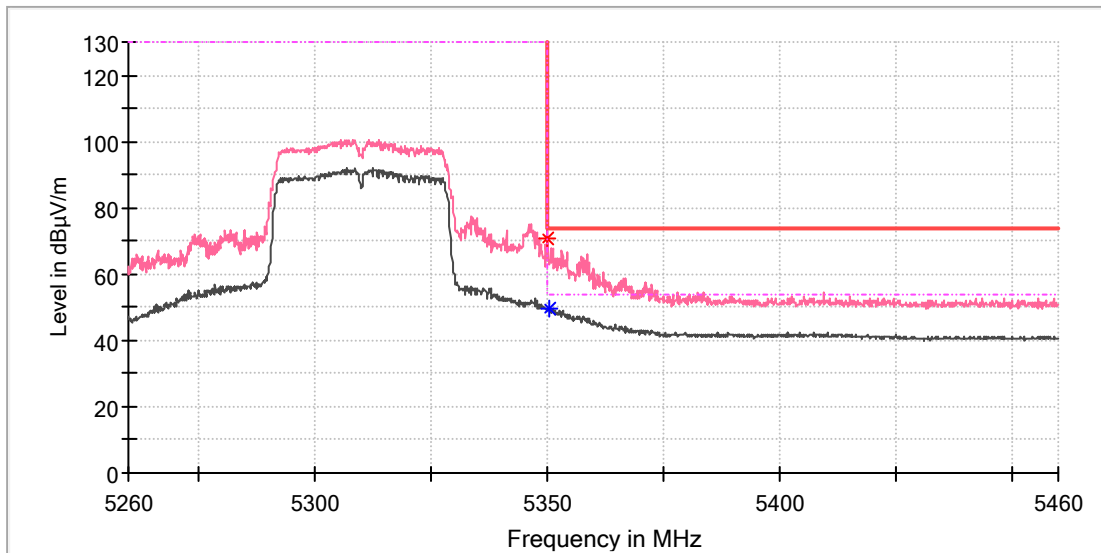
### Final Result

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 5G\_11n40\_Ch62  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

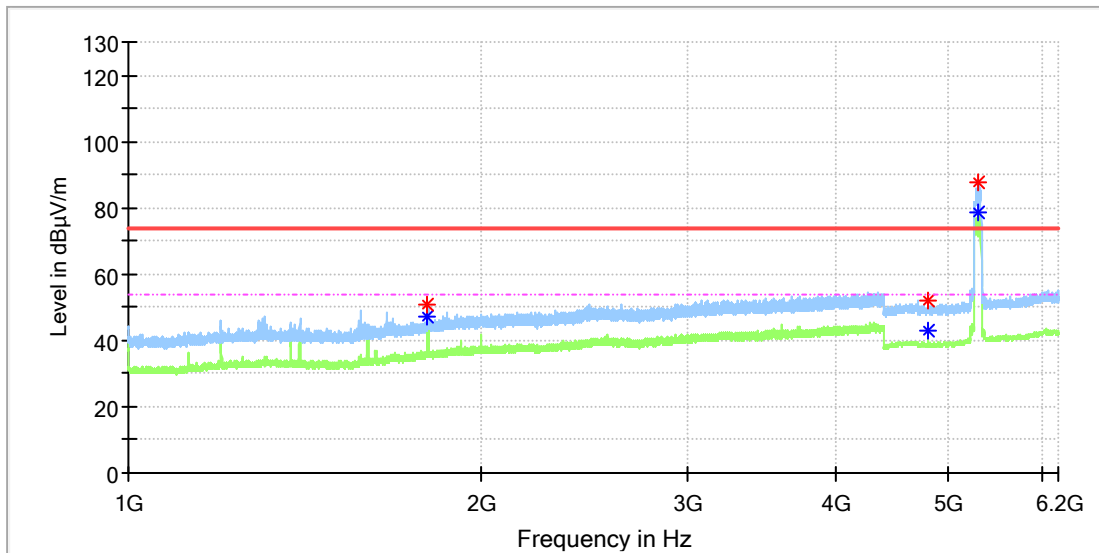
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5350.238889	70.71	---	74.00	3.29	100.0	V	269.0	13.3
5350.622222	---	49.66	54.00	4.34	100.0	V	286.0	13.3

### 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 5G\_11ac80\_Ch58  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical Freqs

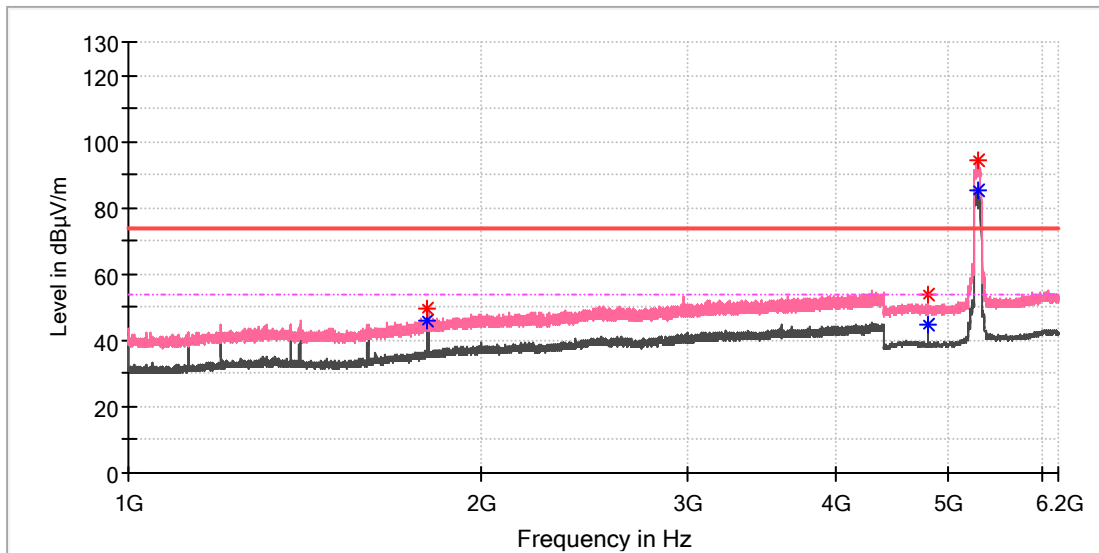
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1799.850000	50.56	---	74.00	23.44	100.0	H	344.0	4.7
1799.850000	---	47.41	54.00	6.59	100.0	H	344.0	4.7
4800.000000	51.97	---	74.00	22.03	100.0	H	304.0	11.8
4800.000000	---	42.86	54.00	11.14	100.0	H	304.0	11.8
5295.500000	87.58	---	74.00	-13.58	100.0	H	271.0	13.0
5296.000000	---	78.36	54.00	-24.36	100.0	H	271.0	13.0

## 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 5G_11ac80_Ch58
Order No/Sample No:	168374226/A003262749-003
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



## Critical Freqs

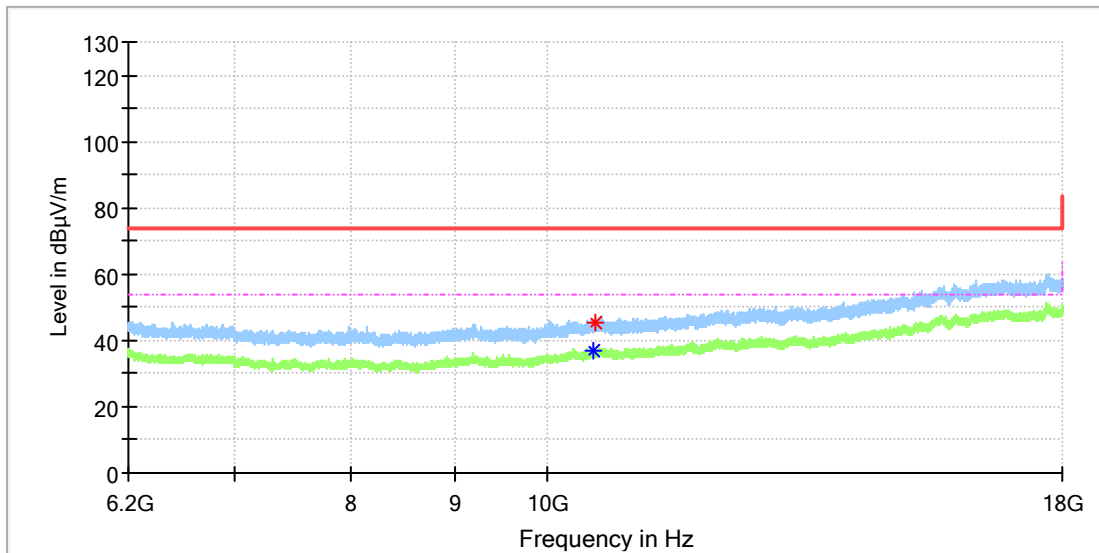
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1799.680000	49.33	---	74.00	24.67	100.0	V	282.0	4.7
1800.020000	---	46.02	54.00	7.98	100.0	V	282.0	4.7
4799.500000	53.86	---	74.00	20.14	100.0	V	238.0	11.8
4799.500000	---	44.92	54.00	9.08	100.0	V	238.0	11.8
5297.500000	---	85.40	54.00	-31.40	100.0	V	270.0	13.0
5299.000000	94.30	---	74.00	-20.30	100.0	V	259.0	13.0

## 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 5G\_11ac80\_Ch58  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical Freqs

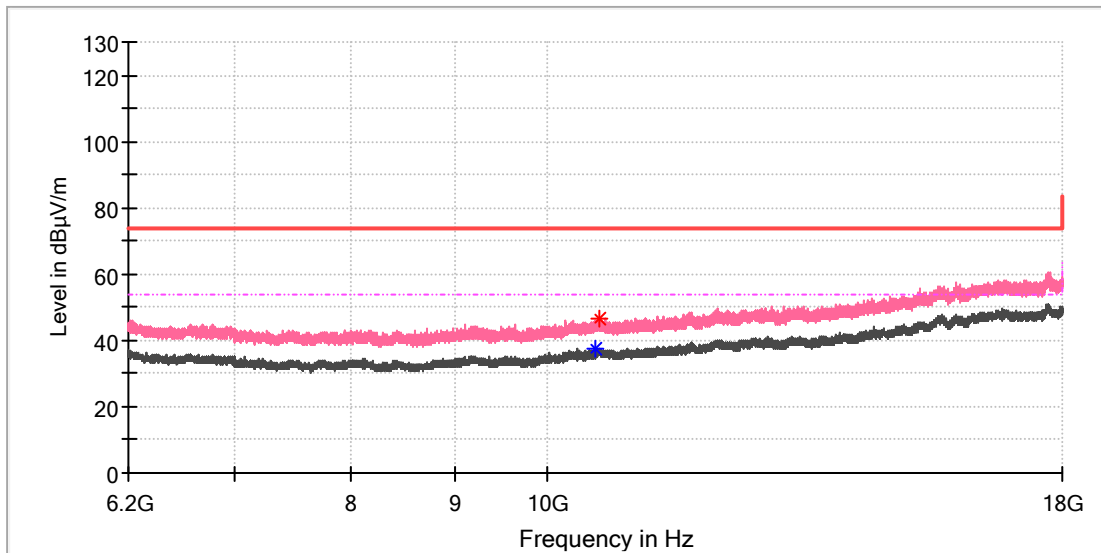
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10548.791667	---	37.08	54.00	16.92	100.0	H	21.0	12.0
10573.375000	45.61	---	74.00	28.39	100.0	H	130.0	12.0

## 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 5G\_11ac80\_Ch58  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

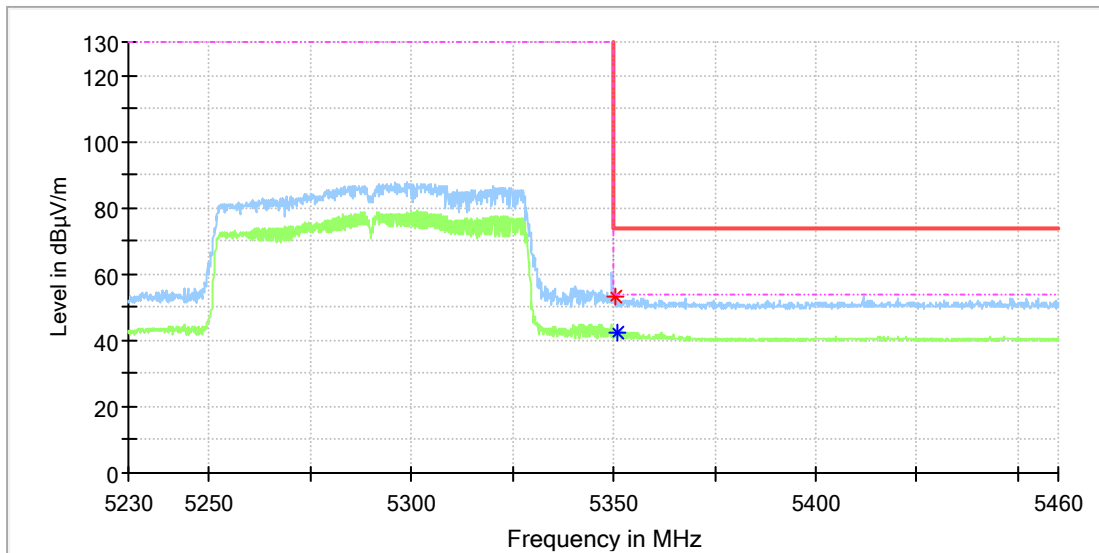
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10569.933333	---	37.19	54.00	16.81	100.0	V	110.0	12.0
10621.066667	46.57	---	74.00	27.43	100.0	V	123.0	12.0

### 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 5G\_11ac80\_Ch58  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical Freqs

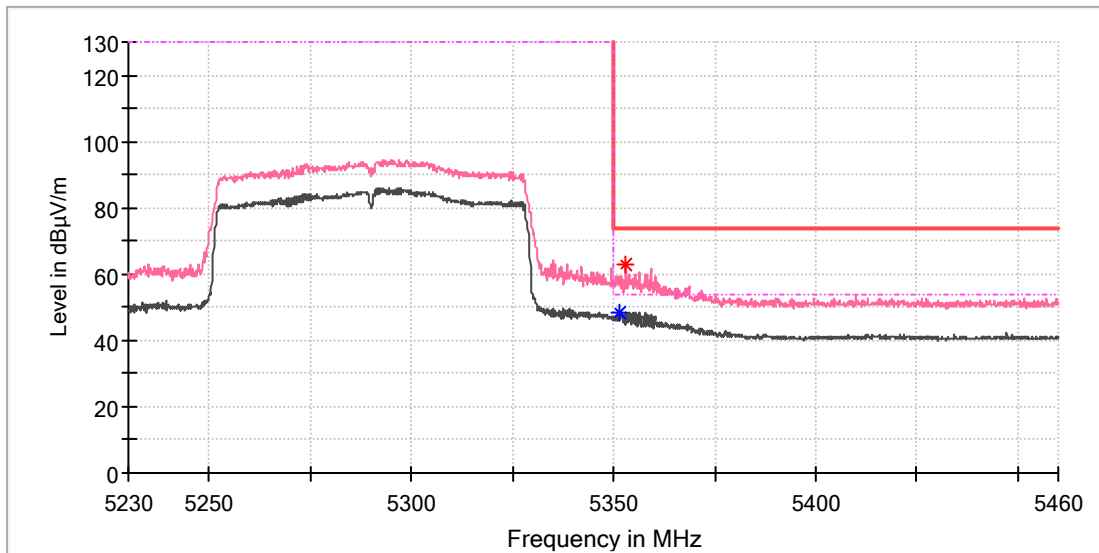
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5350.238889	53.32	---	74.00	20.68	100.0	H	267.0	13.3
5351.005556	---	42.49	54.00	11.51	100.0	H	267.0	13.3

## 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 5G_11ac80_Ch58
Order No/Sample No:	168374226/A003262749-003
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
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)
5351.516667	---	48.64	54.00	5.36	100.0	V	271.0	13.3
5353.177778	62.74	---	74.00	11.26	100.0	V	271.0	13.3

## Final Result

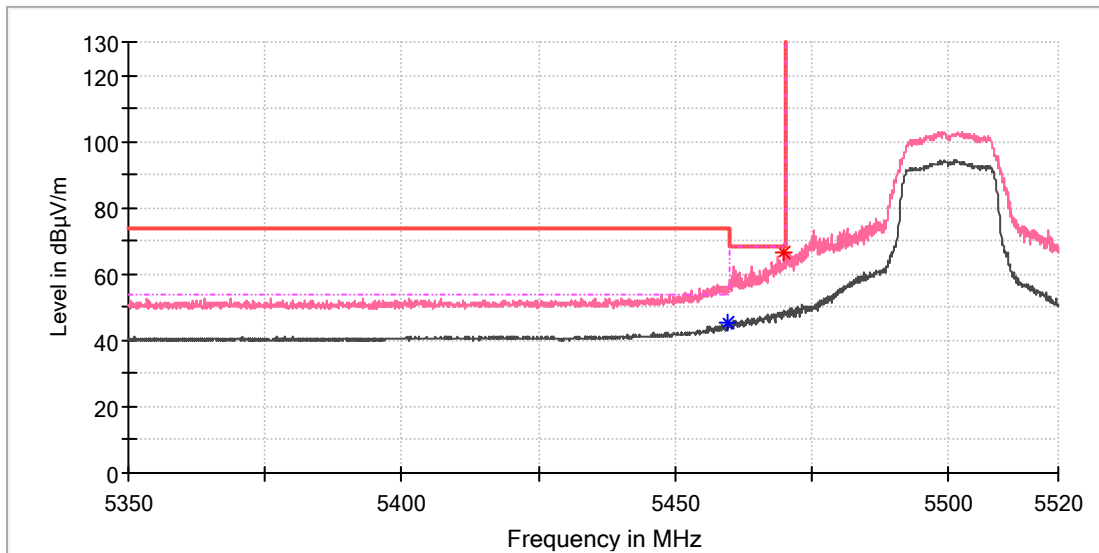
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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## EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 5G\_11a\_Ch100  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical Freqs

