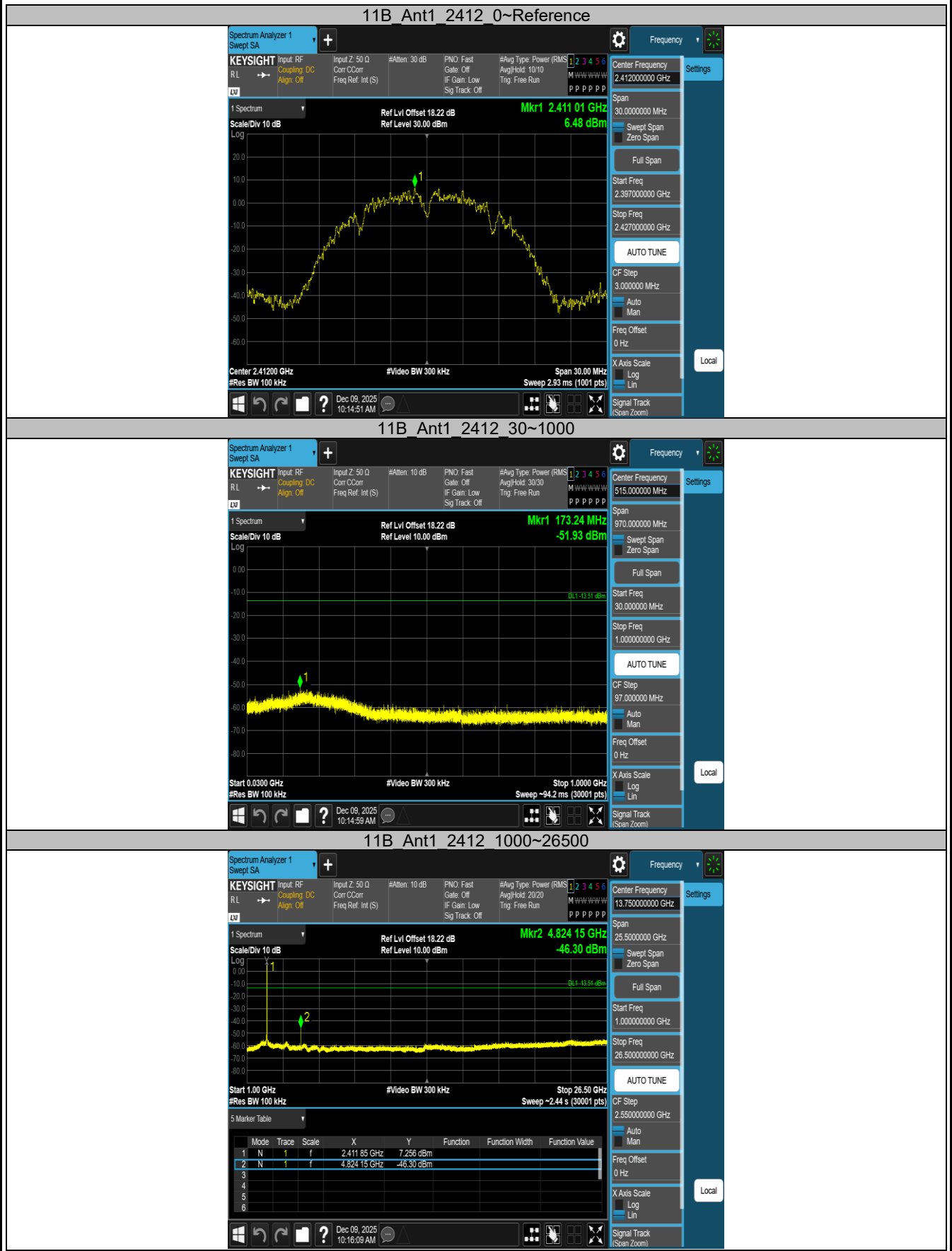


Appendix A.5: Test Results of Conducted Spurious Emissions

Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.49	6.49	---	PASS
			30~1000	6.49	-51.93	≤-13.51	PASS
			1000~26500	6.49	-46.3	≤-13.51	PASS
		2437	Reference	5.59	5.59	---	PASS
			30~1000	5.59	-52.29	≤-14.41	PASS
			1000~26500	5.59	-46.9	≤-14.41	PASS
		2462	Reference	5.36	5.36	---	PASS
			30~1000	5.36	-52.06	≤-14.64	PASS
			1000~26500	5.36	-47.97	≤-14.64	PASS
11G	Ant1	2412	Reference	3.37	3.37	---	PASS
			30~1000	3.37	-51.87	≤-16.63	PASS
			1000~26500	3.37	-53.04	≤-16.63	PASS
		2437	Reference	1.95	1.95	---	PASS
			30~1000	1.95	-51.74	≤-18.05	PASS
			1000~26500	1.95	-54.04	≤-18.05	PASS
		2462	Reference	1.88	1.88	---	PASS
			30~1000	1.88	-52.41	≤-18.12	PASS
			1000~26500	1.88	-54.31	≤-18.12	PASS
11N20SISO	Ant1	2412	Reference	2.72	2.72	---	PASS
			30~1000	2.72	-51.78	≤-17.28	PASS
			1000~26500	2.72	-52.72	≤-17.28	PASS
		2437	Reference	2.57	2.57	---	PASS
			30~1000	2.57	-51.41	≤-17.43	PASS
			1000~26500	2.57	-54.29	≤-17.43	PASS
		2462	Reference	1.75	1.75	---	PASS
			30~1000	1.75	-50.87	≤-18.25	PASS
			1000~26500	1.75	-54.31	≤-18.25	PASS
11N40SISO	Ant1	2422	Reference	-0.94	-0.94	---	PASS
			30~1000	-0.94	-50.73	≤-20.94	PASS
			1000~26500	-0.94	-54.29	≤-20.94	PASS
		2437	Reference	-0.60	-0.60	---	PASS
			30~1000	-0.60	-50.88	≤-20.6	PASS
			1000~26500	-0.60	-54.12	≤-20.6	PASS
		2452	Reference	-1.40	-1.40	---	PASS
			30~1000	-1.40	-52.05	≤-21.4	PASS
			1000~26500	-1.40	-54.6	≤-21.4	PASS

