

11N40MIMO Ant1 2437 0~Reference



11N40MIMO Ant1 2437 30~1000



11N40MIMO Ant1 2437 1000~26500



11N40MIMO Ant1 2452 0~Reference



11N40MIMO Ant1 2452 30~1000



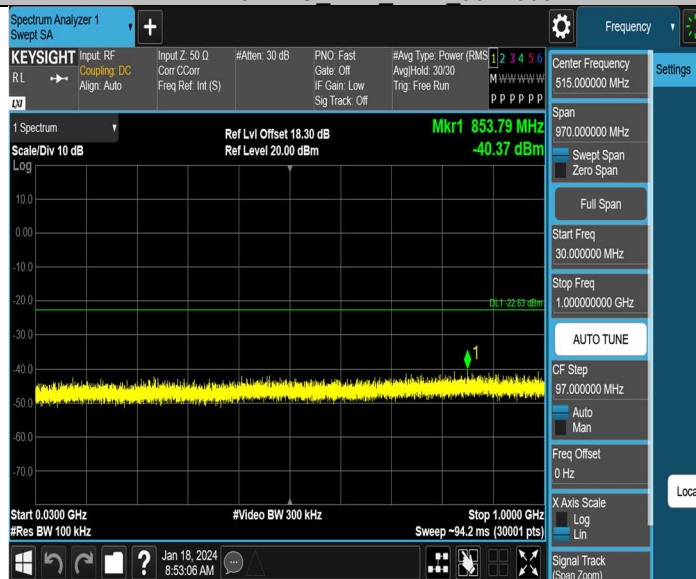
11N40MIMO Ant1 2452 1000~26500



11AX20MIMO Ant1 2412 0~Reference



11AX20MIMO Ant1 2412 30~1000



11AX20MIMO Ant1 2412 1000~26500



11AX20MIMO Ant1 2437 0~Reference



11AX20MIMO Ant1 2437 30~1000



11AX20MIMO Ant1 2437 1000~26500



11AX20MIMO Ant1 2462 0~Reference



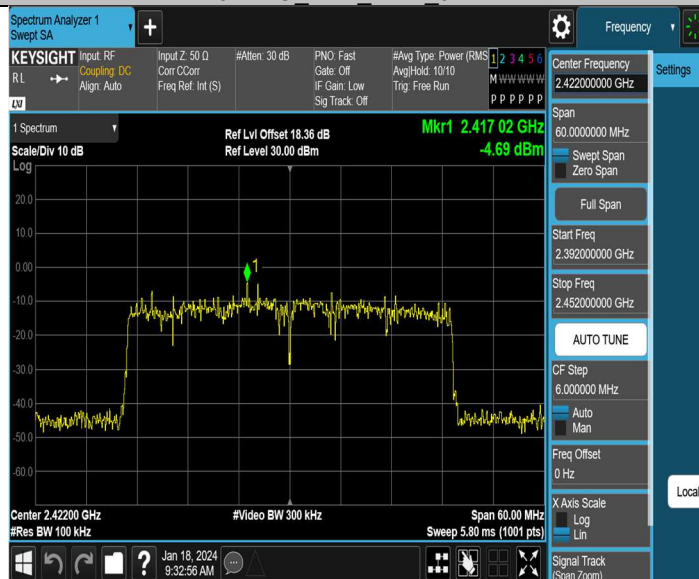
11AX20MIMO Ant1 2462 30~1000



11AX20MIMO Ant1 2462 1000~26500



11AX40MIMO Ant1 2422 0~Reference



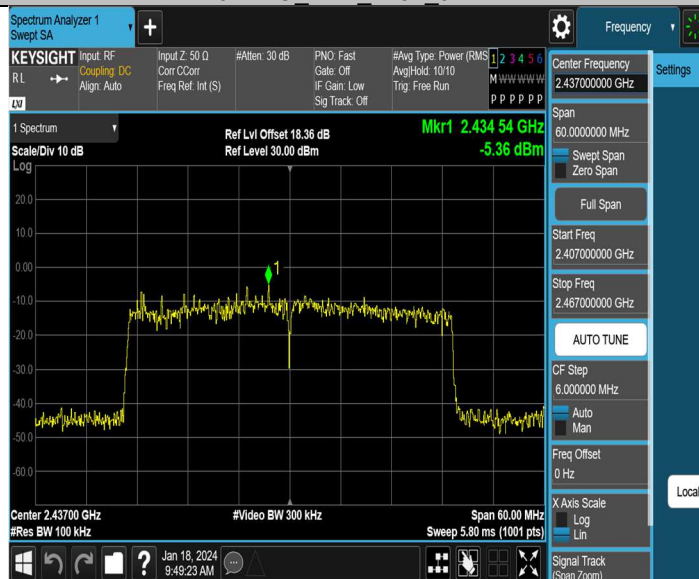
11AX40MIMO Ant1 2422 30~1000



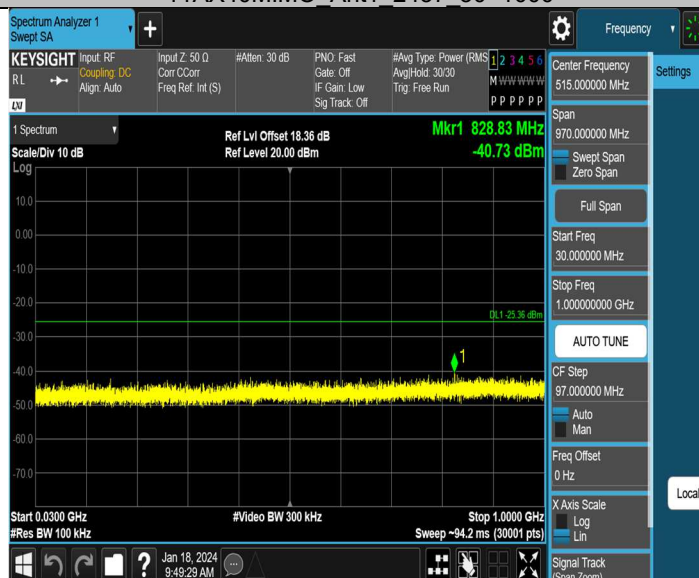
11AX40MIMO Ant1 2422 1000~26500



11AX40MIMO Ant1 2437 0~Reference



11AX40MIMO Ant1 2437 30~1000



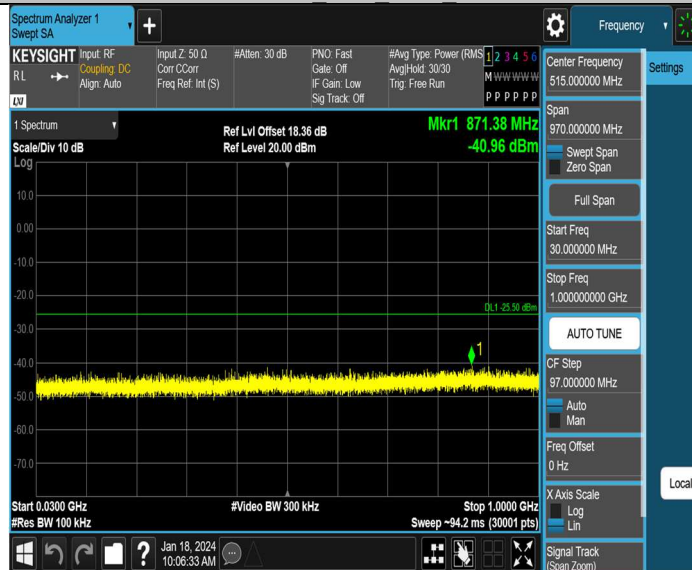
11AX40MIMO Ant1 2437 1000~26500



11AX40MIMO Ant1 2452 0~Reference



11AX40MIMO Ant1 2452 30~1000



11AX40MIMO Ant1 2452 1000~26500



Appendix A.5: Test Results of Radiated Spurious Emissions

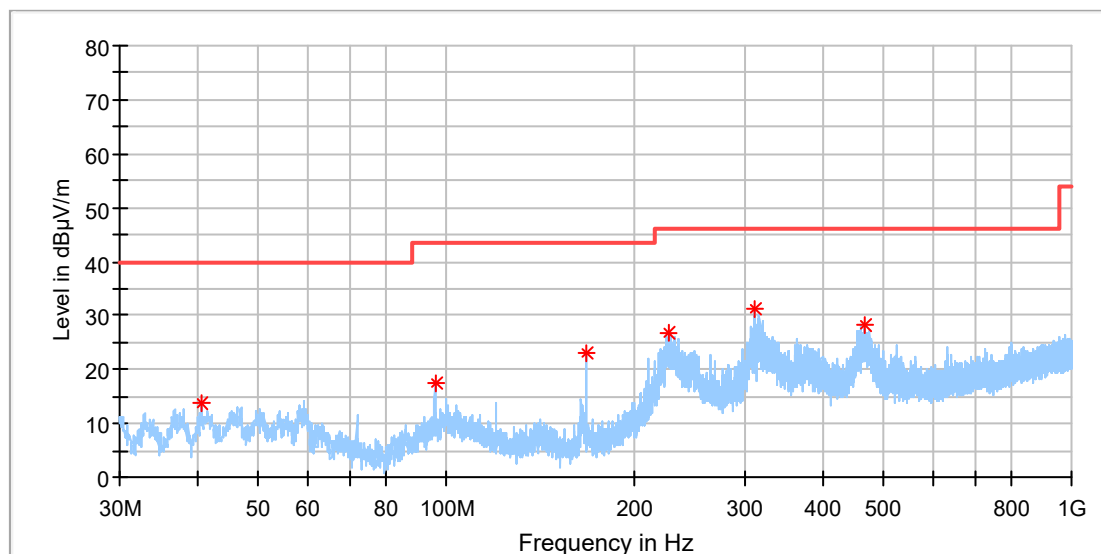
Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) 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.

30MHz - 1GHz (Worst case)

EUT Information

EUT Name:	WIFI+BT Module
Model:	WXT5EM2511
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168451684/A003594964-001
Test Voltage:	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

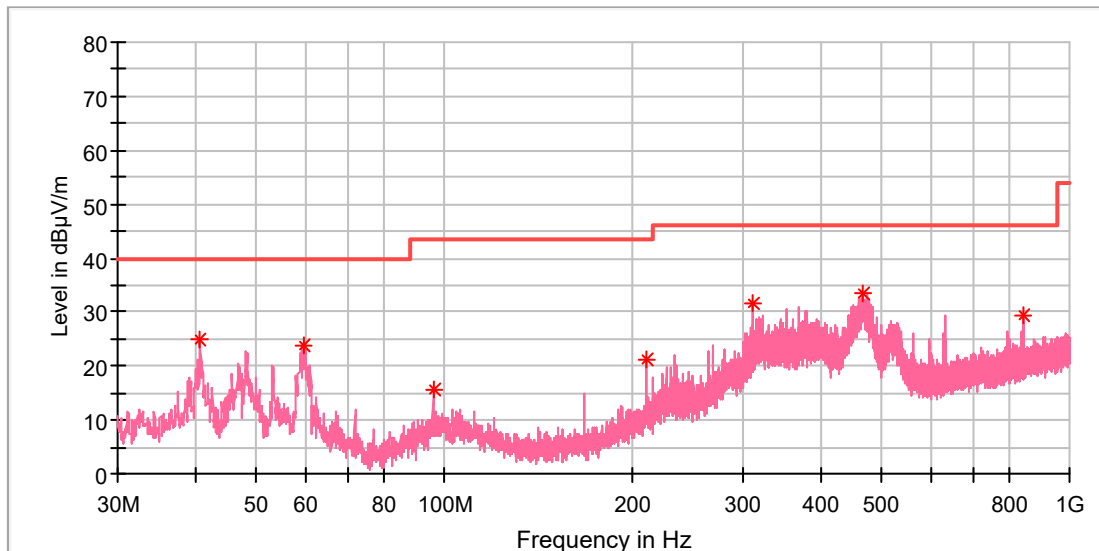


Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
40.707308	13.81	40.00	26.19	100.0	H	0.0	-20.2
95.997308	17.66	43.50	25.84	100.0	H	229.0	-19.9
168.001154	23.06	43.50	20.44	100.0	H	238.0	-21.7
227.357692	26.74	46.00	19.26	100.0	H	213.0	-18.5
312.008846	31.16	46.00	14.84	100.0	H	281.0	-16.3
466.761154	28.41	46.00	17.59	100.0	H	281.0	-12.9

EUT Information

EUT Name:	WIFI+BT Module
Model:	WXT5EM2511
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168451684/A003594964-001
Test Voltage:	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

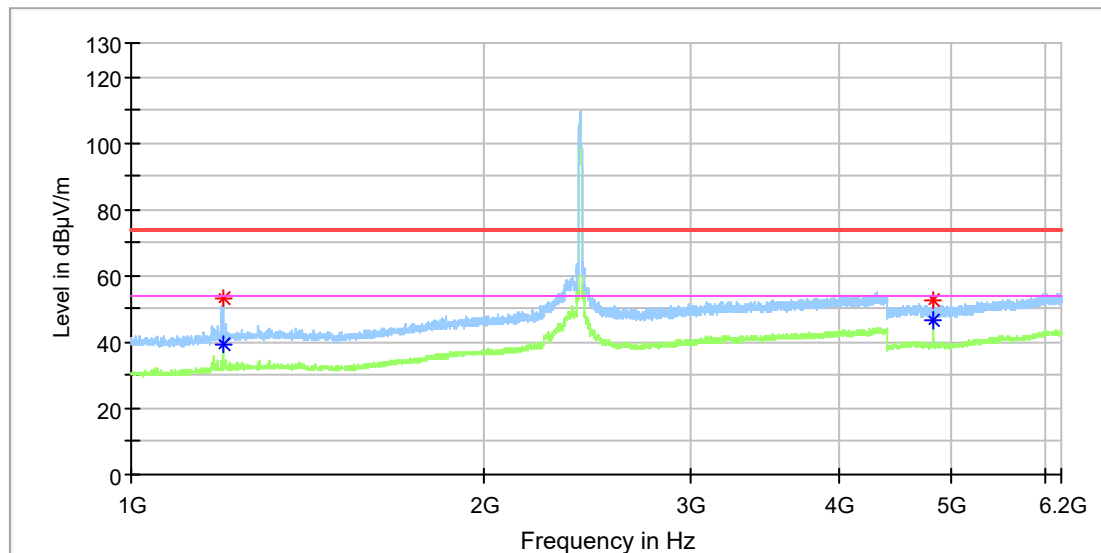
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
40.670000	24.89	40.00	15.11	100.0	V	35.0	-20.2
59.585000	23.84	40.00	16.16	100.0	V	148.0	-19.2
95.997308	15.75	43.50	27.75	100.0	V	324.0	-19.9
210.345385	21.22	43.50	22.28	100.0	V	297.0	-19.2
312.008846	31.71	46.00	14.29	100.0	V	297.0	-16.3
468.104231	33.38	46.00	12.62	100.0	V	223.0	-12.9
841.479615	29.23	46.00	16.77	100.0	V	255.0	-6.0

1GHz - 18GHz

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

EUT Information

EUT Name:	WIFI+BT Module
Model:	WXT5EM2511
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168451684/A003594964-001
Test Voltage:	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