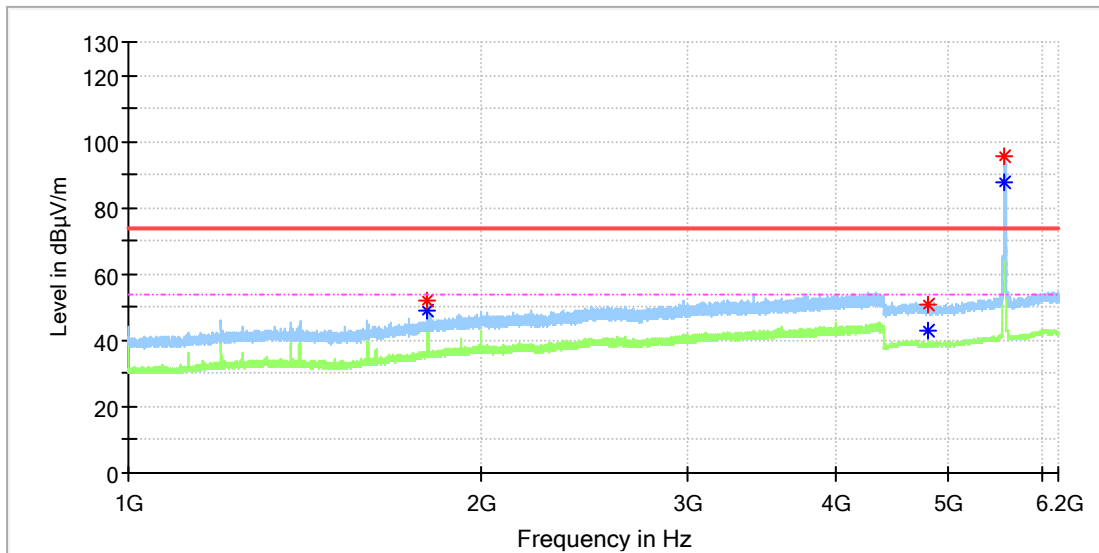
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5459.697222	---	45.32	54.00	8.68	100.0	V	265.0	13.6
5469.855556	66.59	---	68.20	1.61	100.0	V	275.0	13.6

## Final Result

Frequency (MHz)	Average (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 5G\_11a\_Ch116  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical Freqs

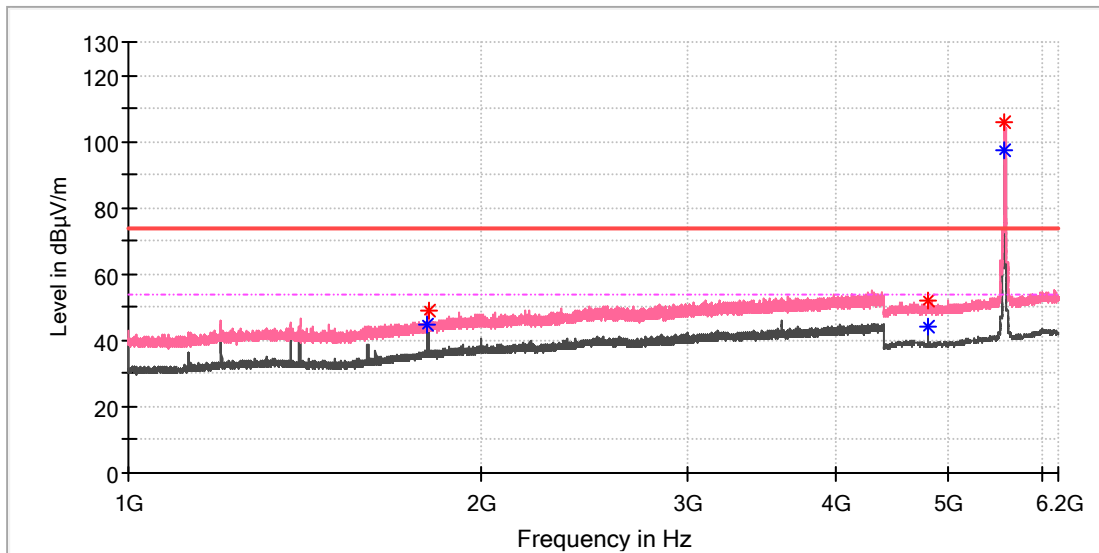
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1799.850000	51.81	---	74.00	22.19	100.0	H	338.0	4.7
1800.020000	---	49.26	54.00	4.74	100.0	H	338.0	4.7
4799.000000	50.52	---	74.00	23.48	100.0	H	7.0	11.8
4800.000000	---	42.90	54.00	11.10	100.0	H	103.0	11.8
5578.500000	95.80	---	74.00	-21.80	100.0	H	272.0	13.8
5581.000000	---	87.53	54.00	-33.53	100.0	H	272.0	13.8

## 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 5G\_11a\_Ch116  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical Freqs

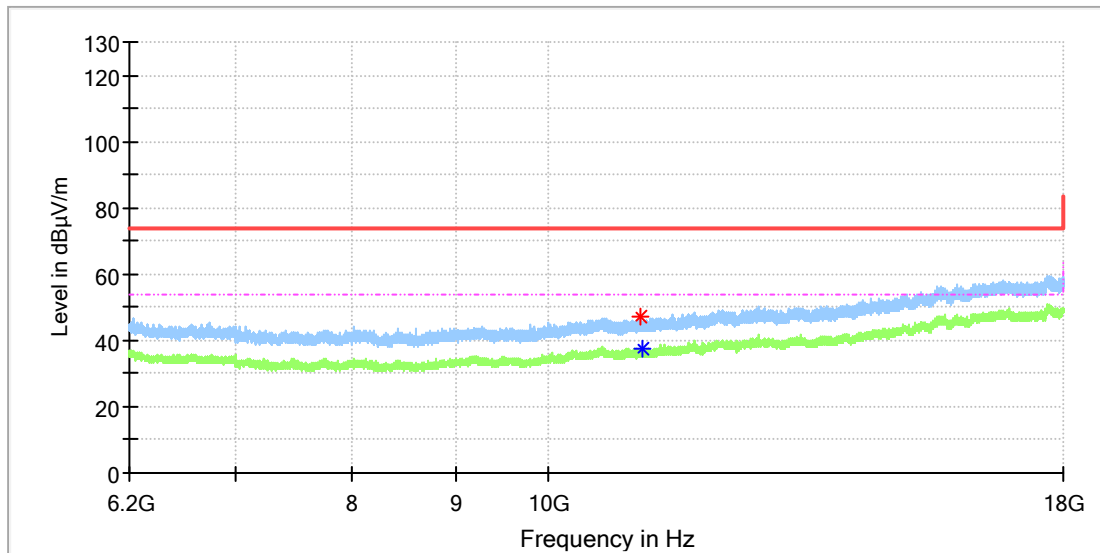
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1800.020000	---	45.05	54.00	8.95	100.0	V	285.0	4.7
1800.190000	49.07	---	74.00	24.93	100.0	V	285.0	4.7
4799.500000	---	44.31	54.00	9.69	100.0	V	242.0	11.8
4800.000000	52.21	---	74.00	21.79	100.0	V	242.0	11.8
5581.500000	---	97.08	54.00	-43.08	100.0	V	278.0	13.8
5582.000000	105.69	---	74.00	-31.69	100.0	V	278.0	13.8

## 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 5G\_11a\_Ch116  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical Freqs

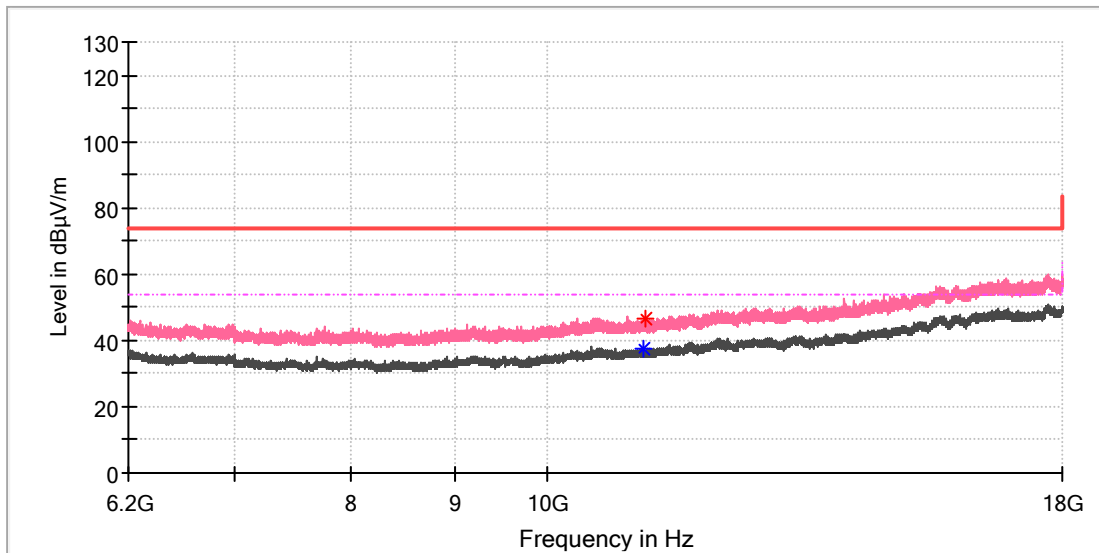
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11097.983333	47.19	---	74.00	26.81	100.0	H	46.0	12.4
11139.283333	---	37.54	54.00	16.46	100.0	H	46.0	12.5

## 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 5G\_11a\_Ch116  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical Freqs

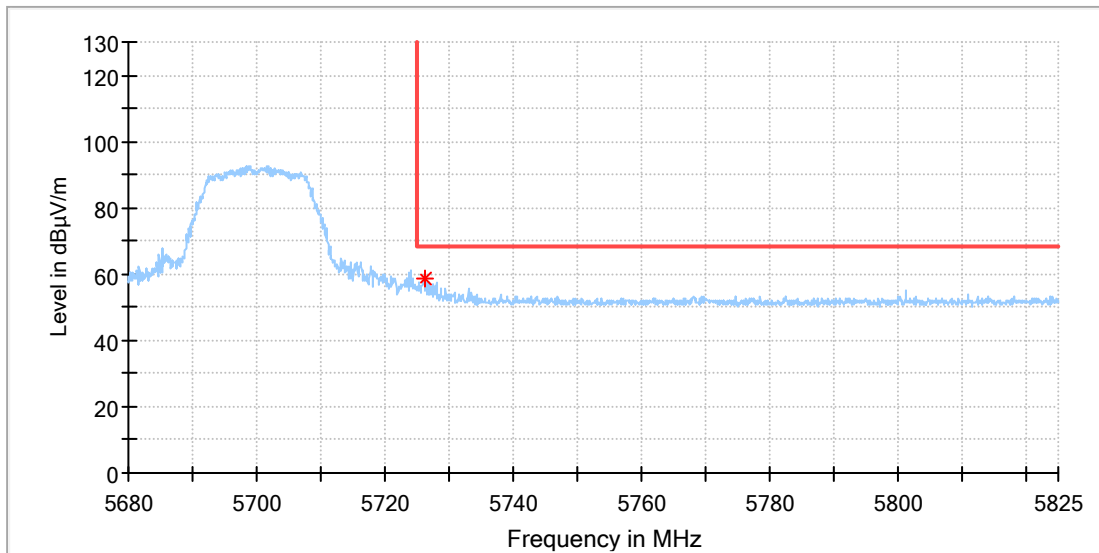
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11169.275000	---	37.42	54.00	16.59	100.0	V	359.0	12.5
11188.941667	46.43	---	74.00	27.57	100.0	V	269.0	12.6

## 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 5G_11a_Ch140
Order No/Sample No:	168374226/A003262749-003
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



## Critical Freqs

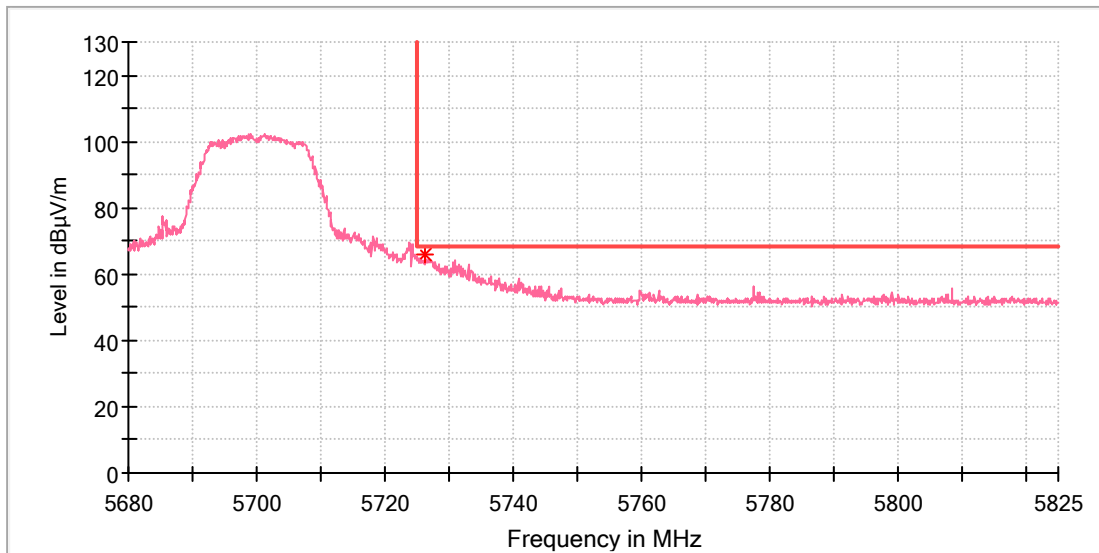
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5726.125000	58.40	68.20	9.80	100.0	H	33.0	13.9

## 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 5G_11a_Ch140
Order No/Sample No:	168374226/A003262749-003
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



## Critical Freqs

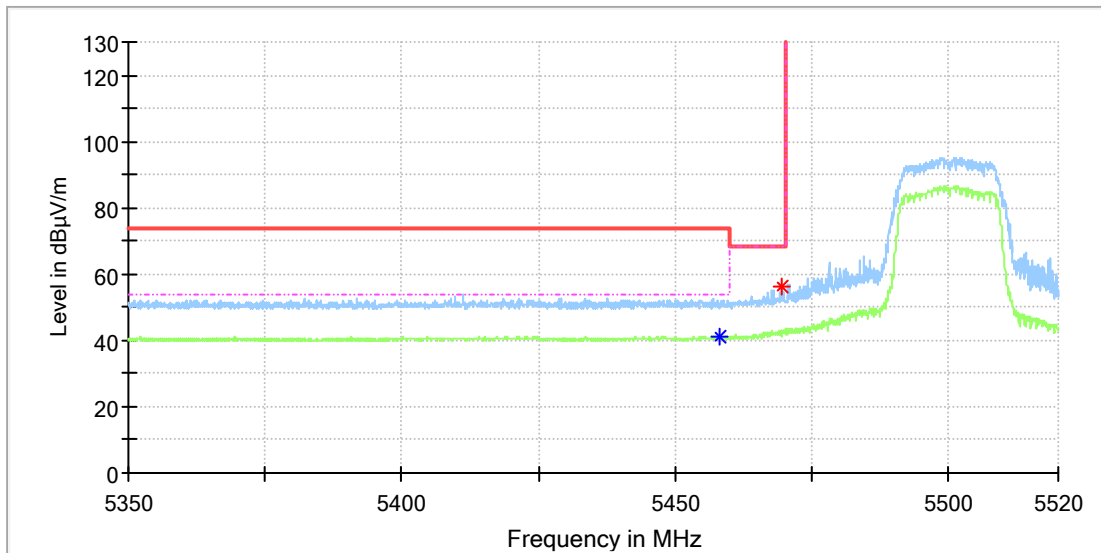
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5726.300000	65.63	68.20	2.57	100.0	V	176.0	13.9

## 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 5G\_11n20\_Ch100  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 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)
5458.100000	---	41.34	54.00	12.66	100.0	H	265.0	13.6
5469.600000	56.00	---	68.20	12.20	100.0	H	273.0	13.6