Test Graphs



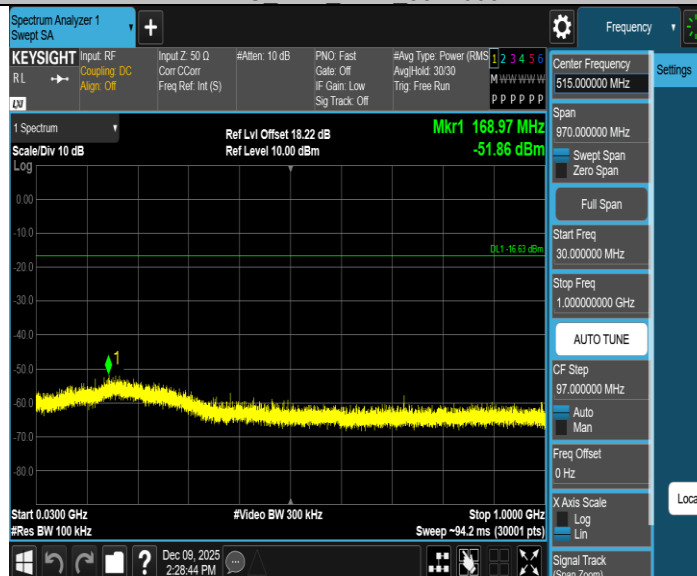




11G Ant1_2412 0~Reference

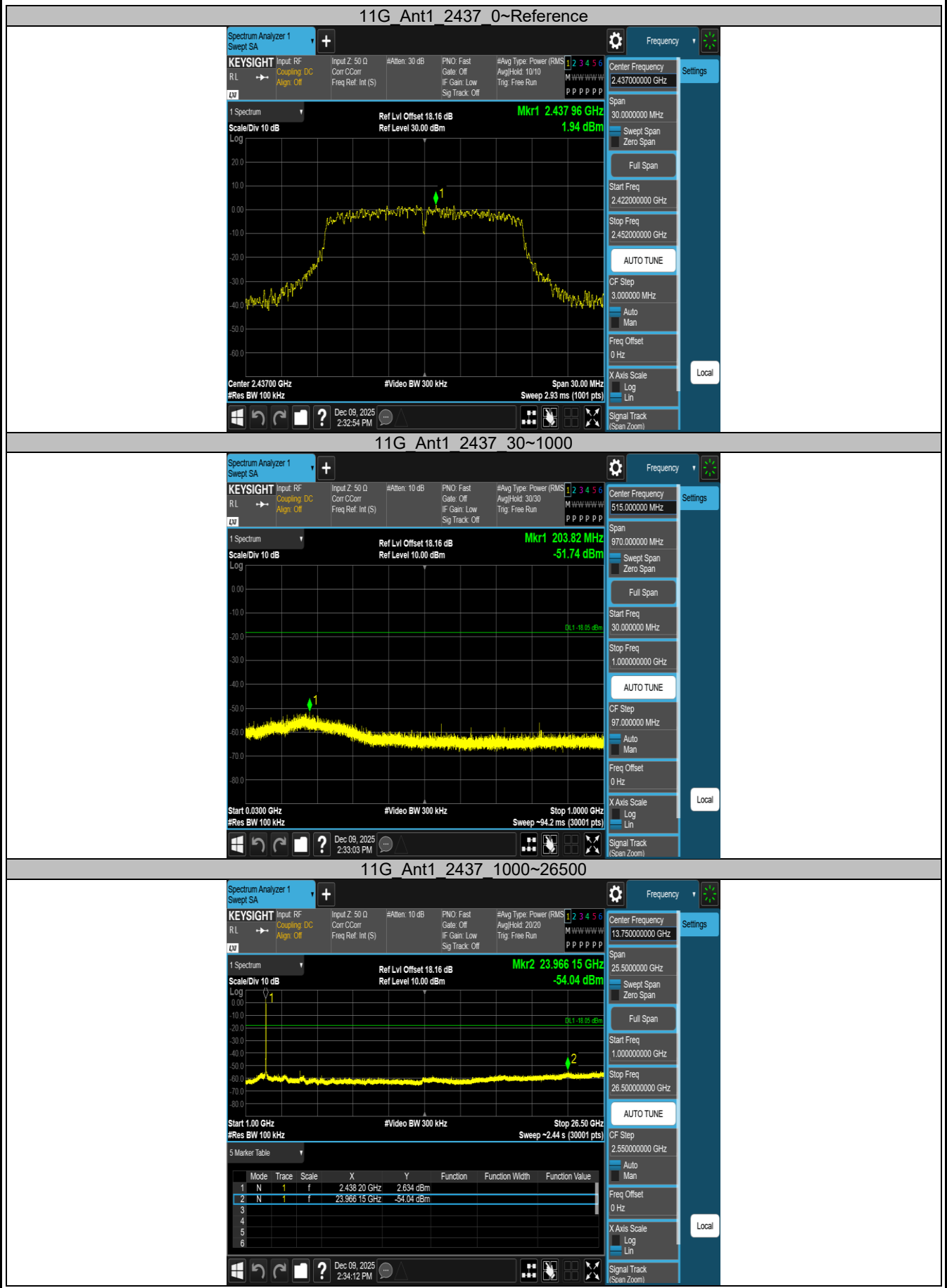


11G Ant1_2412 30~1000