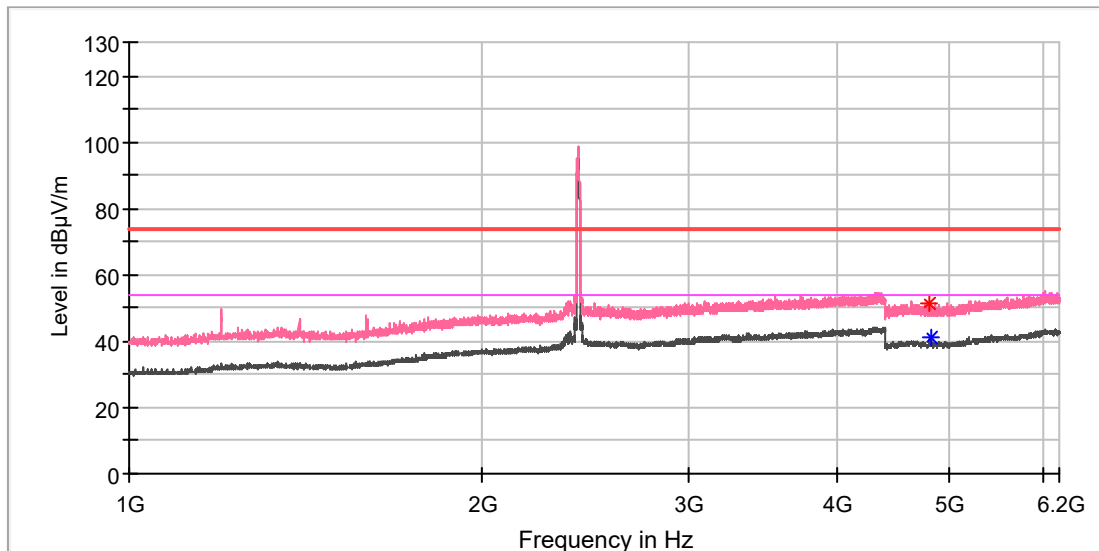
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1197.000000	53.24	---	74.00	20.76	100.0	H	293.0	1.1
1197.000000	---	39.04	54.00	14.96	100.0	H	293.0	1.1
4824.000000	52.51	---	74.00	21.49	100.0	H	81.0	11.8
4824.000000	---	46.83	54.00	7.17	100.0	H	81.0	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: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

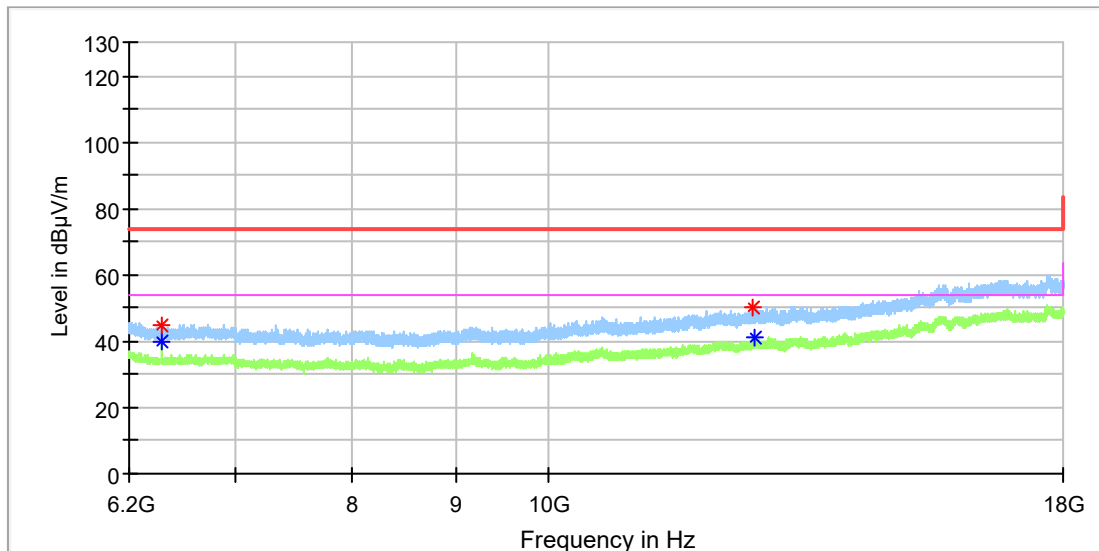
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4808.000000	51.26	---	74.00	22.74	100.0	V	224.0	11.8
4823.500000	---	41.34	54.00	12.66	100.0	V	205.0	11.8

Final Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

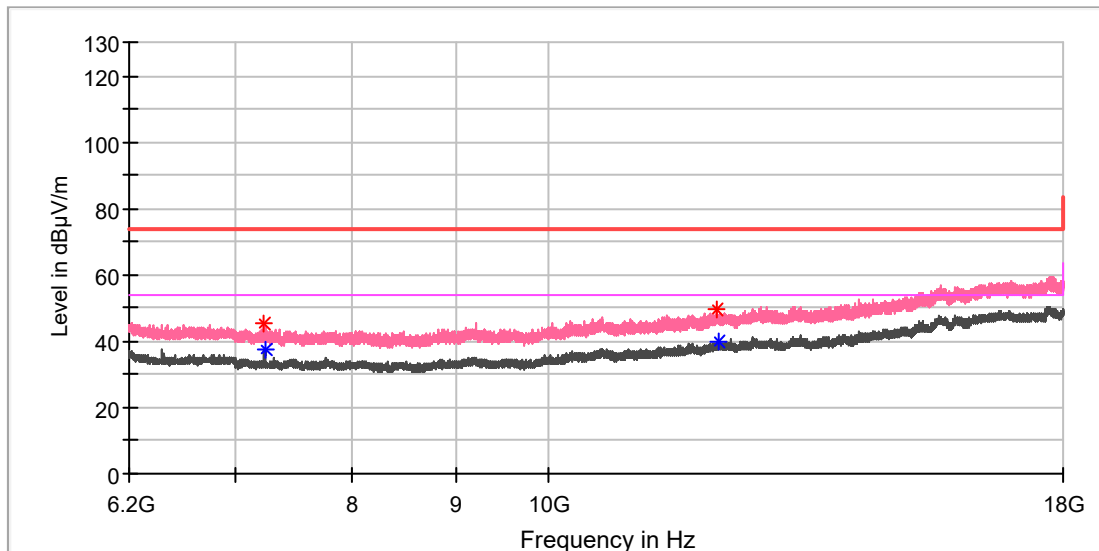
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6431.575000	---	40.15	54.00	13.85	100.0	H	351.0	8.8
6432.066667	44.97	---	74.00	29.03	100.0	H	0.0	8.7
12637.391667	50.28	---	74.00	23.72	100.0	H	0.0	15.0
12646.241667	---	41.41	54.00	12.59	100.0	H	290.0	15.0

Final_Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

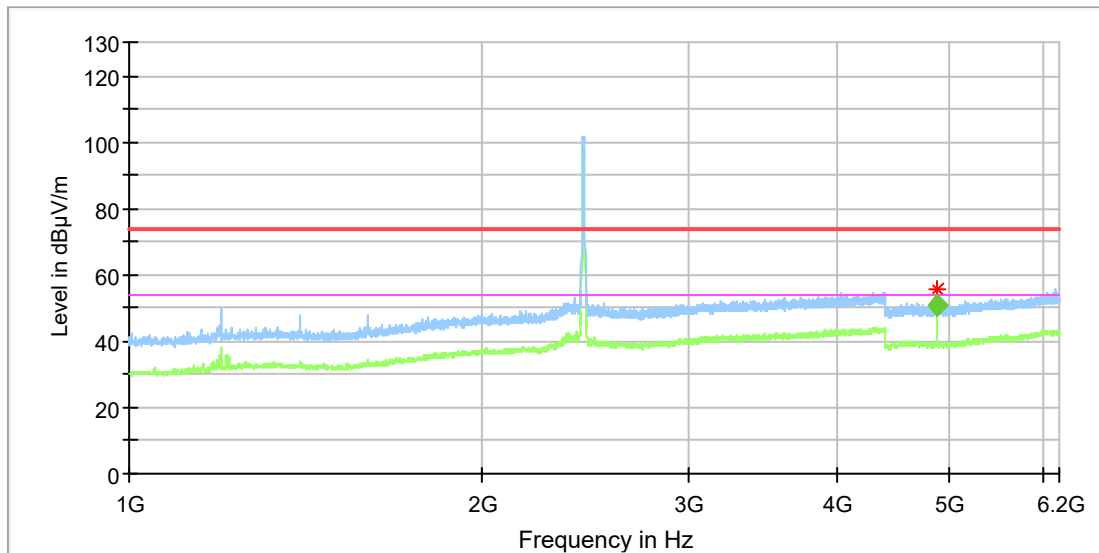
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7234.958333	45.57	---	74.00	28.43	100.0	V	356.0	8.6
7236.433333	---	37.59	54.00	16.41	100.0	V	1.0	8.6
12120.650000	49.33	---	74.00	24.67	100.0	V	78.0	14.3
12149.658333	---	39.65	54.00	14.35	100.0	V	163.0	14.4

Final_Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

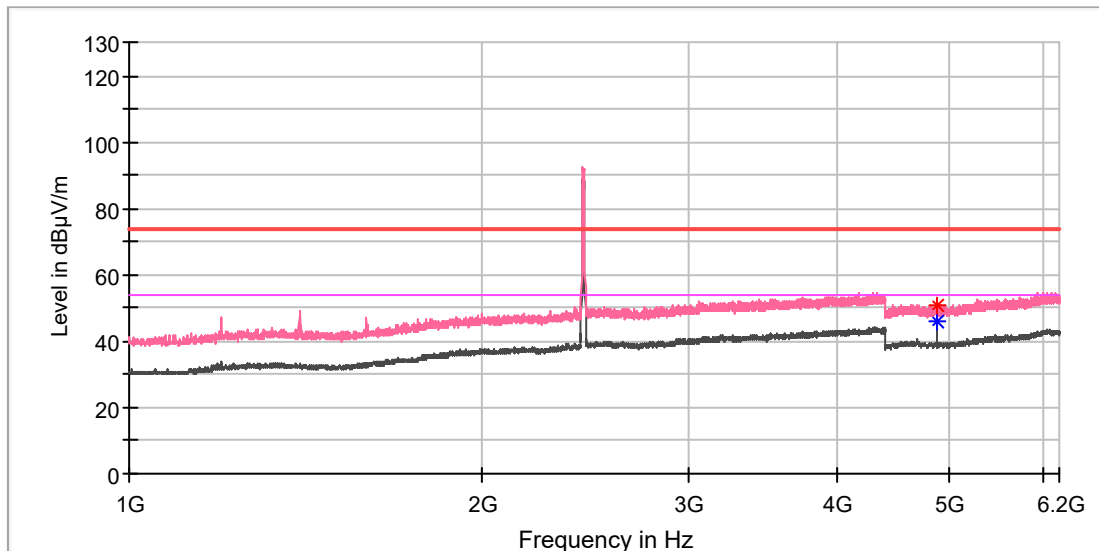
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4873.500000	55.44	---	74.00	18.56	100.0	H	7.0	11.8

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4873.925000	50.90	54.00	3.10	100.0	H	99.0	11.8

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

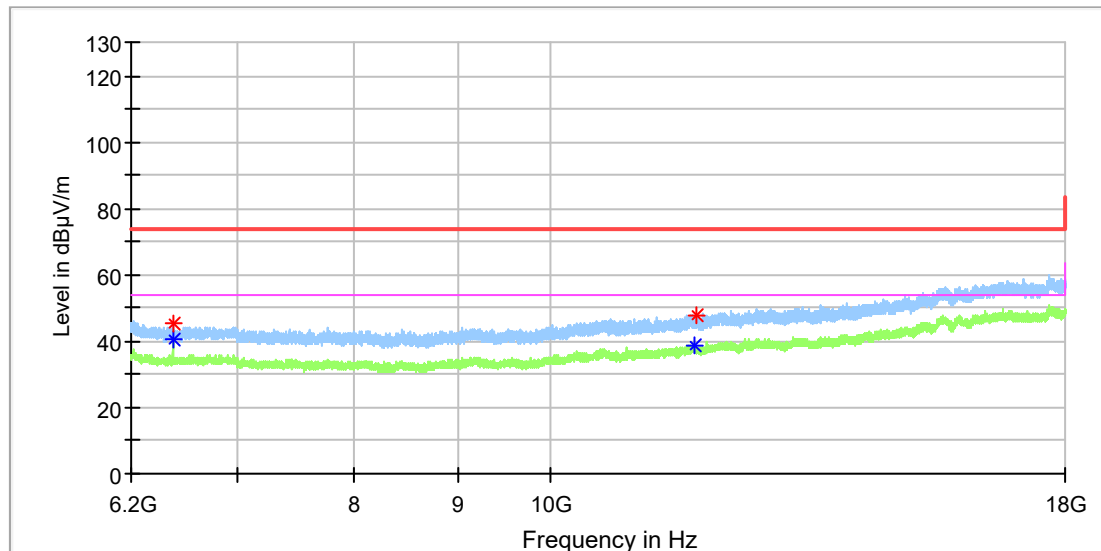
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4874.000000	50.91	---	74.00	23.09	100.0	V	347.0	11.8
4874.000000	---	45.83	54.00	8.17	100.0	V	347.0	11.8

Final Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

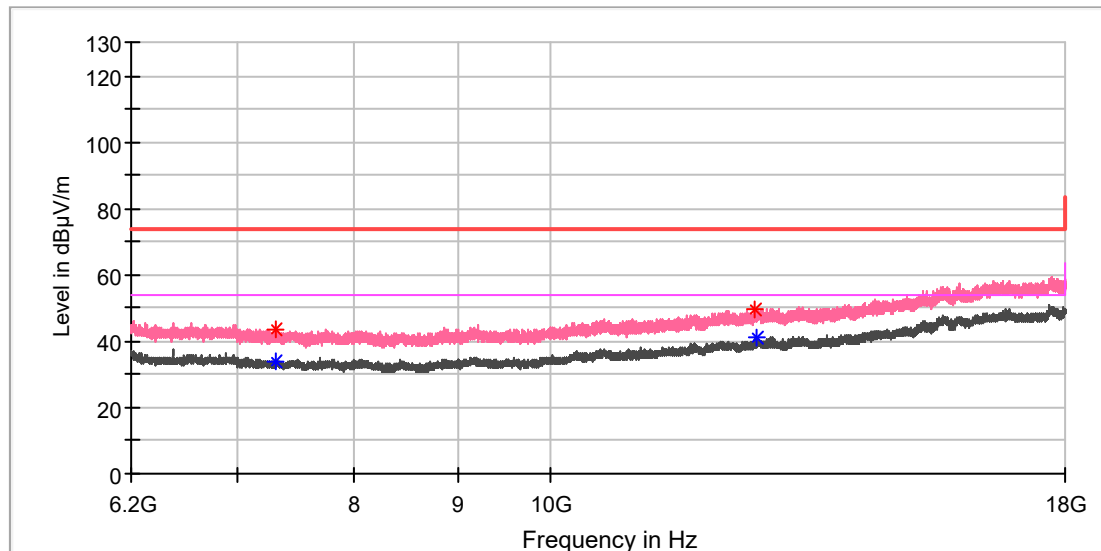
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6498.441667	45.49	---	74.00	28.51	100.0	H	354.0	8.8
6498.441667	---	40.31	54.00	13.69	100.0	H	354.0	8.8
11793.691667	---	38.86	54.00	15.14	100.0	H	59.0	13.4
11805.000000	48.04	---	74.00	25.96	100.0	H	71.0	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: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