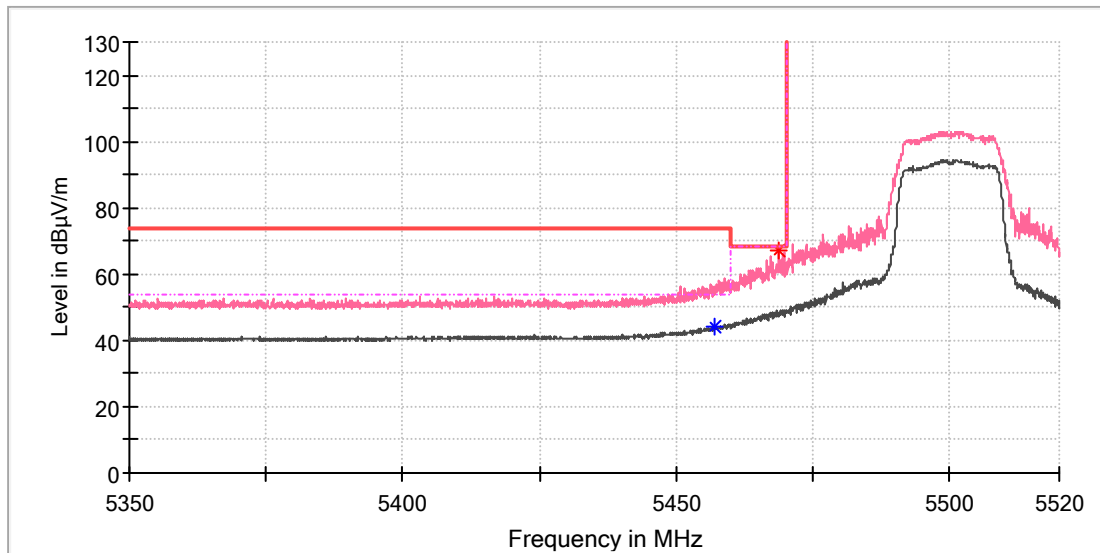
### Final Result

Frequency (MHz)	Average (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 5G\_11n20\_Ch100  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical Freqs

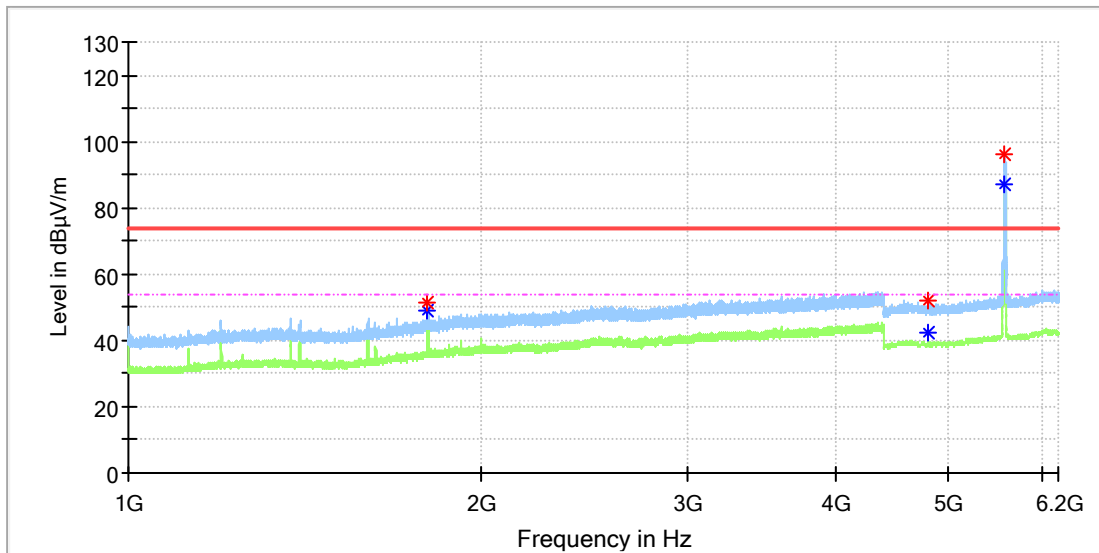
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5456.950000	---	44.34	54.00	9.66	100.0	V	274.0	13.6
5468.705556	67.08	---	68.20	1.12	100.0	V	346.0	13.6

## Final Result

Frequency (MHz)	Average (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 5G\_11n20\_Ch116  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical Freqs

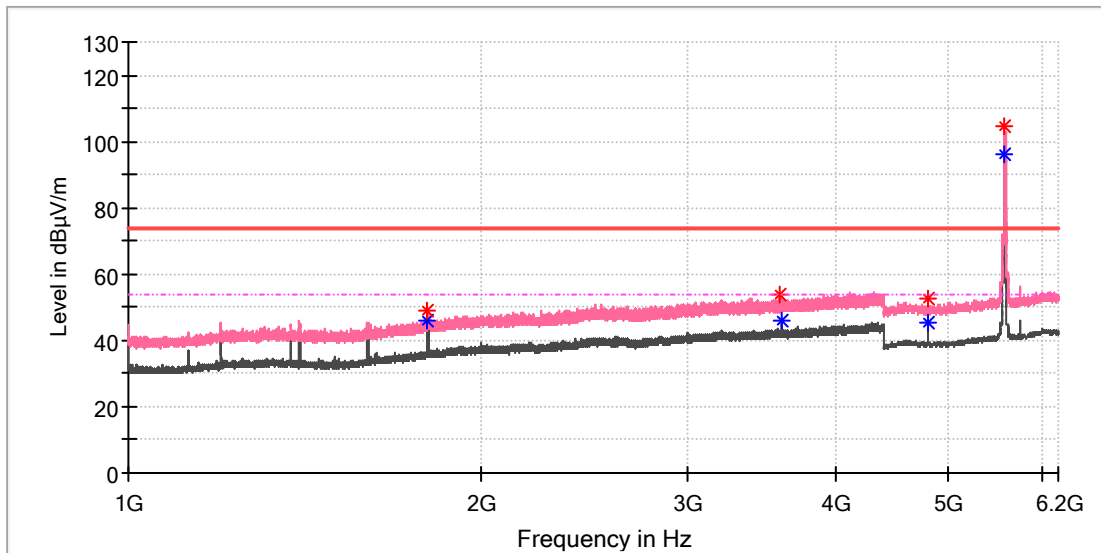
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1799.850000	---	48.78	54.00	5.22	100.0	H	335.0	4.7
1799.850000	51.46	---	74.00	22.54	100.0	H	335.0	4.7
4800.000000	51.91	---	74.00	22.09	100.0	H	269.0	11.8
4800.000000	---	42.59	54.00	11.41	100.0	H	269.0	11.8
5578.500000	95.91	---	74.00	-21.91	100.0	H	269.0	13.8
5581.000000	---	87.35	54.00	-33.35	100.0	H	269.0	13.8

## 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 5G\_11n20\_Ch116  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

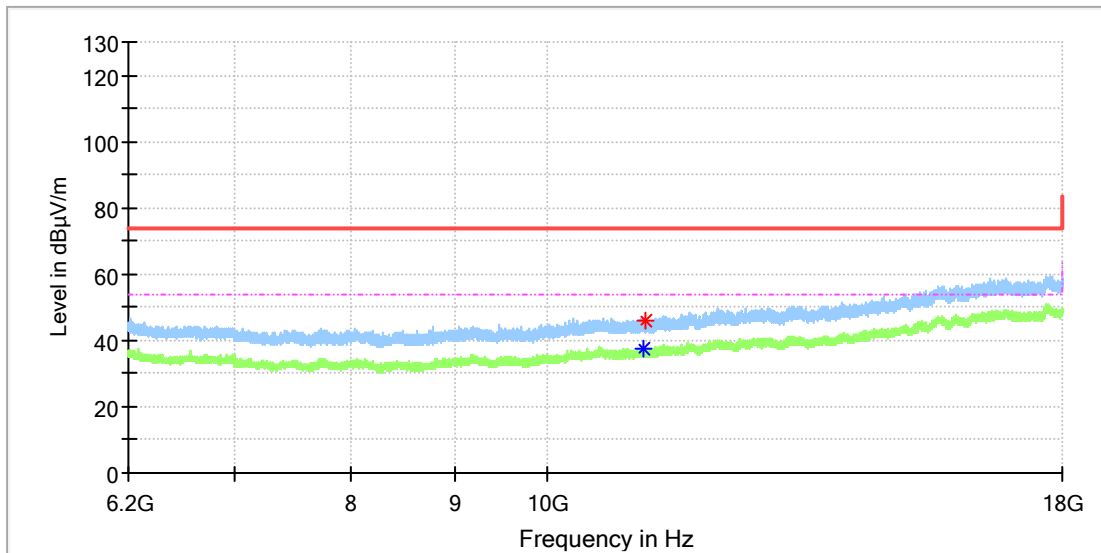
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1799.850000	---	45.95	54.00	8.05	100.0	V	275.0	4.7
1800.020000	48.99	---	74.00	25.01	100.0	V	275.0	4.7
3594.200000	53.81	---	74.00	20.19	100.0	V	331.0	9.3
3599.810000	---	46.09	54.00	7.91	100.0	V	78.0	9.3
4800.000000	52.79	---	74.00	21.21	100.0	V	84.0	11.8
4800.000000	---	45.16	54.00	8.84	100.0	V	84.0	11.8
5581.500000	---	96.36	54.00	-42.36	100.0	V	276.0	13.8
5582.000000	104.68	---	74.00	-30.68	100.0	V	284.0	13.8

### 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 5G\_11n20\_Ch116  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

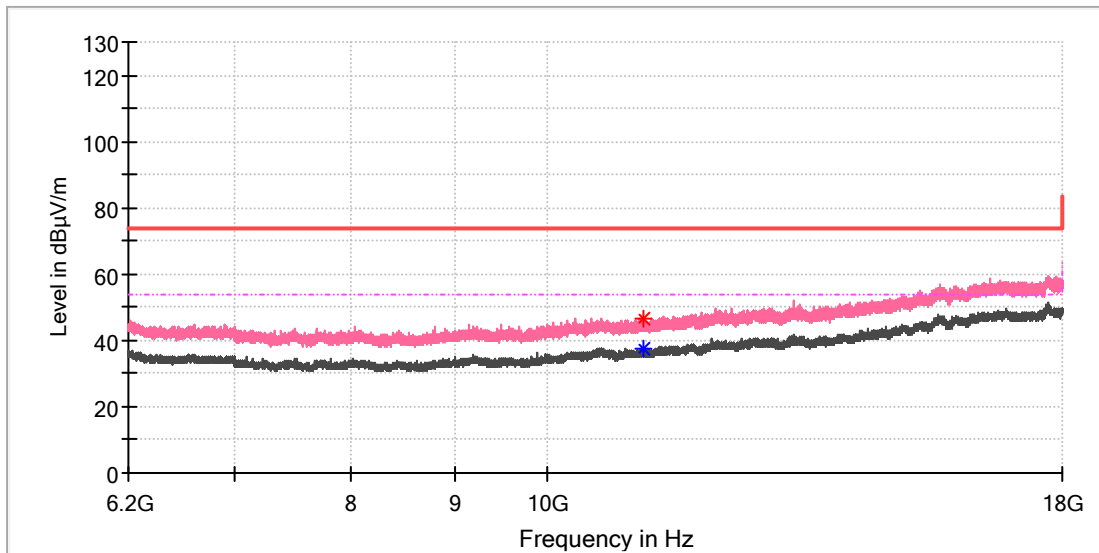
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11160.916667	---	37.21	54.00	16.79	100.0	H	108.0	12.5
11179.108333	46.05	---	74.00	27.95	100.0	H	240.0	12.6

### 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 5G\_11n20\_Ch116  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical Freqs

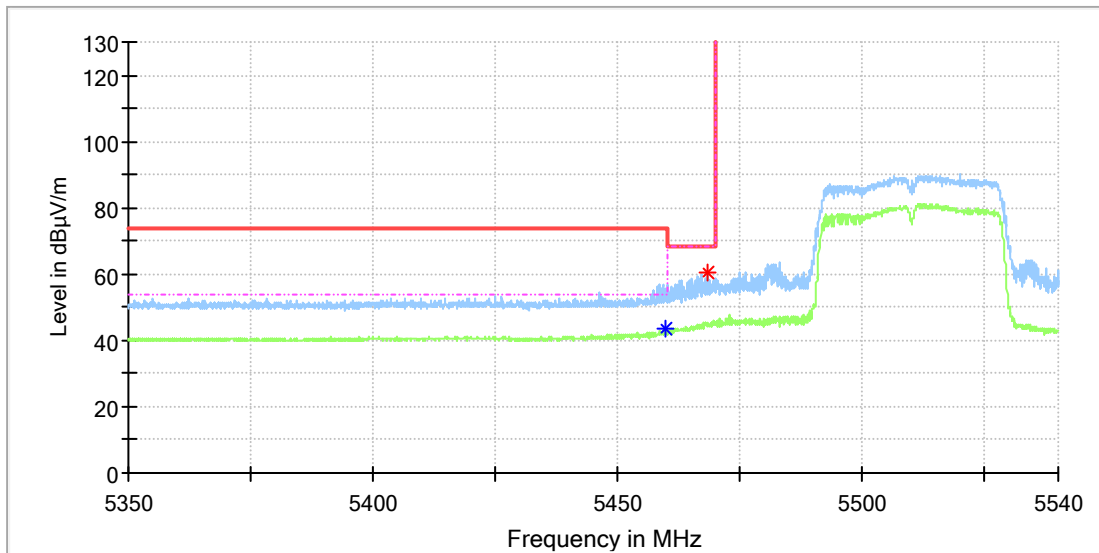
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11155.508333	---	37.76	54.00	16.24	100.0	V	24.0	12.5
11158.950000	46.27	---	74.00	27.73	100.0	V	61.0	12.5

## 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:	Honeywell
Model:	Snap-on IO
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168376481/A003268712-001
Test Voltage::	120V/60Hz
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



## Critical Freqs

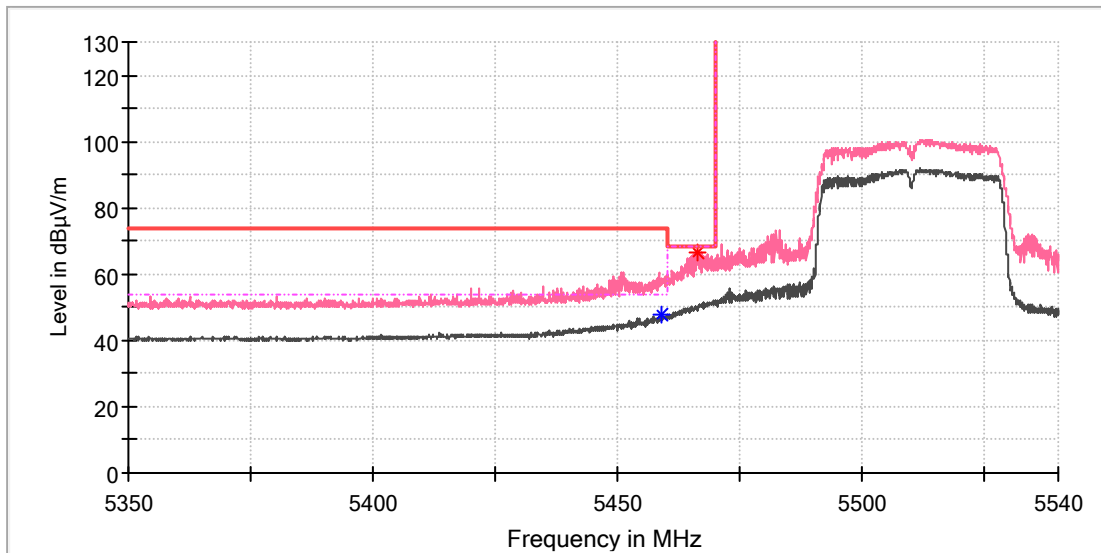
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5459.825000	---	43.33	54.00	10.67	100.0	H	297.0	13.6
5468.258333	60.48	---	68.20	7.72	100.0	H	297.0	13.6

## Final Result

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

### EUT Information

EUT Name: Honeywell  
 Model: Snap-on IO  
 Test Mode: BLE 1M\_High channel  
 Order No/Sample No: 168376481/A003268712-001  
 Test Voltage:: 120V/60Hz  
 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)
5458.930556	---	47.49	54.00	6.51	100.0	V	35.0	13.6
5466.277778	66.72	---	68.20	1.48	100.0	V	290.0	13.6

### Final\_Result

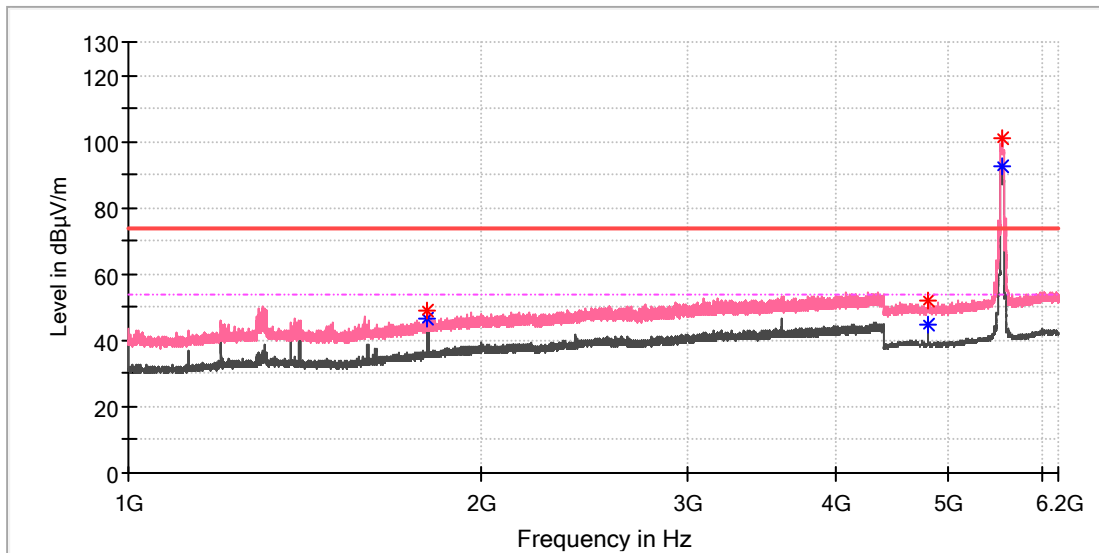
Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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## EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 5G\_11n40\_Ch110  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical Freqs

