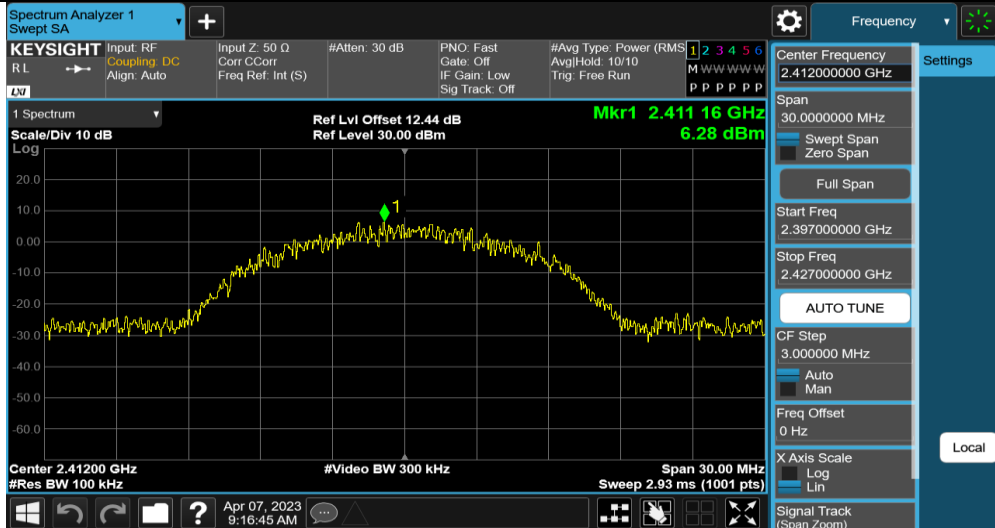


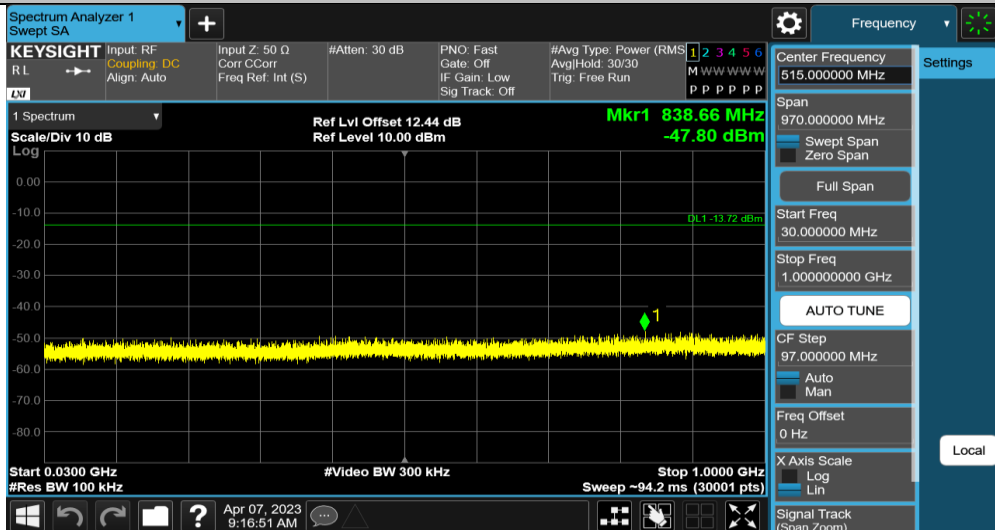
**Conducted Spurious Emission**

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.28	6.28	---	PASS
			30~1000	6.28	-47.8	≤-13.72	PASS
			1000~26500	6.28	-39.2	≤-13.72	PASS
		2437	Reference	7.24	7.24	---	PASS
			30~1000	7.24	-48.35	≤-12.76	PASS
			1000~26500	7.24	-39.24	≤-12.76	PASS
		2462	Reference	8.82	8.82	---	PASS
			30~1000	8.82	-47.5	≤-11.18	PASS
			1000~26500	8.82	-38.5	≤-11.18	PASS
11G	Ant1	2412	Reference	4.08	4.08	---	PASS
			30~1000	4.08	-47.33	≤-15.92	PASS
			1000~26500	4.08	-38.02	≤-15.92	PASS
		2437	Reference	3.29	3.29	---	PASS
			30~1000	3.29	-48.18	≤-16.71	PASS
			1000~26500	3.29	-38.23	≤-16.71	PASS
		2462	Reference	4.69	4.69	---	PASS
			30~1000	4.69	-47.46	≤-15.31	PASS
			1000~26500	4.69	-38.53	≤-15.31	PASS
11N20SISO	Ant1	2412	Reference	2.82	2.82	---	PASS
			30~1000	2.82	-46.8	≤-17.18	PASS
			1000~26500	2.82	-38.52	≤-17.18	PASS
		2437	Reference	2.81	2.81	---	PASS
			30~1000	2.81	-46.9	≤-17.19	PASS
			1000~26500	2.81	-38.69	≤-17.19	PASS
		2462	Reference	5.19	5.19	---	PASS
			30~1000	5.19	-47.27	≤-14.81	PASS
			1000~26500	5.19	-38.82	≤-14.81	PASS