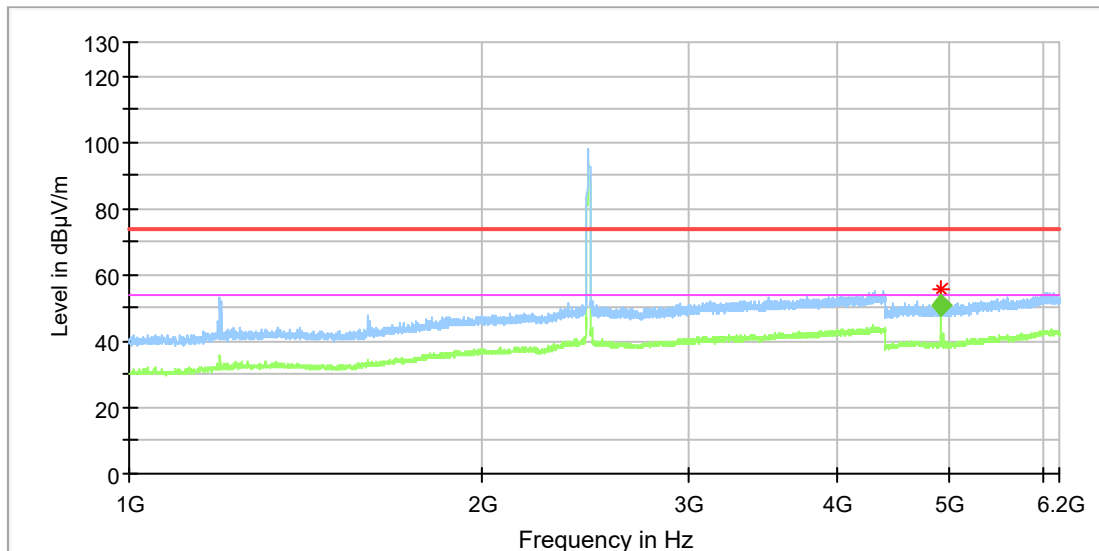
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7306.741667	43.57	---	74.00	30.43	100.0	V	158.0	8.3
7312.150000	---	33.90	54.00	20.10	100.0	V	253.0	8.2
12632.966667	49.67	---	74.00	24.33	100.0	V	73.0	15.0
12659.025000	---	41.01	54.00	12.99	100.0	V	0.0	15.0

Final_Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

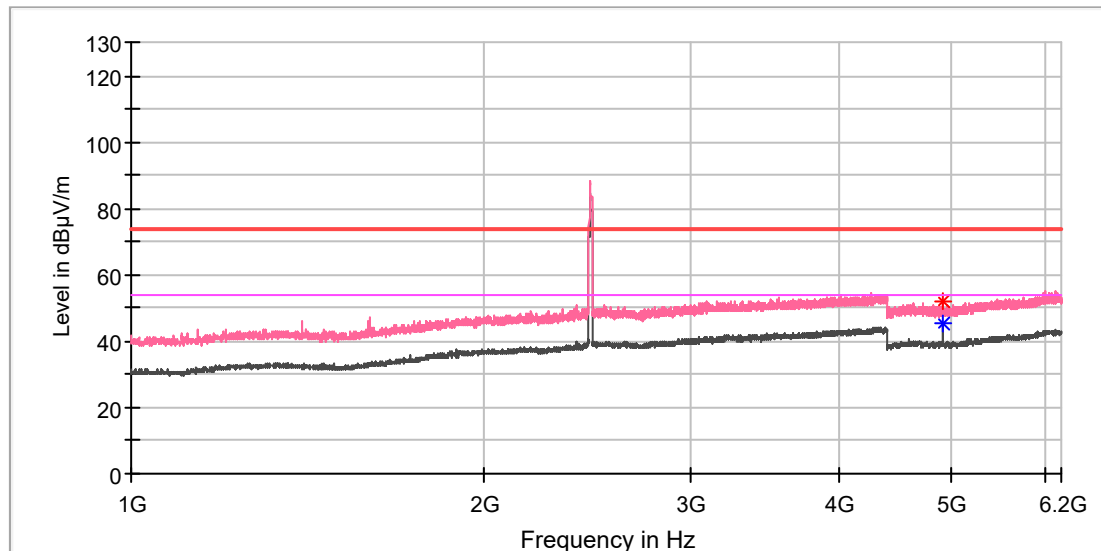
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4924.000000	55.35	---	74.00	18.65	100.0	H	86.0	11.8

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4923.947222	50.93	54.00	3.07	105.0	H	84.0	11.8

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

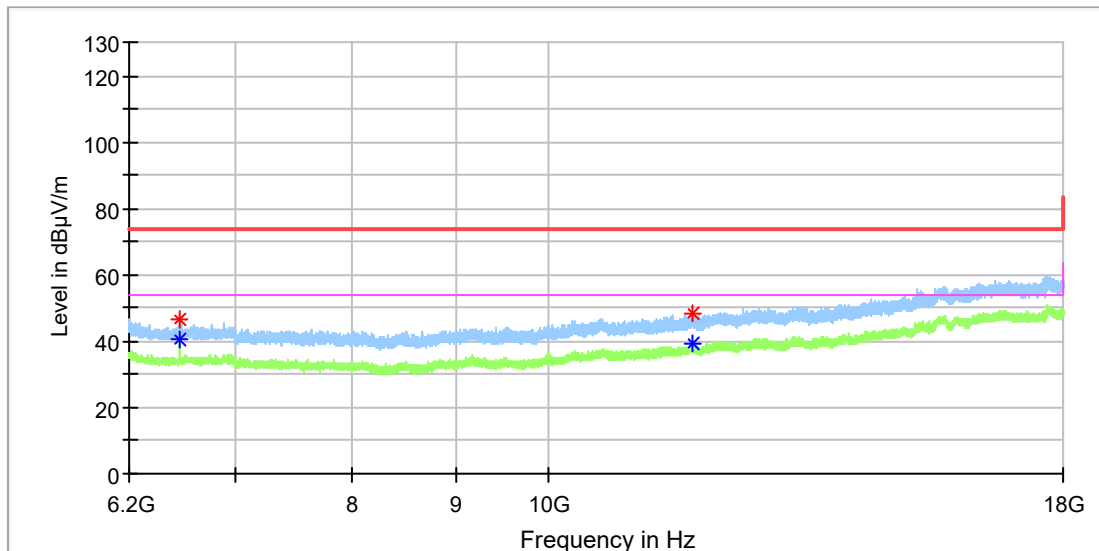
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4923.500000	52.03	---	74.00	21.97	100.0	V	339.0	11.8
4924.000000	---	45.05	54.00	8.95	100.0	V	346.0	11.8

Final Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

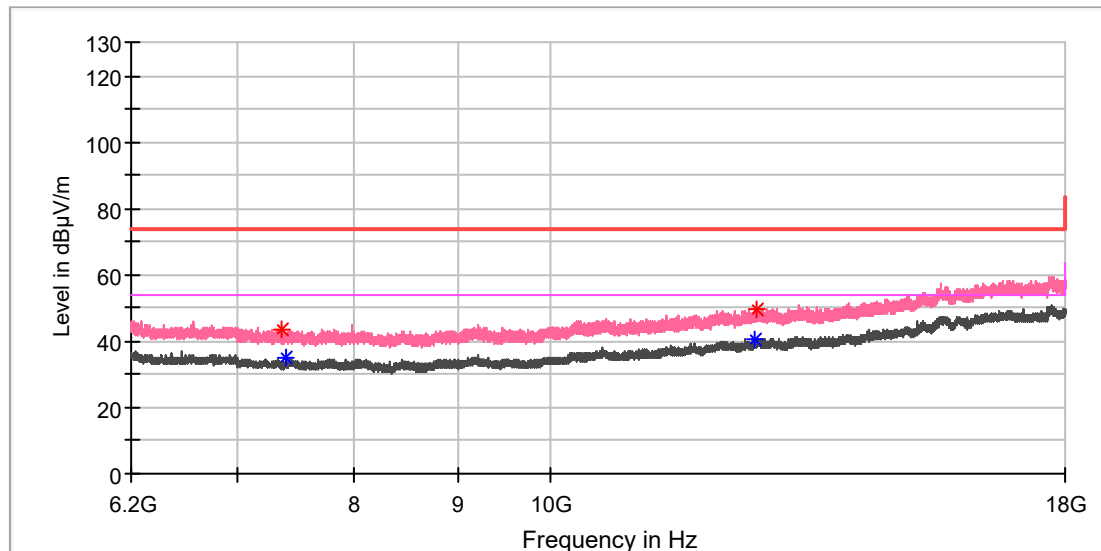
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6565.308333	46.70	---	74.00	27.30	100.0	H	4.0	8.7
6565.308333	---	40.60	54.00	13.40	100.0	H	4.0	8.7
11781.400000	48.35	---	74.00	25.65	100.0	H	4.0	13.4
11783.858333	---	39.08	54.00	14.92	100.0	H	138.0	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: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

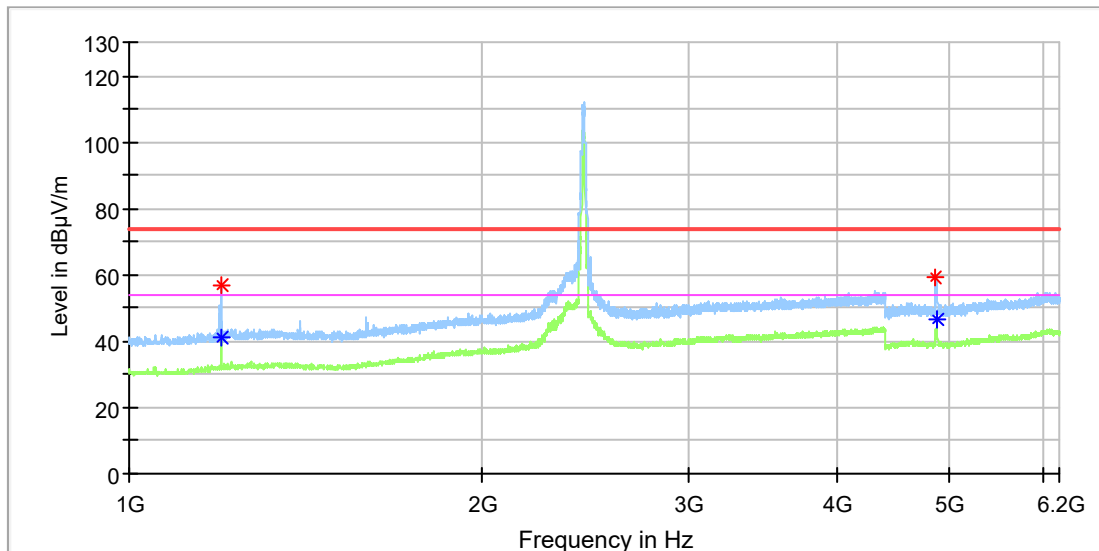
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7364.758333	43.25	---	74.00	30.75	100.0	V	318.0	8.2
7401.141667	---	35.29	54.00	18.71	100.0	V	318.0	8.3
12619.691667	---	40.67	54.00	13.33	100.0	V	17.0	14.9
12662.958333	49.75	---	74.00	24.25	100.0	V	210.0	15.0

Final_Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

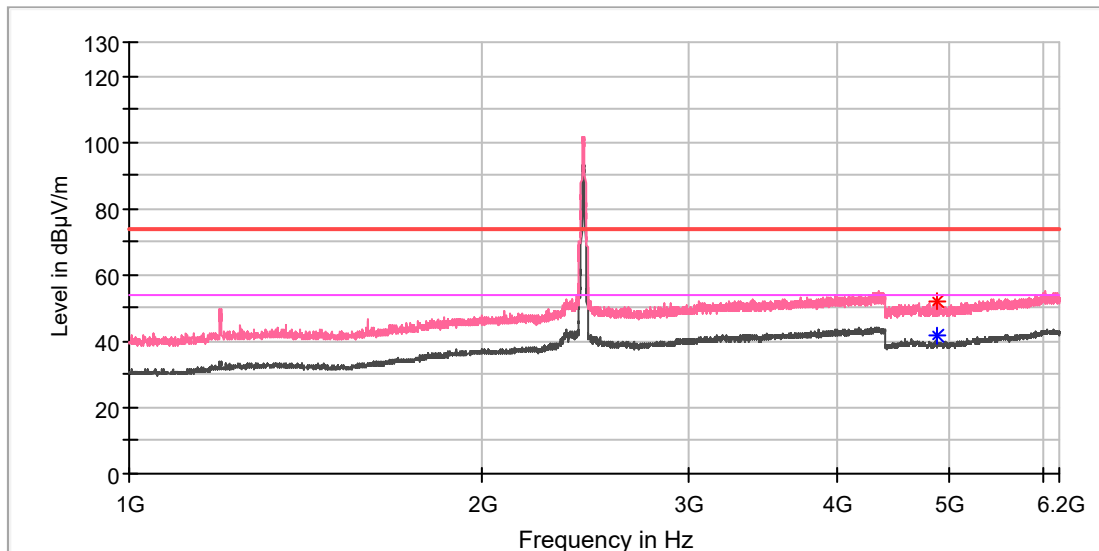
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1196.500000	---	41.16	54.00	12.84	100.0	H	305.0	1.1
1197.000000	57.09	---	74.00	16.91	100.0	H	284.0	1.1
4865.000000	58.97	---	74.00	15.03	100.0	H	104.0	11.8
4873.500000	---	46.44	54.00	7.56	100.0	H	246.0	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: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

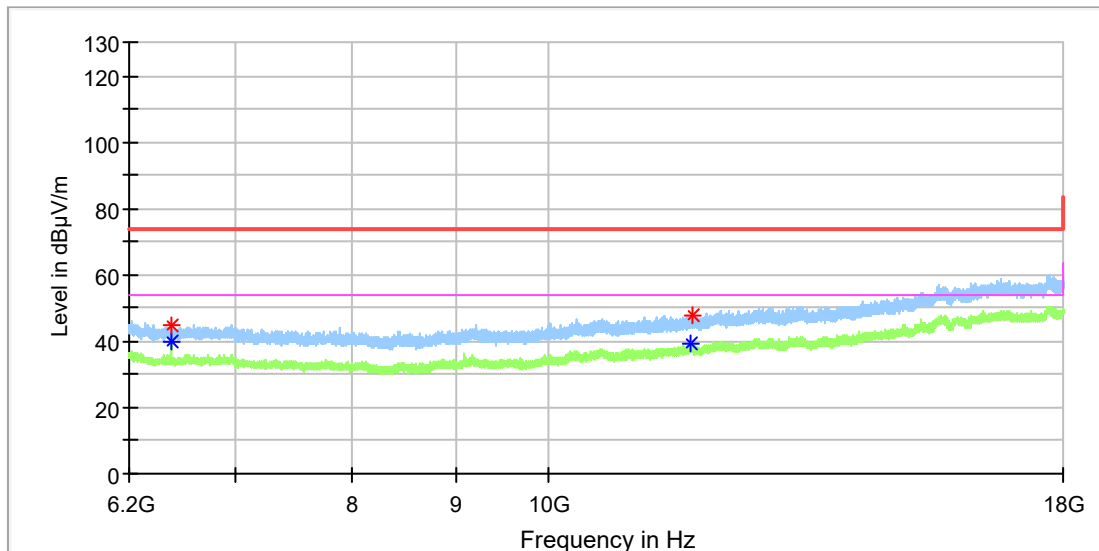
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4870.500000	52.16	---	74.00	21.84	100.0	V	345.0	11.8
4873.500000	---	41.62	54.00	12.38	100.0	V	338.0	11.8