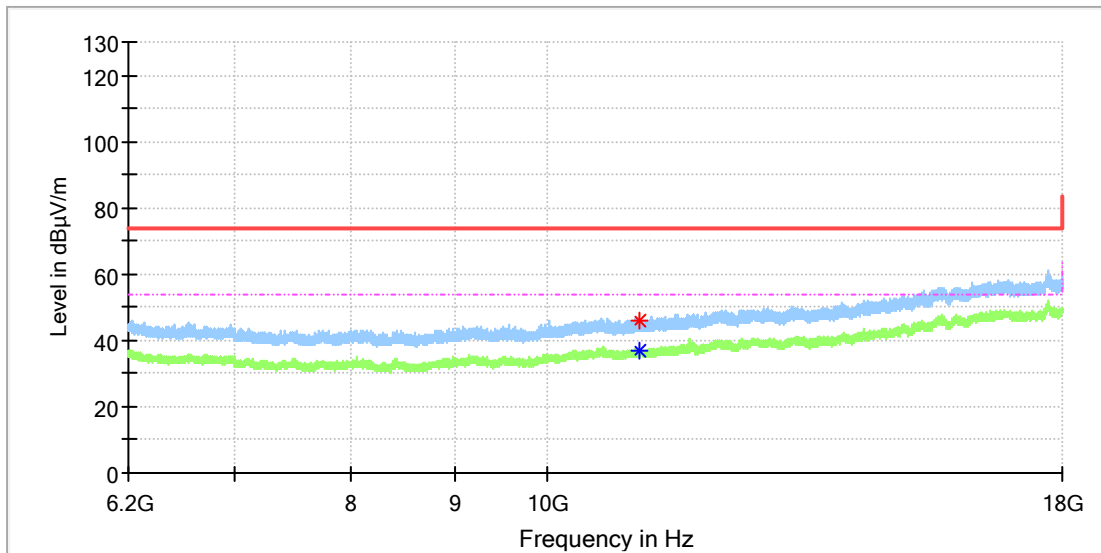
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1799.850000	48.86	---	74.00	25.14	100.0	V	276.0	4.7
1799.850000	---	46.36	54.00	7.64	100.0	V	276.0	4.7
4799.500000	---	44.57	54.00	9.43	100.0	V	242.0	11.8
4800.000000	52.14	---	74.00	21.86	100.0	V	242.0	11.8
5548.000000	100.85	---	74.00	-26.85	100.0	V	292.0	13.8
5548.500000	---	92.33	54.00	-38.33	100.0	V	284.0	13.8

## 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 5G\_11n40\_Ch110  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

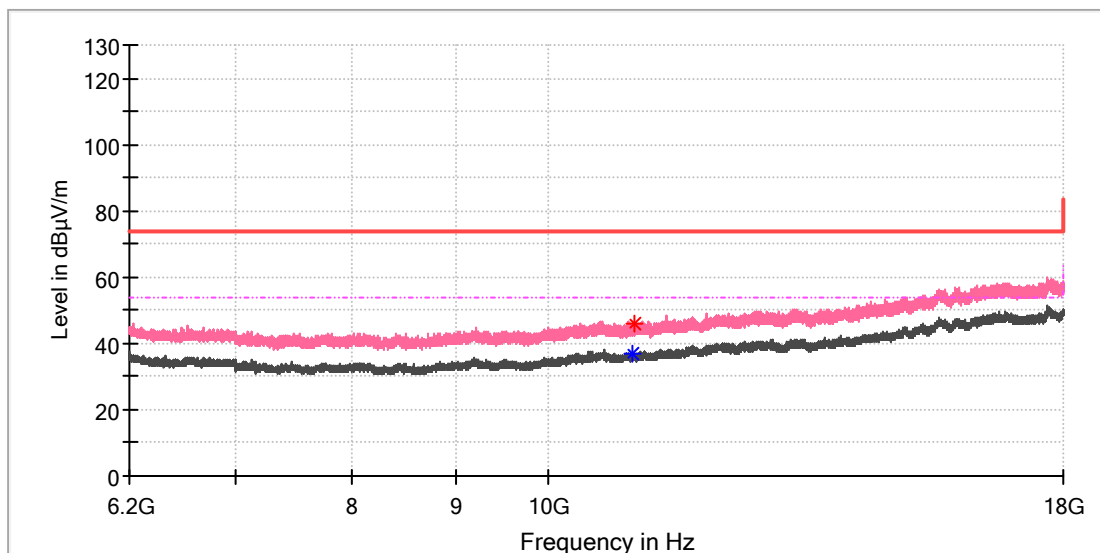
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11100.441667	45.98	---	74.00	28.02	100.0	H	23.0	12.4
11100.933333	---	37.05	54.00	16.95	100.0	H	71.0	12.4

### 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 5G\_11n40\_Ch110  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical Freqs

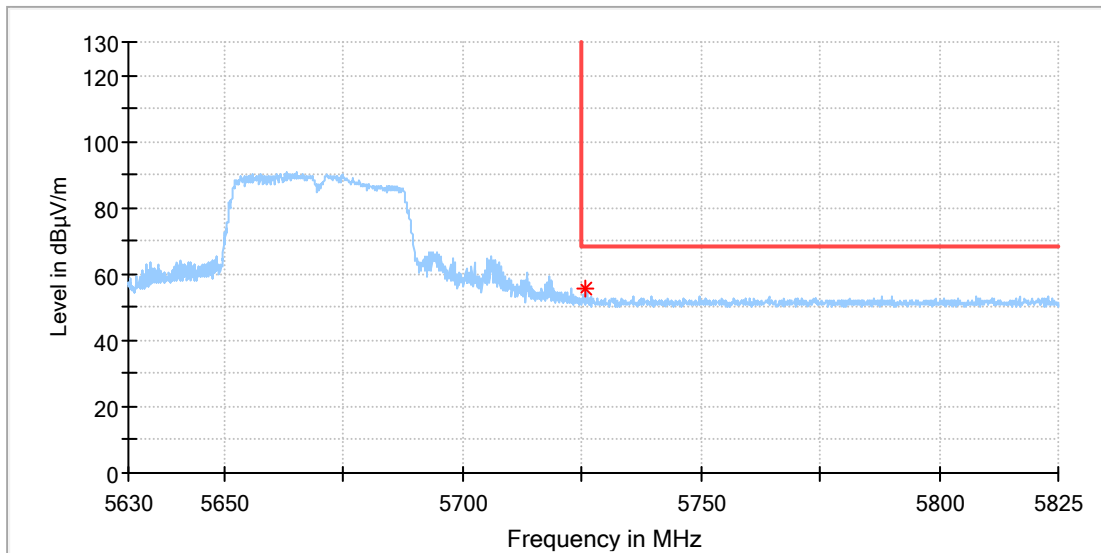
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11019.316667	---	36.85	54.00	17.15	100.0	V	340.0	12.2
11029.150000	46.04	---	74.00	27.96	100.0	V	97.0	12.2

## 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 5G\_11n40\_Ch134  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

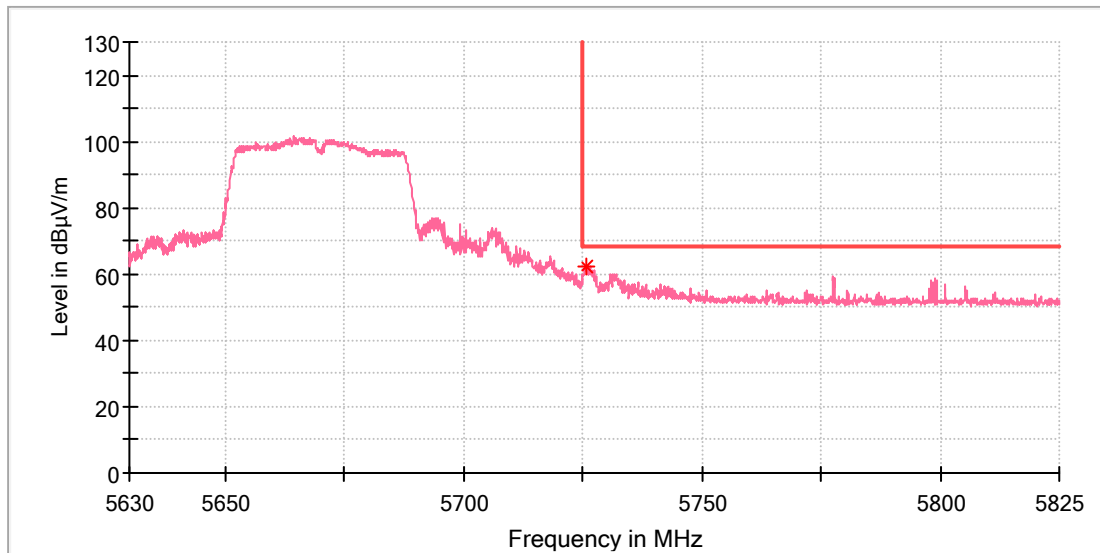
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5725.950000	55.39	68.20	12.81	100.0	H	239.0	13.9

### 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 5G_11n40_Ch134
Order No/Sample No:	168374226/A003262749-003
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



## Critical Freqs

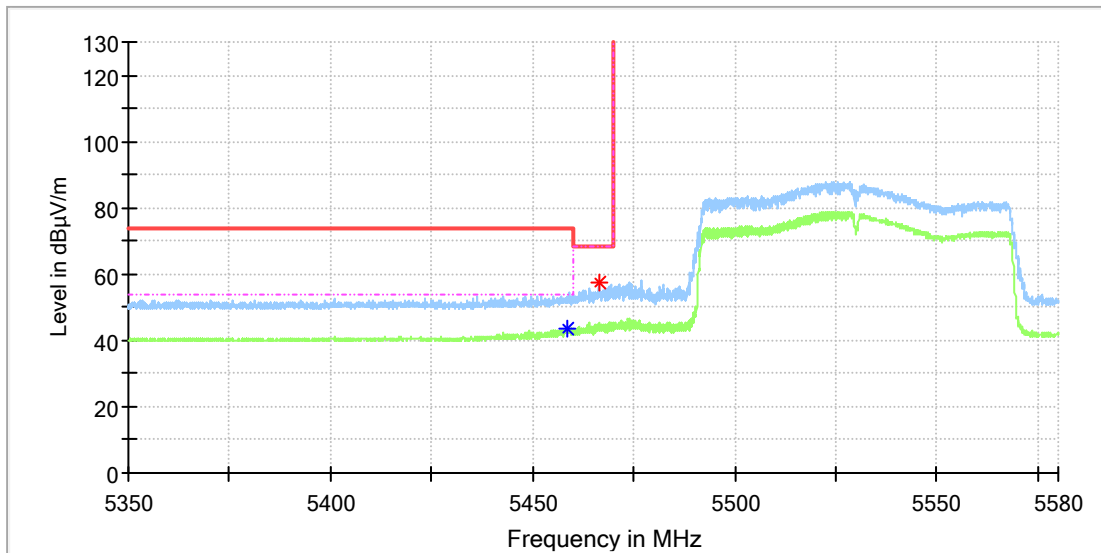
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5725.862500	62.50	68.20	5.70	100.0	V	252.0	13.9

## 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 5G\_11ac80\_Ch106  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

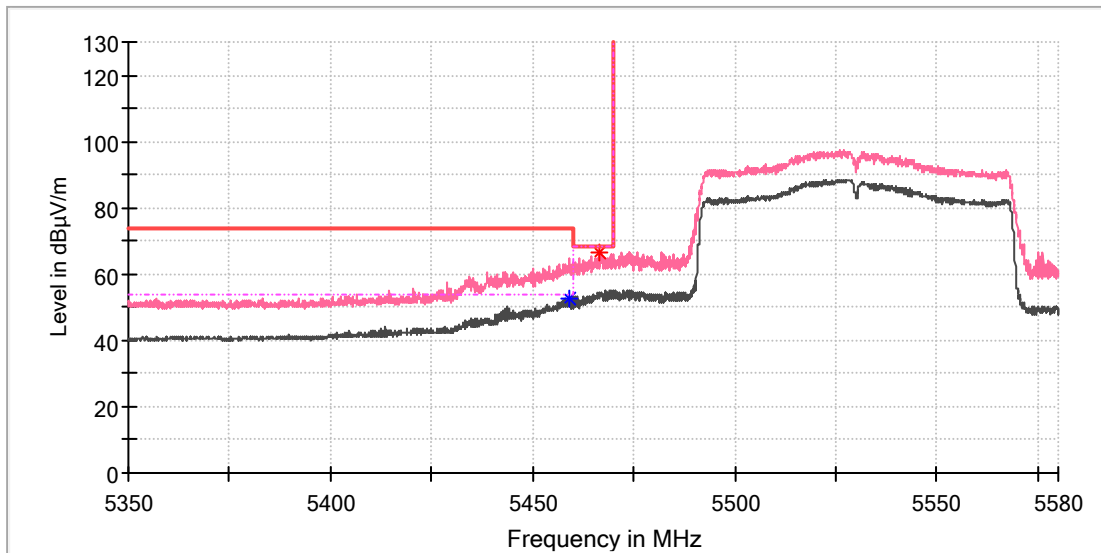
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5458.738889	---	43.37	54.00	10.63	100.0	H	268.0	13.6
5466.277778	57.23	---	68.20	10.97	100.0	H	268.0	13.6

### Final Result

Frequency (MHz)	Average (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 5G\_11ac80\_Ch106  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 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)
5459.186111	---	52.56	54.00	1.44	100.0	V	269.0	13.6
5466.533333	66.49	---	68.20	1.71	100.0	V	269.0	13.6

### Final Result

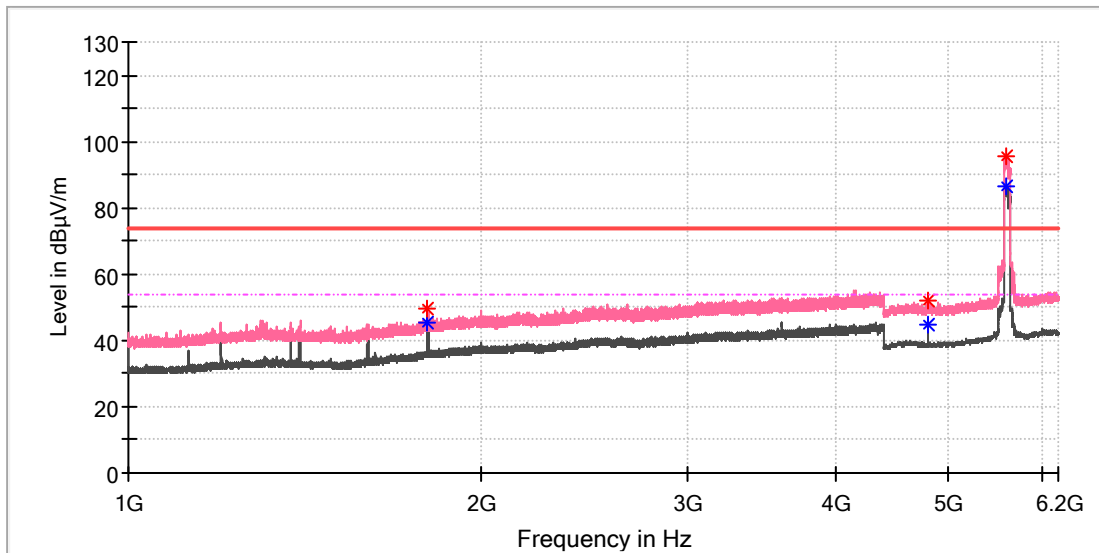
Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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## EUT Information

EUT Name: plant controller  
 Model: IQ5-00-BW-24  
 Test Mode: WIFI 5G\_11ac80\_Ch122  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical Freqs

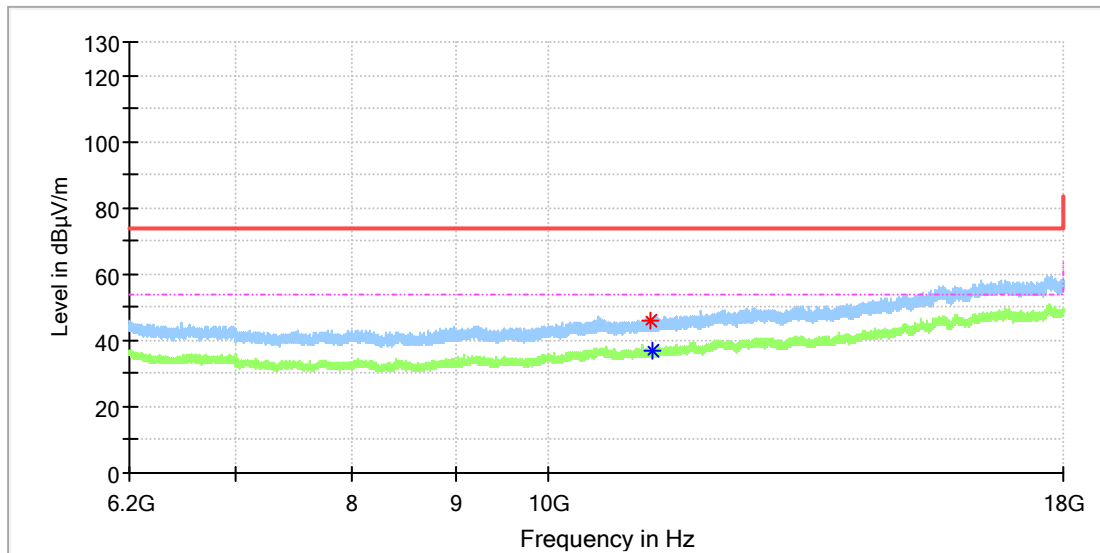
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1799.850000	49.40	---	74.00	24.60	100.0	V	274.0	4.7
1800.020000	---	45.46	54.00	8.54	100.0	V	274.0	4.7
4799.500000	52.19	---	74.00	21.81	100.0	V	243.0	11.8
4800.000000	---	44.92	54.00	9.08	100.0	V	243.0	11.8
5594.000000	95.63	---	74.00	-21.63	100.0	V	284.0	13.8
5596.500000	---	86.30	54.00	-32.30	100.0	V	284.0	13.8