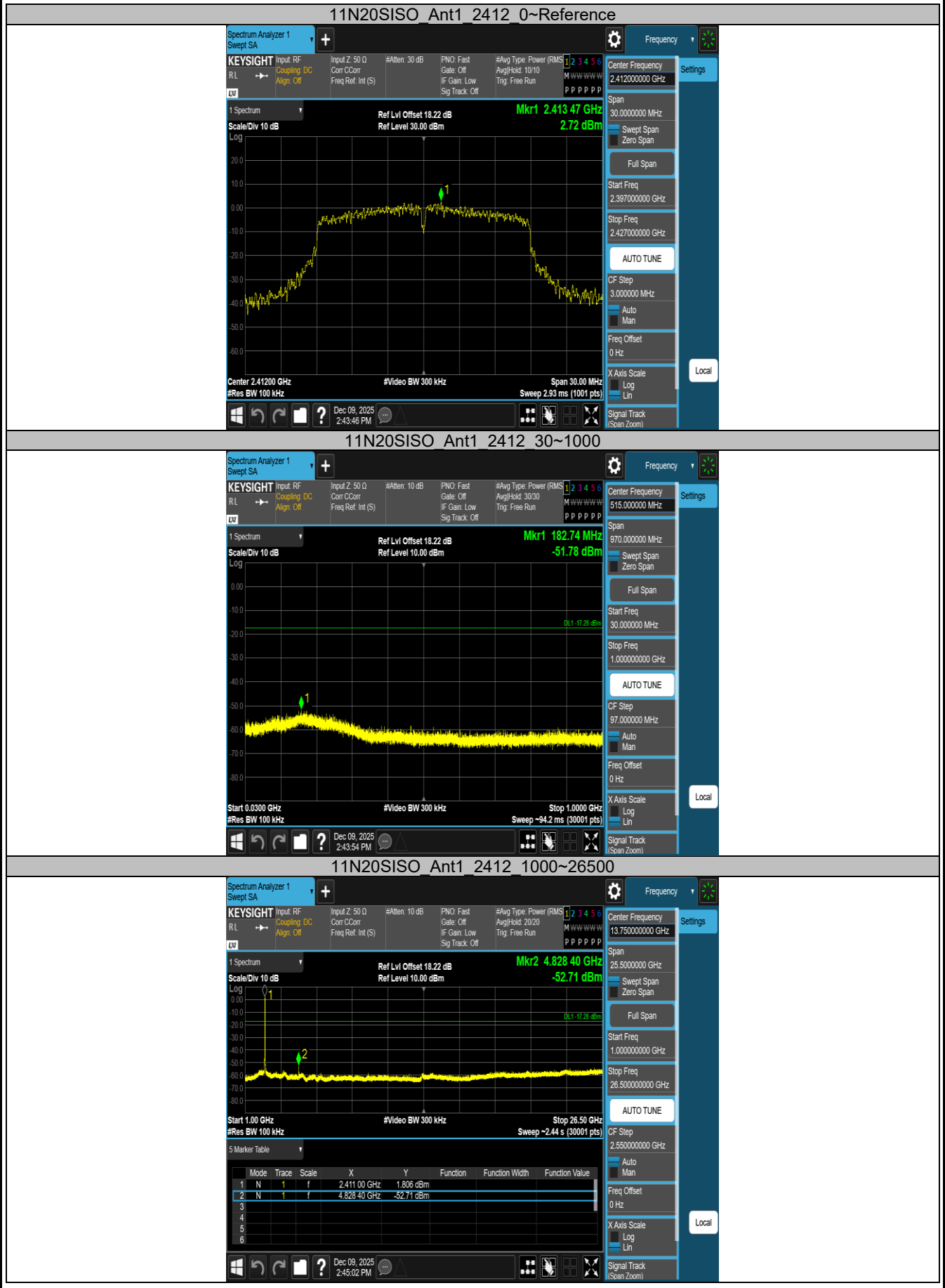


11G Ant1_2412 1000~26500

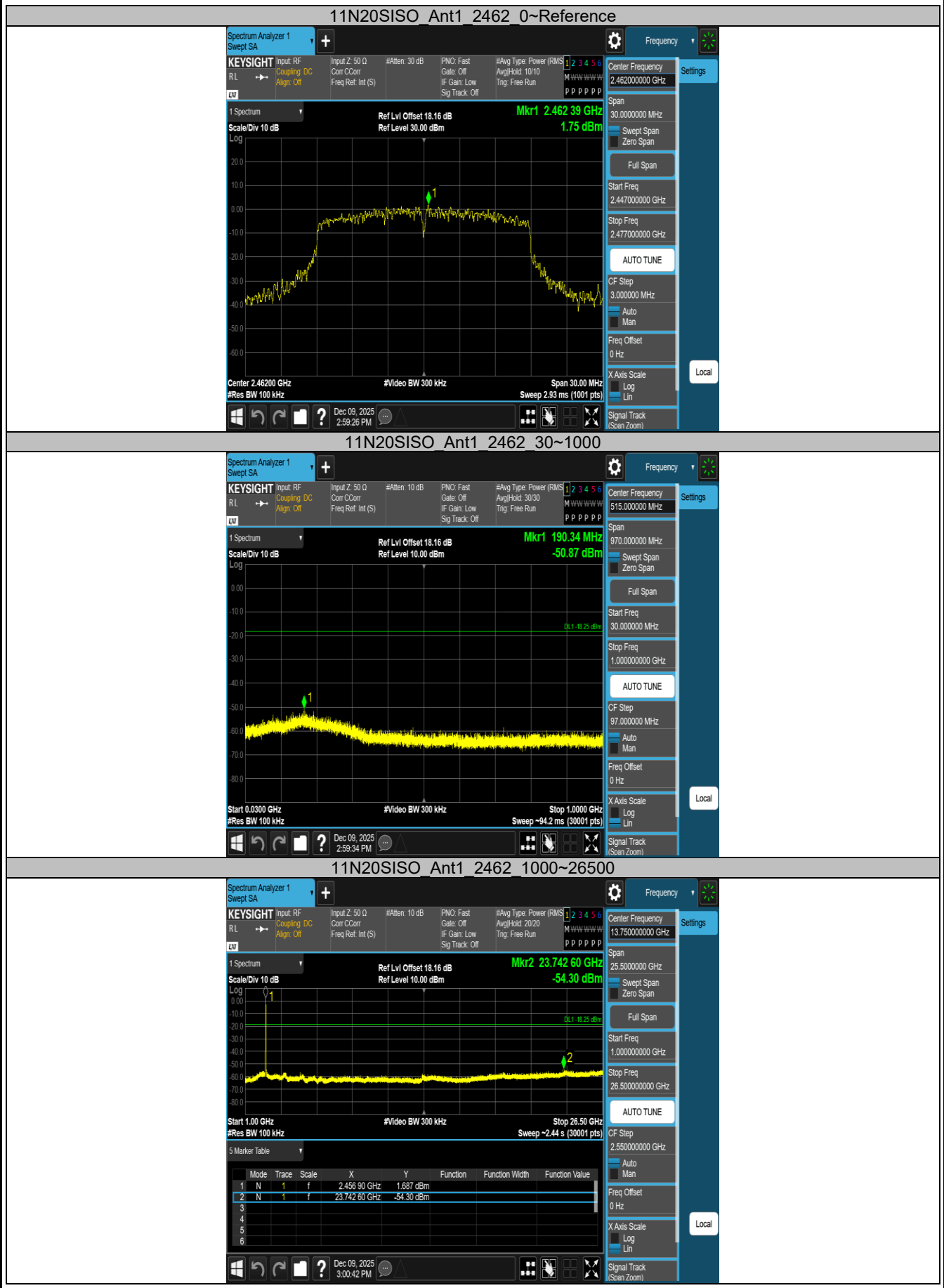


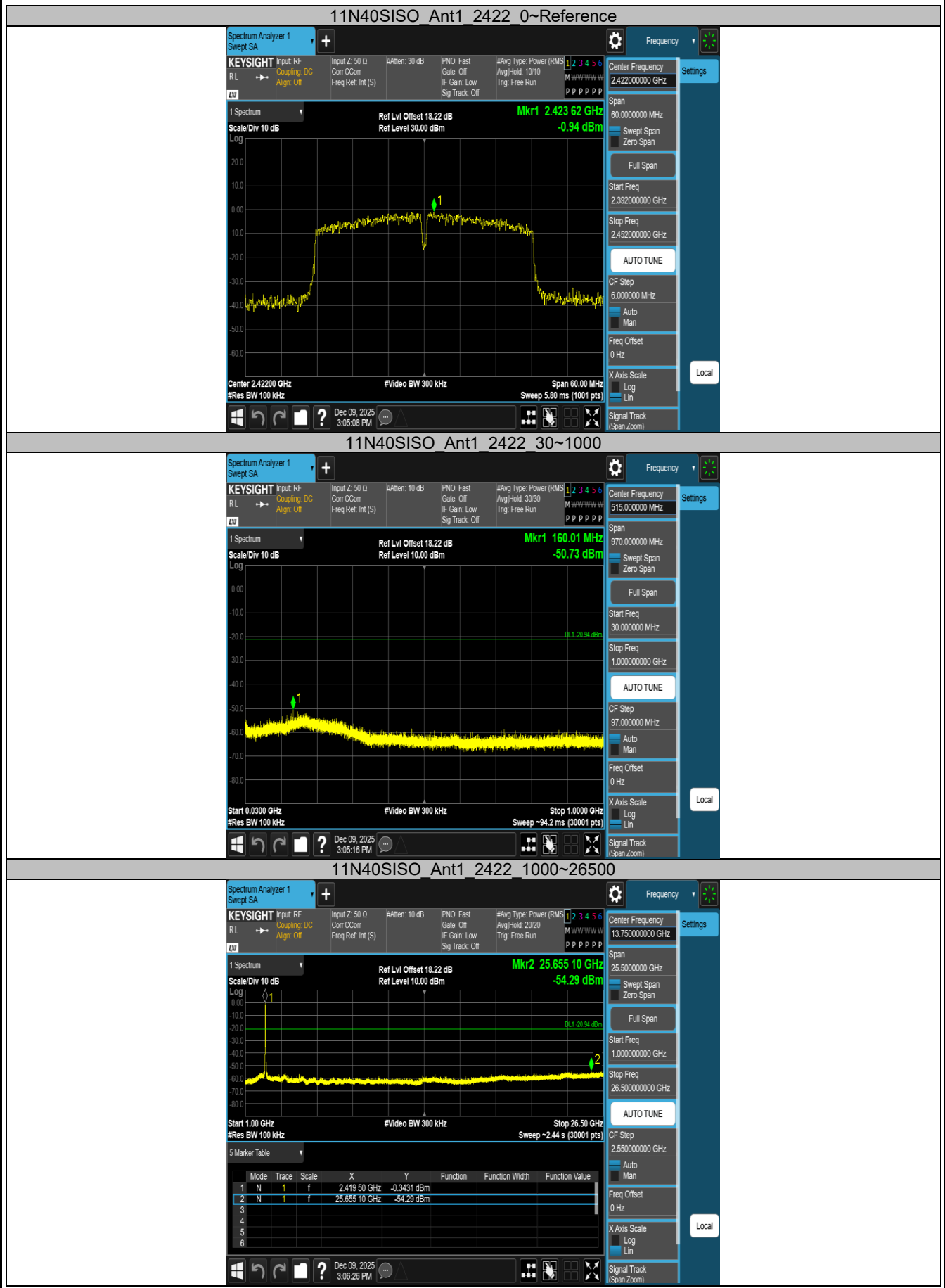


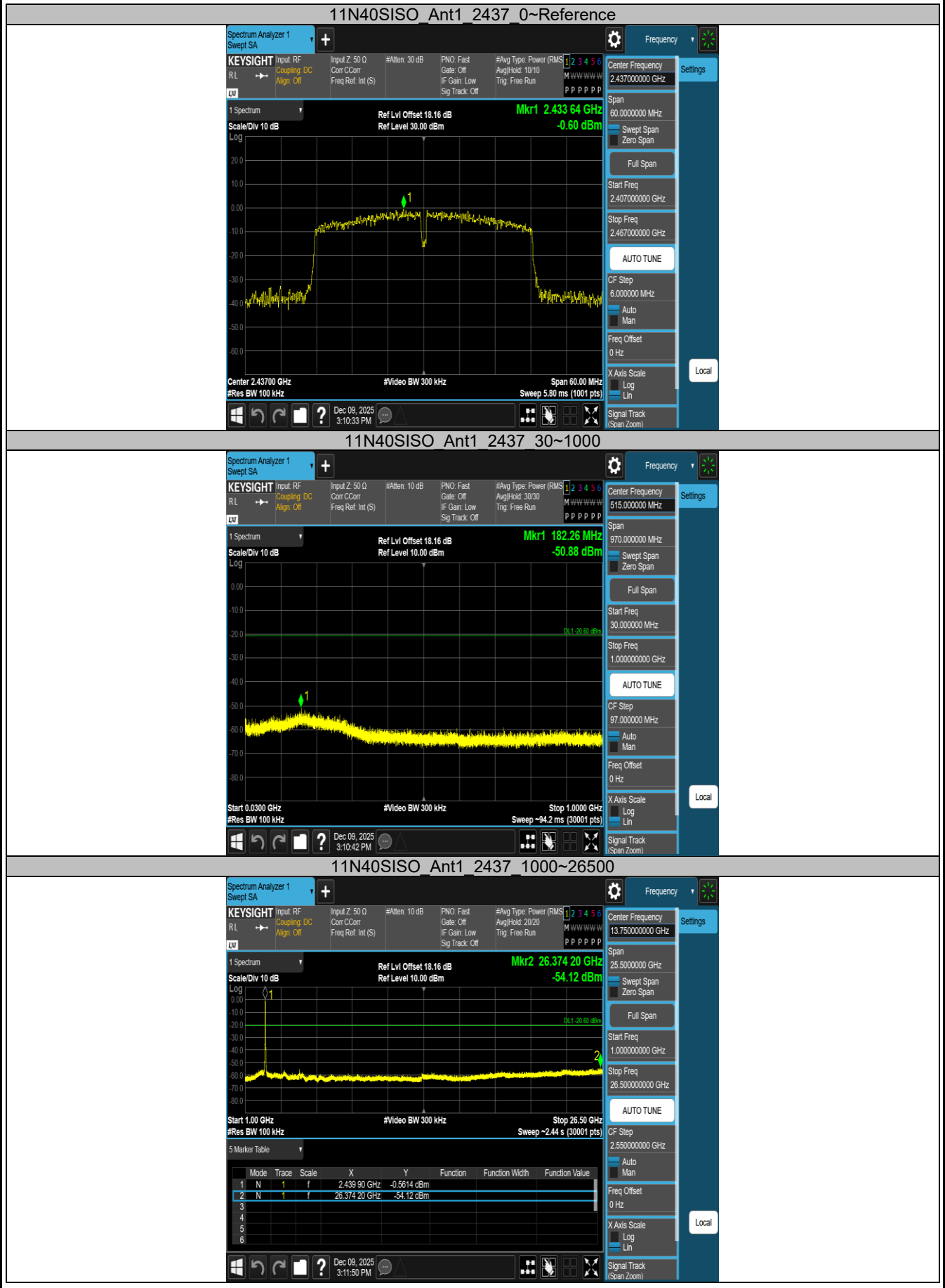