Final Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

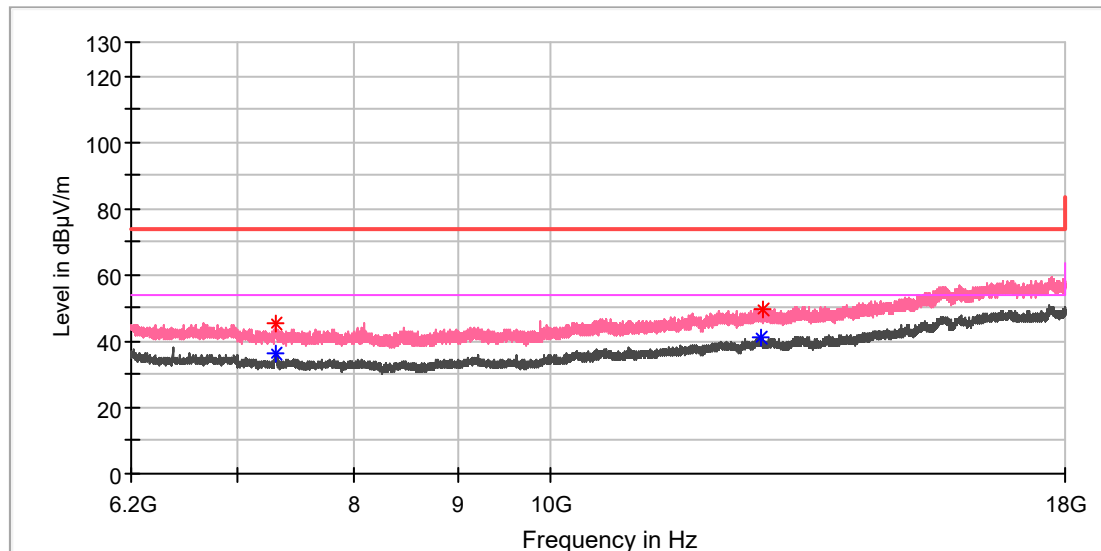
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6497.950000	44.50	---	74.00	29.50	100.0	H	0.0	8.8
6498.441667	---	40.11	54.00	13.89	100.0	H	5.0	8.8
11761.241667	---	39.14	54.00	14.86	100.0	H	262.0	13.4
11776.483333	47.65	---	74.00	26.35	100.0	H	323.0	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: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

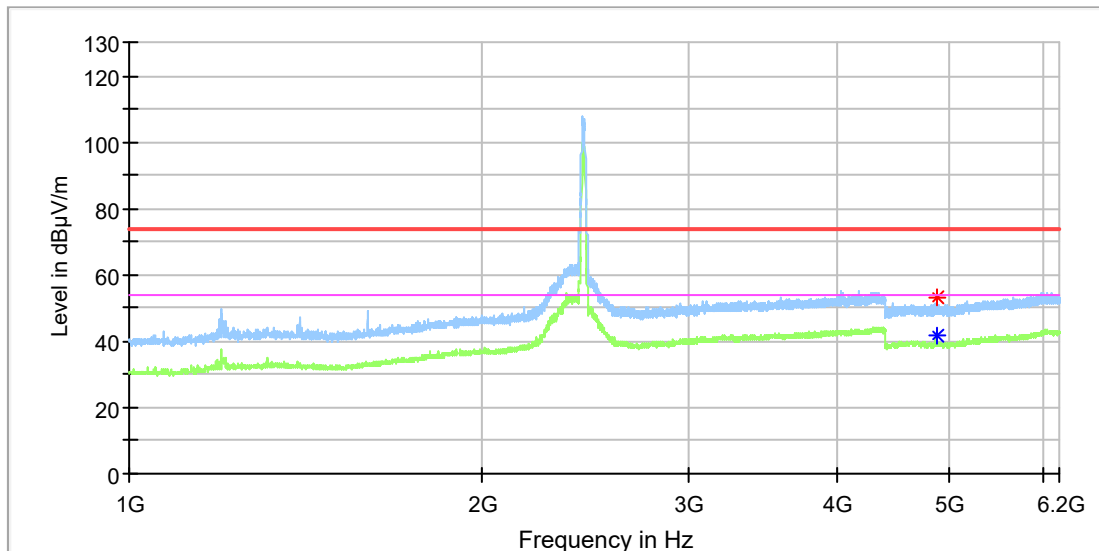
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7307.725000	---	36.52	54.00	17.48	100.0	V	343.0	8.3
7316.083333	45.07	---	74.00	28.93	100.0	V	343.0	8.2
12712.616667	---	41.16	54.00	12.84	100.0	V	49.0	15.1
12744.083333	49.65	---	74.00	24.35	100.0	V	132.0	15.2

Final_Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

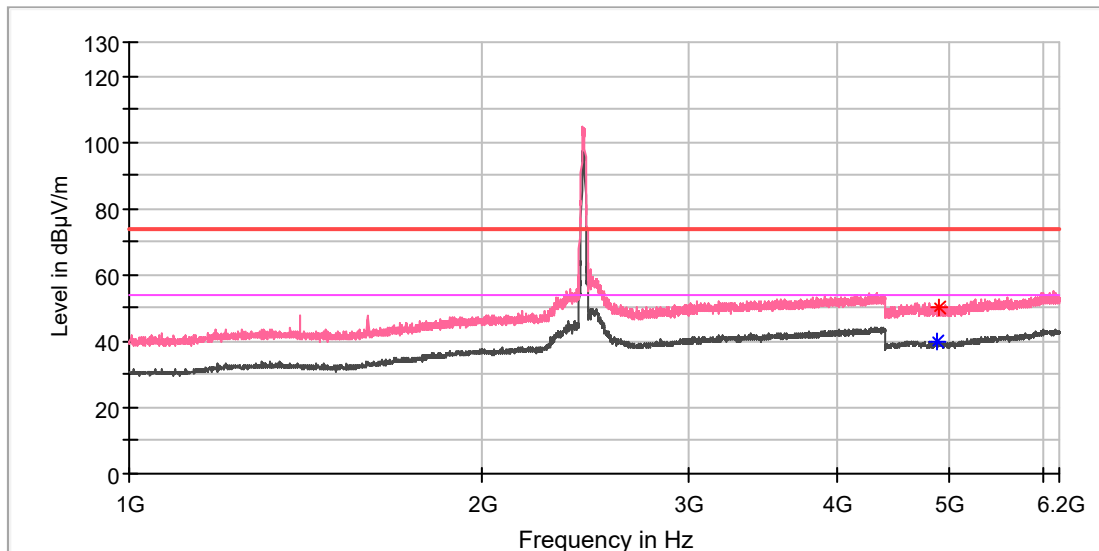
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4874.000000	53.45	---	74.00	20.55	100.0	H	5.0	11.8
4876.000000	---	41.70	54.00	12.30	100.0	H	167.0	11.8

Final_Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

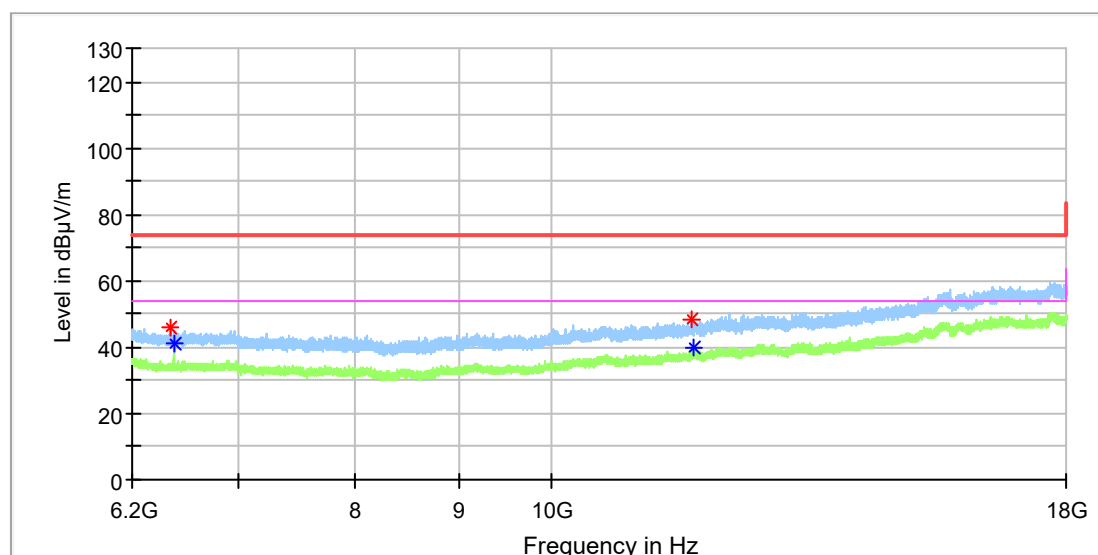
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4873.000000	---	39.98	54.00	14.02	100.0	V	345.0	11.8
4891.000000	50.41	---	74.00	23.59	100.0	V	172.0	11.8

Final_Result

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

EUT Information

EUT Name: WIFI+BT Module
 Model: WXT5EM2511
 Test Mode: WIFI 2.4G_11n20_Ch6
 Order No/Sample No: 168451684/A003594964-001
 Test Voltage: DC 5V From USB
 Remark: Temp 22 Humi:52%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical_Freqs

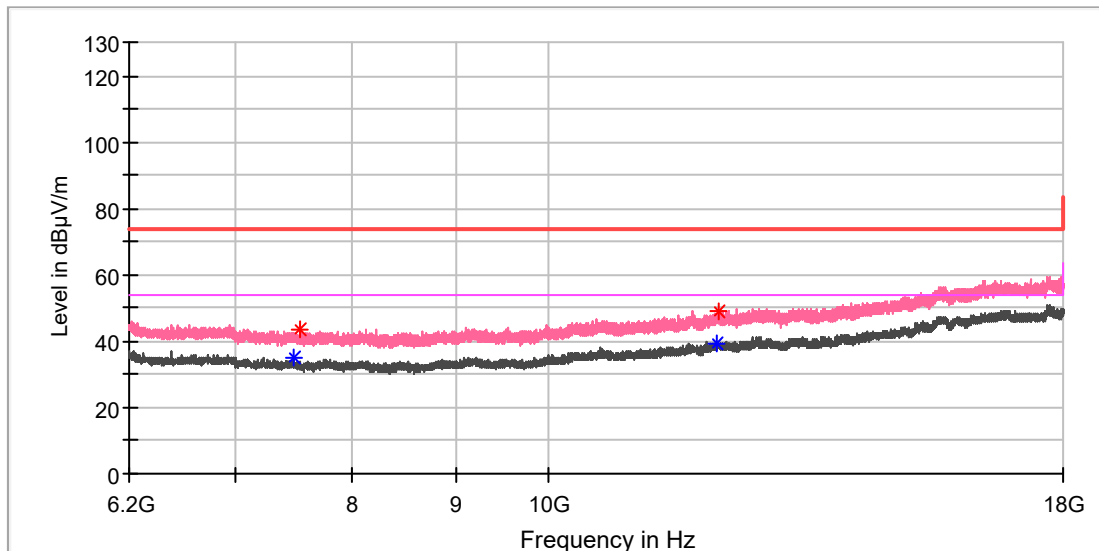
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6472.383333	45.68	---	74.00	28.32	100.0	H	77.0	8.7
6498.441667	---	40.96	54.00	13.04	100.0	H	6.0	8.8
11742.558333	48.44	---	74.00	25.56	100.0	H	172.0	13.3
11761.733333	---	39.79	54.00	14.21	100.0	H	77.0	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: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

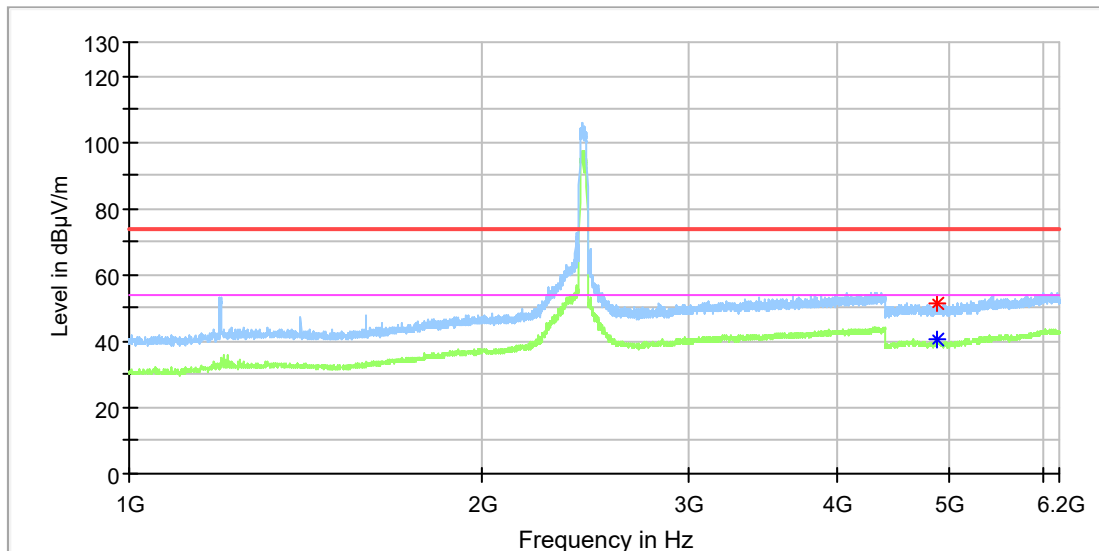
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7477.350000	---	34.89	54.00	19.11	100.0	V	0.0	8.6
7527.008333	43.67	---	74.00	30.33	100.0	V	0.0	8.7
12127.041667	---	39.58	54.00	14.42	100.0	V	18.0	14.3
12157.525000	48.85	---	74.00	25.15	100.0	V	83.0	14.5