## 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 5G\_11ac80\_Ch122  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical Freqs

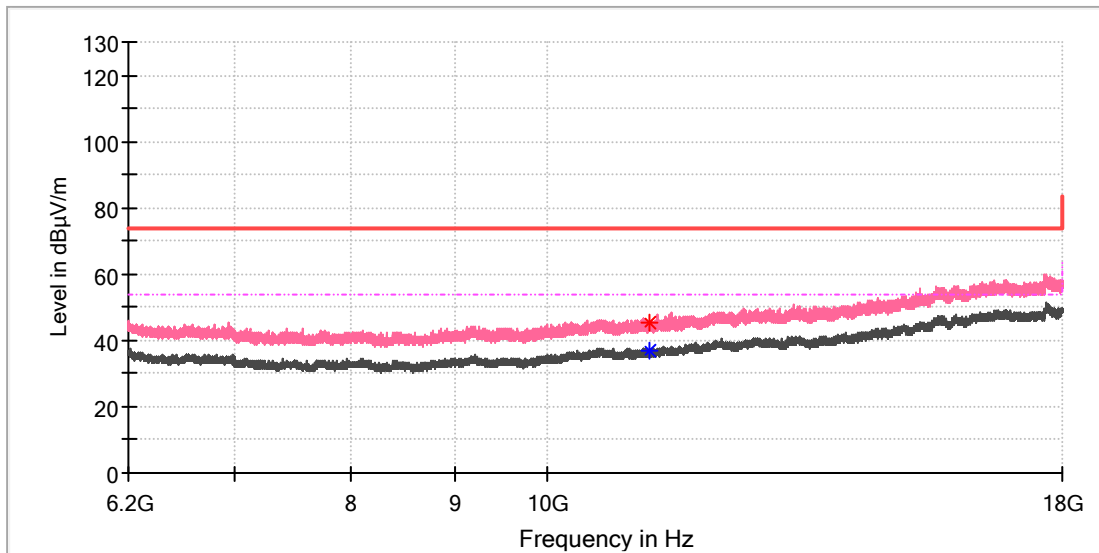
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11233.191667	46.06	---	74.00	27.94	100.0	H	341.0	12.6
11255.316667	---	37.01	54.00	16.99	100.0	H	137.0	12.6

## 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 5G\_11ac80\_Ch122  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 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)
11229.258333	---	36.79	54.00	17.21	100.0	V	356.0	12.6
11235.650000	45.35	---	74.00	28.65	100.0	V	79.0	12.6

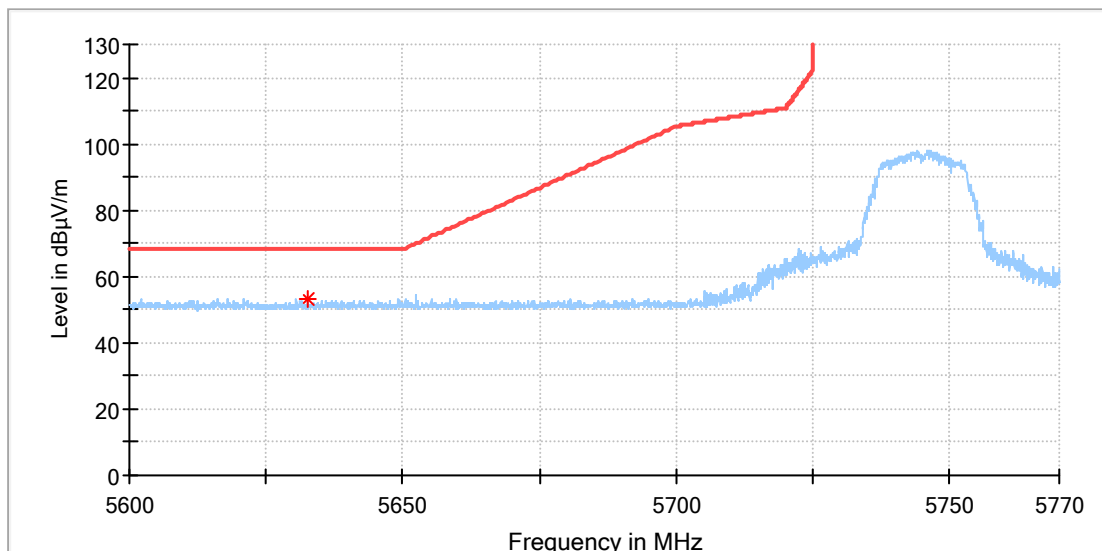
## Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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**U-NII-3 Band**

**EUT Information**

EUT Name:	plant controller
Model:	IQ5-00-BW-24
Test Mode:	WIFI 5G_11a_Ch149
Order No/Sample No:	168374226/A003262749-003
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



**Critical Freqs**

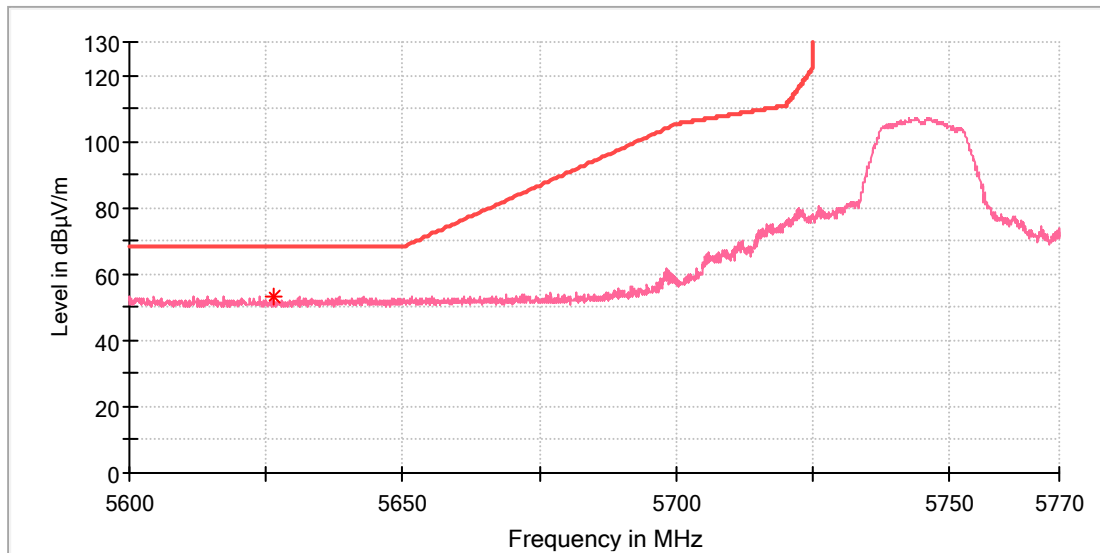
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5632.572222	52.96	68.20	15.24	100.0	H	200.0	13.8

**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 5G\_11a\_Ch149  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical Freqs

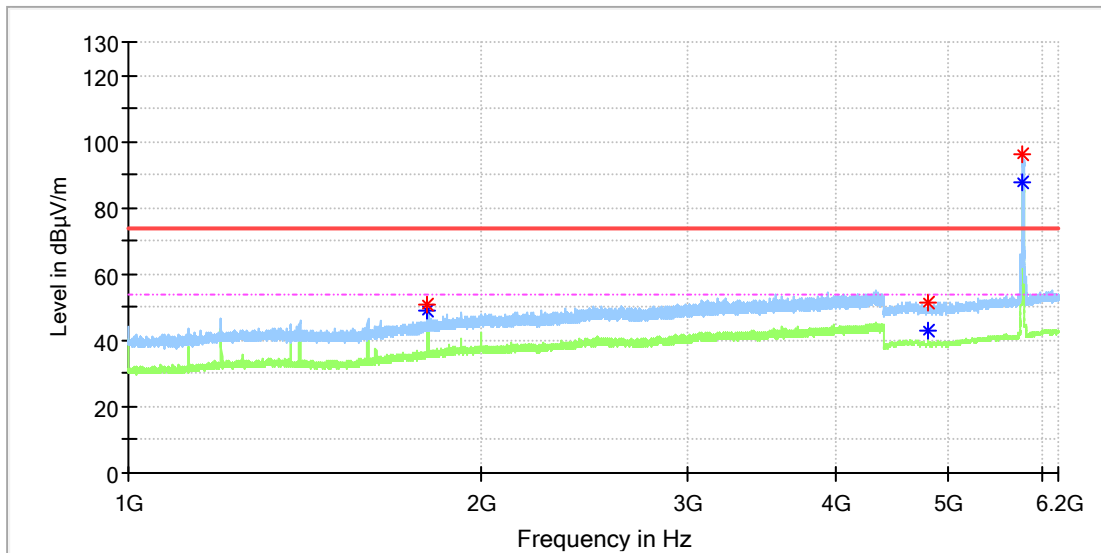
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5626.216667	53.44	68.20	14.76	150.0	V	176.0	13.8

## 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 5G\_11a\_Ch157  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

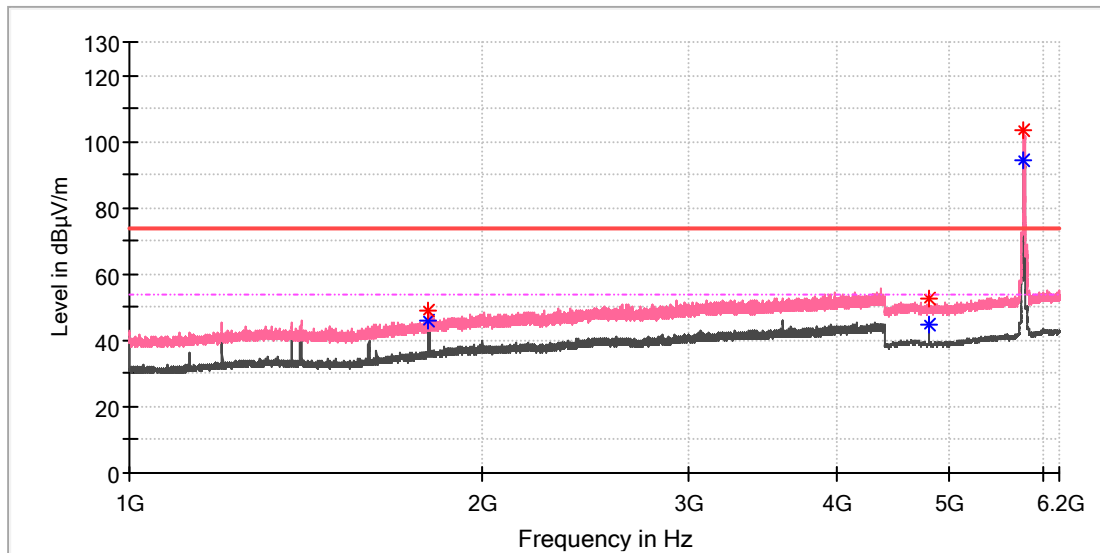
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1799.850000	51.08	---	74.00	22.92	100.0	H	341.0	4.7
1800.020000	---	48.93	54.00	5.07	100.0	H	341.0	4.7
4799.500000	51.50	---	74.00	22.50	100.0	H	275.0	11.8
4800.000000	---	42.77	54.00	11.23	100.0	H	268.0	11.8
5784.000000	96.08	---	74.00	-22.08	100.0	H	275.0	14.0
5784.500000	---	87.60	54.00	-33.60	100.0	H	275.0	14.0

### 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 5G_11a_Ch157
Order No/Sample No:	168374226/A003262749-003
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



## Critical Freqs

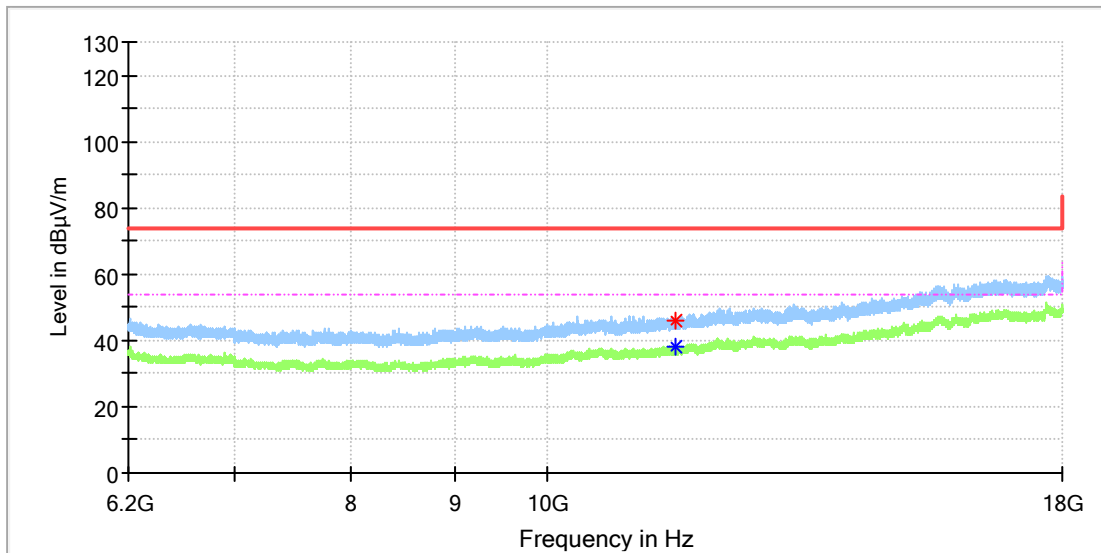
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1799.850000	49.08	---	74.00	24.92	100.0	V	283.0	4.7
1799.850000	---	46.12	54.00	7.88	100.0	V	283.0	4.7
4799.000000	52.88	---	74.00	21.12	100.0	V	242.0	11.8
4800.000000	---	44.96	54.00	9.04	100.0	V	81.0	11.8
5784.500000	---	94.48	54.00	-40.48	100.0	V	271.0	14.0
5784.500000	103.11	---	74.00	-29.11	100.0	V	271.0	14.0

## 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 5G\_11a\_Ch157  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 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)
11571.950000	---	38.15	54.00	15.85	100.0	H	97.0	13.4
11572.441667	46.14	---	74.00	27.86	100.0	H	121.0	13.4

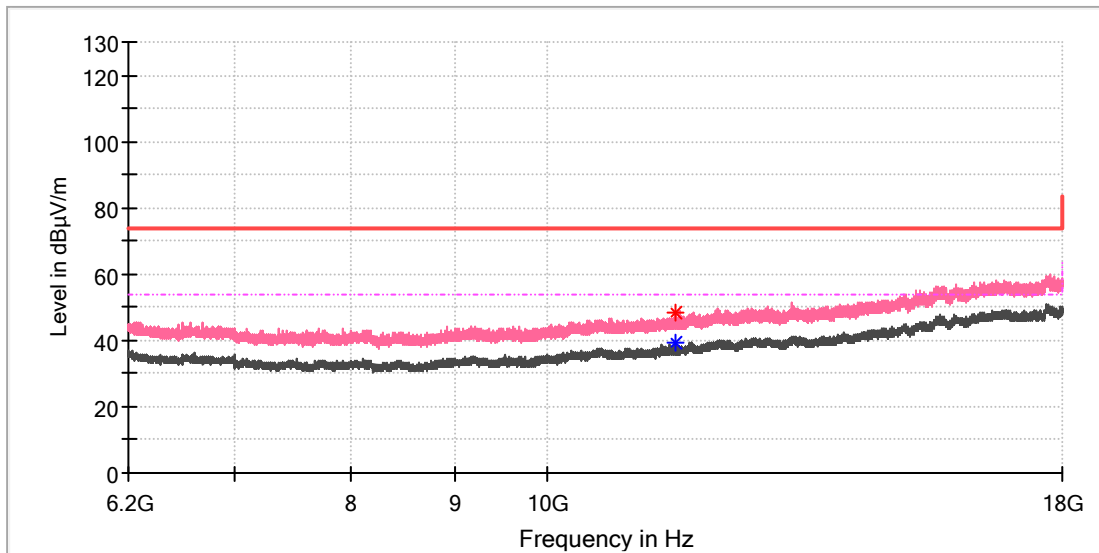
### Final Result

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 5G\_11a\_Ch157  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical Freqs