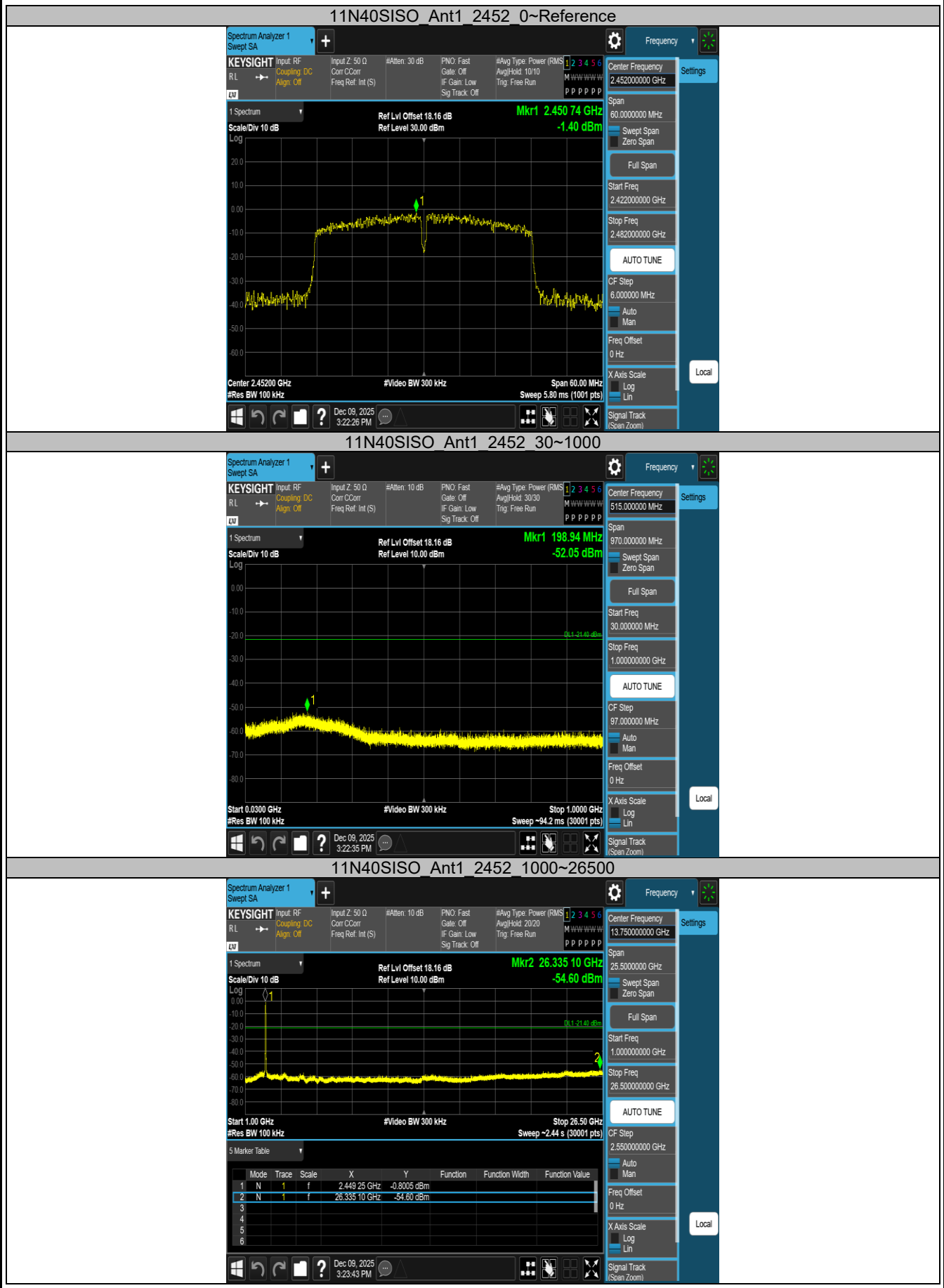












Appendix A.6: Test Results of Radiated Spurious Emissions

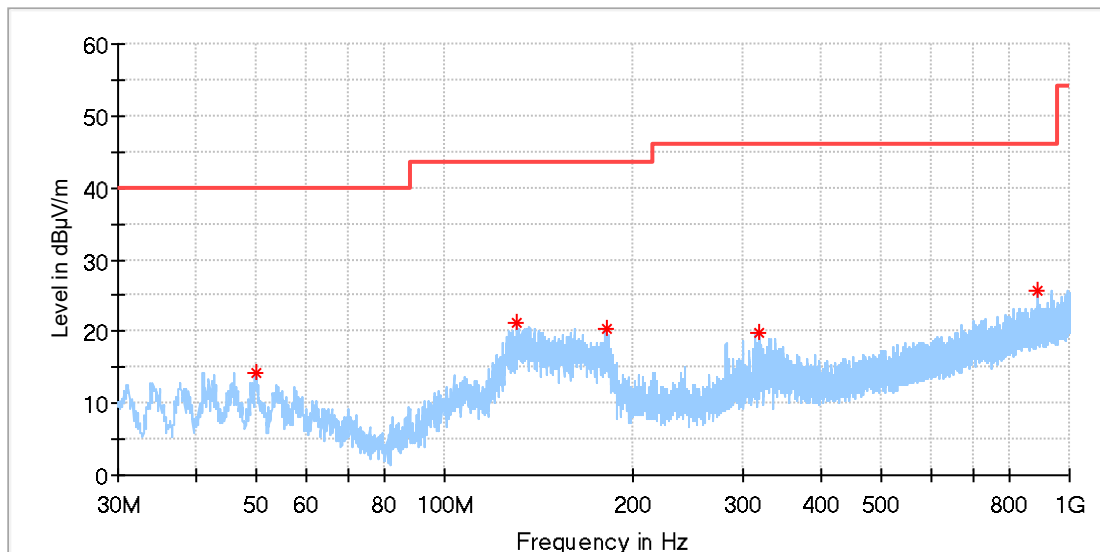
Note:

- 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

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKT82R1501
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168582607/A004129867-005
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

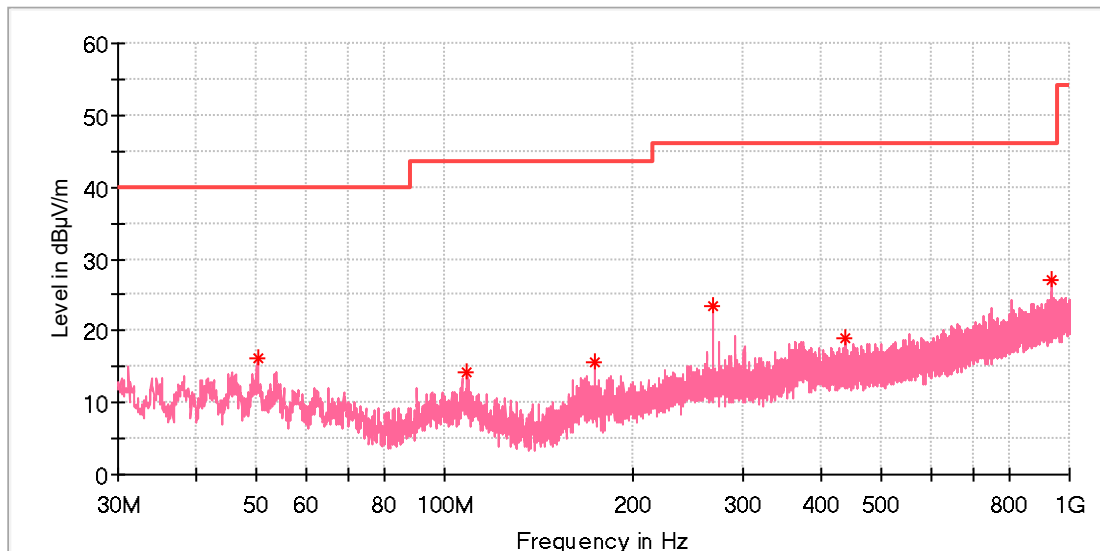
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.992778	14.34	40.00	25.66	100.0	H	233.0	-18.4
130.502778	21.30	43.50	22.20	100.0	H	152.0	-22.0
181.050556	20.34	43.50	23.16	100.0	H	0.0	-20.5
319.598889	19.88	46.00	26.12	100.0	H	302.0	-15.7
890.982778	25.80	46.00	20.20	100.0	H	112.0	-4.9

Final Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WKT82R1501
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168582607/A004129867-005
Test Voltage: DC 3.3V
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)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
50.154444	16.27	40.00	23.73	100.0	V	290.0	-18.4
108.785556	14.21	43.50	29.29	100.0	V	260.0	-19.1
173.560000	15.50	43.50	28.00	100.0	V	247.0	-21.1
268.943333	23.55	46.00	22.45	100.0	V	168.0	-17.0
437.238333	19.10	46.00	26.90	100.0	V	203.0	-13.0
936.950000	26.94	46.00	19.06	100.0	V	168.0	-4.4

Final_Result

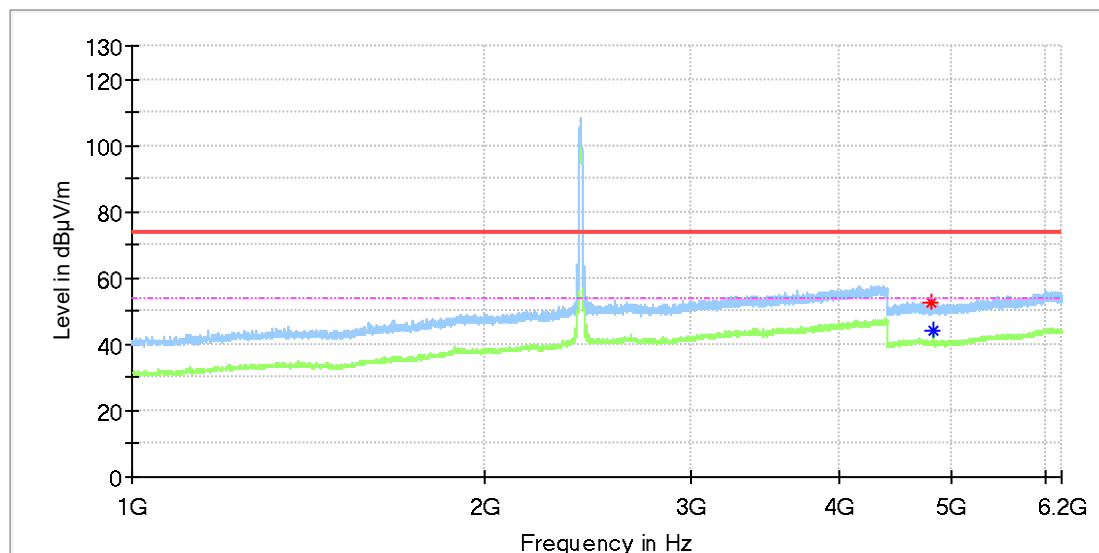
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

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

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKT82R1501
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168582607/A004129867-005
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

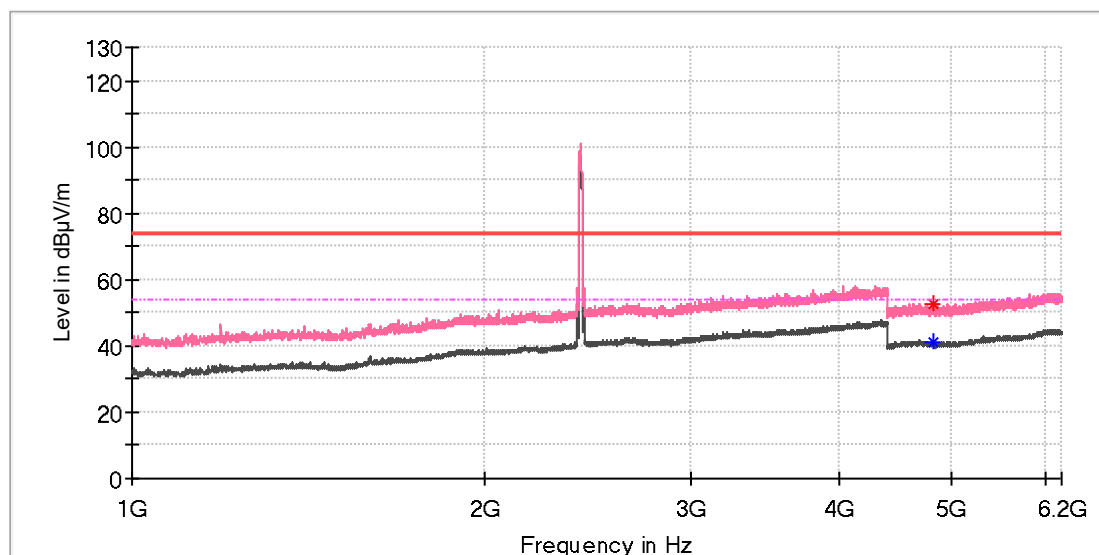
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Poi	Azimuth (deg)	Corr. (dB/m)
4809.000000	52.84	---	74.00	21.16	150.0	H	284.0	13.3
4824.000000	---	43.96	54.00	10.04	150.0	H	328.0	13.3

Final Result

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

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKT82R1501
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168582607/A004129867-005
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