Final_Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

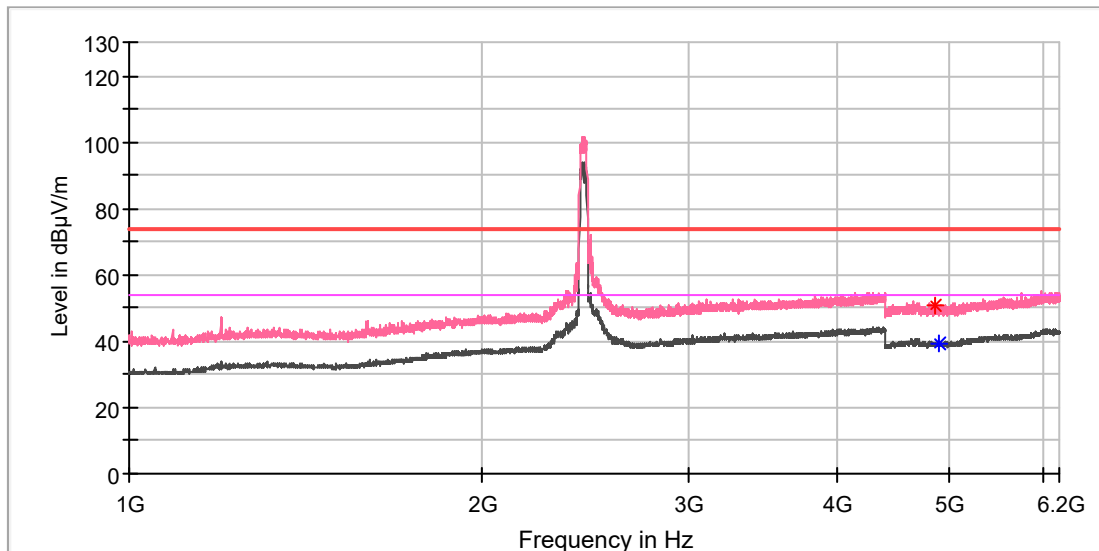
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4873.000000	---	40.57	54.00	13.43	100.0	H	357.0	11.8
4886.000000	51.57	---	74.00	22.43	100.0	H	113.0	11.8

Final_Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

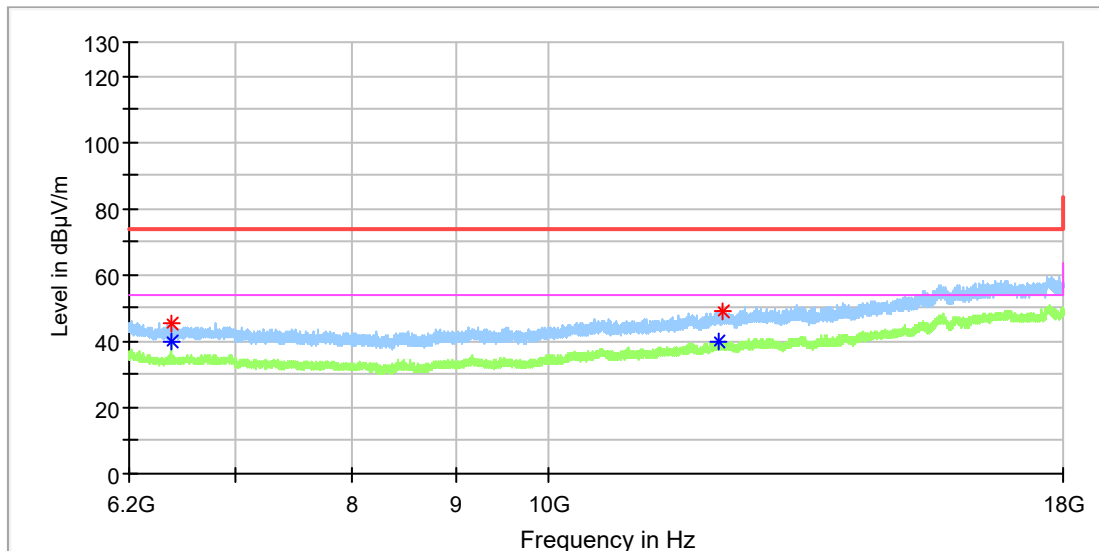
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4864.000000	50.80	---	74.00	23.20	100.0	V	344.0	11.8
4897.500000	---	39.59	54.00	14.41	100.0	V	113.0	11.8

Final Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

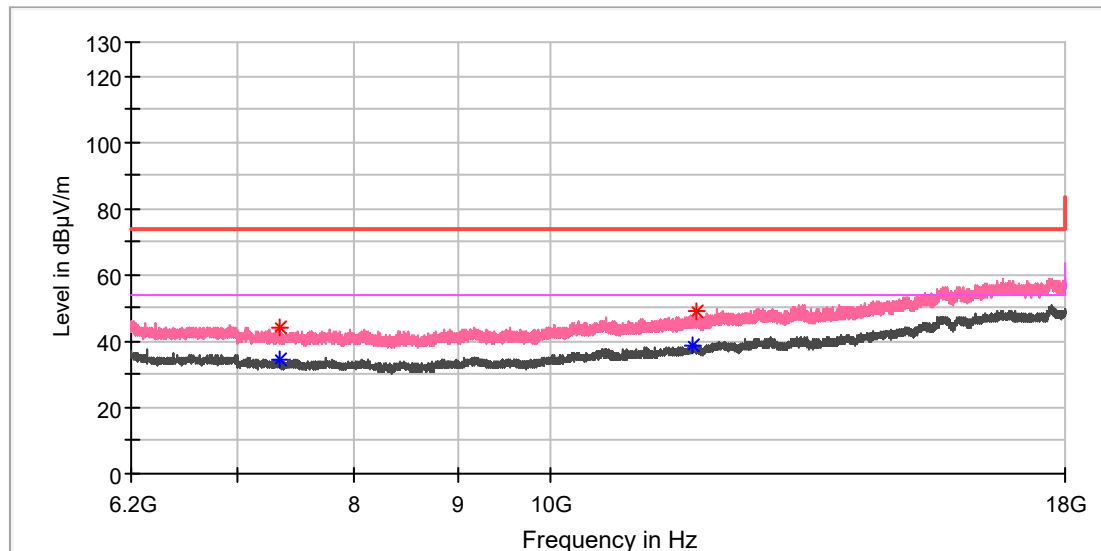
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6498.441667	45.41	---	74.00	28.59	100.0	H	8.0	8.8
6498.441667	---	40.11	54.00	13.89	100.0	H	8.0	8.8
12157.525000	---	40.12	54.00	13.88	100.0	H	32.0	14.5
12190.958333	48.76	---	74.00	25.24	100.0	H	140.0	14.6

Final_Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
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)
7335.750000	43.88	---	74.00	30.12	100.0	V	324.0	8.1
7335.750000	---	34.66	54.00	19.34	100.0	V	324.0	8.1
11760.750000	---	38.95	54.00	15.05	100.0	V	312.0	13.4
11803.525000	49.09	---	74.00	24.91	100.0	V	358.0	13.4

Final_Result

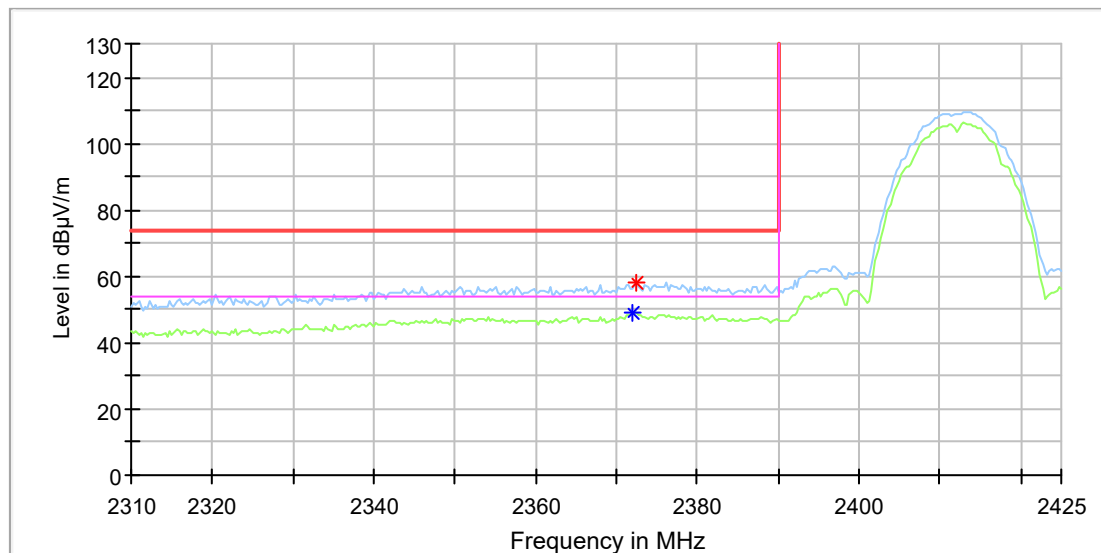
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

Appendix A.6: Test Results of Radiated Emissions in Restricted Bands

Wi-Fi 802.11 b mode

EUT Information

EUT Name:	WIFI+BT Module
Model:	WXT5EM2511
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168451684/A003594964-001
Test Voltage:	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

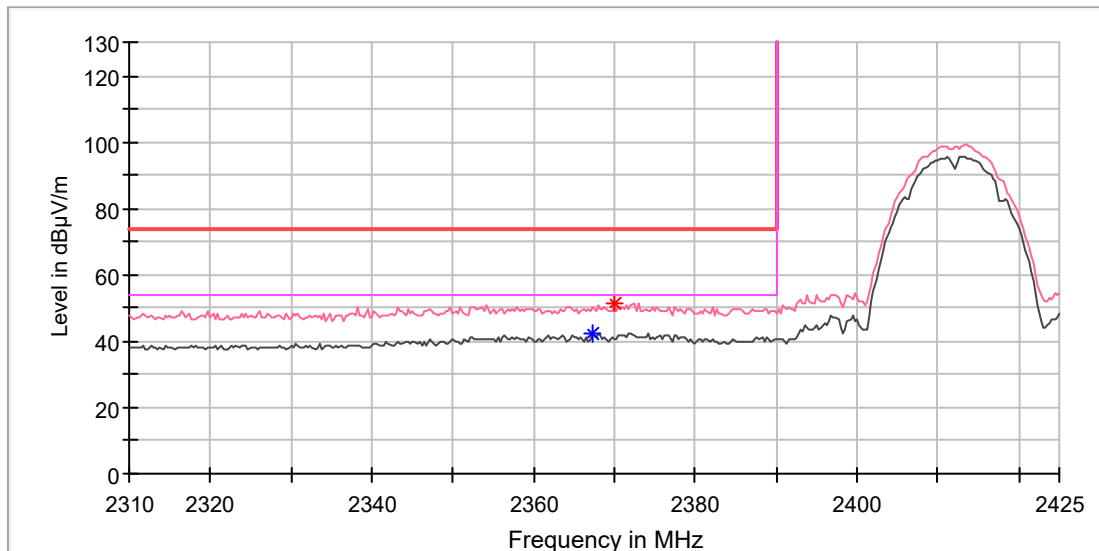
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2372.058824	---	48.77	54.00	5.23	100.0	H	24.0	6.9
2372.352941	58.10	---	74.00	15.90	100.0	H	24.0	6.9

Final_Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

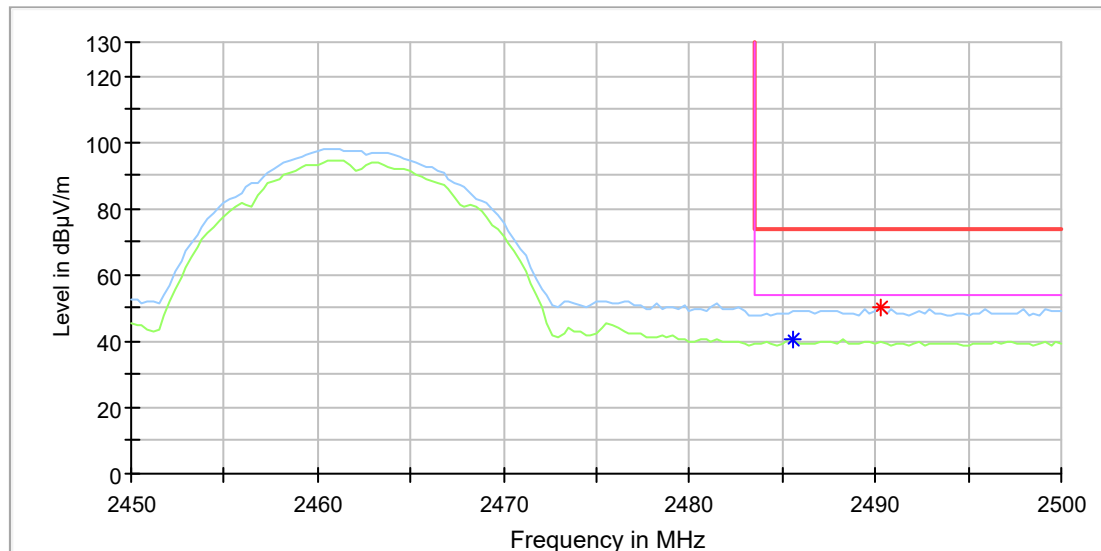
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2367.352941	---	42.33	54.00	11.67	100.0	V	354.0	6.9
2370.000000	51.38	---	74.00	22.62	100.0	V	354.0	6.9

Final Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

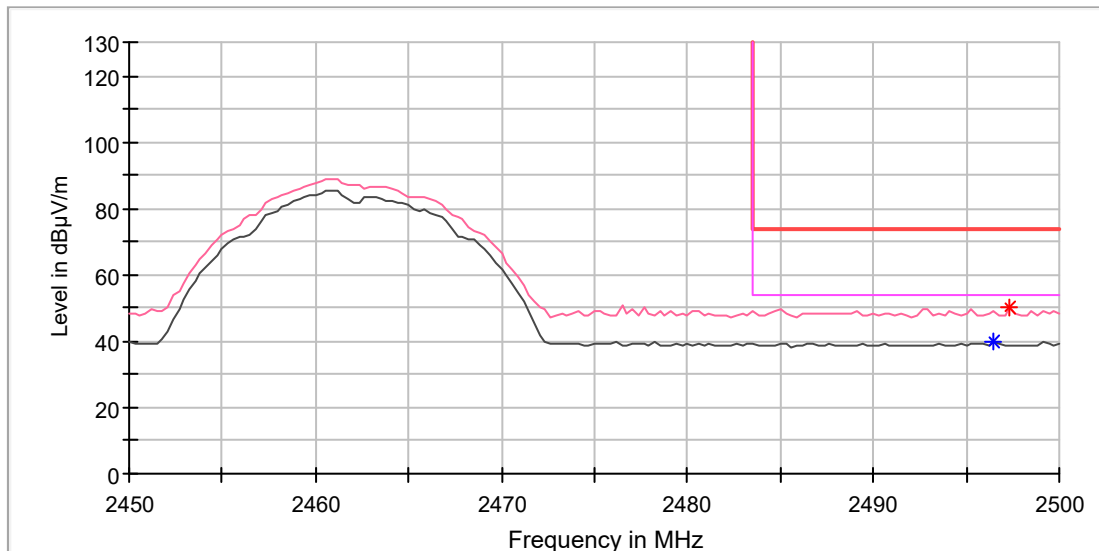
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.588235	---	40.35	54.00	13.65	100.0	H	319.0	7.4
2490.294118	50.21	---	74.00	23.79	100.0	H	354.0	7.4