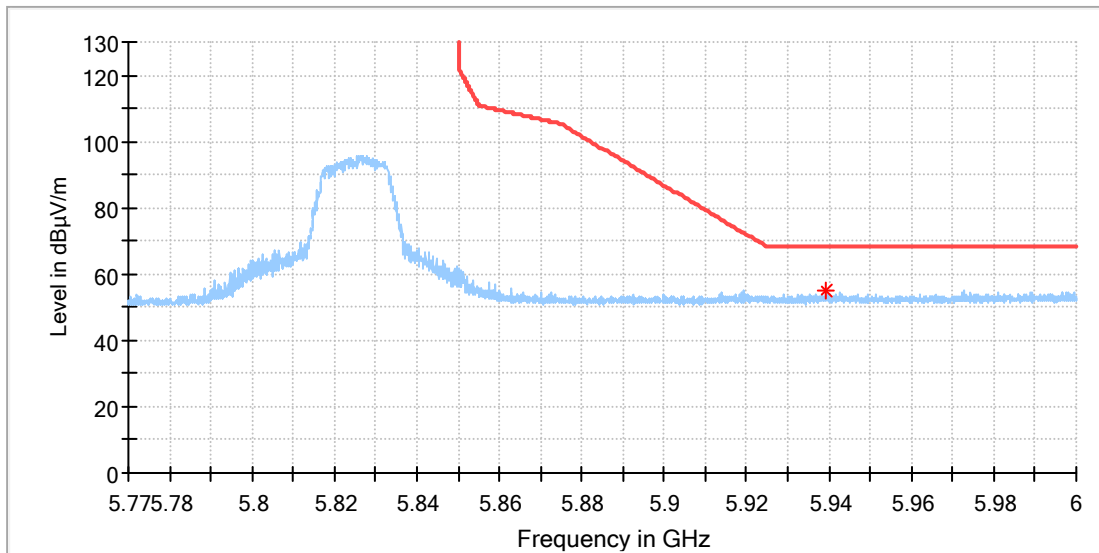
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11567.033333	---	39.33	54.00	14.67	100.0	V	338.0	13.4
11568.508333	48.10	---	74.00	25.90	100.0	V	267.0	13.4

## 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 5G\_11a\_Ch165  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical Freqs

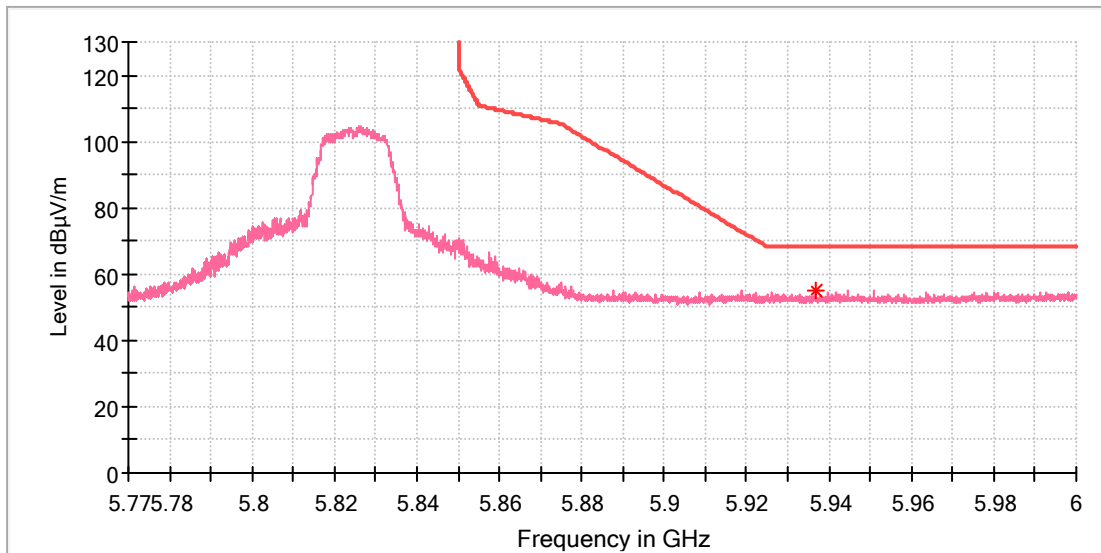
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5939.369445	55.07	68.20	13.13	100.0	H	27.0	14.7

## 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 5G\_11a\_Ch165  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

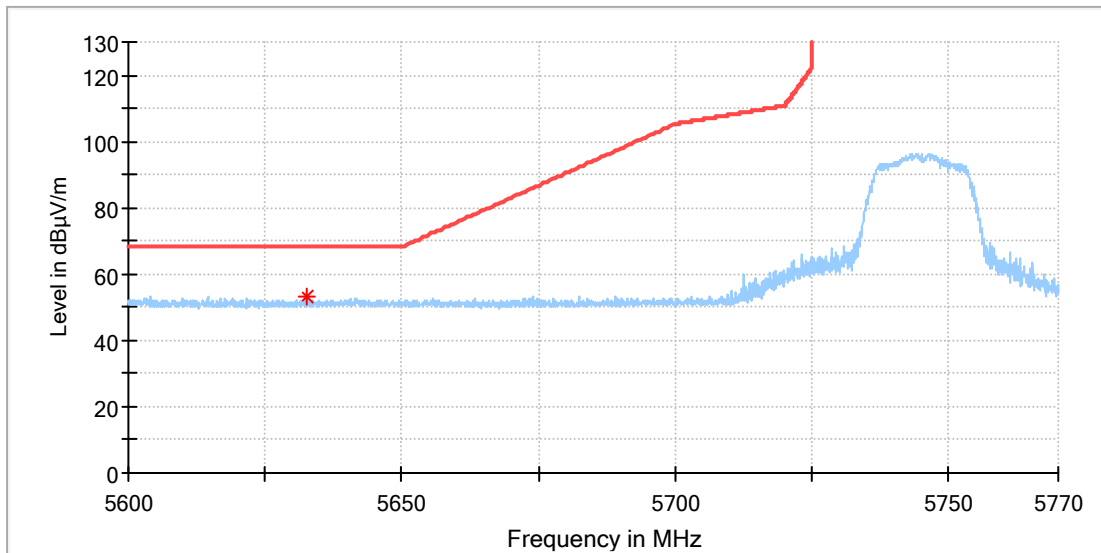
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5936.813889	54.80	68.20	13.40	100.0	V	160.0	14.7

### 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 5G\_11n20\_Ch149  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

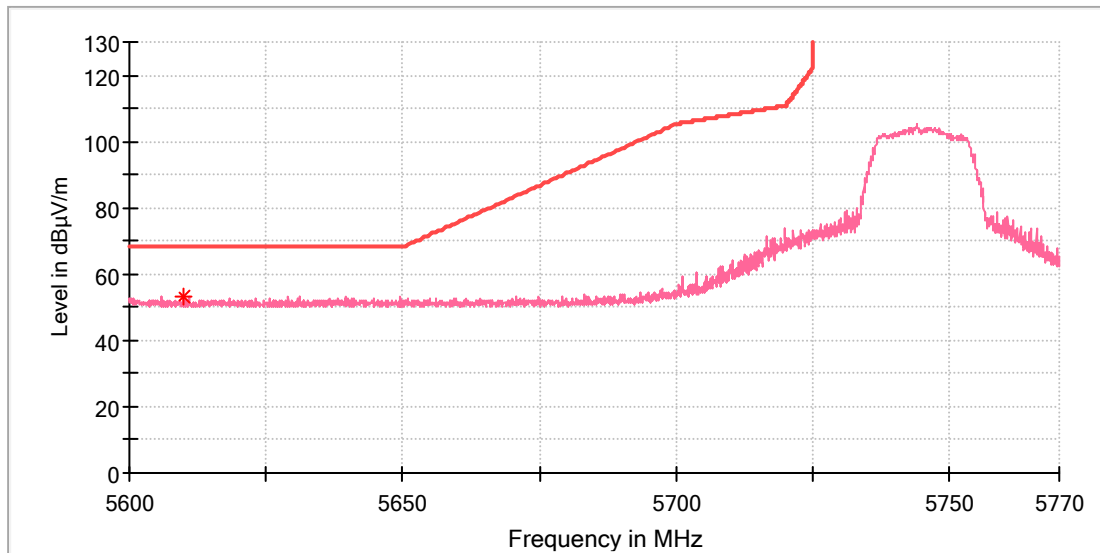
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5632.572222	53.41	68.20	14.79	100.0	H	27.0	13.8

### 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 5G_11n20_Ch149
Order No/Sample No:	168374226/A003262749-003
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
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)
5609.838889	53.41	68.20	14.79	100.0	V	354.0	13.8

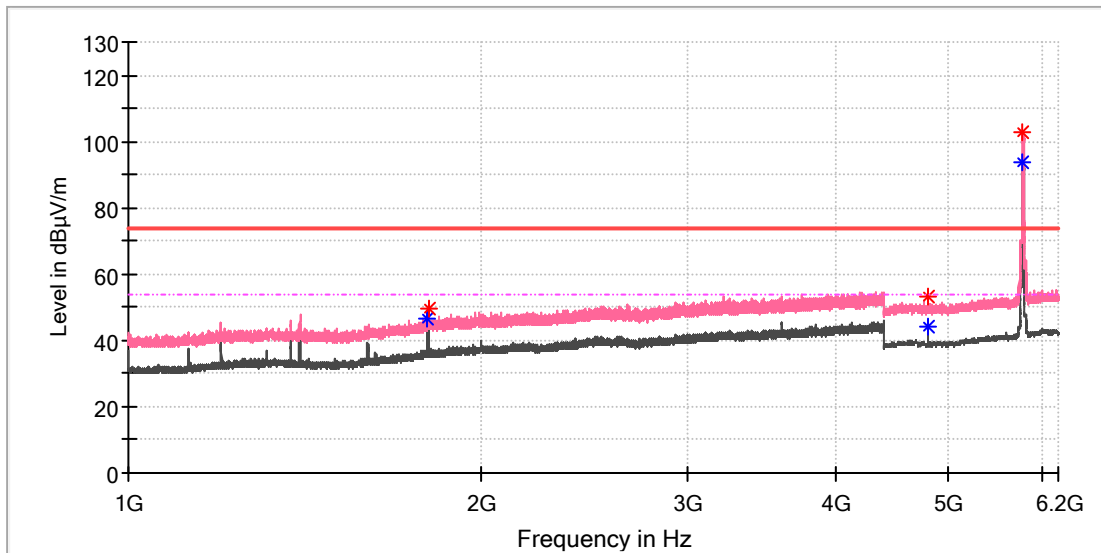
## Final Result

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 5G\_11n20\_Ch157  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

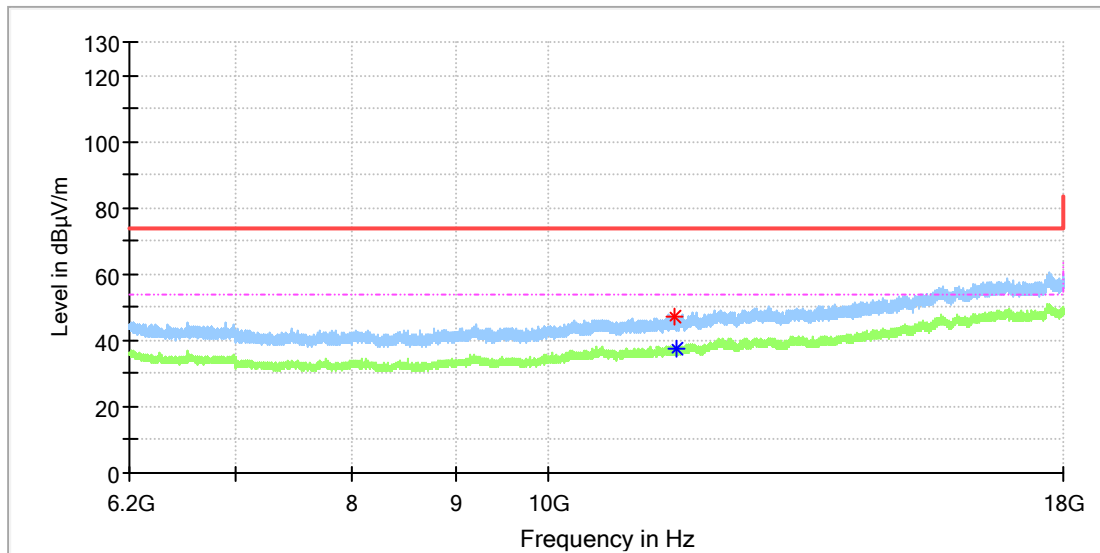
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1800.020000	---	46.34	54.00	7.66	100.0	V	282.0	4.7
1800.190000	49.54	---	74.00	24.46	100.0	V	282.0	4.7
4799.500000	53.36	---	74.00	20.64	100.0	V	240.0	11.8
4799.500000	---	44.00	54.00	10.00	100.0	V	240.0	11.8
5784.000000	---	93.86	54.00	-39.86	100.0	V	276.0	14.0
5784.000000	102.57	---	74.00	-28.57	100.0	V	276.0	14.0

### 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 5G\_11n20\_Ch157  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 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)
11546.383333	47.06	---	74.00	26.94	100.0	H	167.0	13.5
11569.983333	---	37.76	54.00	16.24	100.0	H	0.0	13.4

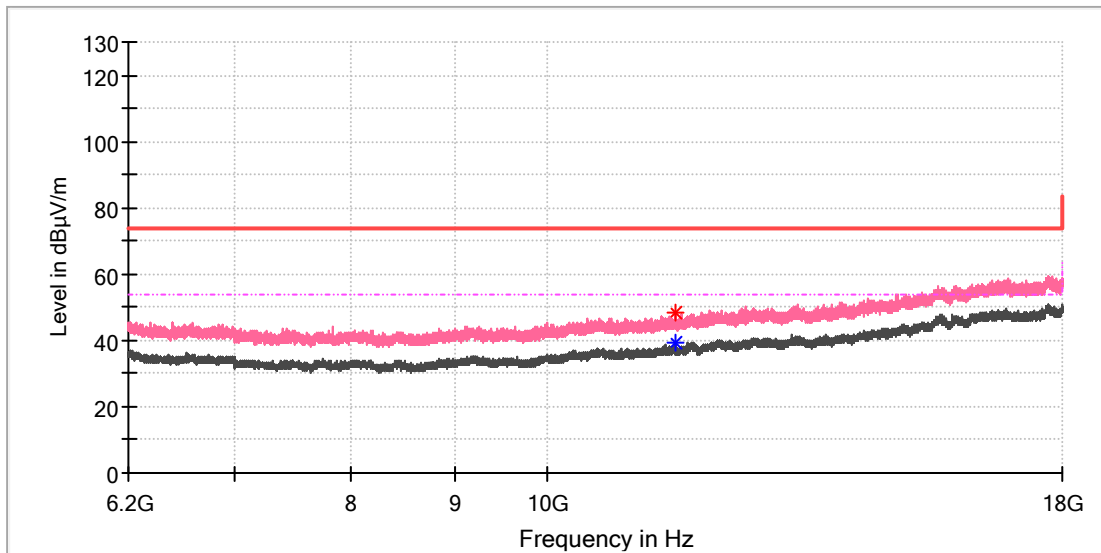
## Final Result

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 5G\_11n20\_Ch157  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

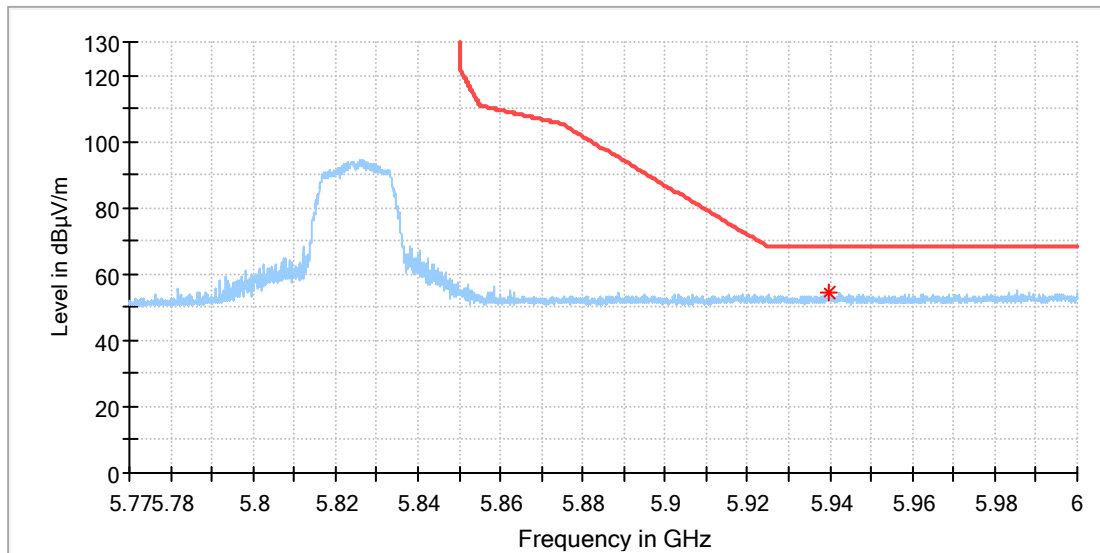
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11565.558333	48.29	---	74.00	25.71	100.0	V	56.0	13.4
11567.525000	---	39.42	54.00	14.58	100.0	V	104.0	13.4

### 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 5G\_11n20\_Ch165  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical Freqs