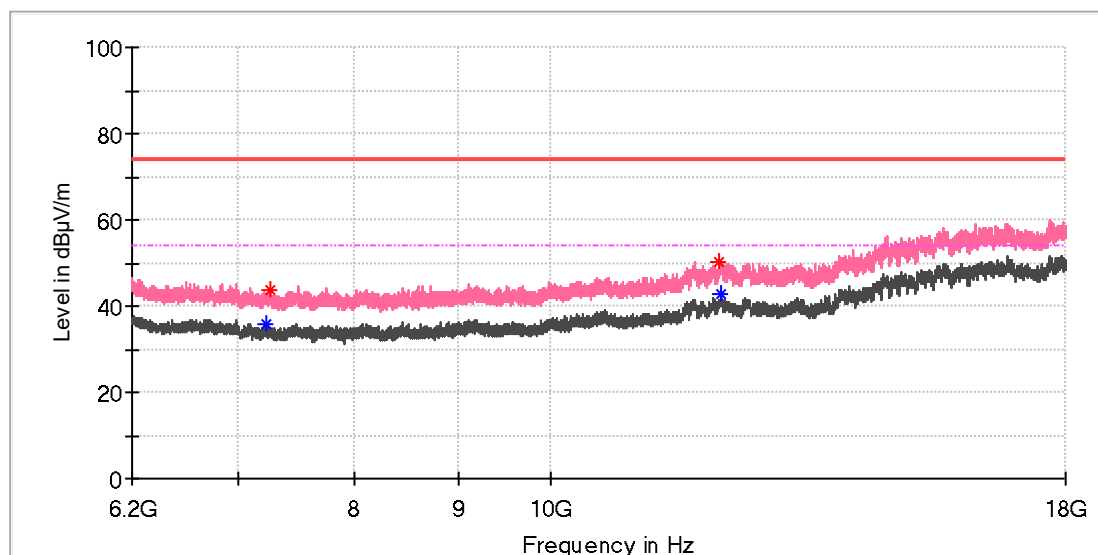
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4824.000000	52.63	---	74.00	21.37	150.0	V	95.0	13.3
4824.000000	---	41.30	54.00	12.70	150.0	V	95.0	13.3

Final Result

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

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKT82R1501
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168582607/A004129867-005
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

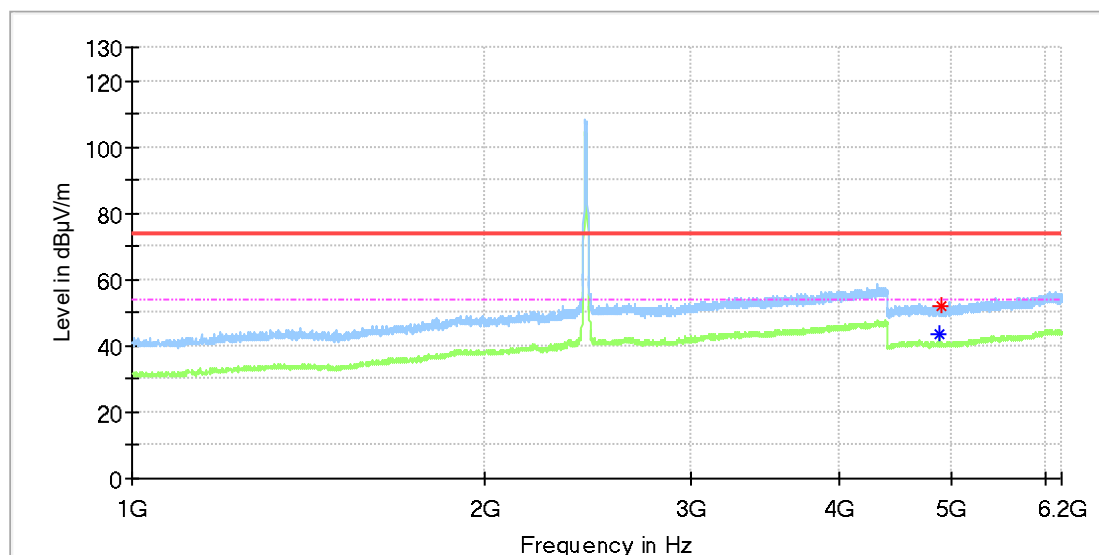
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7220.700000	---	35.63	54.00	18.37	150.0	V	267.0	8.7
7252.658333	43.55	---	74.00	30.45	150.0	V	256.0	8.5
12125.075000	50.13	---	74.00	23.87	150.0	V	221.0	16.1
12154.083333	---	42.59	54.00	11.41	150.0	V	133.0	16.5

Final Result

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

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKT82R1501
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168582607/A004129867-005
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

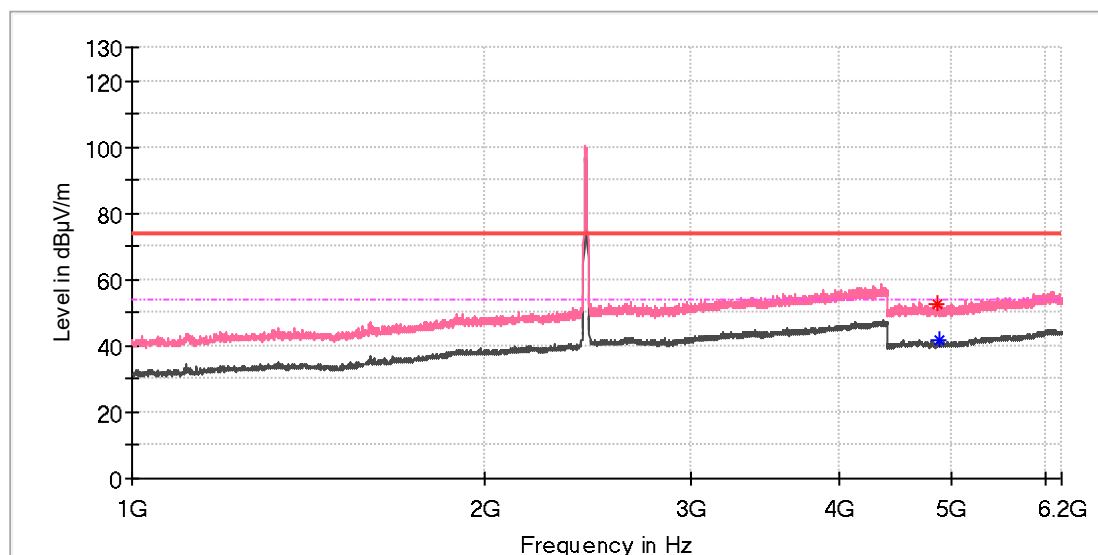
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4874.000000	---	43.57	54.00	10.43	150.0	H	352.0	13.3
4890.000000	52.01	---	74.00	21.99	150.0	H	224.0	13.3

Final Result

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

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKT82R1501
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168582607/A004129867-005
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

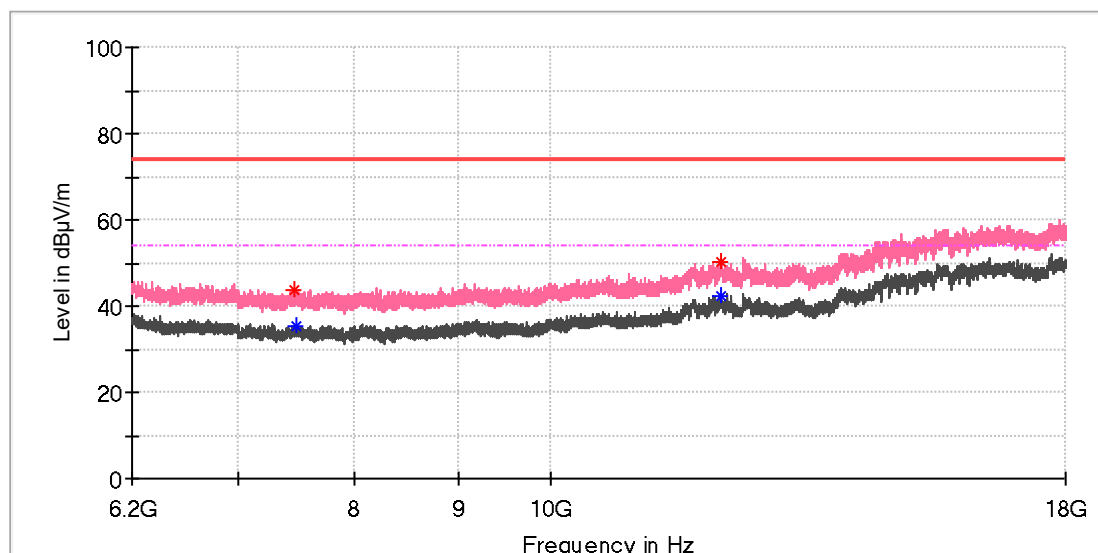
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4855.000000	52.45	---	74.00	21.55	150.0	V	312.0	13.3
4874.000000	---	41.59	54.00	12.41	150.0	V	305.0	13.3