Final Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
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)
2496.470588	---	39.87	54.00	14.13	100.0	V	18.0	7.4
2497.352941	50.17	---	74.00	23.83	100.0	V	93.0	7.4

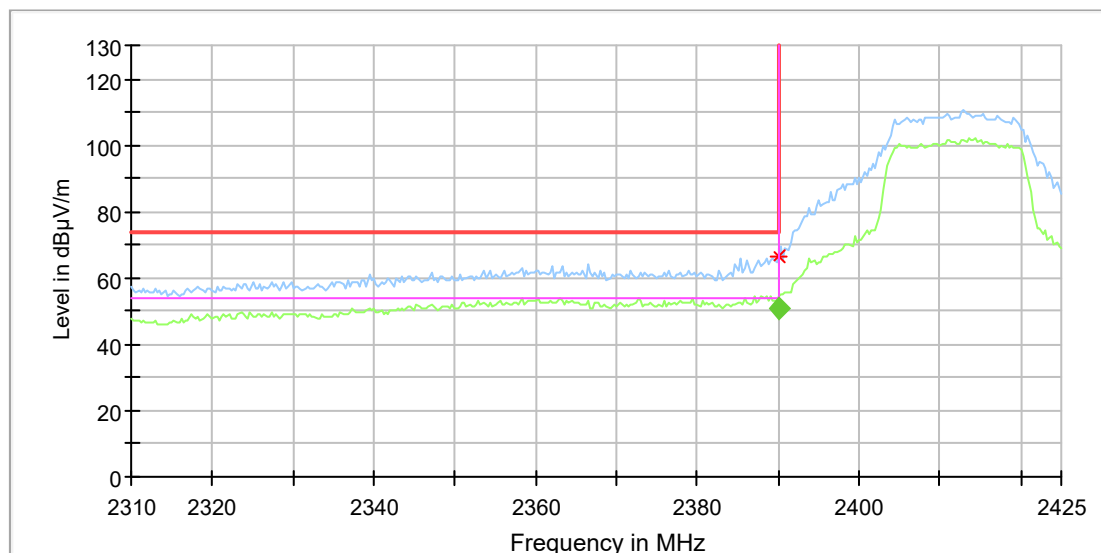
Final_Result

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

Wi-Fi 802.11 g mode

EUT Information

EUT Name:	WIFI+BT Module
Model:	WXT5EM2511
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168451684/A003594964-001
Test Voltage:	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

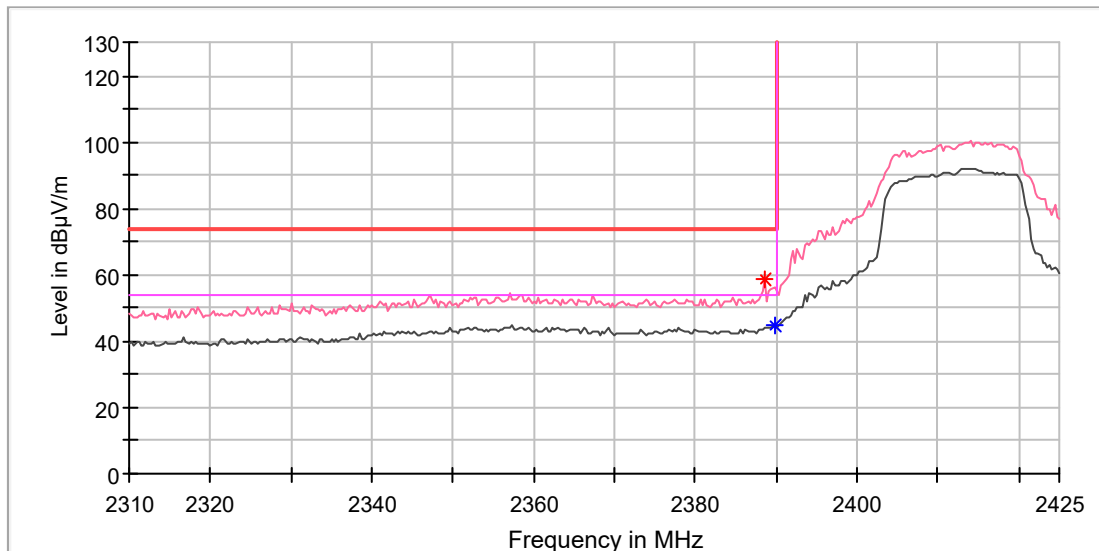
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2390.000000	66.36	---	74.00	7.64	100.0	H	140.0	7.0

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2390.000000	50.88	54.00	3.12	100.0	H	135.0	7.0

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11g_Ch1
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

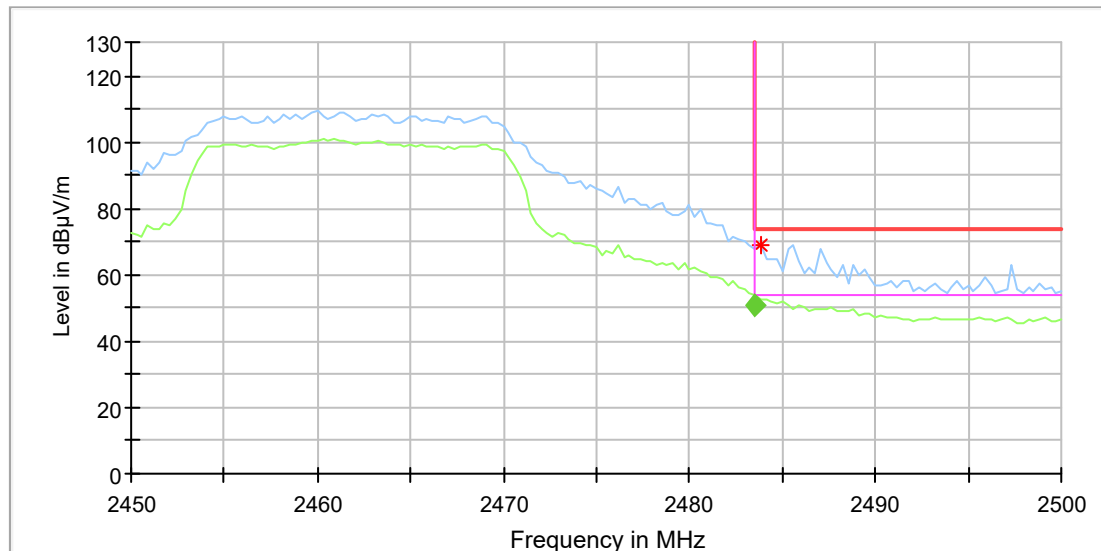
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.529412	58.62	---	74.00	15.38	100.0	V	0.0	7.0
2389.705882	---	44.89	54.00	9.11	100.0	V	0.0	7.0

Final_Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11g_Ch11
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

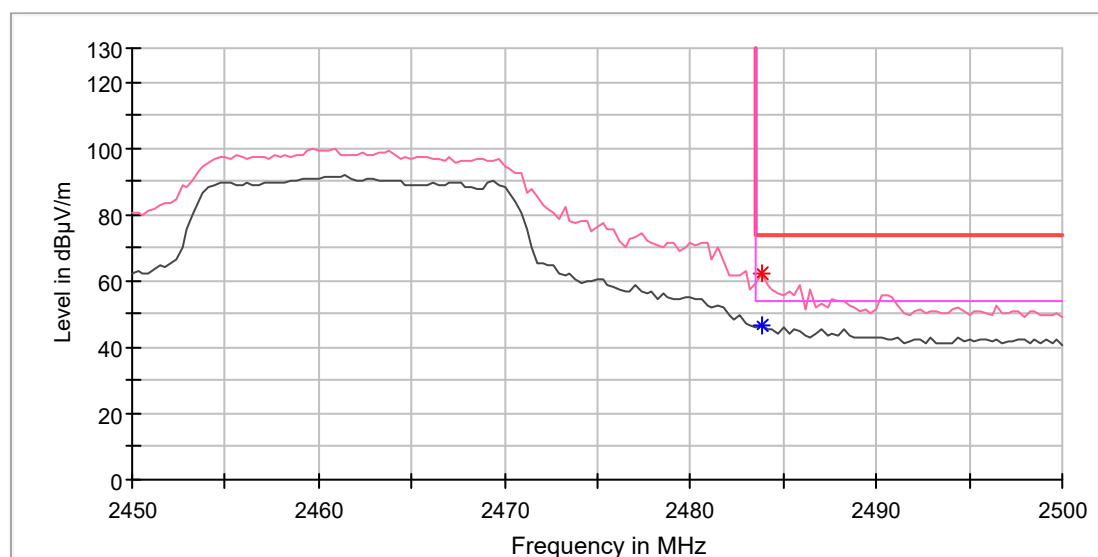
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	68.67	---	74.00	5.33	100.0	H	14.0	7.4

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.520002	50.75	54.00	3.25	105.0	H	153.0	7.4

EUT Information

EUT Name:	WIFI+BT Module
Model:	WXT5EM2511
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	168451684/A003594964-001
Test Voltage:	DC 5V From USB
Remark:	Temp 22 Humi:52%
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)
2483.823529	62.25	---	74.00	11.75	100.0	V	252.0	7.4
2483.823529	---	46.40	54.00	7.60	100.0	V	252.0	7.4

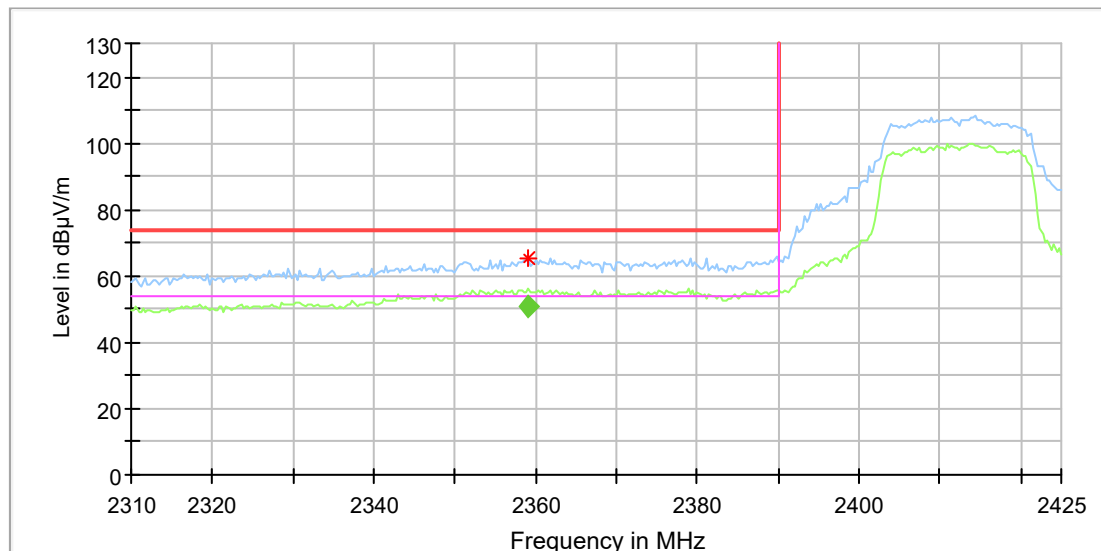
Final Result

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

Wi-Fi 802.11 n(HT20) mode

EUT Information

EUT Name:	WIFI+BT Module
Model:	WXT5EM2511
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168451684/A003594964-001
Test Voltage:	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

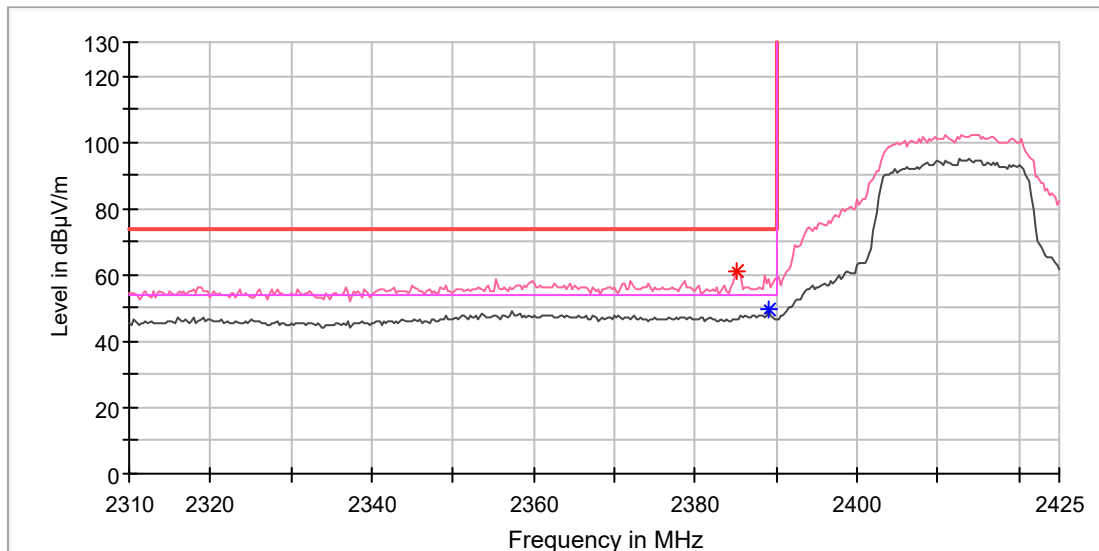
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2359.117647	65.18	---	74.00	8.82	100.0	H	22.0	6.9

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2359.117058	50.79	54.00	3.21	105.0	H	17.0	6.9

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11n20_Ch1
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

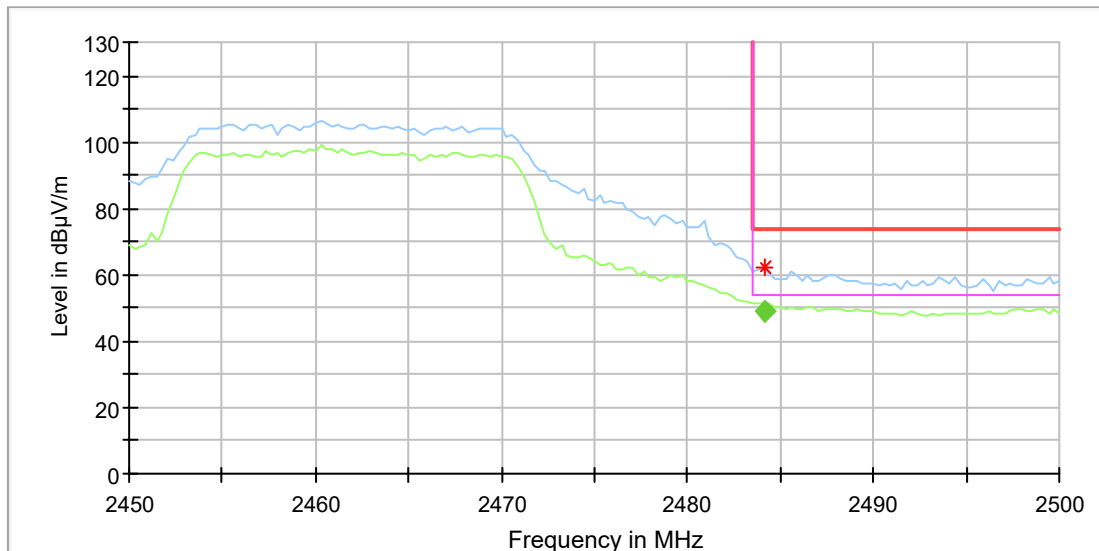
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2385.000000	61.24	---	74.00	12.76	100.0	V	358.0	7.0
2389.117647	---	49.34	54.00	4.66	100.0	V	0.0	7.0