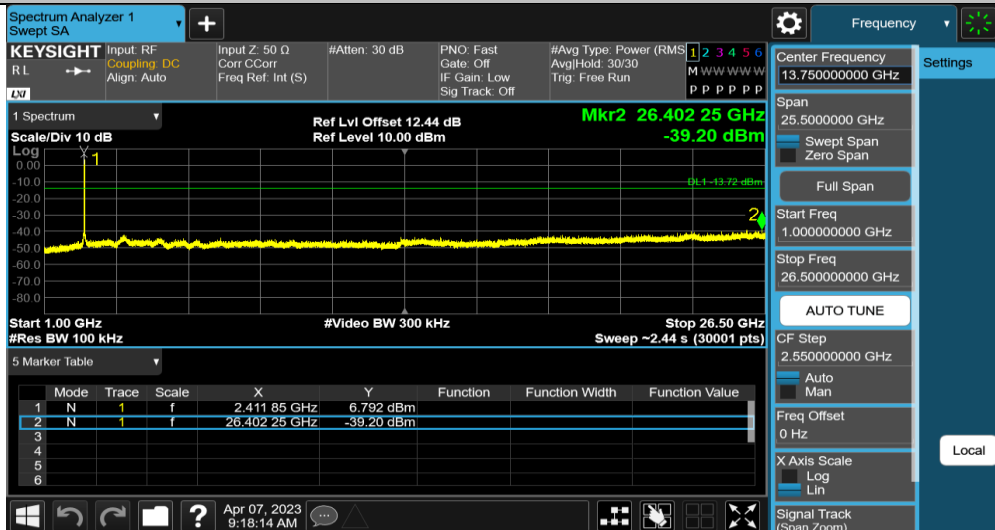
11B\_Ant1\_2412\_0~Reference



11B\_Ant1\_2412\_30~1000



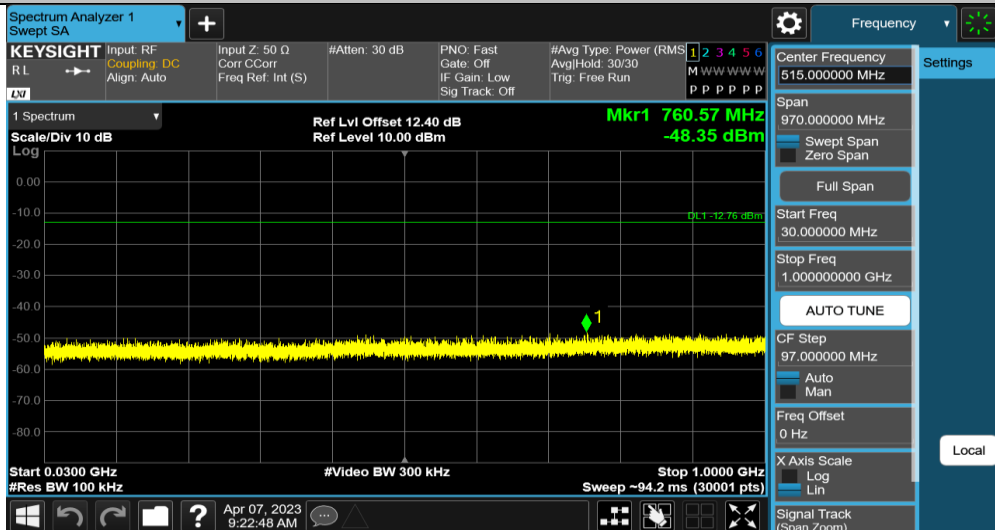
11B\_Ant1\_2412\_1000~26500



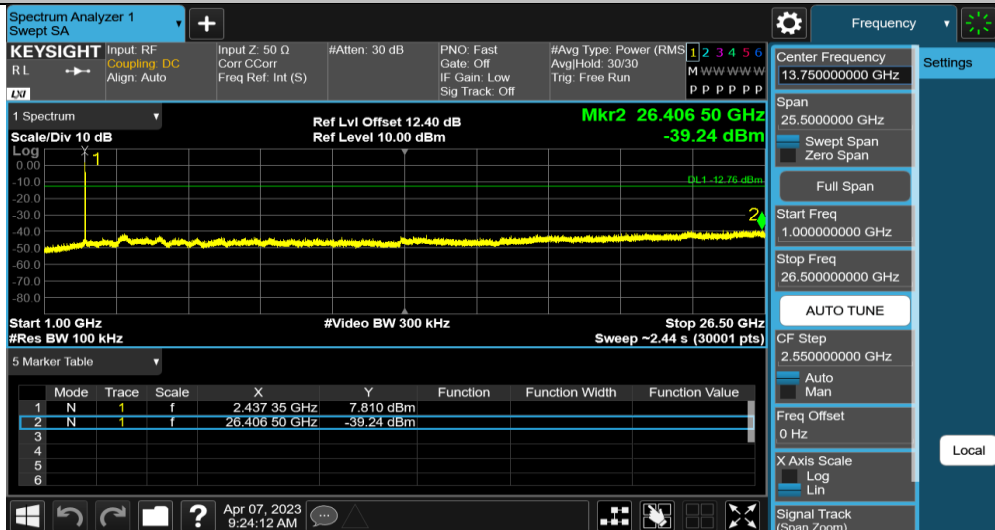
11B\_Ant1\_2437\_0~Reference



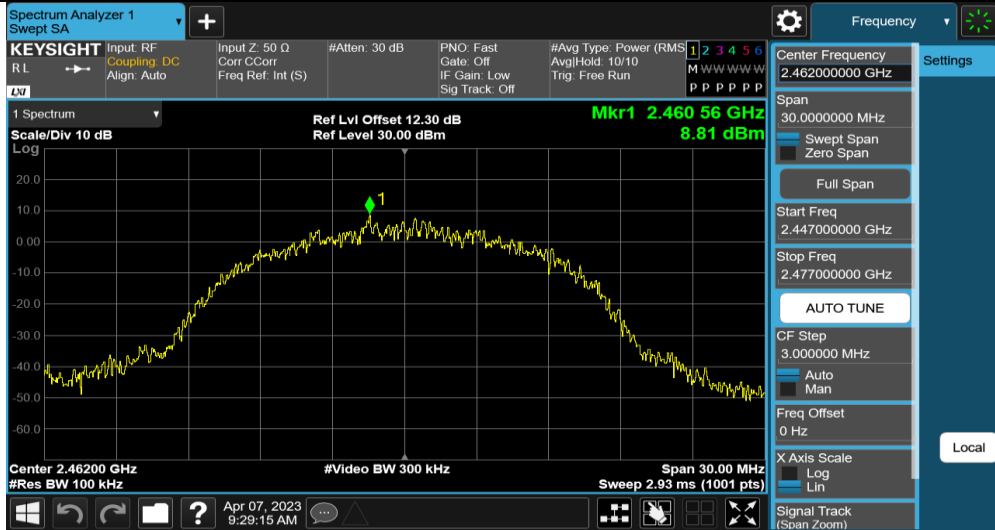
11B\_Ant1\_2437\_30~1000



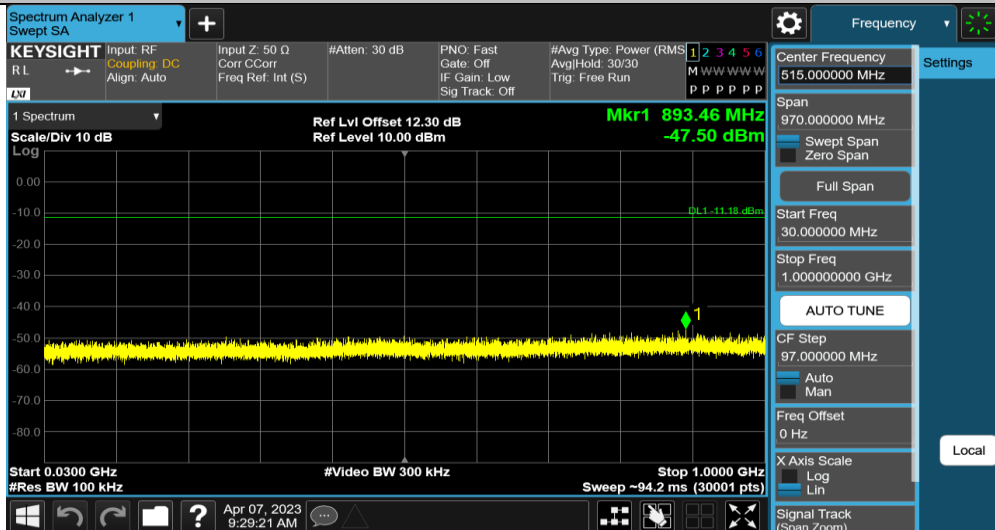
11B\_Ant1\_2437\_1000~26500



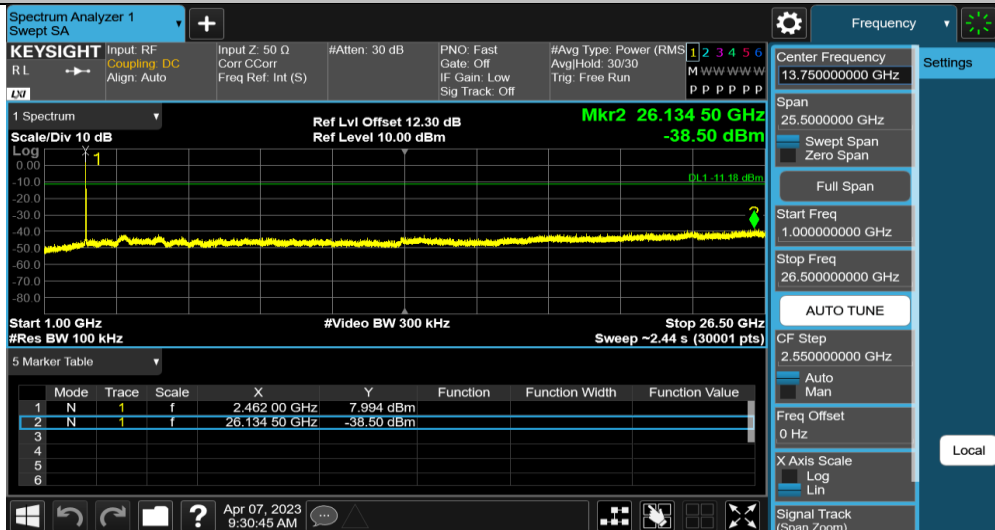
11B\_Ant1\_2462\_0~Reference



11B\_Ant1\_2462\_30~1000



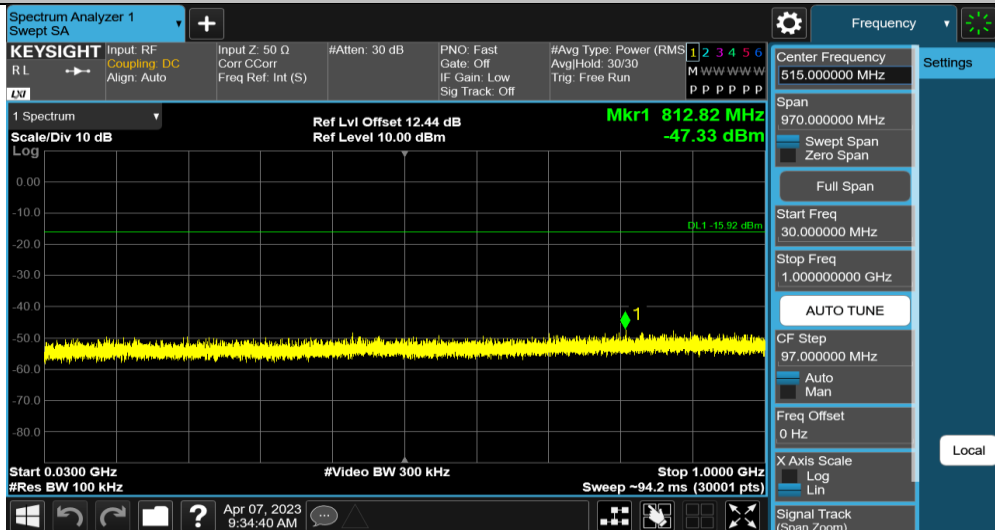
11B\_Ant1\_2462\_1000~26500



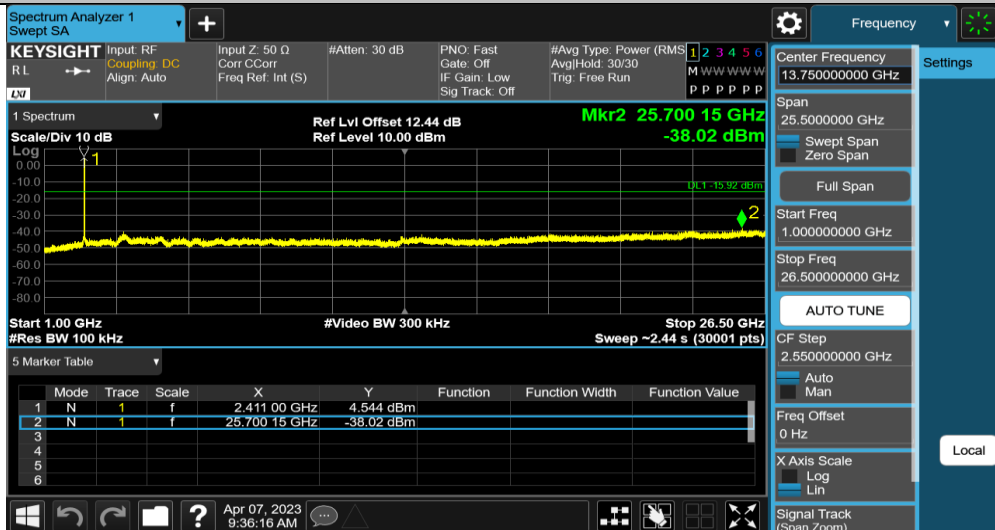
11G\_Ant1\_2412\_0-Reference



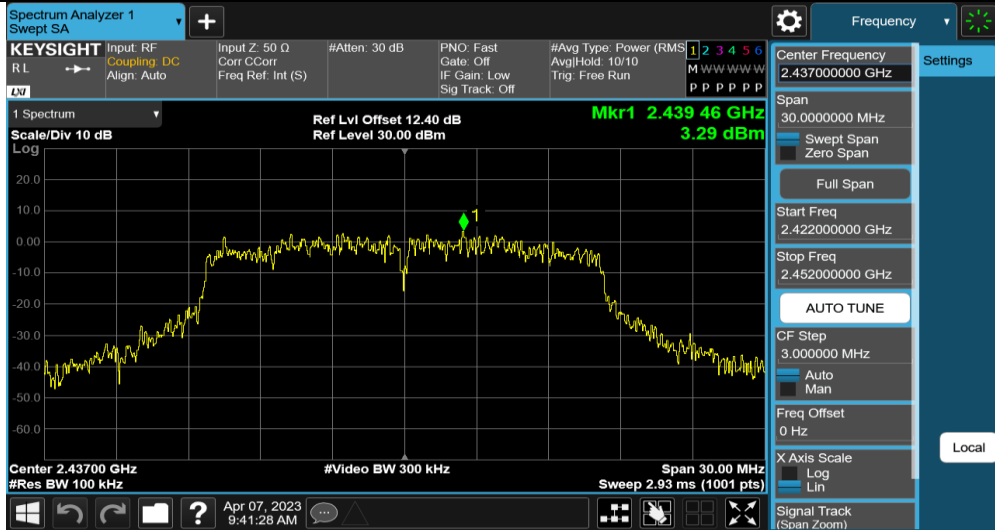
11G\_Ant1\_2412\_30-1000



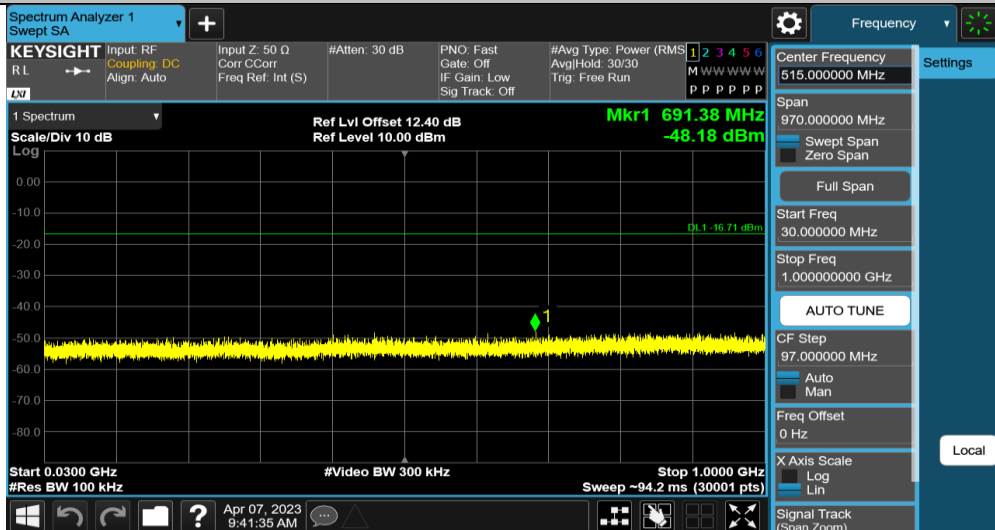
11G\_Ant1\_2412\_1000-26500



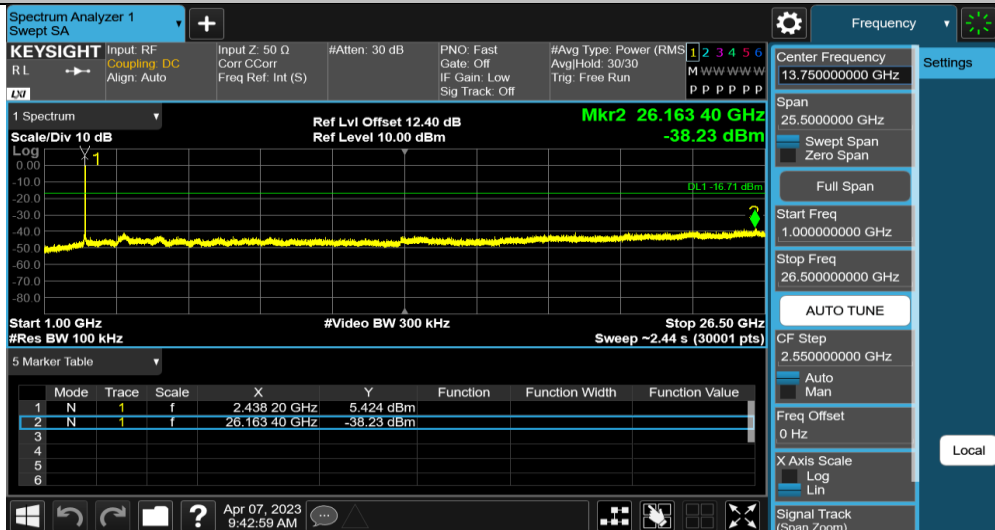
11G\_Ant1\_2437\_0-Reference



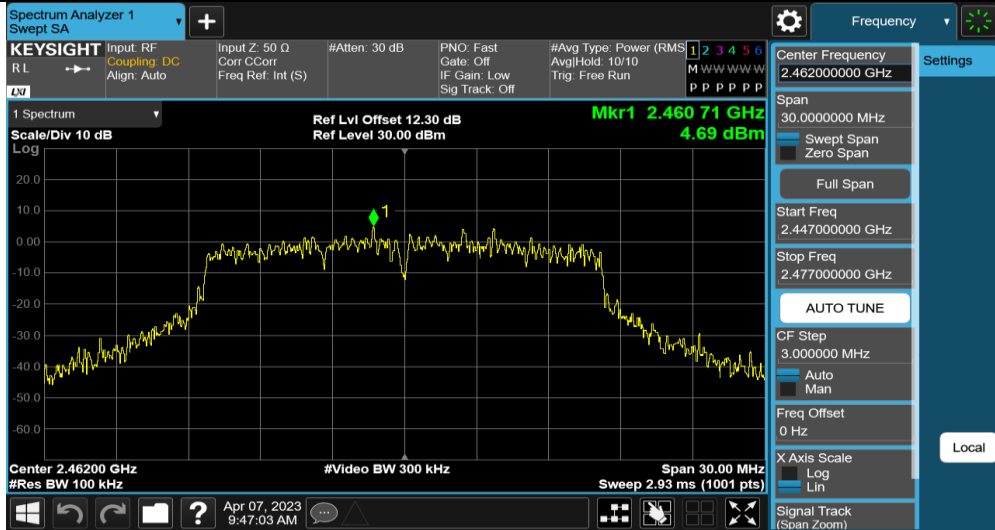
11G\_Ant1\_2437\_30-1000



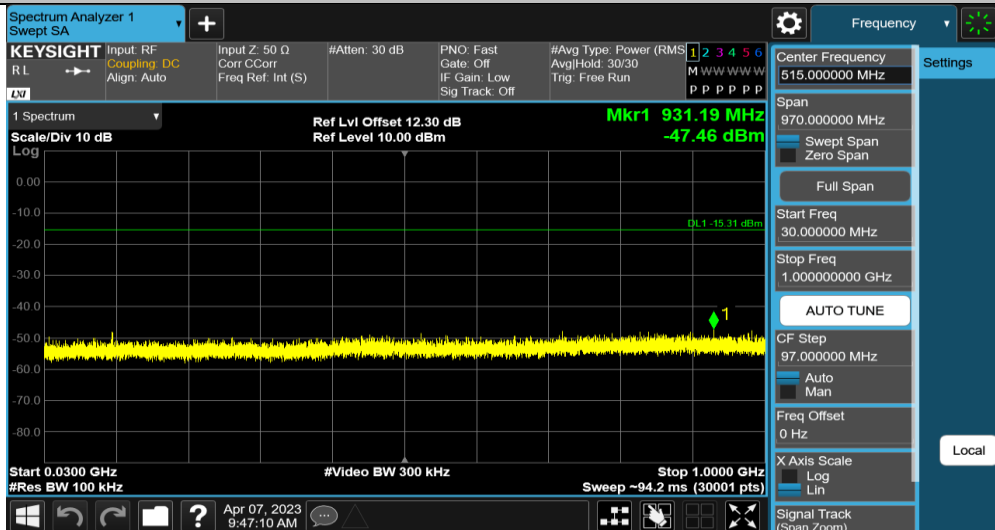
11G\_Ant1\_2437\_1000-26500



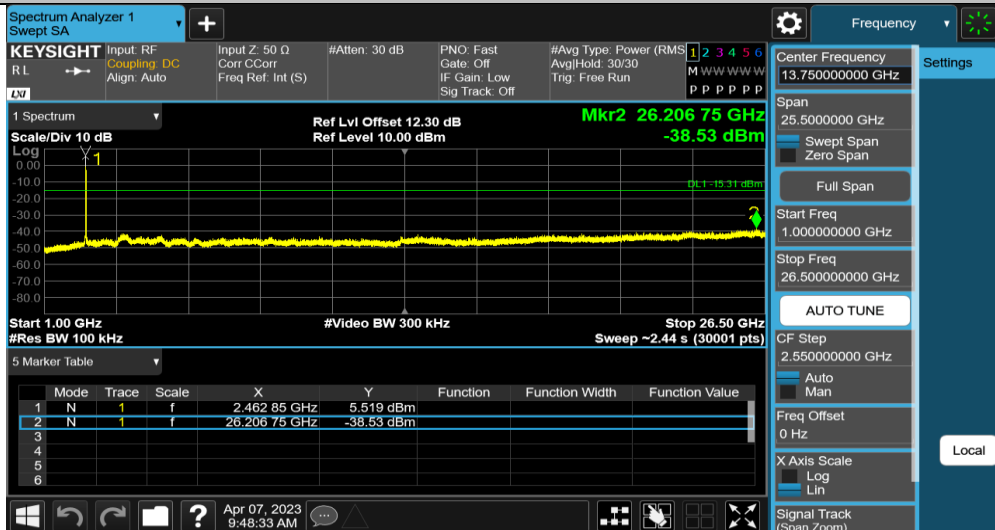
11G\_Ant1\_2462\_0-Reference



11G\_Ant1\_2462\_30-1000

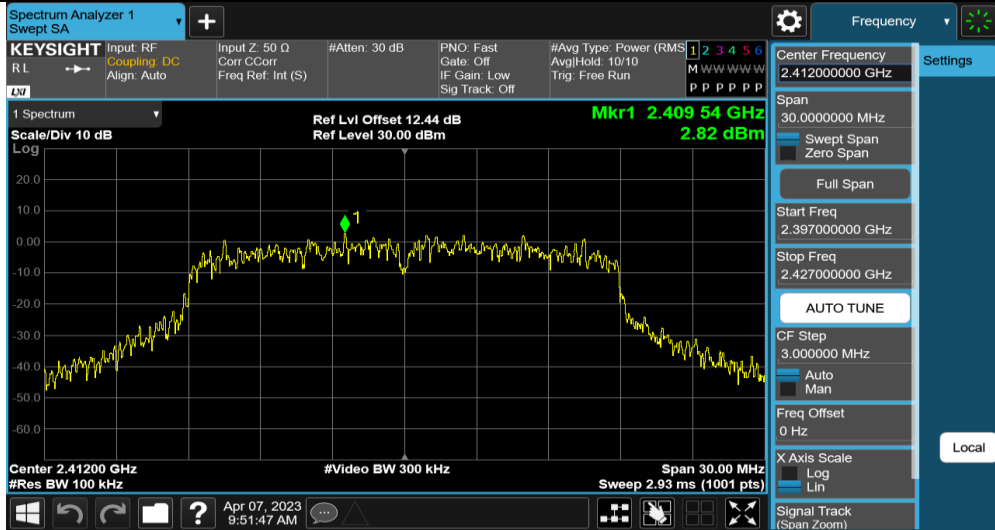


11G\_Ant1\_2462\_1000-26500

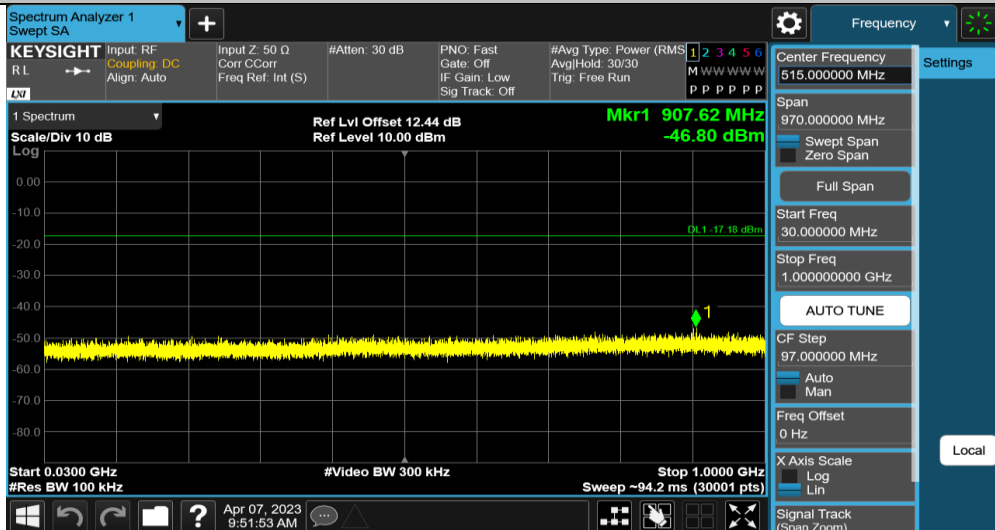




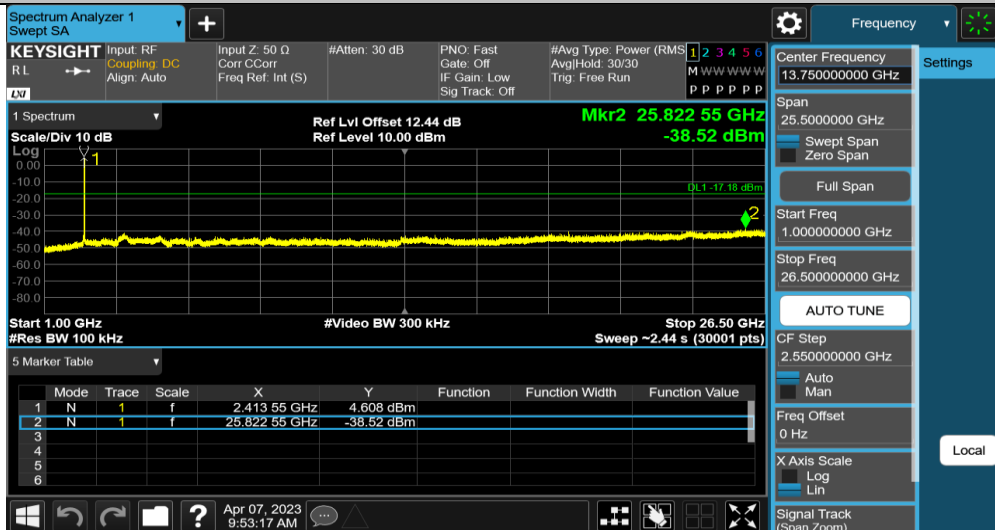
11N20SISO\_Ant1\_2412\_0~Reference



11N20SISO\_Ant1\_2412\_30~1000

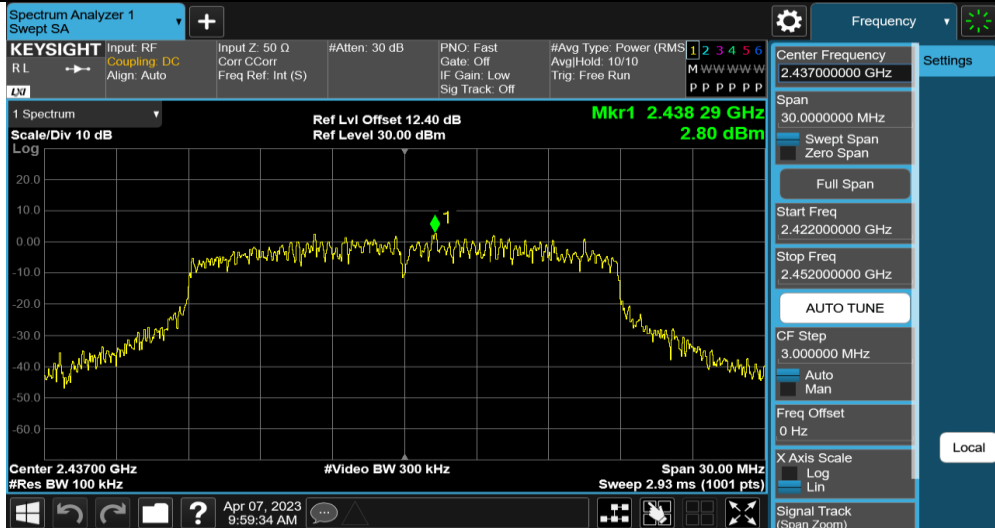


11N20SISO\_Ant1\_2412\_1000~26500

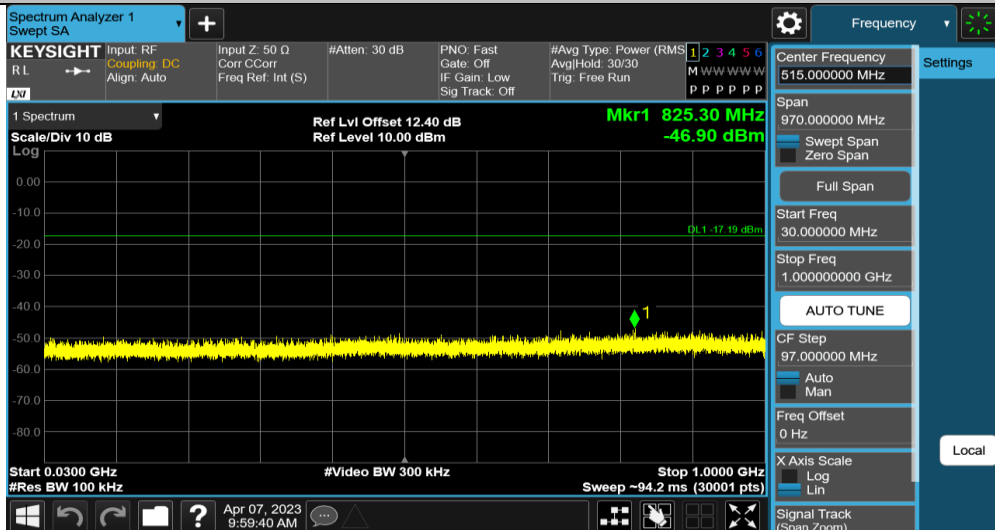




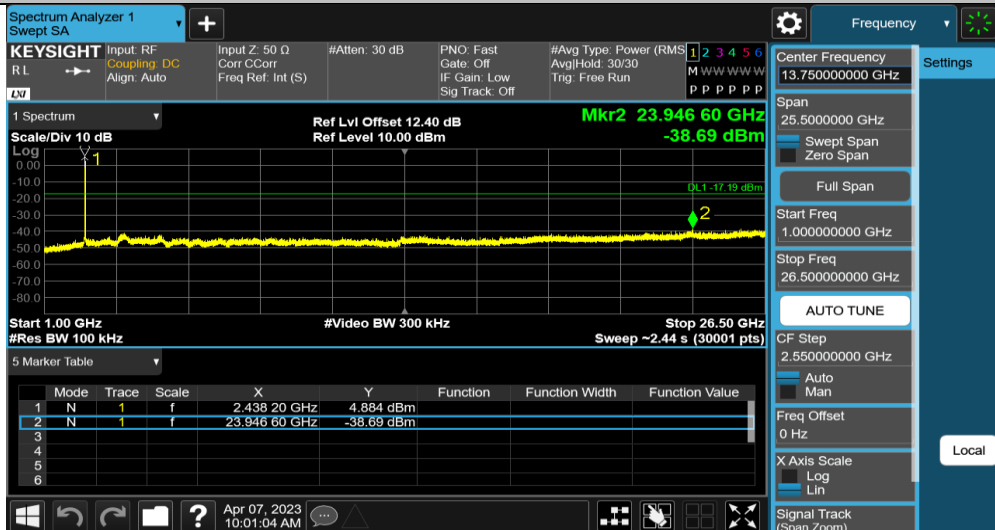
11N20SISO\_Ant1\_2437\_0~Reference