Final Result

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

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKT82R1501
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168582607/A004129867-005
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

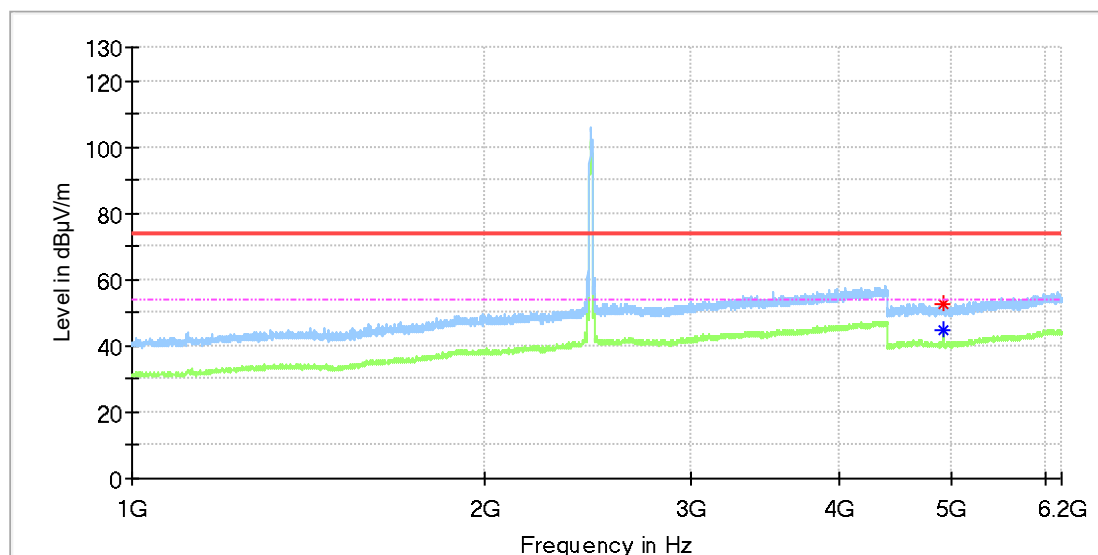
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7466.041667	43.57	---	74.00	30.43	150.0	V	179.0	8.6
7477.841667	---	35.53	54.00	18.47	150.0	V	337.0	8.6
12137.858333	50.22	---	74.00	23.78	150.0	V	0.0	16.4
12145.725000	---	42.24	54.00	11.76	150.0	V	200.0	16.6

Final Result

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

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKT82R1501
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168582607/A004129867-005
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

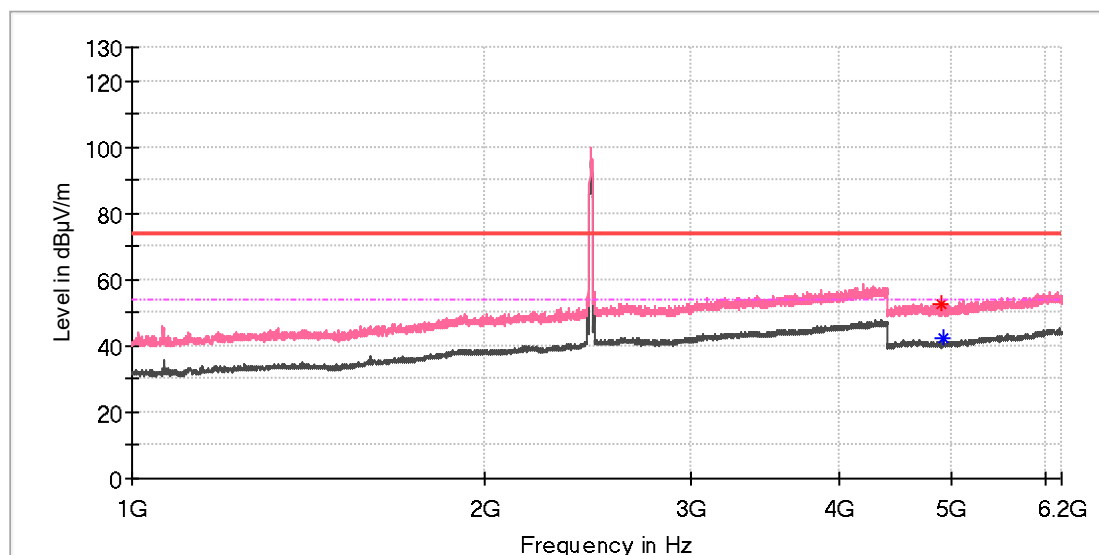
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4924.000000	52.36	---	74.00	21.64	150.0	H	345.0	13.3
4924.000000	---	44.83	54.00	9.17	150.0	H	345.0	13.3

Final Result

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

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKT82R1501
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168582607/A004129867-005
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

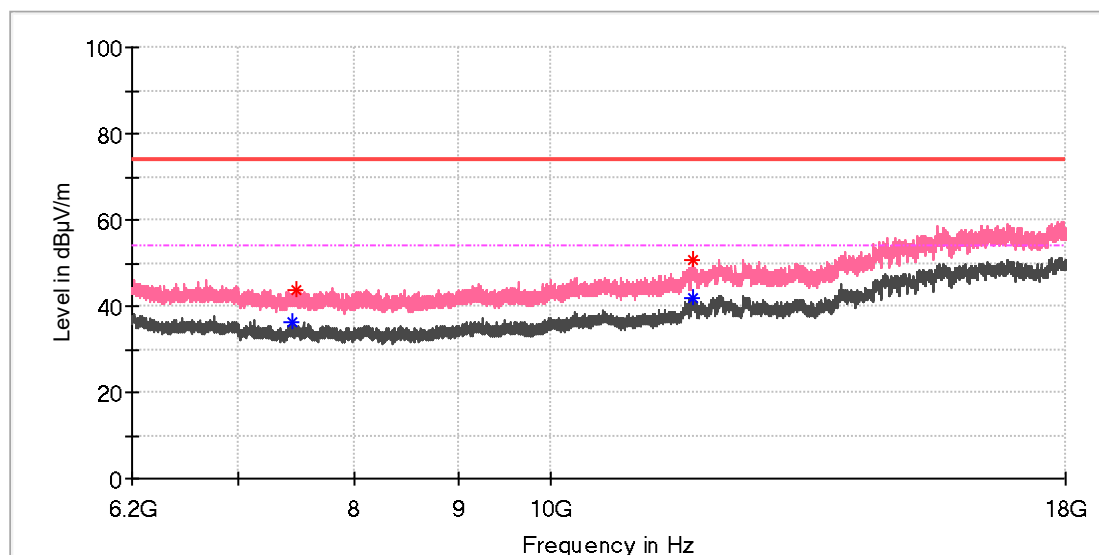
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4902.000000	52.35	---	74.00	21.65	150.0	V	256.0	13.3
4924.000000	---	42.38	54.00	11.62	150.0	V	89.0	13.3

Final Result

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

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKT82R1501
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168582607/A004129867-005
Test Voltage:	DC 3.3V
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)
7446.866667	---	36.46	54.00	17.54	150.0	V	301.0	8.5
7486.200000	43.78	---	74.00	30.22	150.0	V	333.0	8.7
11749.933333	50.49	---	74.00	23.51	150.0	V	289.0	15.5
11775.008333	---	41.74	54.00	12.26	150.0	V	0.0	15.2