Final Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11n20_Ch11
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

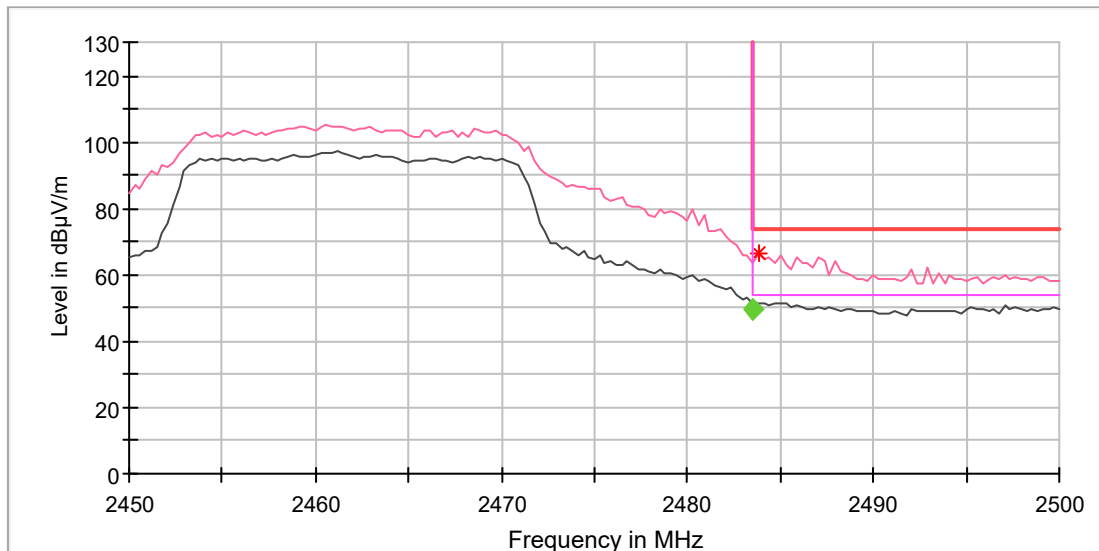
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.117647	62.19	---	74.00	11.81	100.0	H	4.0	7.4

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.117441	48.94	54.00	5.06	100.0	H	-1.0	7.4

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11n20_Ch11
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
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)
2483.823529	66.66	---	74.00	7.34	100.0	V	335.0	7.4

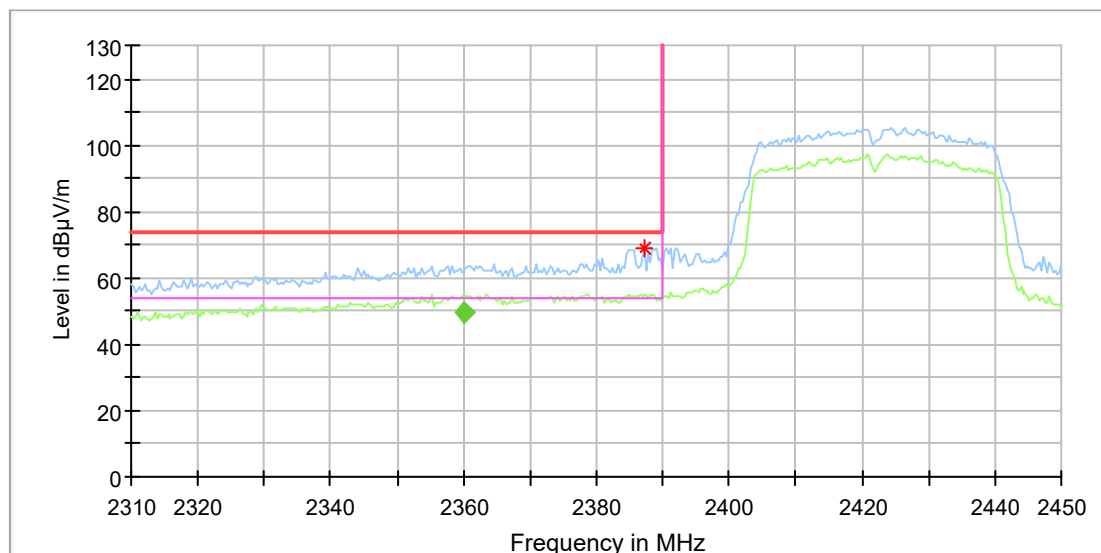
Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.552944	49.29	54.00	4.71	105.0	V	340.0	7.4

Wi-Fi 802.11 n(HT40) mode

EUT Information

EUT Name:	WIFI+BT Module
Model:	WXT5EM2511
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	168451684/A003594964-001
Test Voltage:	DC 5V From USB
Remark:	Temp 22 Humi:52%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

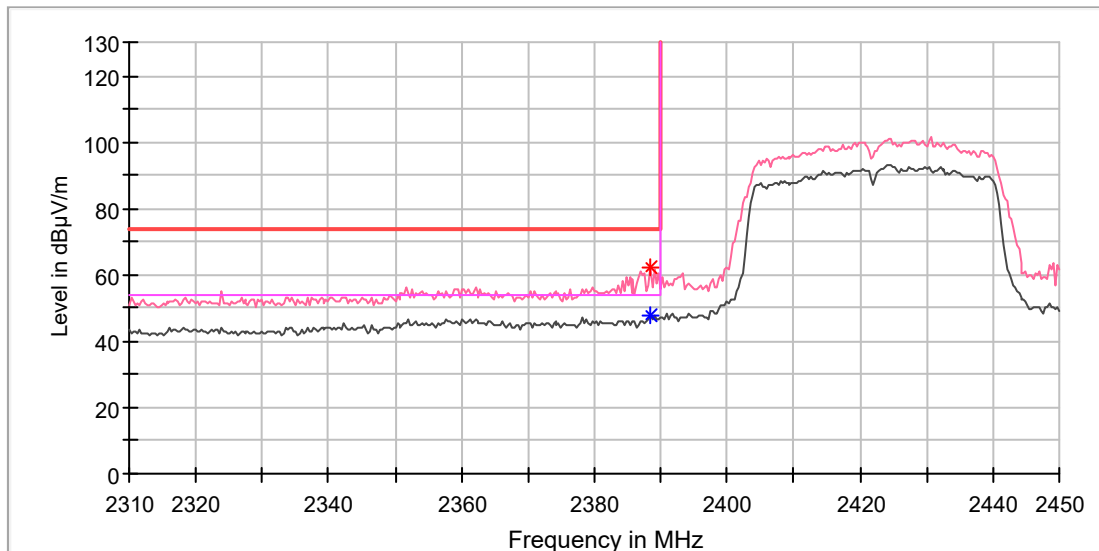
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.352941	69.06	---	74.00	4.94	100.0	H	27.0	7.0

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2359.935588	49.78	54.00	4.22	105.0	H	17.0	6.9

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11n40_Ch3
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

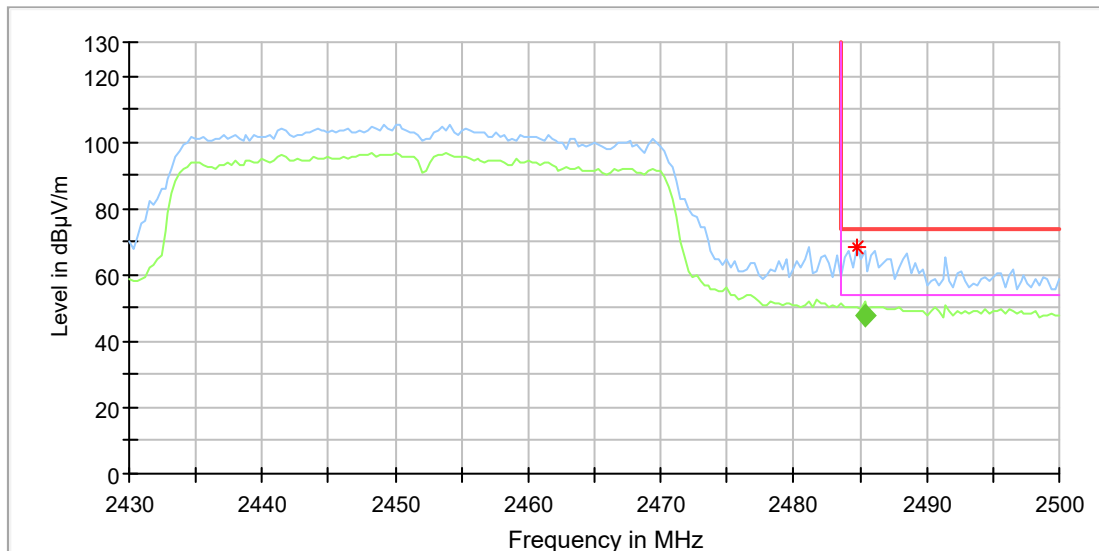
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.529412	---	48.05	54.00	5.95	100.0	V	0.0	7.0
2388.529412	62.18	---	74.00	11.82	100.0	V	0.0	7.0

Final_Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11n40_Ch9
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:52%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

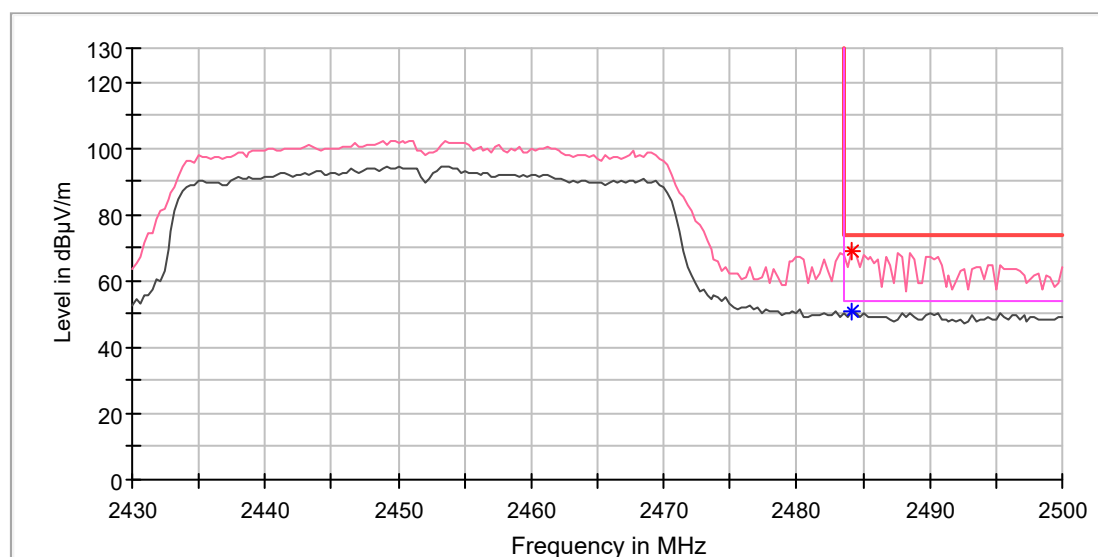
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.705882	68.02	---	74.00	5.98	100.0	H	233.0	7.4

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.293827	47.83	54.00	6.17	105.0	H	27.0	7.4

EUT Information

EUT Name:	WIFI+BT Module
Model:	WXT5EM2511
Test Mode:	WIFI 2.4G_11n40_Ch9
Order No/Sample No:	168451684/A003594964-001
Test Voltage:	DC 5V From USB
Remark:	Temp 22 Humi:52%
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)
2484.117647	69.14	---	74.00	4.86	100.0	V	127.0	7.4
2484.117647	---	50.85	54.00	3.15	100.0	V	127.0	7.4

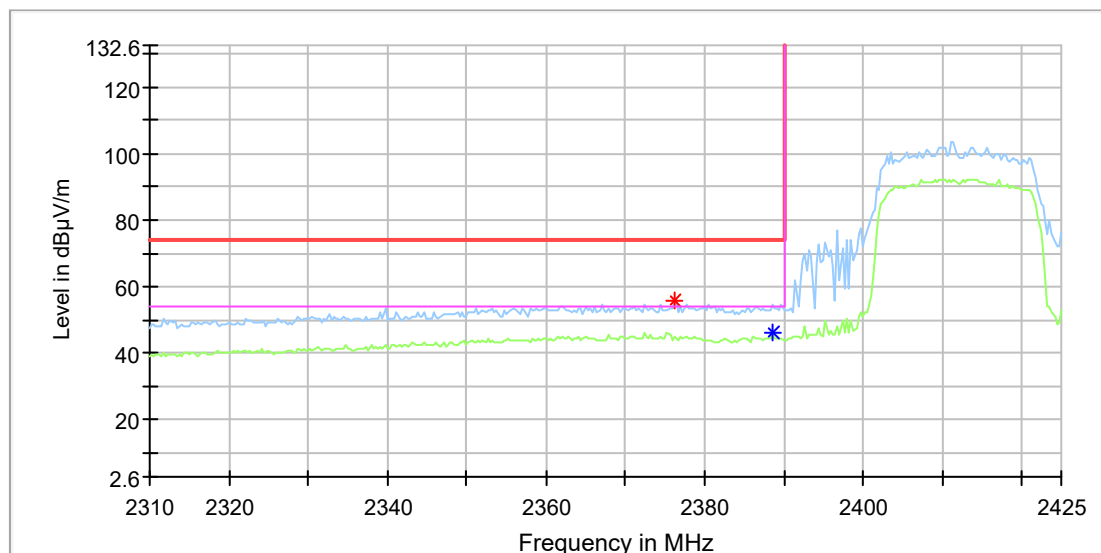
Final Result

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

Wi-Fi 802.11 ax(HE20) mode

EUT Information

EUT Name:	WIFI+BT Module
Model:	WXT5EM2511
Test Mode:	WIFI 2.4G_11ax20_Ch1
Order No/Sample No:	168451684/A003594964-001
Test Voltage:	DC 5V From USB
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