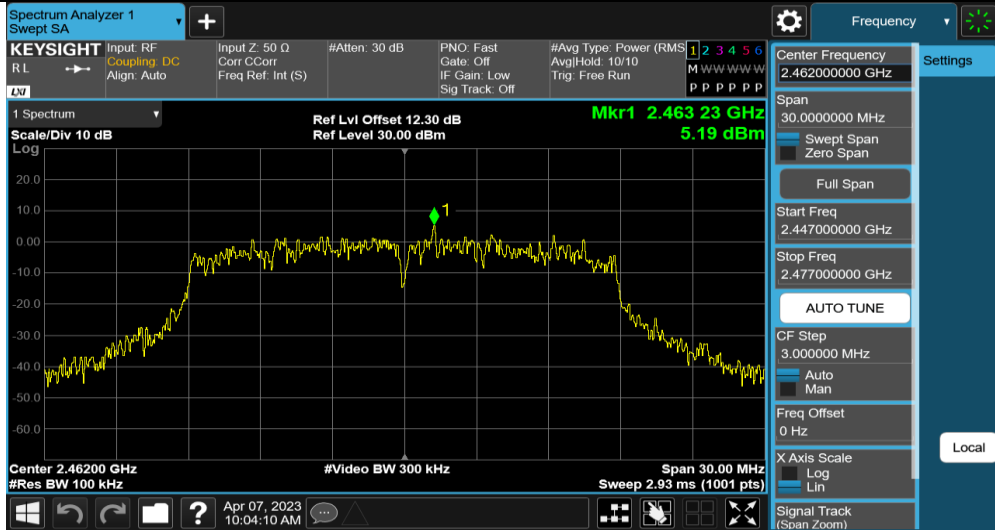
11N20SISO\_Ant1\_2437\_30~1000



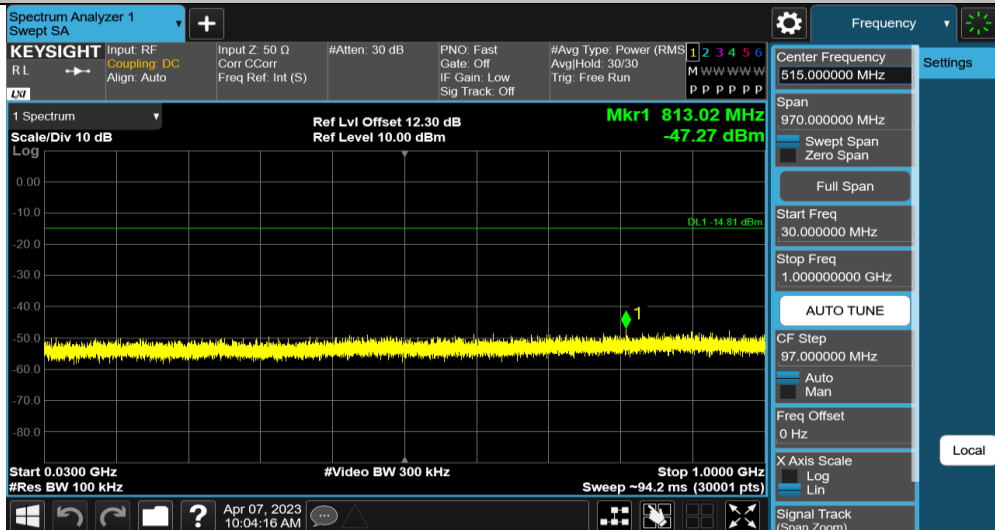
11N20SISO\_Ant1\_2437\_1000~26500



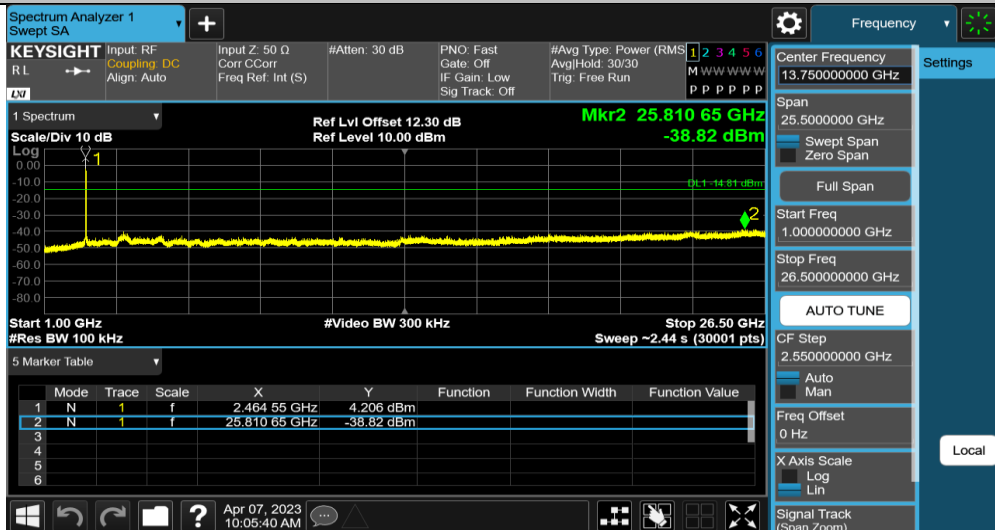
11N20SISO\_Ant1\_2462\_0~Reference



11N20SISO\_Ant1\_2462\_30~1000



11N20SISO\_Ant1\_2462\_1000~26500



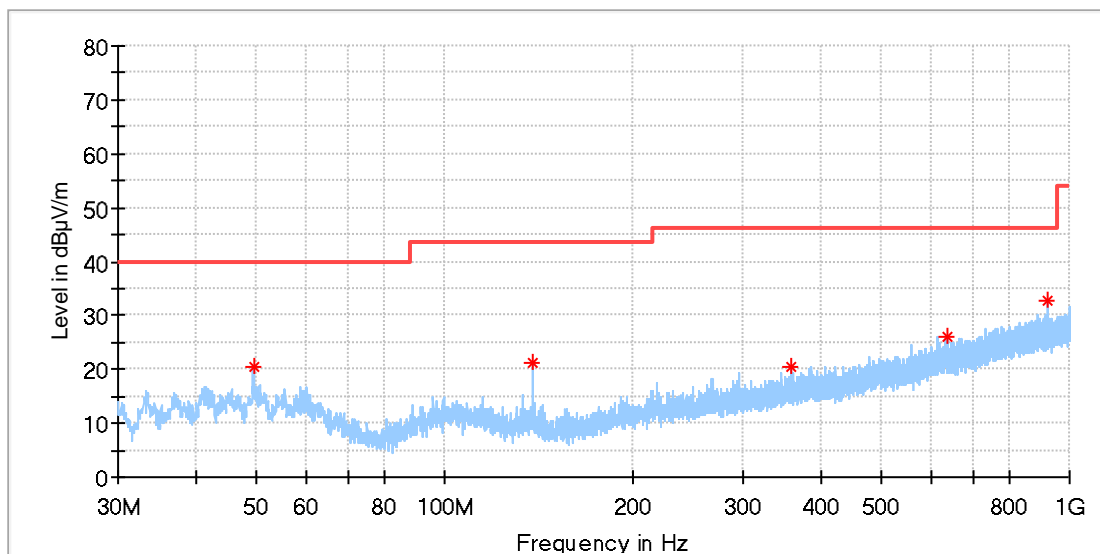
## Appendix B.5: Test Results of Radiated Spurious Emissions

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

### 30MHz - 1GHz (Worst case)

### EUT Information

EUT Name:	2.4G WIFI-BLE Module
Model:	TBAP6212
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168417780/A003436718-001
Test Voltage:	DC 3.3V
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

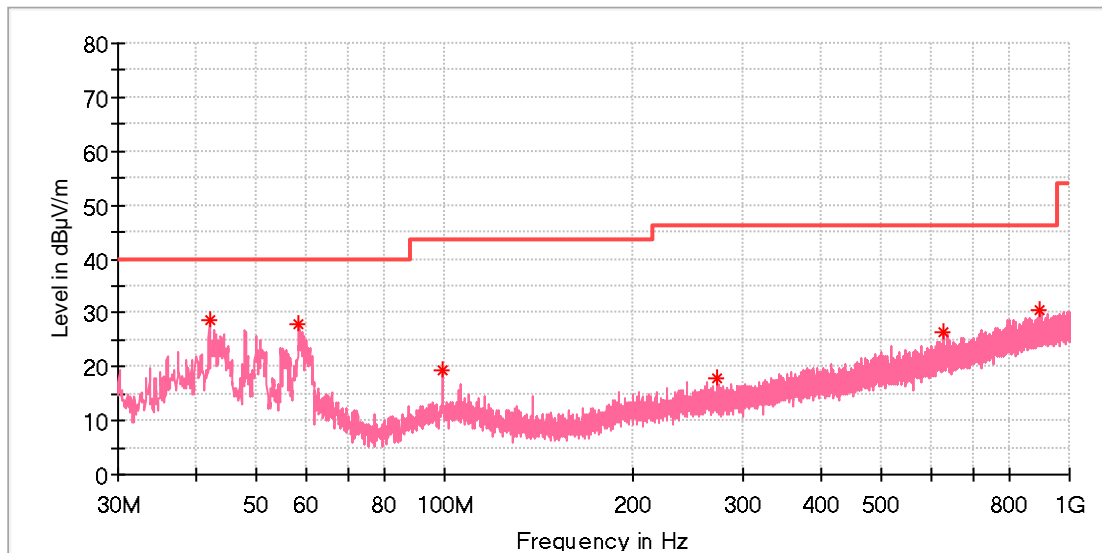
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.400000	20.51	40.00	19.49	100.0	H	322.0	-18.3
138.640000	21.04	43.50	22.46	100.0	H	267.0	-22.2
359.363500	20.45	46.00	25.55	100.0	H	75.0	-14.6
639.693500	26.17	46.00	19.83	100.0	H	315.0	-9.3
924.049000	32.61	46.00	13.39	100.0	H	355.0	-4.8

### Final Result

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

### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11b\_Ch6  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
42.028000	28.80	40.00	11.20	100.0	V	242.0	-19.6
58.421000	27.75	40.00	12.25	100.0	V	10.0	-18.8
99.015500	19.52	43.50	23.98	100.0	V	326.0	-19.1
272.015000	17.79	46.00	28.21	100.0	V	340.0	-16.9
626.841000	26.58	46.00	19.42	100.0	V	61.0	-9.4
895.919000	30.42	46.00	15.58	100.0	V	271.0	-5.0