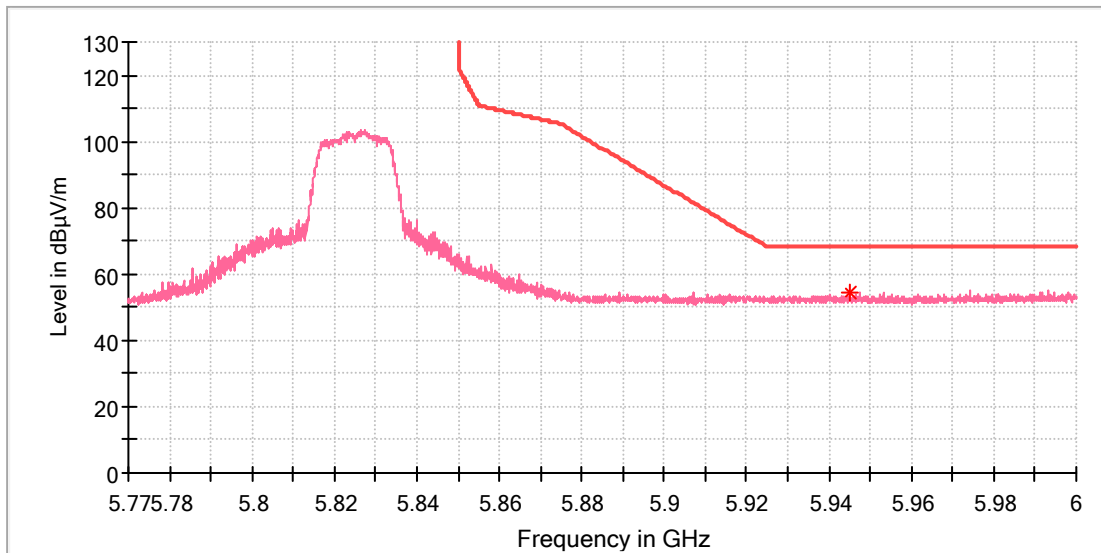
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5939.944445	54.53	68.20	13.67	100.0	H	30.0	14.7

## 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 5G\_11n20\_Ch165  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

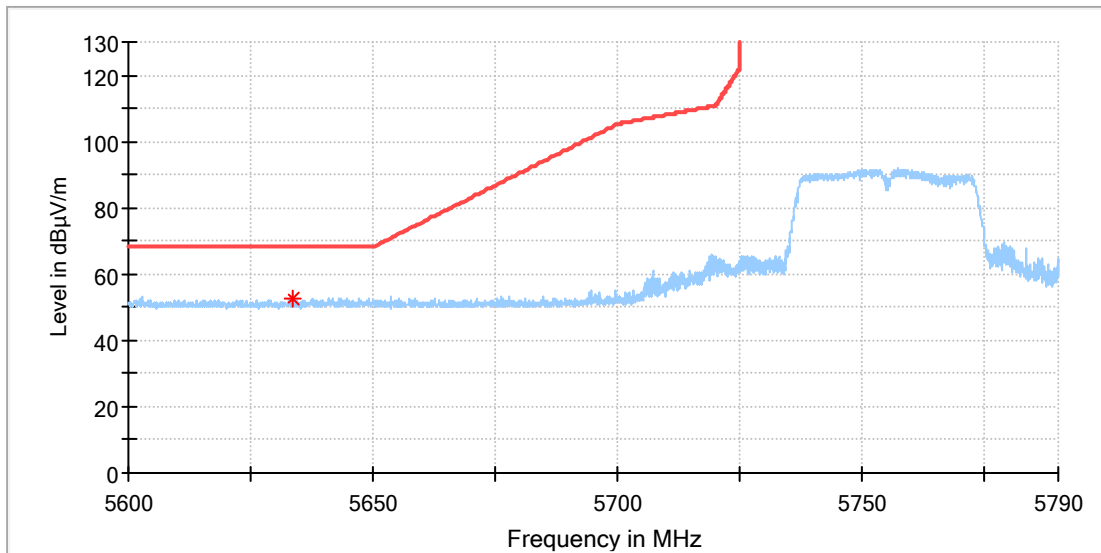
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5944.927778	54.53	68.20	13.67	100.0	V	275.0	14.7

### 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 5G\_11n40\_Ch151  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

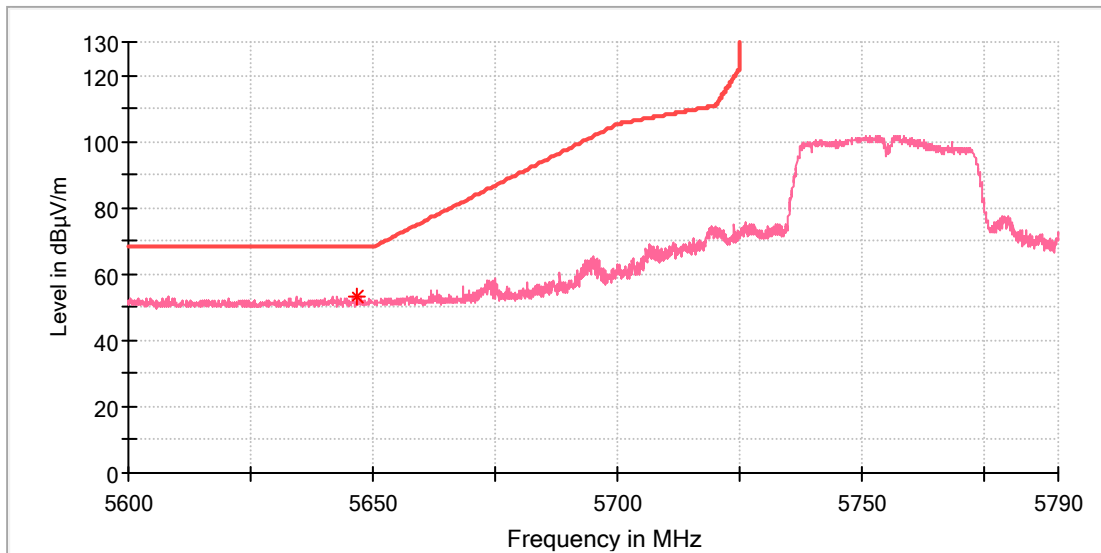
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5633.611111	52.80	68.20	15.40	100.0	H	36.0	13.8

### 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 5G\_11n40\_Ch151  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 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)
5646.566667	53.43	68.20	14.77	100.0	V	61.0	13.8

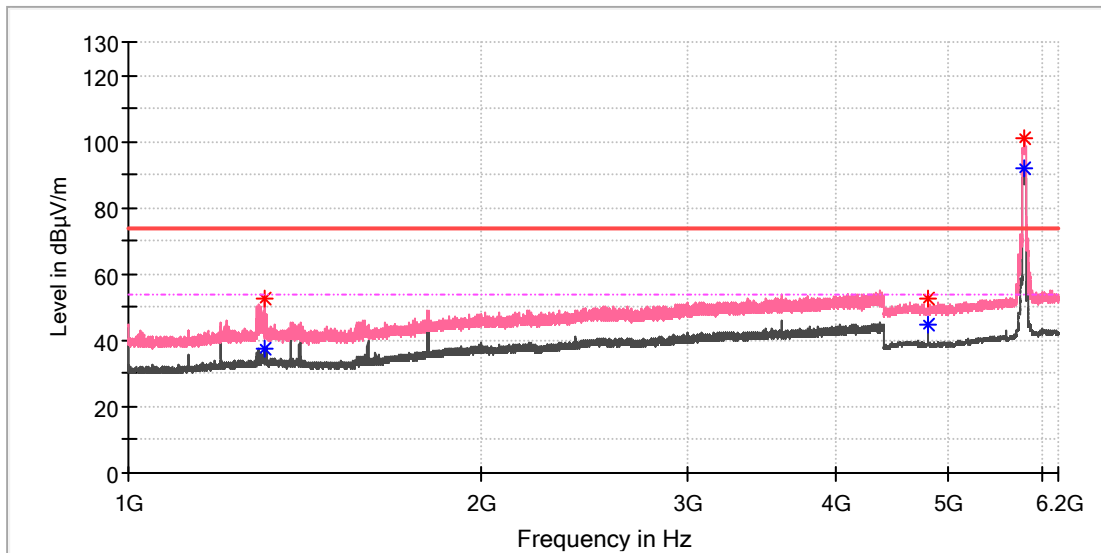
### Final Result

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 5G\_11n40\_Ch159  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

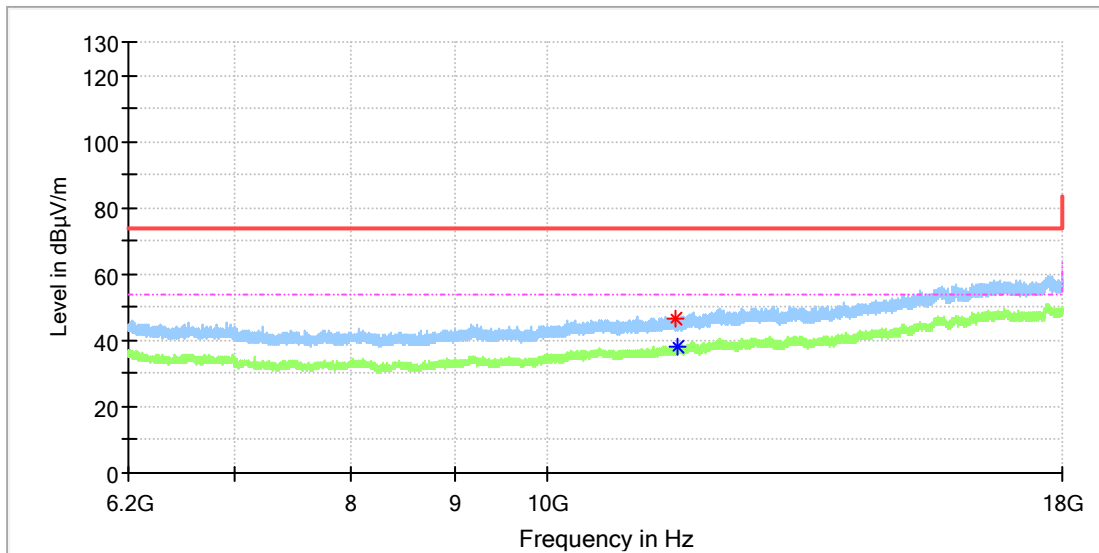
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1308.380000	---	37.37	54.00	16.63	100.0	V	290.0	2.0
1308.380000	52.51	---	74.00	21.49	100.0	V	290.0	2.0
4800.000000	52.80	---	74.00	21.20	100.0	V	73.0	11.8
4800.000000	---	44.60	54.00	9.40	100.0	V	73.0	11.8
5798.000000	100.75	---	74.00	-26.75	100.0	V	291.0	14.0
5799.500000	---	91.93	54.00	-37.93	100.0	V	291.0	14.0

### 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 5G\_11n40\_Ch159  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 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)
11572.933333	46.37	---	74.00	27.63	100.0	H	25.0	13.4
11590.141667	---	37.87	54.00	16.13	100.0	H	109.0	13.3

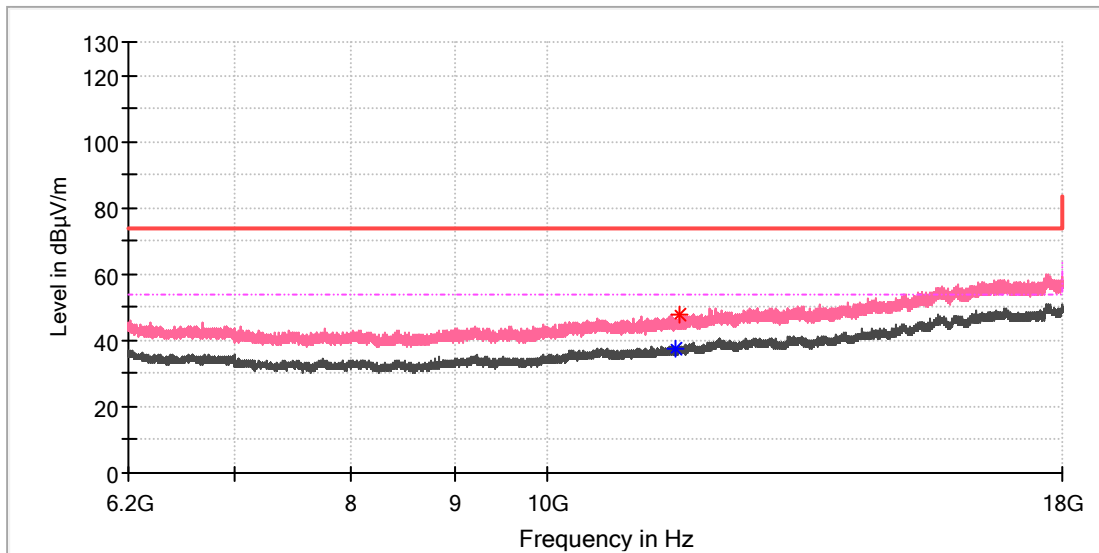
## Final Result

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 5G\_11n40\_Ch159  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical Freqs

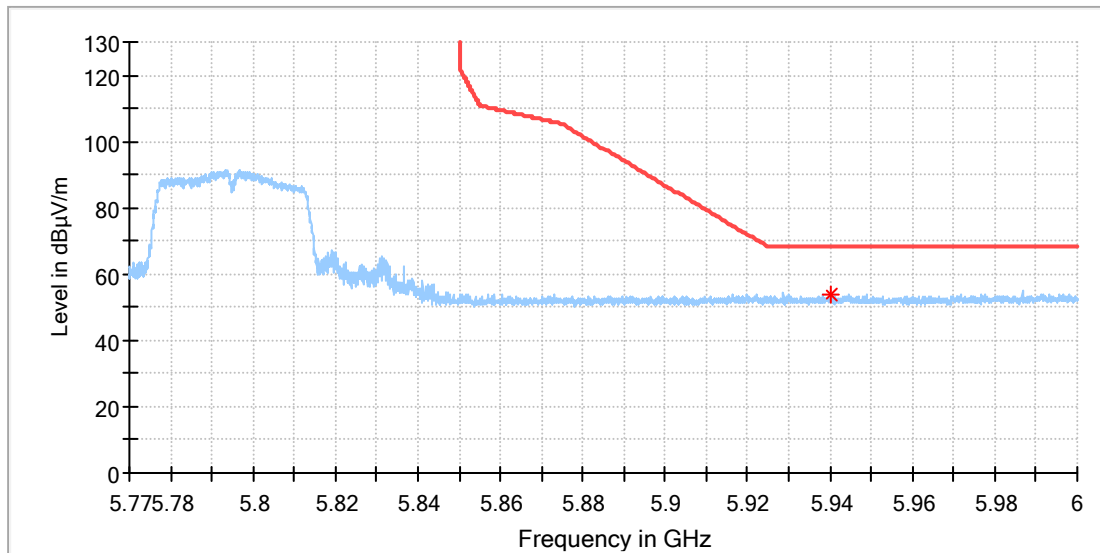
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11580.308333	---	37.64	54.00	16.36	100.0	V	43.0	13.4
11621.116667	47.80	---	74.00	26.20	100.0	V	54.0	13.3

## 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 5G\_11n40\_Ch159  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical Freqs

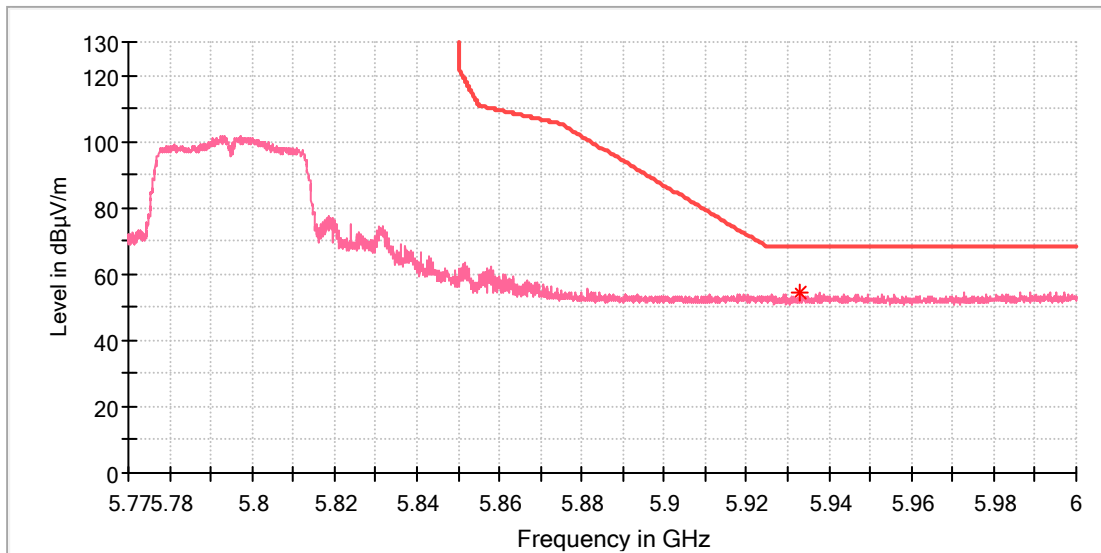
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5940.200000	53.89	68.20	14.31	100.0	H	73.0	14.7

## 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 5G\_11n40\_Ch159  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