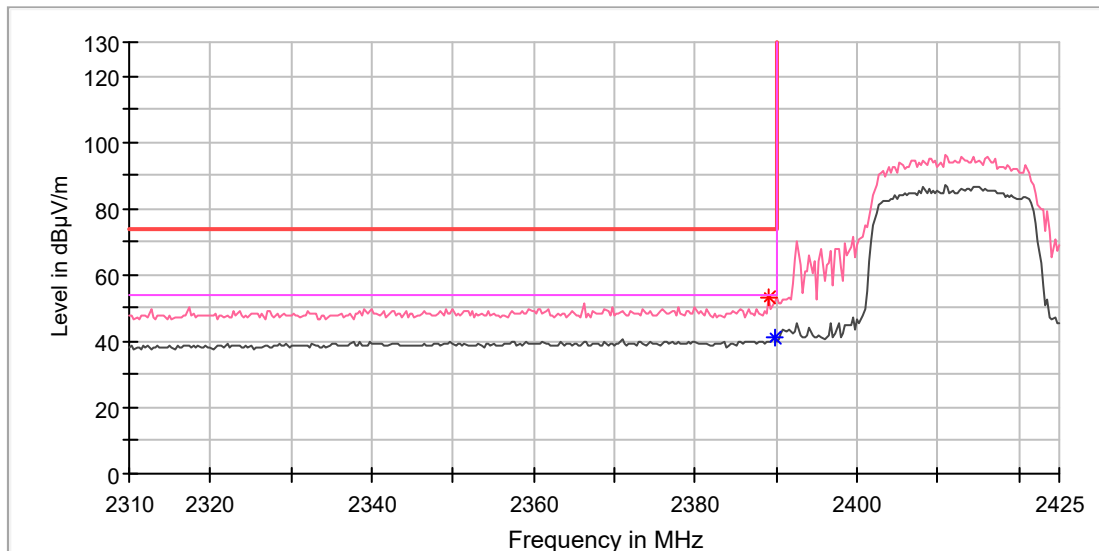
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2376.176471	55.60	---	74.00	18.40	100.0	H	6.0	6.9
2388.529412	---	45.90	54.00	8.10	100.0	H	12.0	7.0

Final Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11ax20_Ch1
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

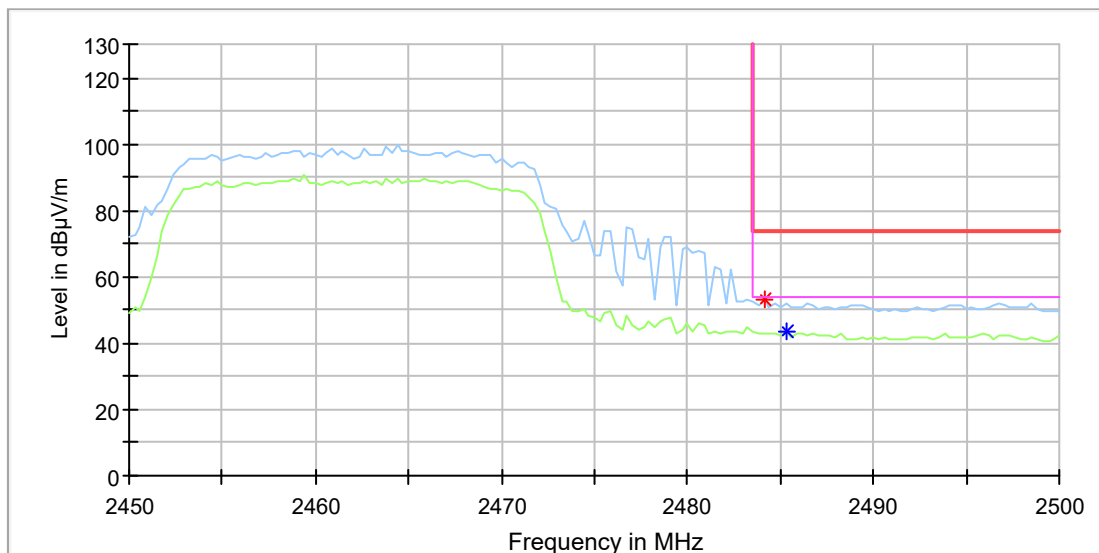
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.117647	53.01	---	74.00	20.99	100.0	V	278.0	7.0
2389.705882	---	41.38	54.00	12.62	100.0	V	243.0	7.0

Final_Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11ax20_Ch11
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

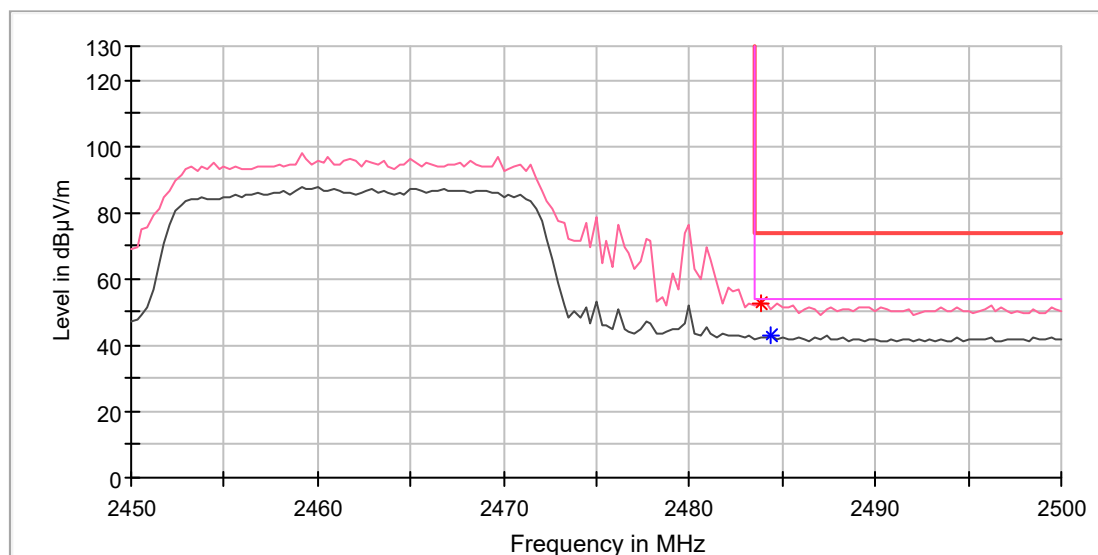
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.117647	53.29	---	74.00	20.71	100.0	H	30.0	7.4
2485.294118	---	43.71	54.00	10.29	100.0	H	21.0	7.4

Final_Result

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

EUT Information

EUT Name: WIFI+BT Module
 Model: WXT5EM2511
 Test Mode: WIFI 2.4G_11ax20_Ch11
 Order No/Sample No: 168451684/A003594964-001
 Test Voltage: DC 5V From USB
 Remark: Temp 24 Humi:50%
 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)
2483.823529	52.75	---	74.00	21.25	100.0	V	202.0	7.4
2484.411765	---	43.03	54.00	10.97	100.0	V	330.0	7.4

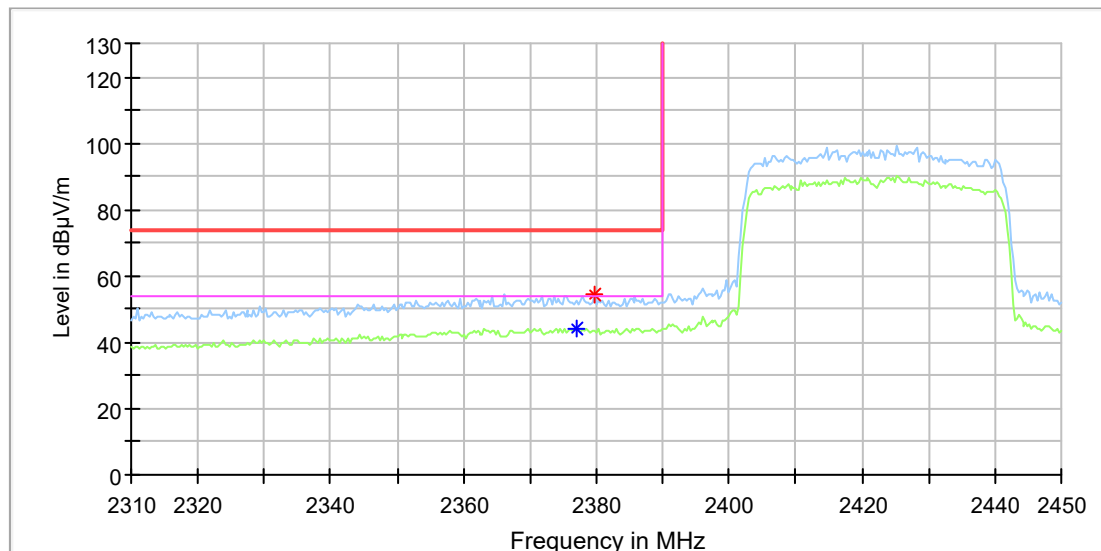
Final_Result

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

Wi-Fi 802.11 ax(HE40) mode

EUT Information

EUT Name:	WIFI+BT Module
Model:	WXT5EM2511
Test Mode:	WIFI 2.4G_11ax40_Ch3
Order No/Sample No:	168451684/A003594964-001
Test Voltage:	DC 5V From USB
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

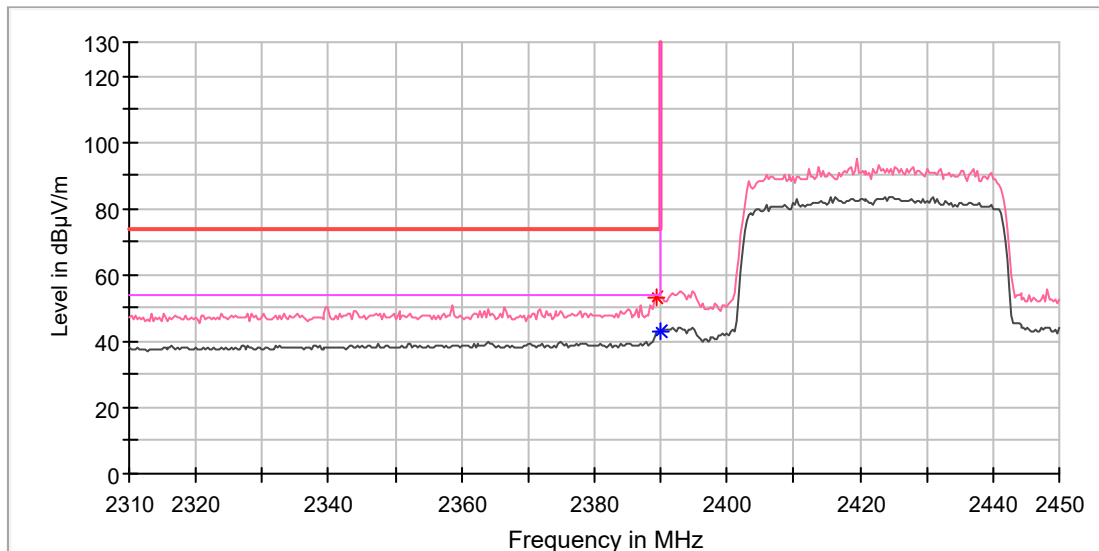
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2377.058824	---	44.37	54.00	9.63	100.0	H	34.0	6.9
2379.705882	54.25	---	74.00	19.75	100.0	H	0.0	7.0

Final Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11ax40_Ch3
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

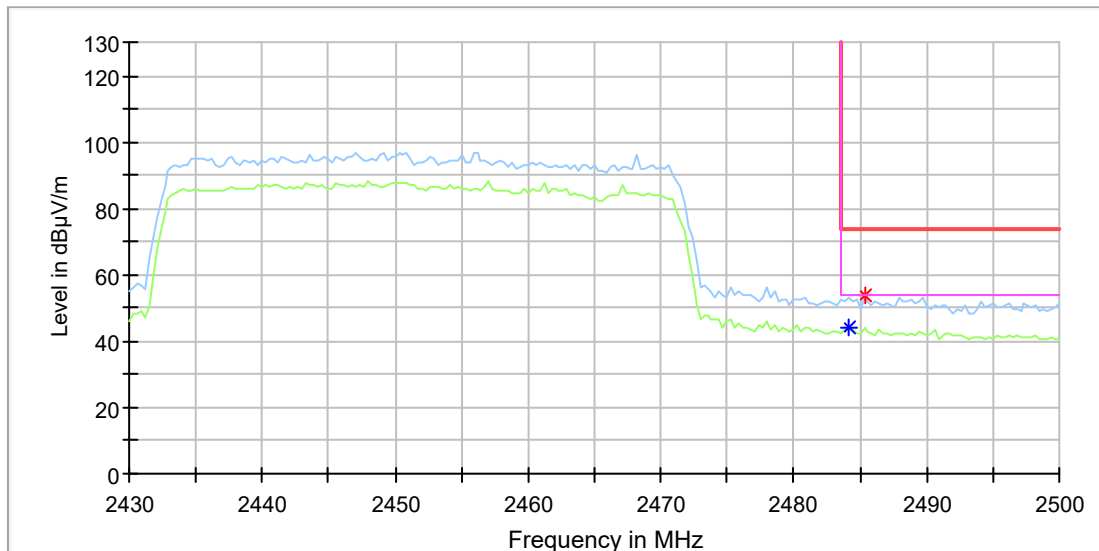
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.411765	53.48	---	74.00	20.52	100.0	V	268.0	7.0
2390.000000	---	43.19	54.00	10.81	100.0	V	261.0	7.0

Final Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11ax40_Ch9
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

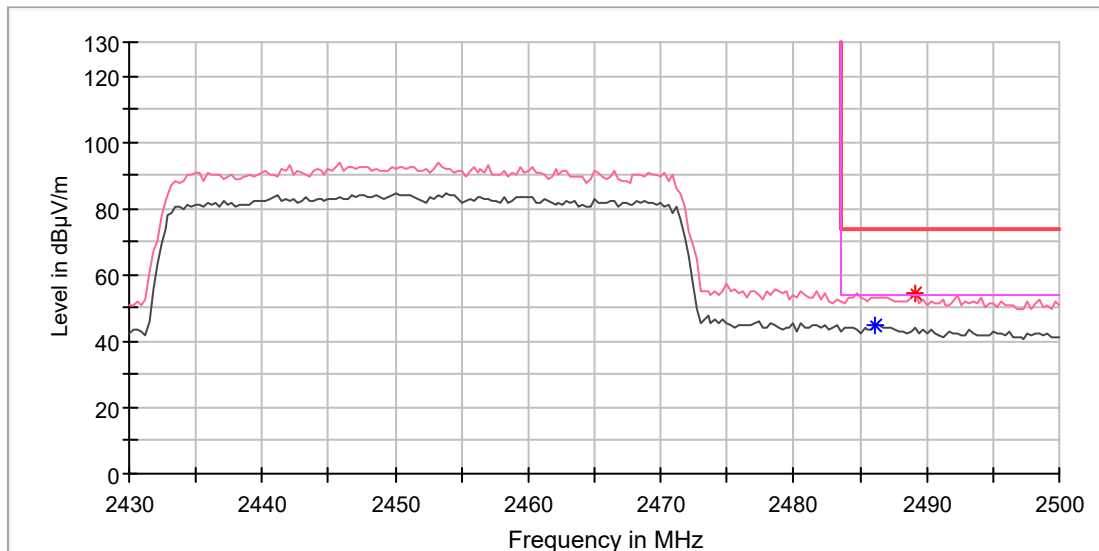
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.117647	---	44.19	54.00	9.81	100.0	H	17.0	7.4
2485.294118	53.54	---	74.00	20.46	100.0	H	30.0	7.4

Final_Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WXT5EM2511
Test Mode: WIFI 2.4G_11ax40_Ch9
Order No/Sample No: 168451684/A003594964-001
Test Voltage: DC 5V From USB
Remark: Temp 24 Humi:50%
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)
2486.176471	---	44.77	54.00	9.23	100.0	V	359.0	7.4
2489.117647	54.61	---	74.00	19.39	100.0	V	322.0	7.4

Final Result

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