### Final\_Result

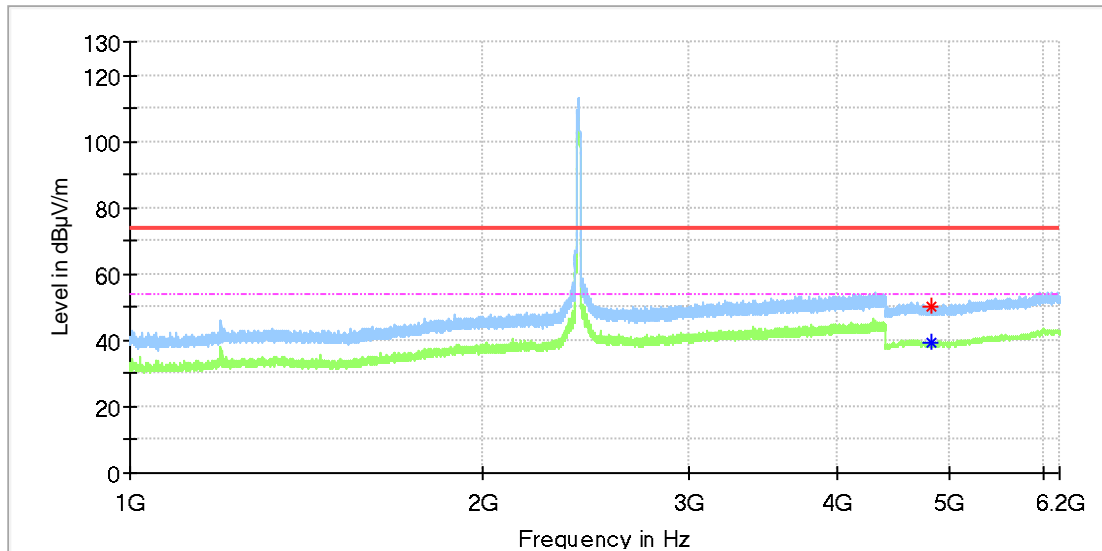
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

**1GHz - 18GHz**

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

**EUT Information**

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11b\_Ch1  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



**Critical\_Freqs**

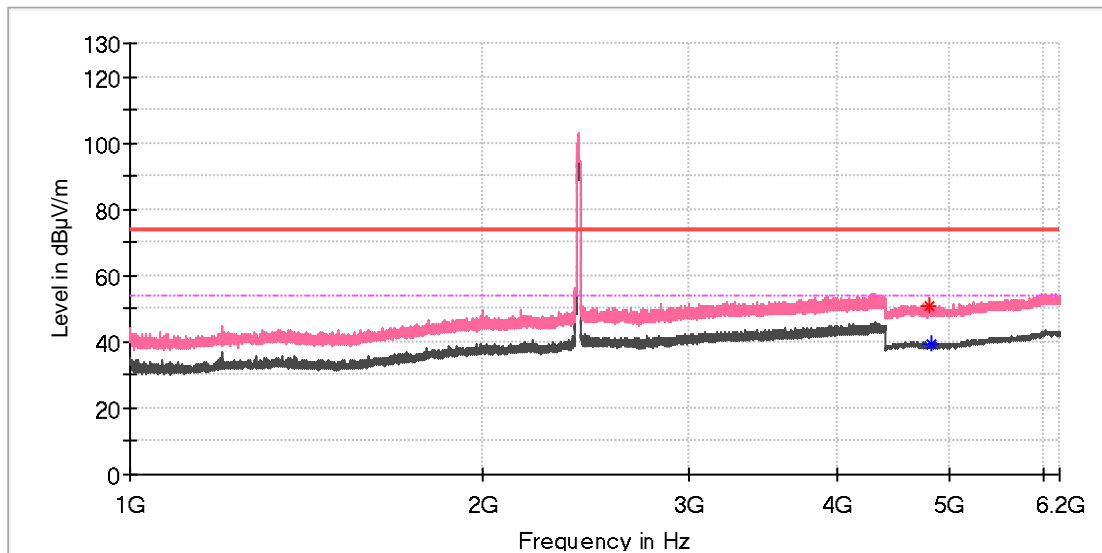
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4816.000000	50.02	---	74.00	23.98	100.0	H	22.0	11.8
4820.500000	---	39.59	54.00	14.41	100.0	H	121.0	11.8

**Final\_Result**

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

### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11b\_Ch1  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

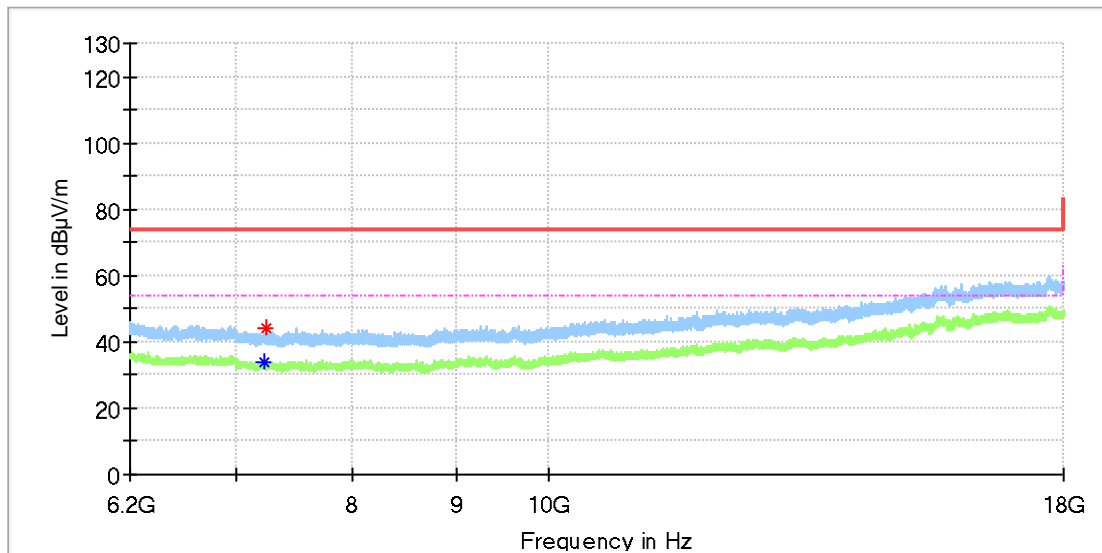
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4809.500000	50.72	---	74.00	23.28	100.0	V	133.0	11.8
4811.500000	---	39.46	54.00	14.54	100.0	V	195.0	11.8

### Final\_Result

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

### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11b\_Ch1  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 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)
7230.533333	---	33.90	54.00	20.10	100.0	H	135.0	8.6
7243.316667	43.88	---	74.00	30.12	100.0	H	269.0	8.6

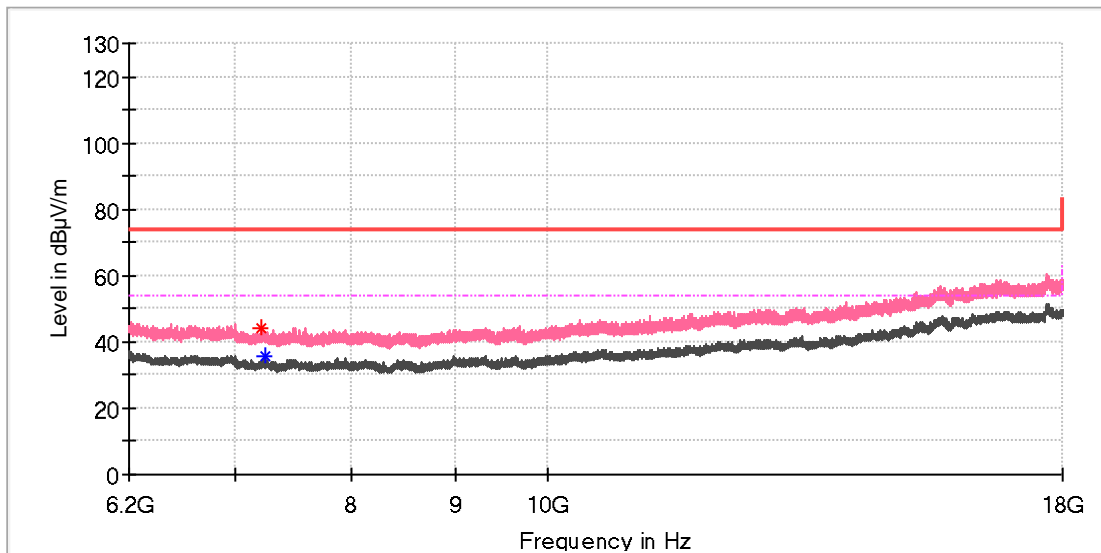
### Final\_Result

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



### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11b\_Ch1  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