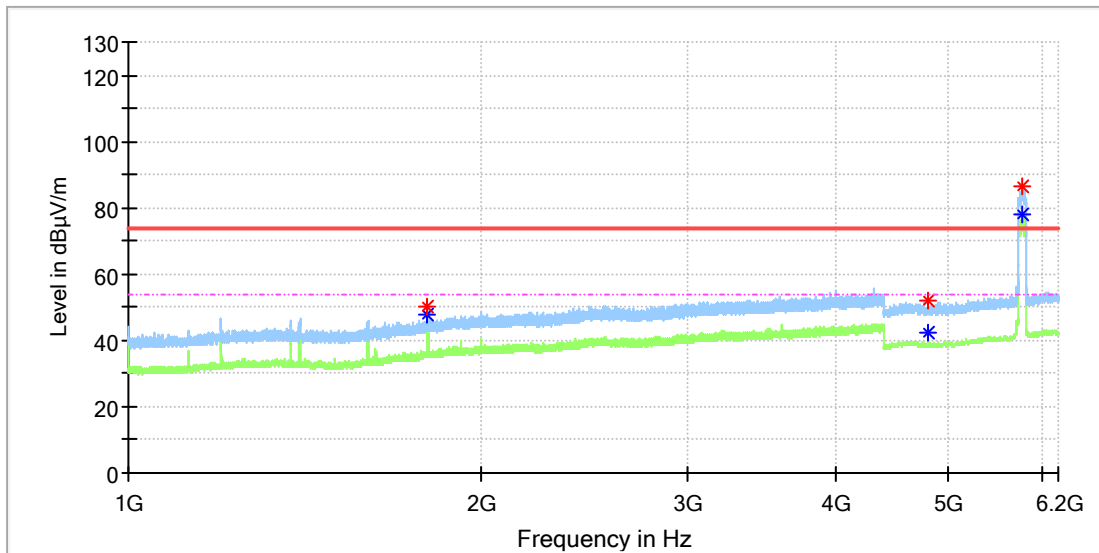
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5932.852778	54.23	68.20	13.97	100.0	V	34.0	14.7

### 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 5G\_11ac80\_Ch155  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



## Critical Freqs

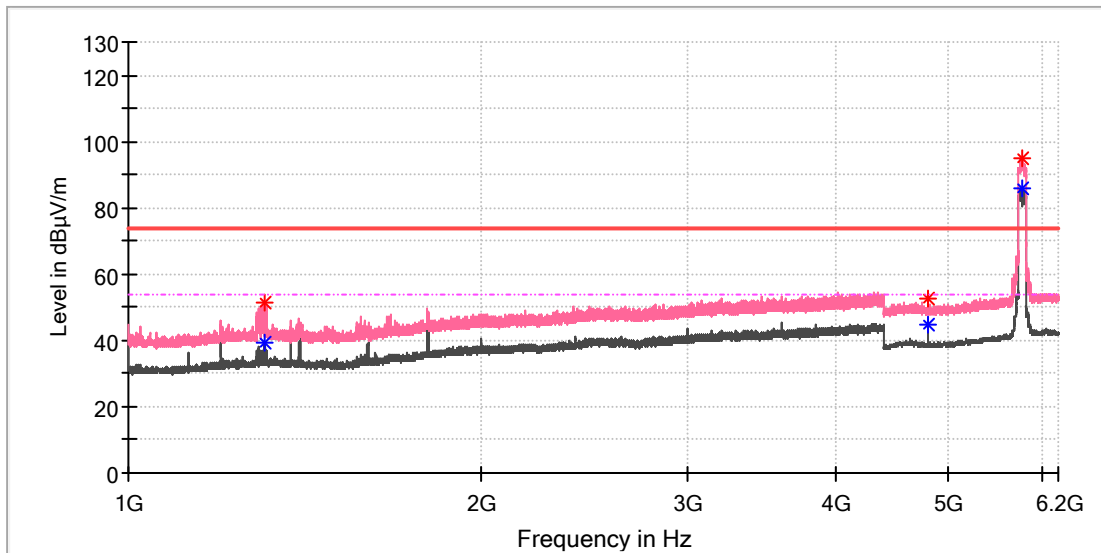
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1799.850000	50.12	---	74.00	23.88	100.0	H	340.0	4.7
1799.850000	---	47.48	54.00	6.52	100.0	H	340.0	4.7
4800.000000	51.86	---	74.00	22.14	100.0	H	266.0	11.8
4800.000000	---	42.04	54.00	11.96	100.0	H	266.0	11.8
5773.500000	86.74	---	74.00	-12.74	100.0	H	280.0	14.0
5777.500000	---	78.27	54.00	-24.27	100.0	H	280.0	14.0

## 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 5G\_11ac80\_Ch155  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

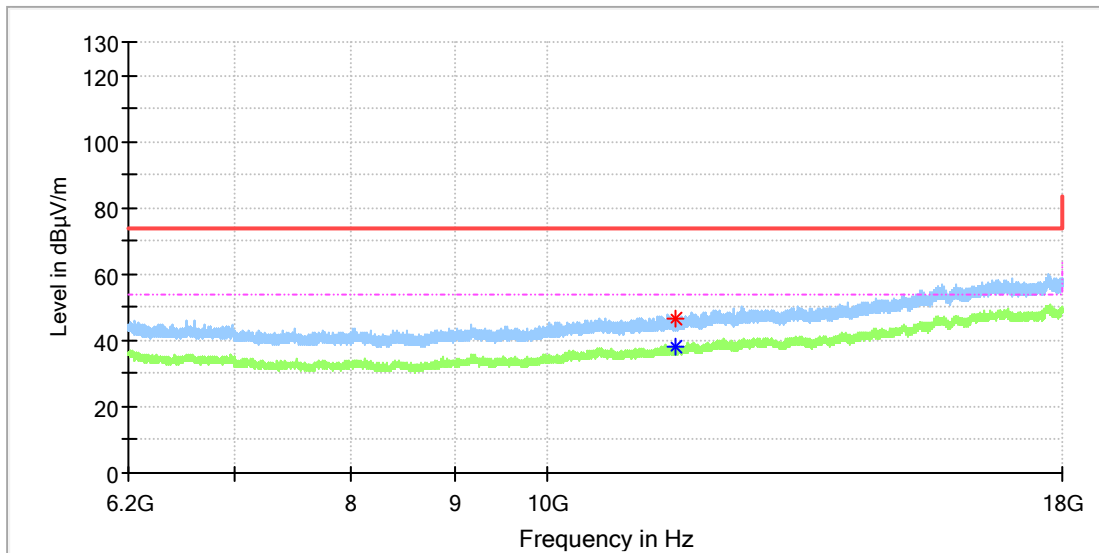
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1304.300000	51.23	---	74.00	22.77	100.0	V	278.0	1.9
1309.060000	---	39.03	54.00	14.97	100.0	V	278.0	2.0
4799.000000	52.85	---	74.00	21.15	100.0	V	242.0	11.8
4800.000000	---	44.99	54.00	9.01	100.0	V	242.0	11.8
5772.000000	95.01	---	74.00	-21.01	100.0	V	289.0	14.0
5773.500000	---	85.82	54.00	-31.82	100.0	V	289.0	14.0

### 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 5G\_11ac80\_Ch155  
 Order No/Sample No: 168374226/A003262749-003  
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 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
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## Critical Freqs

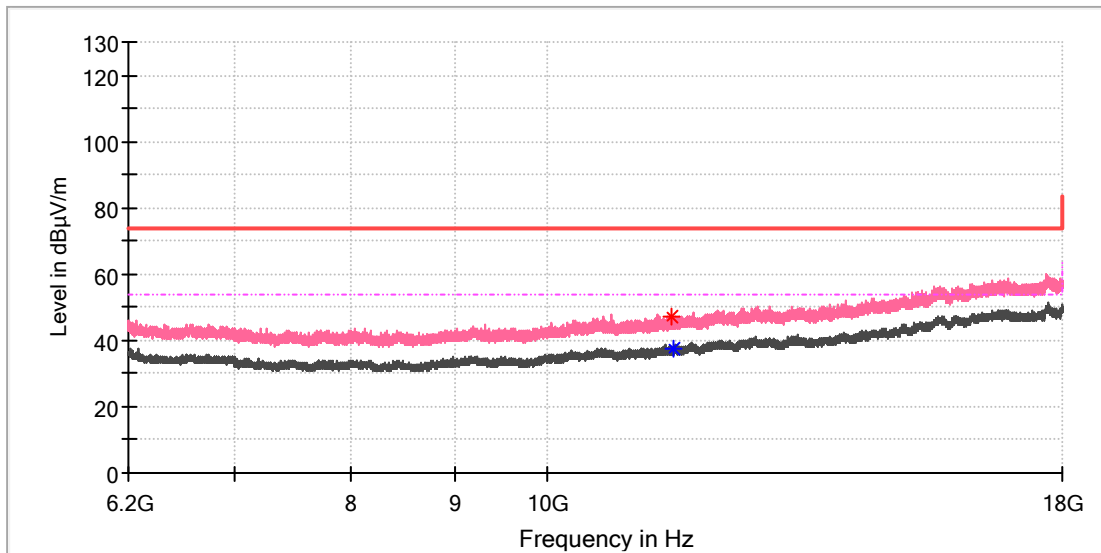
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11570.966667	46.68	---	74.00	27.32	100.0	H	0.0	13.4
11572.441667	---	38.16	54.00	15.85	100.0	H	175.0	13.4

## 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 5G\_11ac80\_Ch155  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

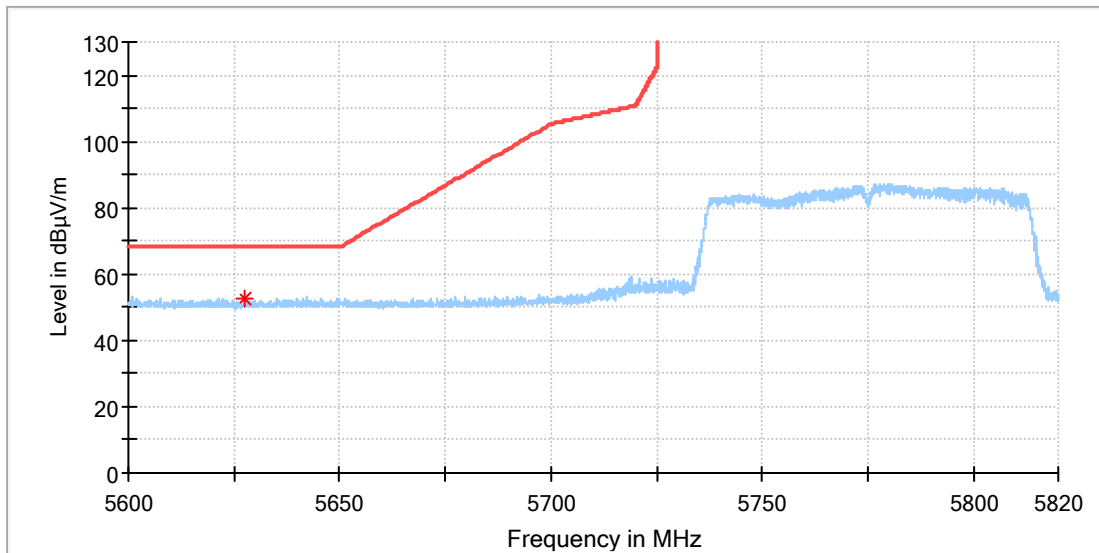
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11523.766667	46.98	---	74.00	27.02	100.0	V	158.0	13.6
11539.991667	---	37.66	54.00	16.34	100.0	V	207.0	13.5

### 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 5G_11ac80_Ch155
Order No/Sample No:	168374226/A003262749-003
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
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)
5627.377778	52.56	68.20	15.64	100.0	H	135.0	13.8

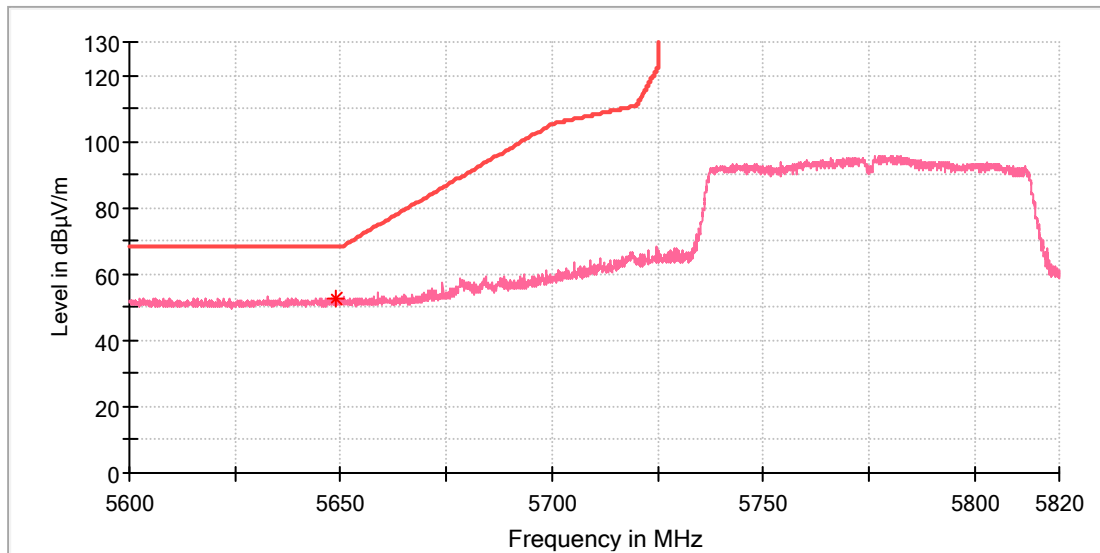
## Final Result

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 5G\_11ac80\_Ch155  
 Order No/Sample No: 168374226/A003262749-003  
 Test Voltage:: DC 5V From USB  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.407  
 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)
5648.888889	52.54	68.20	15.66	100.0	V	50.0	13.8

## Final Result

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

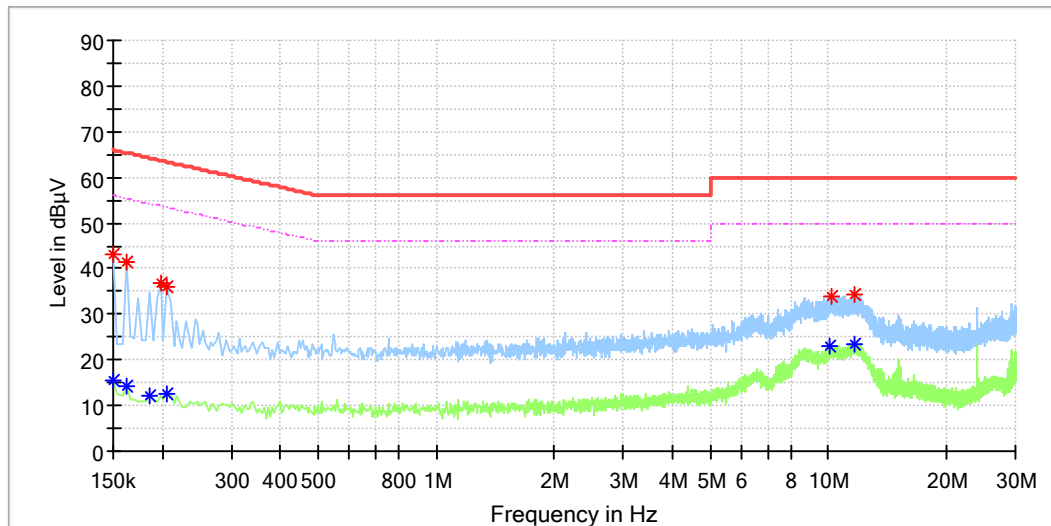
**Co-location mode:**

Simultaneous mode for 802.11a + BLE tested. It is verified that there is no emissions exceed the highest limit permitted for any one individual transmitter as required by Section 2.947(f).

## 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 15C  
 Test By:/Review By: Charlie Zha / Gary Chen  
 Tem./Hum./Pressure: 25.0°C/51.2%/101kPa  
 Remark: SR2

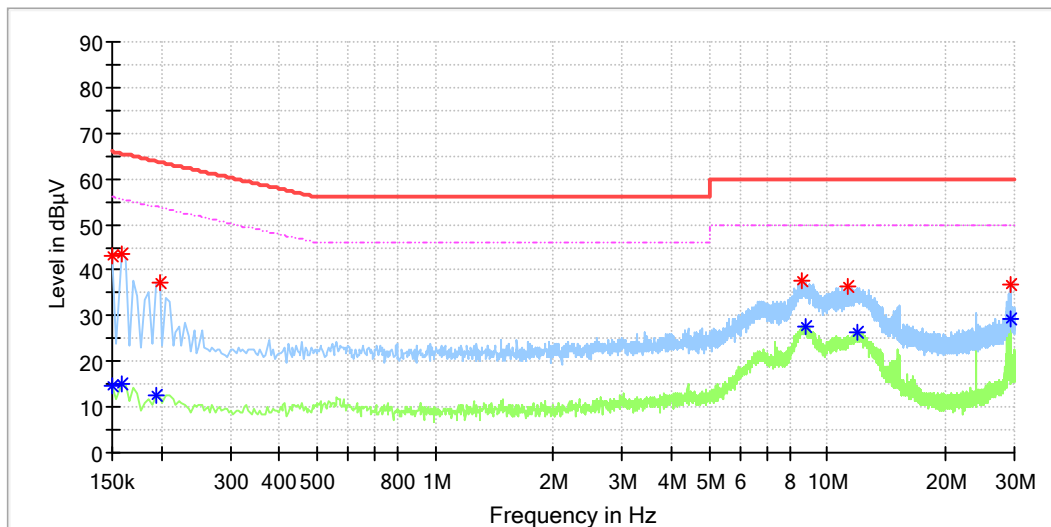


### Critical Freqs

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 15C
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