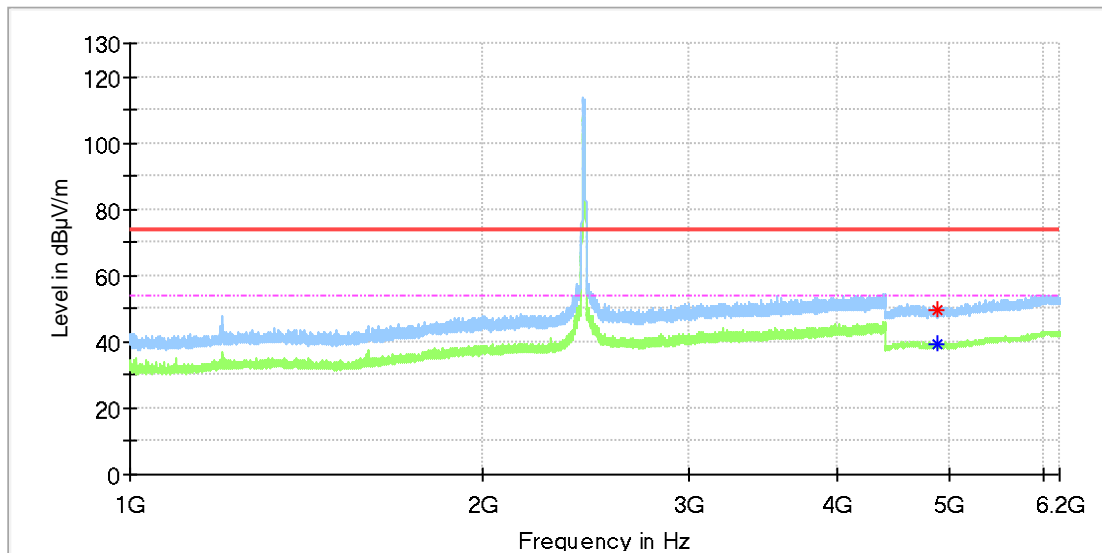
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7212.833333	44.10	---	74.00	29.90	100.0	V	343.0	8.7
7235.941667	---	35.73	54.00	18.27	100.0	V	120.0	8.6

### Final\_Result

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

### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11b\_Ch6  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

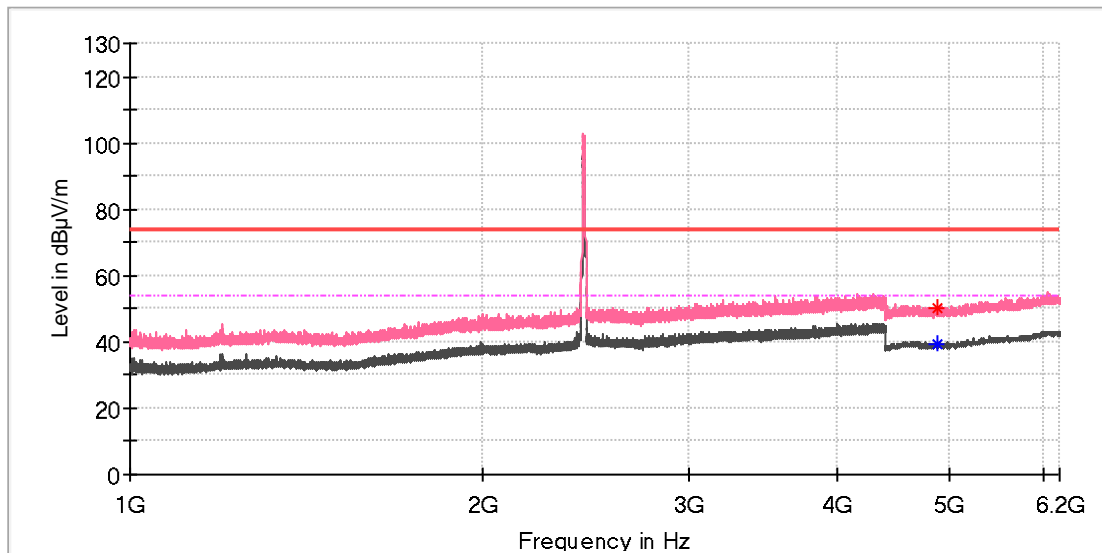
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4871.500000	---	39.55	54.00	14.45	100.0	H	197.0	11.8
4874.000000	49.82	---	74.00	24.18	100.0	H	6.0	11.8

### Final\_Result

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

### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11b\_Ch6  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

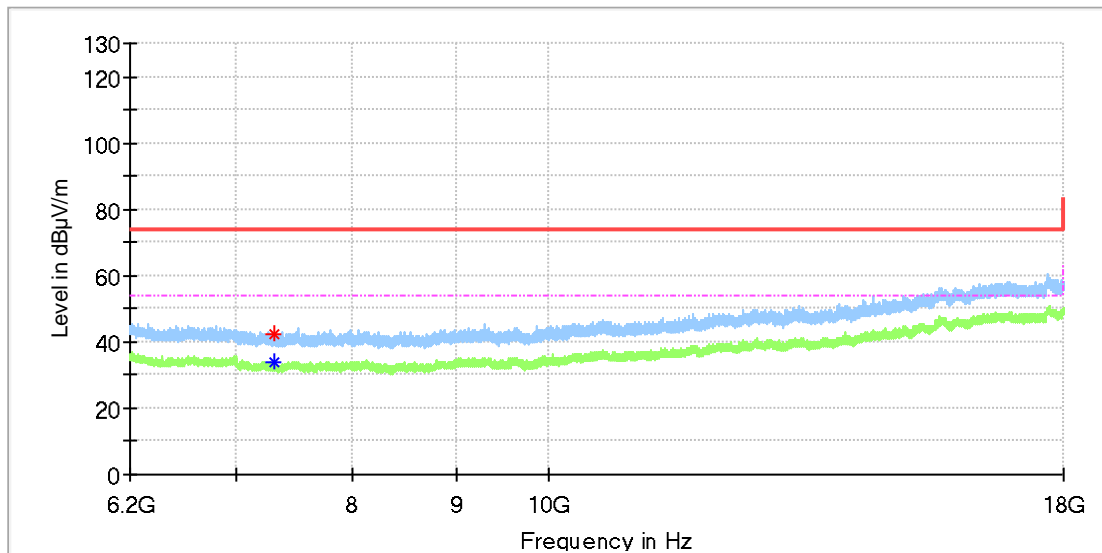
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4870.500000	---	39.32	54.00	14.68	100.0	V	78.0	11.8
4874.000000	50.30	---	74.00	23.70	100.0	V	72.0	11.8

### Final\_Result

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

### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11b\_Ch6  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

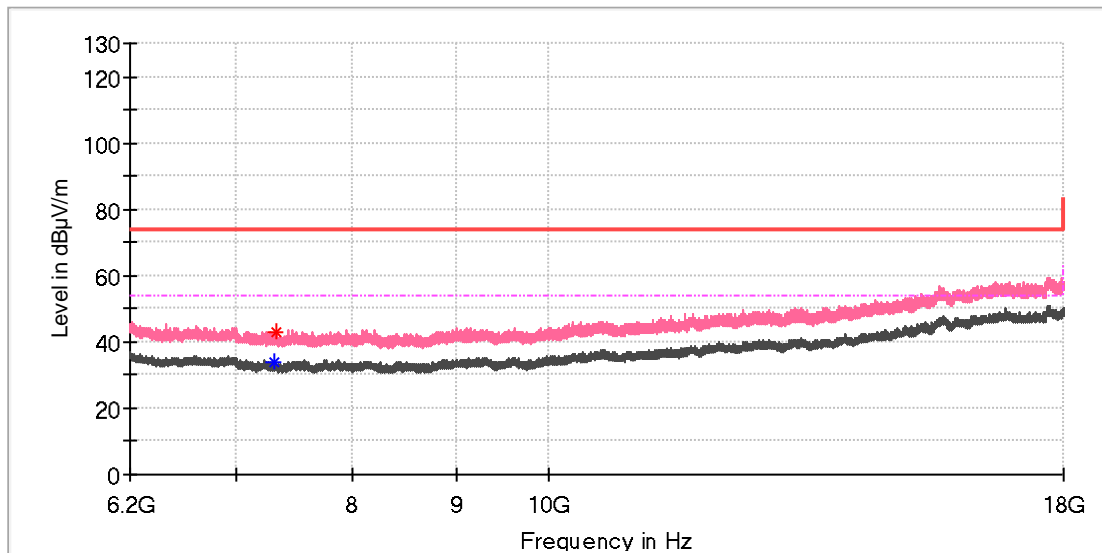
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7305.266667	42.15	---	74.00	31.85	100.0	H	139.0	8.3
7310.675000	---	33.95	54.00	20.05	100.0	H	31.0	8.2

### Final\_Result

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

### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11b\_Ch6  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

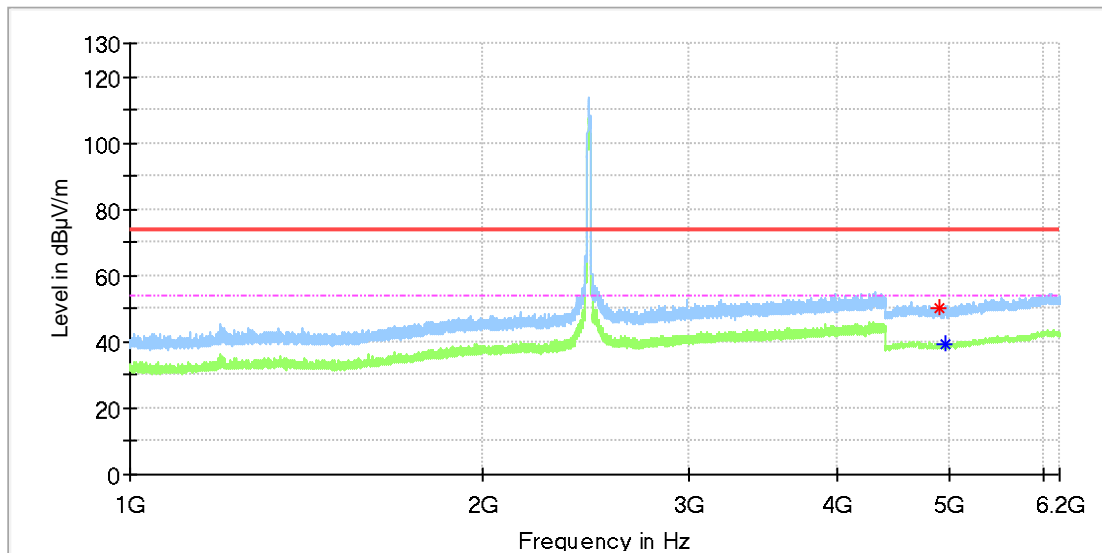
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7305.758333	---	33.57	54.00	20.43	100.0	V	319.0	8.3
7320.016667	42.72	---	74.00	31.28	100.0	V	211.0	8.2

### Final\_Result

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

### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11b\_Ch11  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

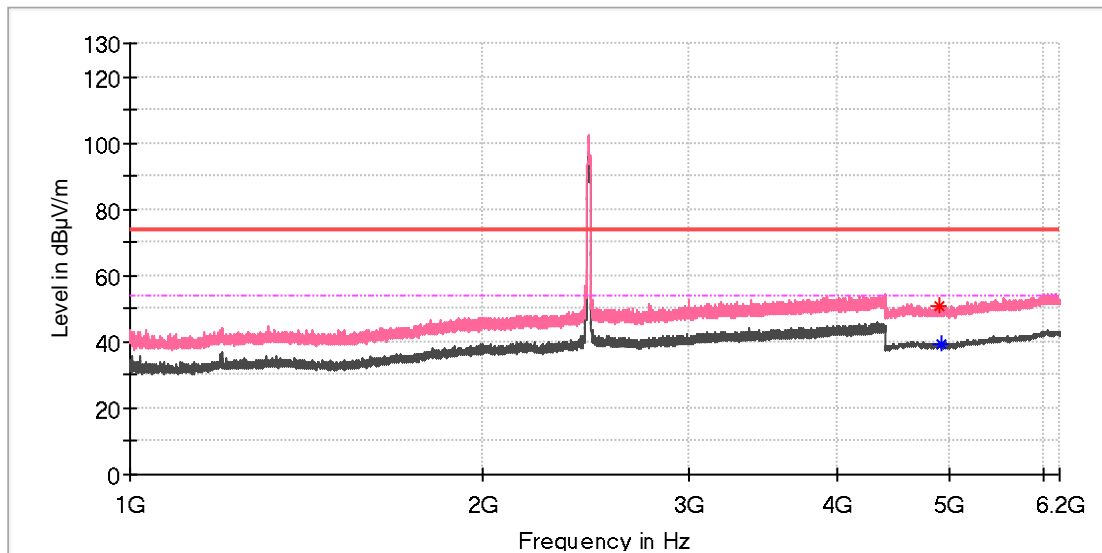
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4901.000000	50.31	---	74.00	23.69	100.0	H	237.0	11.8
4948.000000	---	39.23	54.00	14.77	100.0	H	256.0	11.8

### Final\_Result

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

### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11b\_Ch11  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 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)
4905.000000	50.52	---	74.00	23.48	100.0	V	259.0	11.8
4922.000000	---	39.34	54.00	14.66	100.0	V	90.0	11.8

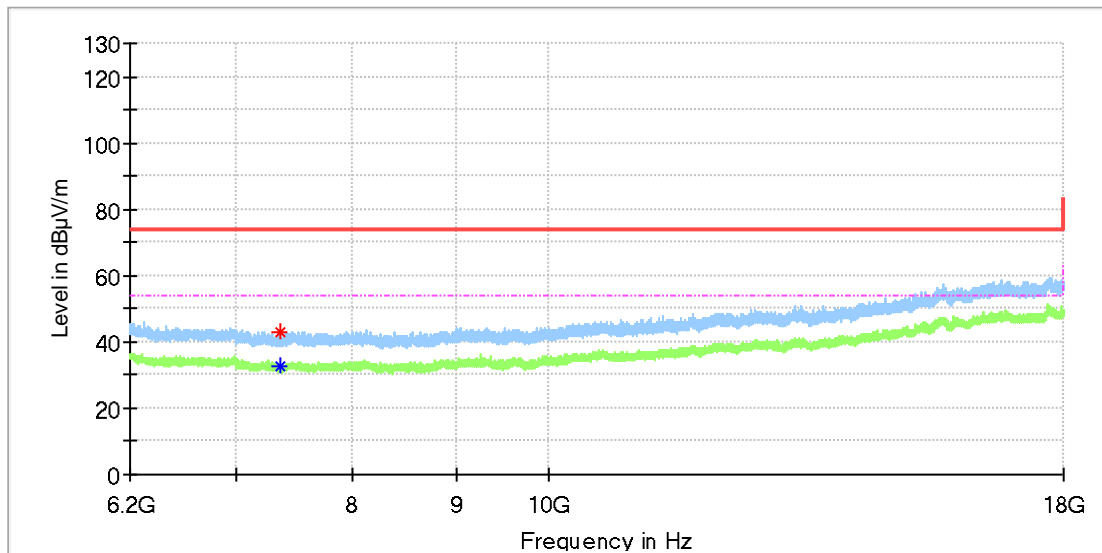
### Final\_Result

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



### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11b\_Ch11  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

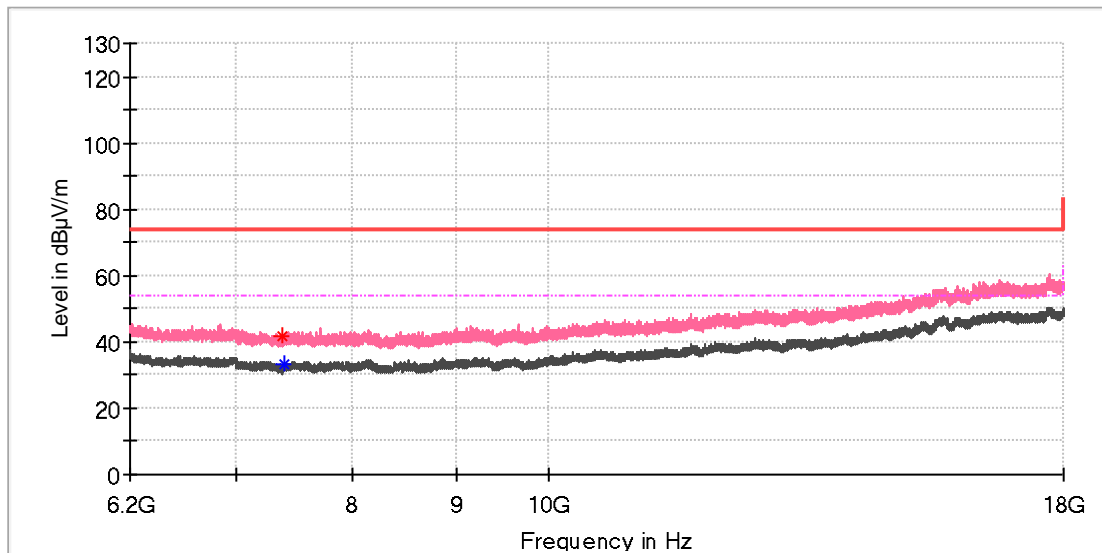
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7359.350000	---	32.76	54.00	21.24	100.0	H	171.0	8.1
7365.741667	43.15	---	74.00	30.85	100.0	H	122.0	8.2

### Final\_Result

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

### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11b\_Ch11  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

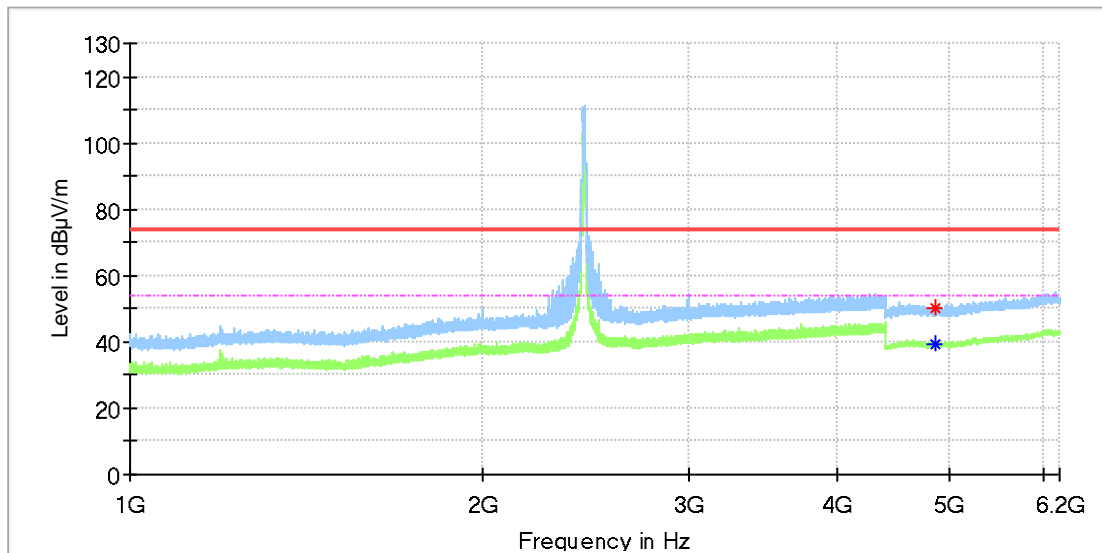
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7377.541667	41.72	---	74.00	32.28	100.0	V	135.0	8.2
7400.158333	---	33.29	54.00	20.71	100.0	V	97.0	8.3

### Final\_Result

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

### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11g\_Ch6  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

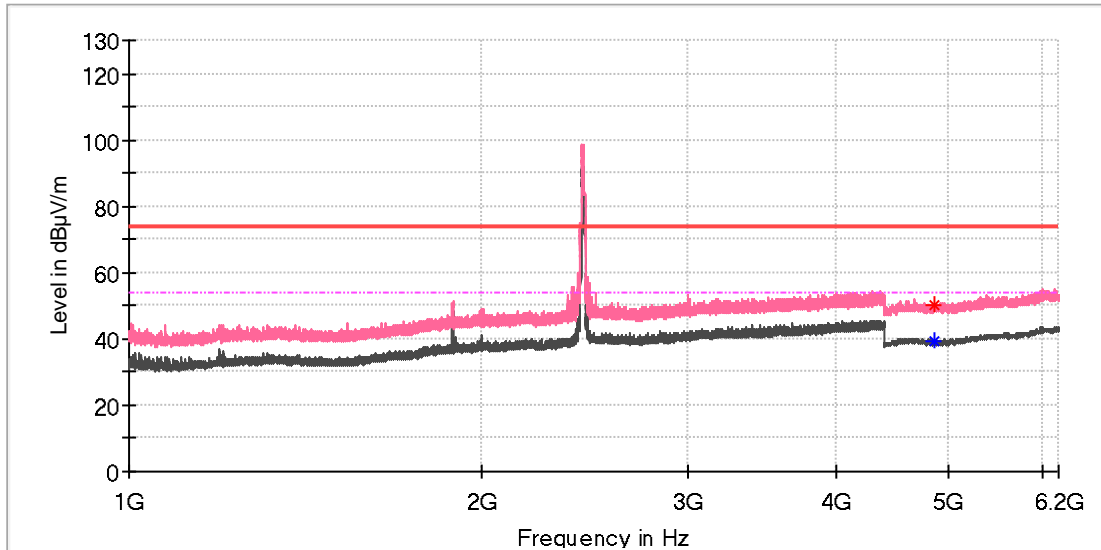
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4861.500000	---	39.59	54.00	14.41	100.0	H	158.0	11.8
4864.500000	50.23	---	74.00	23.77	100.0	H	119.0	11.8

### Final\_Result

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

### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11g\_Ch6  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

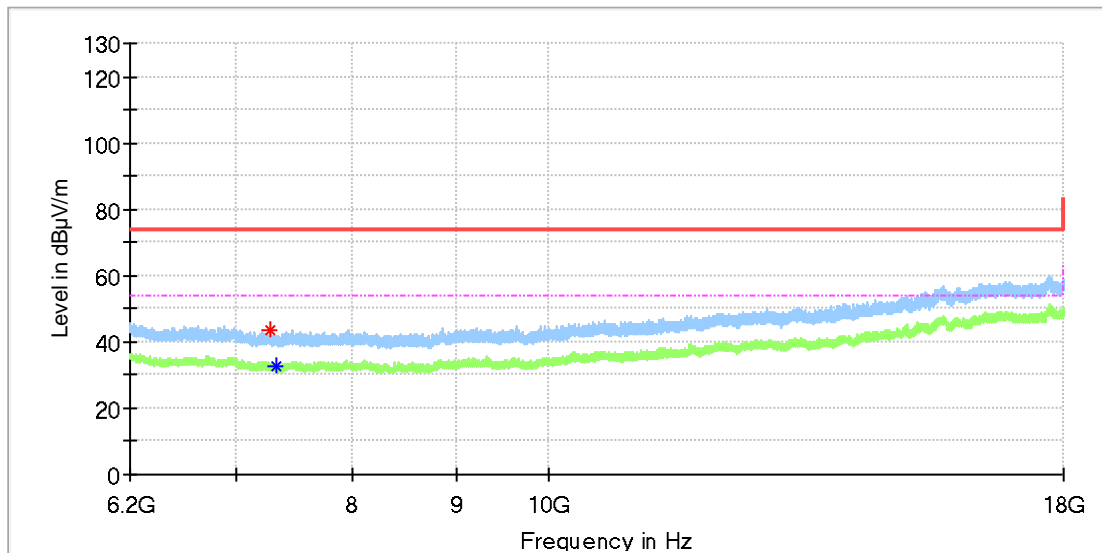
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4853.000000	50.41	---	74.00	23.59	100.0	V	274.0	11.8
4861.500000	---	39.23	54.00	14.77	100.0	V	101.0	11.8

### Final\_Result

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

### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11g\_Ch6  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

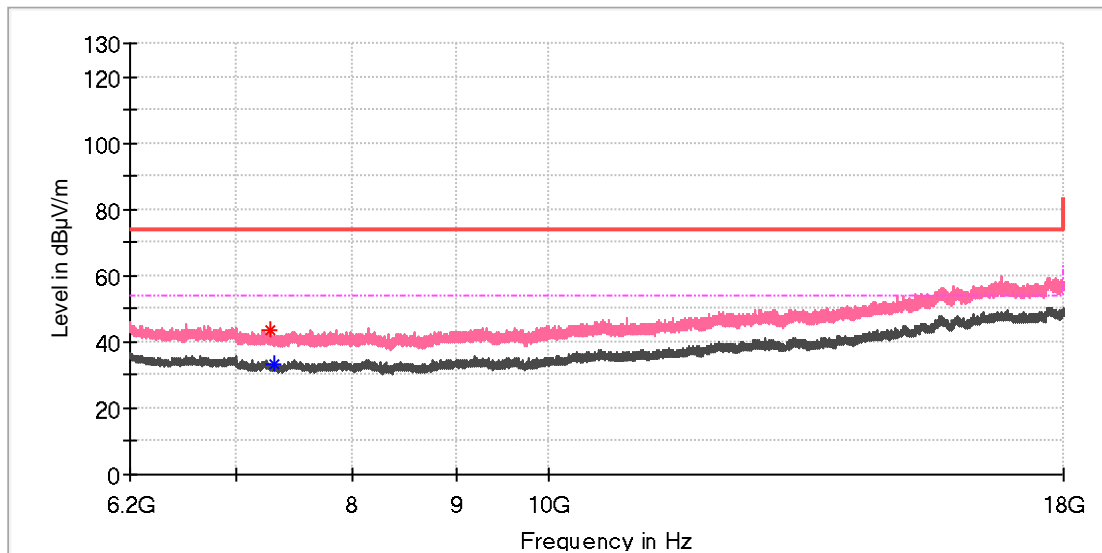
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7279.700000	43.41	---	74.00	30.59	100.0	H	16.0	8.4
7324.933333	---	32.89	54.00	21.11	100.0	H	27.0	8.2

### Final\_Result

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

### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11g\_Ch6  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

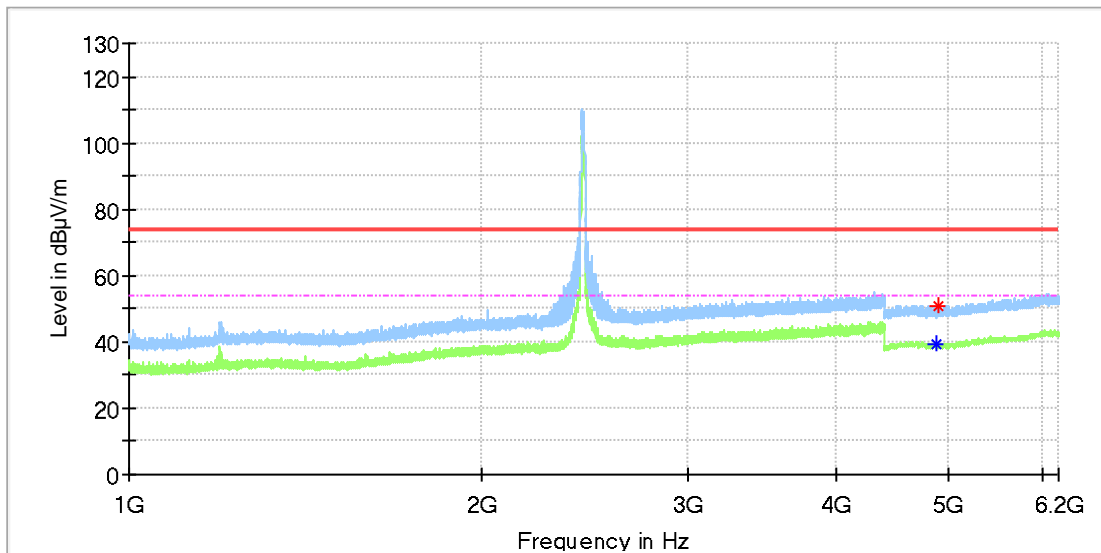
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7273.800000	43.56	---	74.00	30.44	100.0	V	152.0	8.4
7316.083333	---	33.20	54.00	20.80	100.0	V	264.0	8.2

### Final\_Result

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

### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11n20\_Ch6  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 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)
4870.000000	---	39.24	54.00	14.76	100.0	H	346.0	11.8
4896.500000	50.98	---	74.00	23.02	100.0	H	193.0	11.8

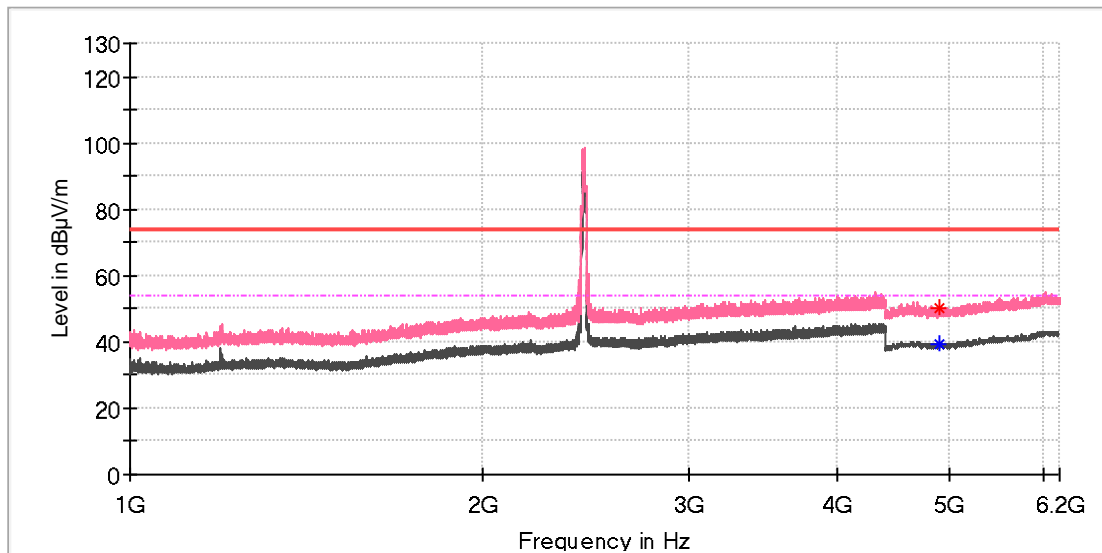
### Final\_Result

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



### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11n20\_Ch6  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

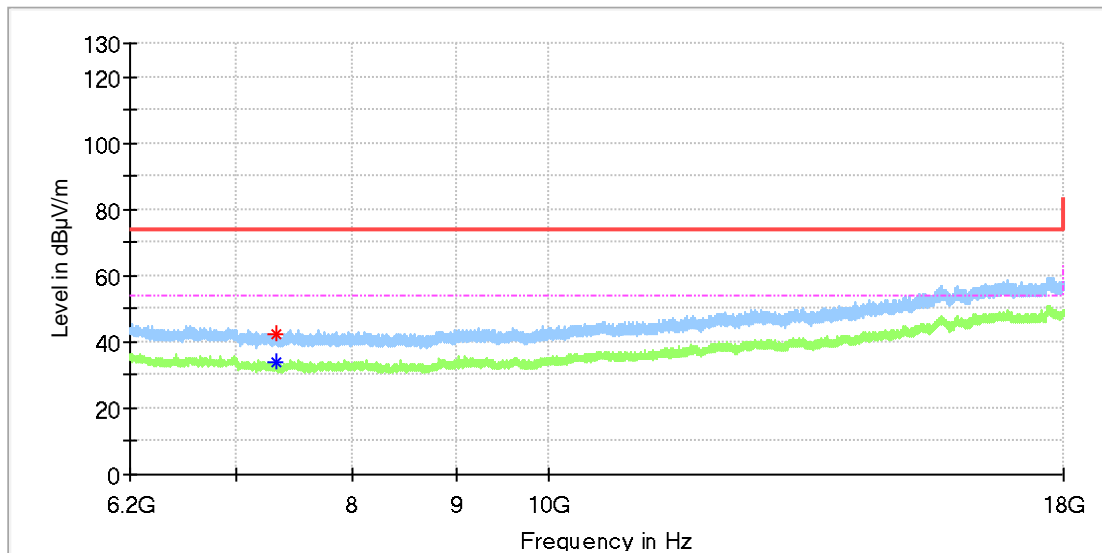
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4894.000000	50.15	---	74.00	23.85	100.0	V	329.0	11.8
4896.000000	---	39.57	54.00	14.43	100.0	V	241.0	11.8

### Final\_Result

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

### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11n20\_Ch6  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

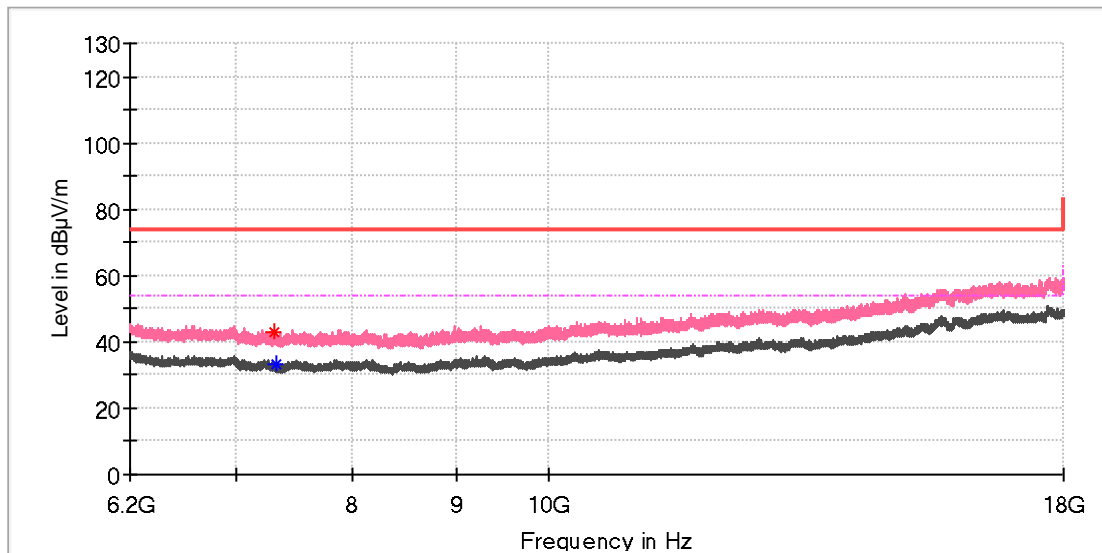
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7326.900000	---	33.82	54.00	20.18	100.0	H	162.0	8.1
7333.291667	42.22	---	74.00	31.78	100.0	H	22.0	8.1

### Final\_Result

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

### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11n20\_Ch6  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 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)
7316.575000	42.92	---	74.00	31.08	100.0	V	159.0	8.2
7330.833333	---	32.98	54.00	21.02	100.0	V	72.0	8.1

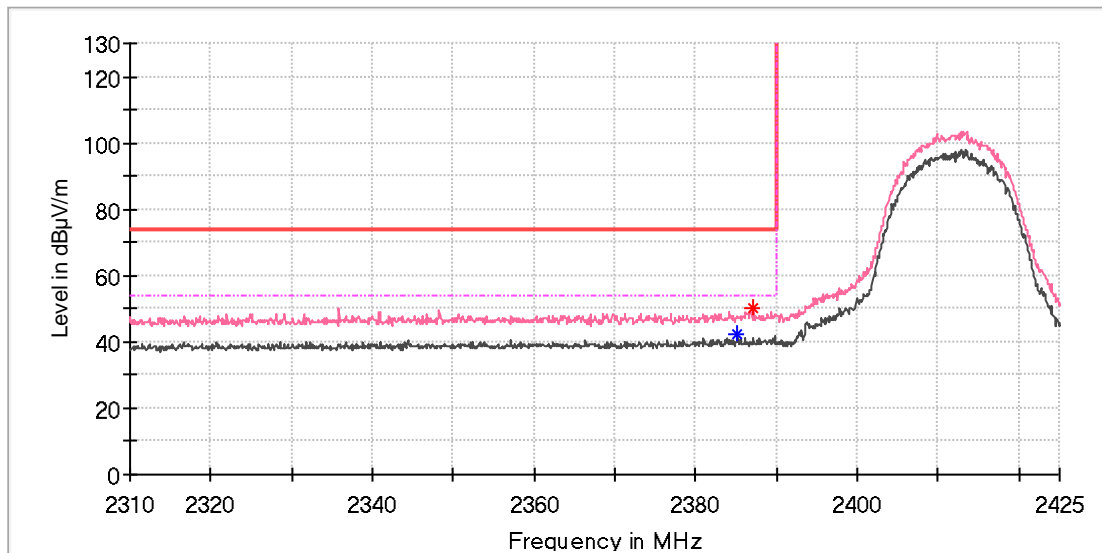
### Final\_Result

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



### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11b\_Ch1  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

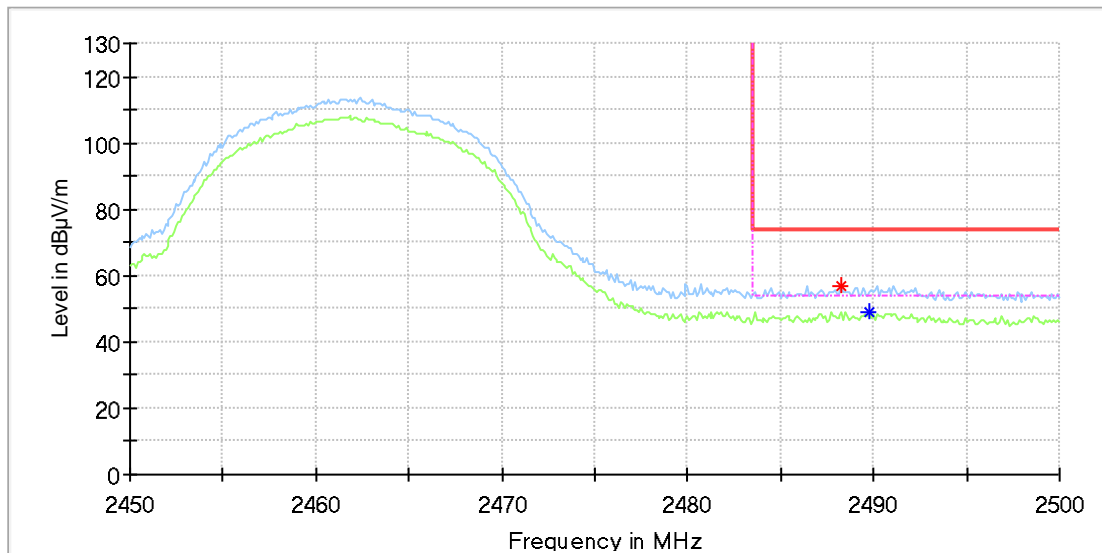
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2385.200000	---	42.58	54.00	11.42	100.0	V	157.0	7.0
2387.200000	50.27	---	74.00	23.73	100.0	V	157.0	7.0

### Final Result

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

### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11b\_Ch11  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

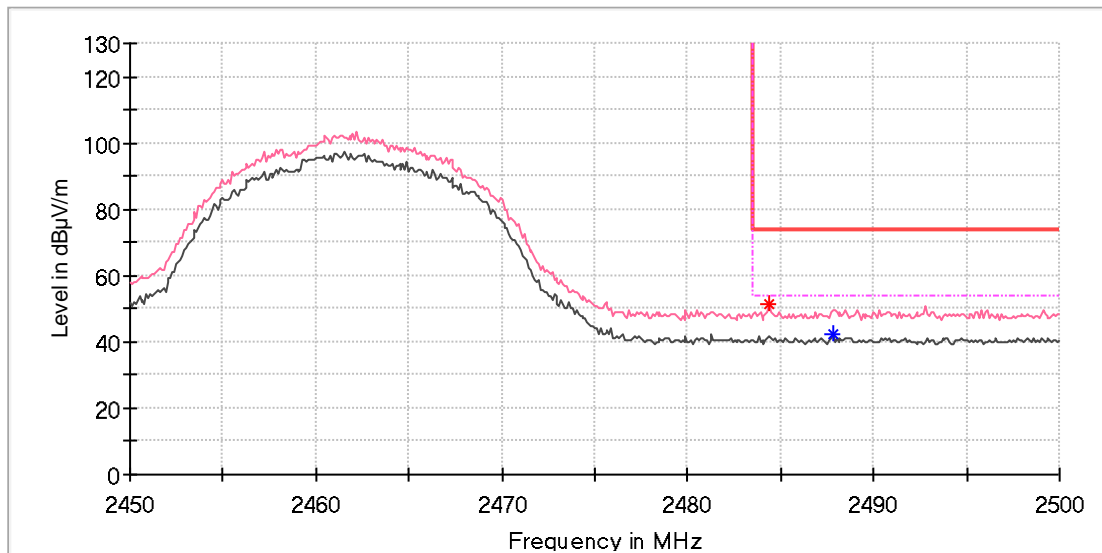
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2488.300000	57.09	---	74.00	16.91	100.0	H	355.0	7.4
2489.800000	---	49.15	54.00	4.85	100.0	H	0.0	7.4

### Final\_Result

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

### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11b\_Ch11  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.400000	51.30	---	74.00	22.70	100.0	V	299.0	7.4
2487.800000	---	42.33	54.00	11.67	100.0	V	182.0	7.4

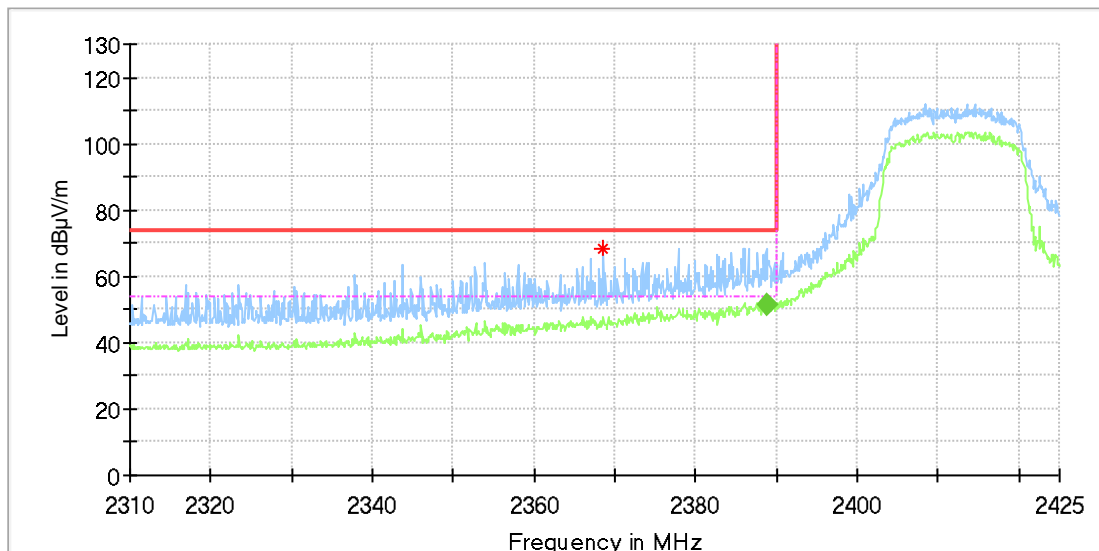
### Final\_Result

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:	2.4G WIFI-BLE Module
Model:	TBAP6212
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168417780/A003436718-001
Test Voltage:	DC 3.3V
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)
2368.500000	68.39	---	74.00	5.61	100.0	H	268.0	6.9

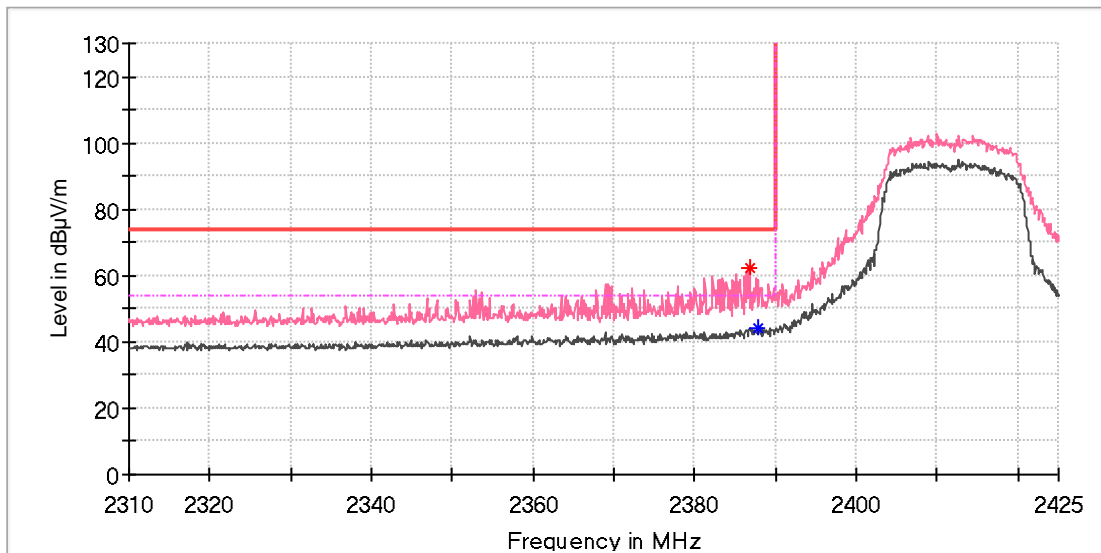
Final\_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.761800	50.98	54.00	3.02	105.0	H	263.0	7.0



### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11g\_Ch1  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

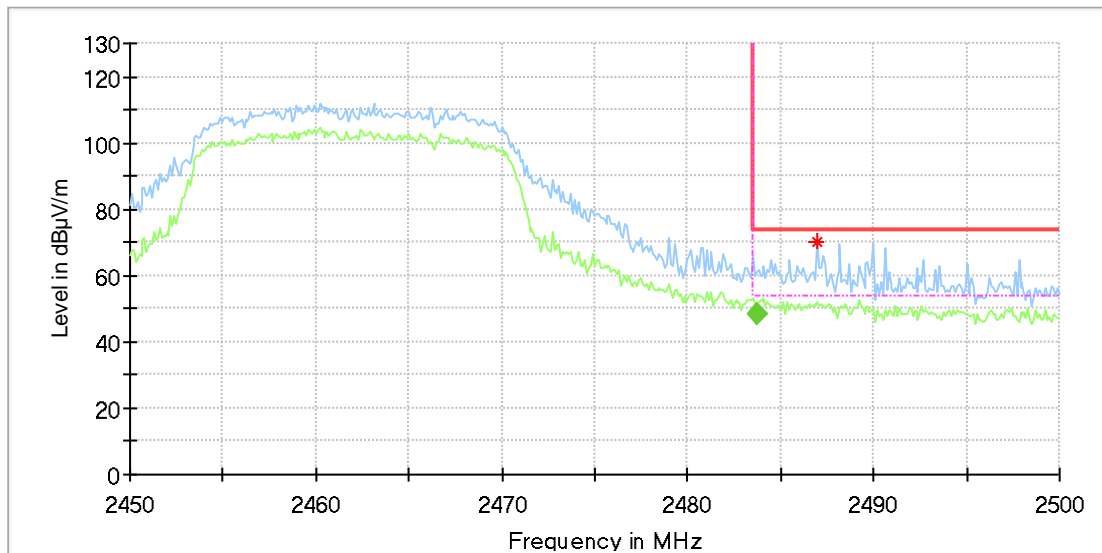
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.800000	62.12	---	74.00	11.88	100.0	V	354.0	7.0
2387.800000	---	44.25	54.00	9.75	100.0	V	70.0	7.0

### Final\_Result

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

### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11g\_Ch11  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

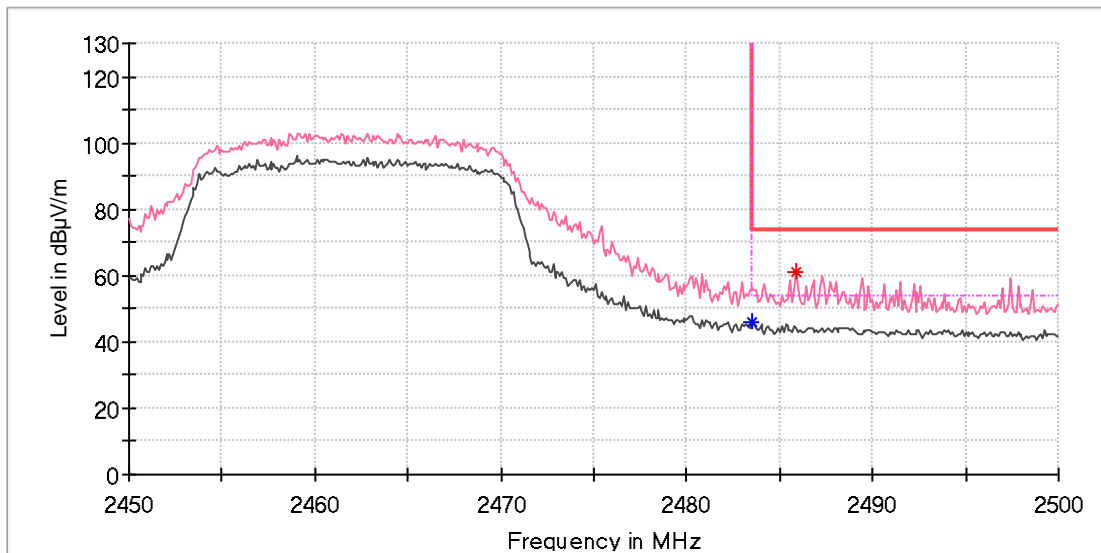
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2487.000000	70.28	---	74.00	3.72	100.0	H	262.0	7.4

### Final\_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.780950	48.25	54.00	5.75	105.0	H	257.0	7.4

### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11g\_Ch11  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.500000	---	46.18	54.00	7.82	100.0	V	121.0	7.4
2485.900000	60.94	---	74.00	13.06	100.0	V	131.0	7.4

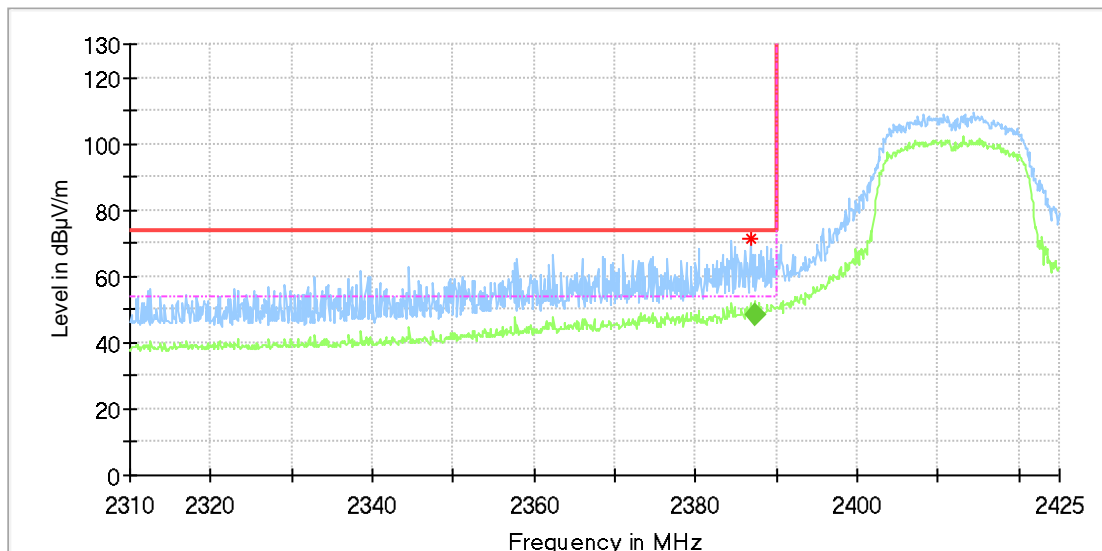
### Final\_Result

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: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11n20\_Ch1  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



Critical\_Freqs

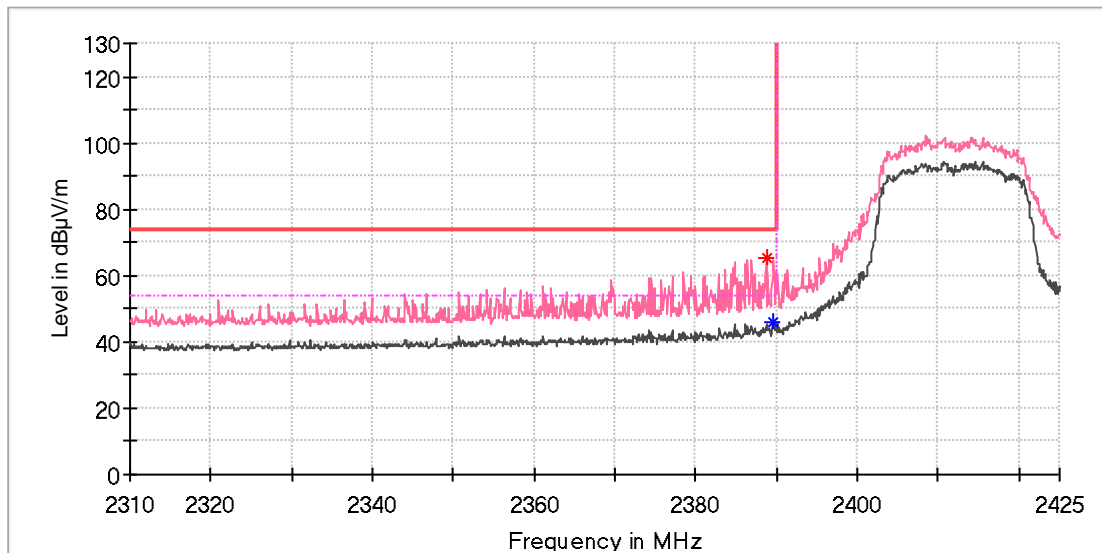
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.800000	71.48	---	74.00	2.52	100.0	H	312.0	7.0

Final\_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.437700	48.64	54.00	5.36	100.0	H	102.0	7.0

### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11n20\_Ch1  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

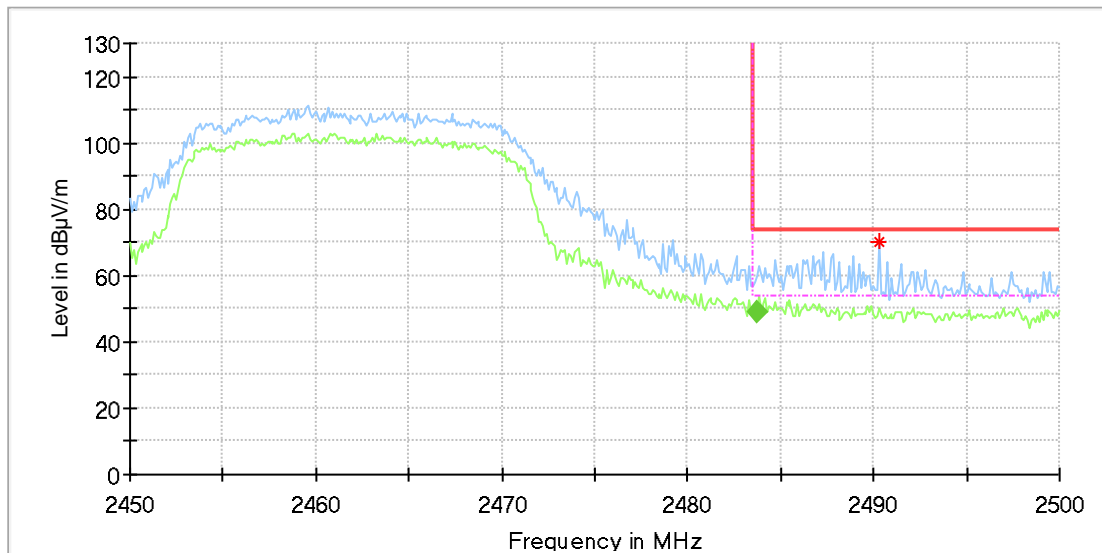
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.700000	65.01	---	74.00	8.99	100.0	V	333.0	7.0
2389.600000	---	45.89	54.00	8.11	100.0	V	81.0	7.0

### Final\_Result

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

### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11n20\_Ch11  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

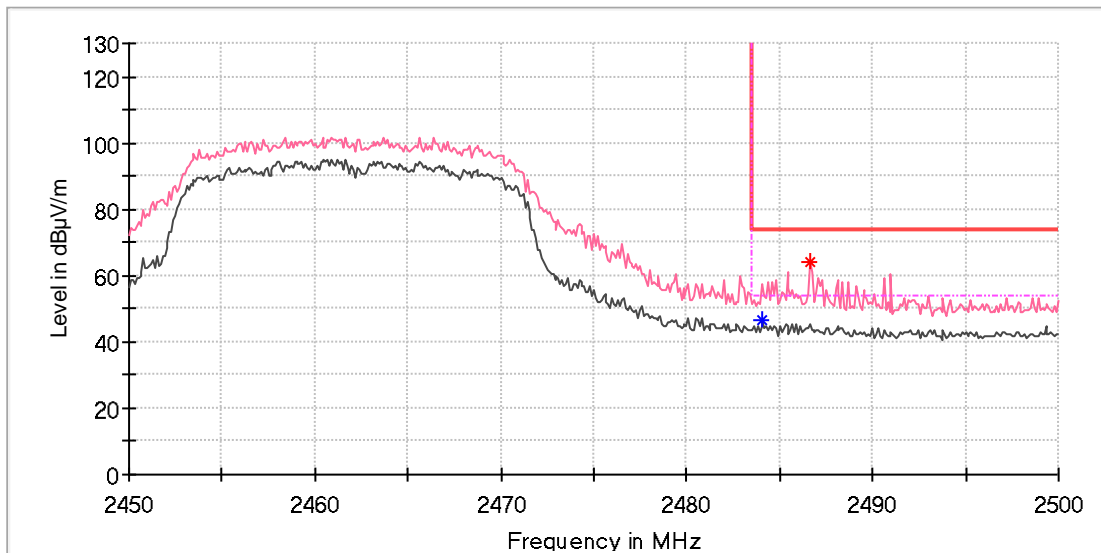
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2490.300000	70.36	---	74.00	3.64	100.0	H	255.0	7.4

### Final\_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.722150	48.87	54.00	5.13	105.0	H	258.0	7.4

### EUT Information

EUT Name: 2.4G WIFI-BLE Module  
 Model: TBAP6212  
 Test Mode: WIFI 2.4G\_11n20\_Ch11  
 Order No/Sample No: 168417780/A003436718-001  
 Test Voltage: DC 3.3V  
 Remark: Temp 22 Humi:55%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical\_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.100000	---	46.35	54.00	7.65	100.0	V	297.0	7.4
2486.600000	63.91	---	74.00	10.09	100.0	V	297.0	7.4

### Final\_Result

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