Final Result

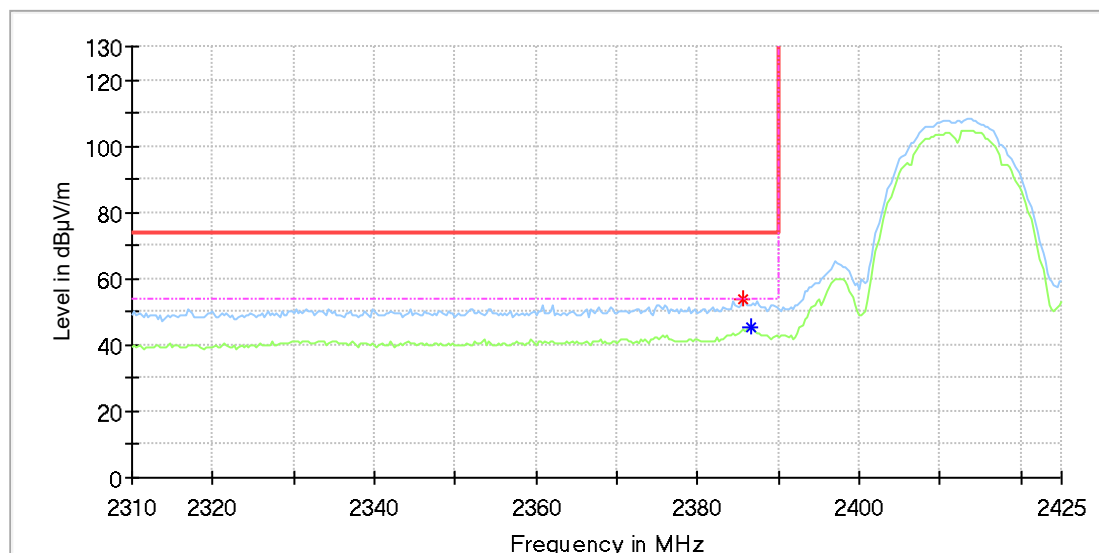
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

Appendix A.7: Test Results of Radiated Emissions in Restricted Bands

Wi-Fi 802.11 b mode

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKT82R1501
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168582607/A004129867-005
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

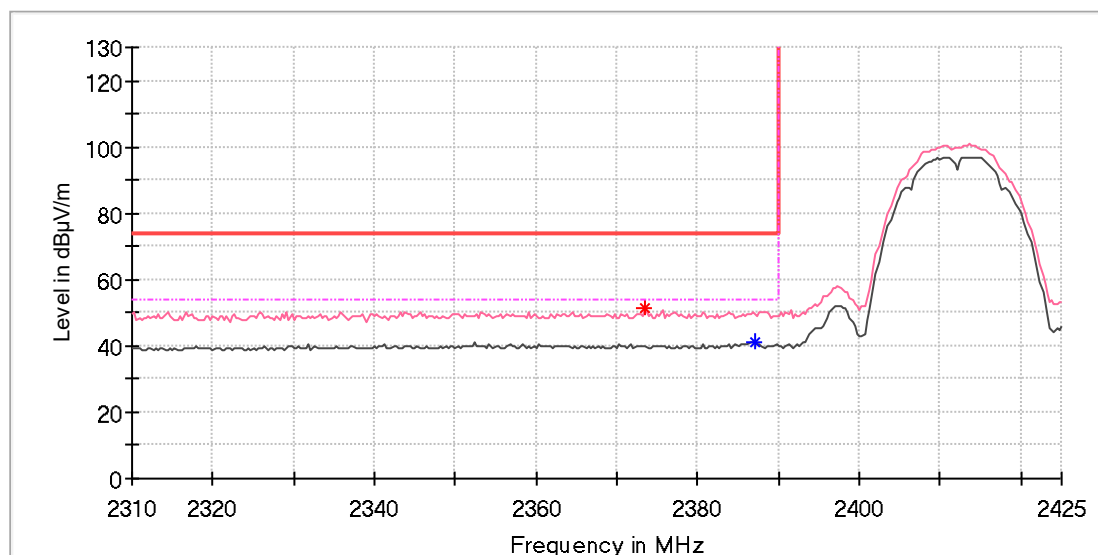
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2385.588235	54.01	---	74.00	19.99	150.0	H	0.0	8.5
2386.470588	---	45.11	54.00	8.89	150.0	H	0.0	8.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
100.0	100.0	100.0	100.0	100.0	100.0		100.0	

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKT82R1501
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168582607/A004129867-005
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

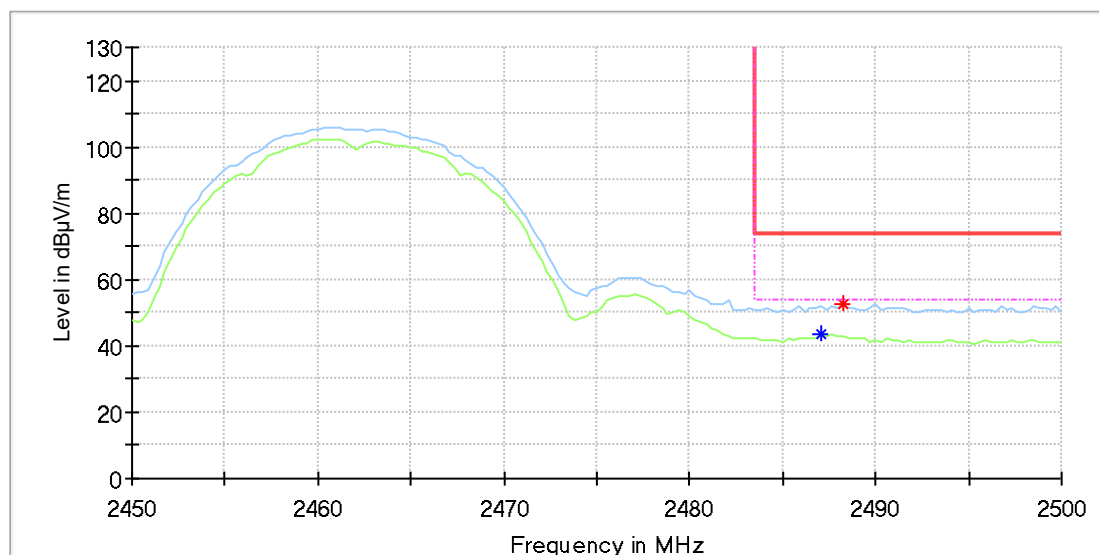
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2373.529412	51.31	---	74.00	22.69	150.0	V	342.0	8.5
2387.058824	---	41.17	54.00	12.83	150.0	V	185.0	8.5

Final Result

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

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKT82R1501
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168582607/A004129867-005
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

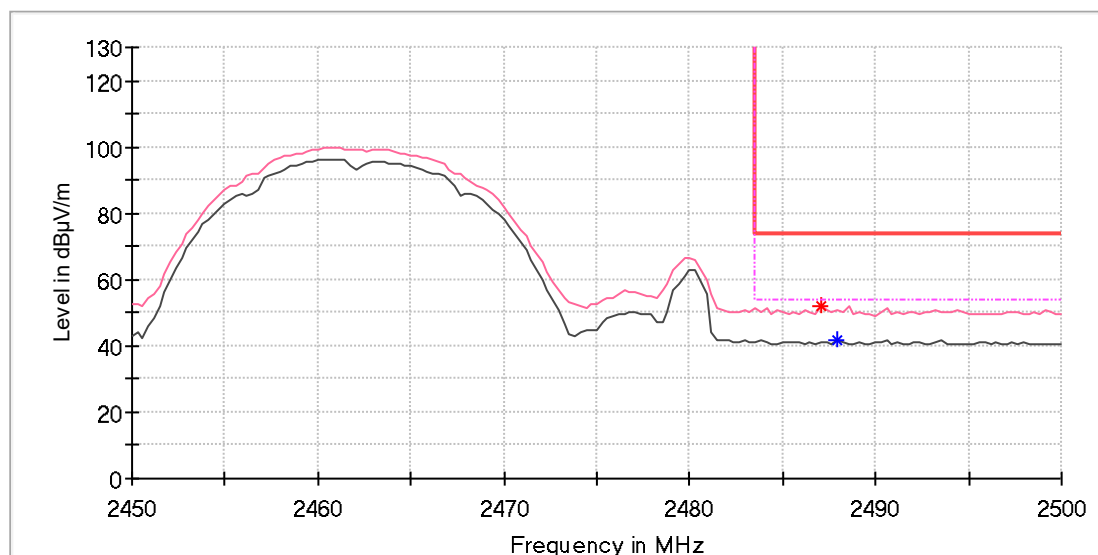
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2487.058824	---	43.43	54.00	10.57	150.0	H	2.0	9.0
2488.235294	52.73	---	74.00	21.27	150.0	H	14.0	9.0

Final Result

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

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKT82R1501
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168582607/A004129867-005
Test Voltage:	DC 3.3V
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)
2487.058824	52.09	---	74.00	21.91	150.0	V	359.0	9.0
2487.941177	---	41.73	54.00	12.27	150.0	V	333.0	9.0

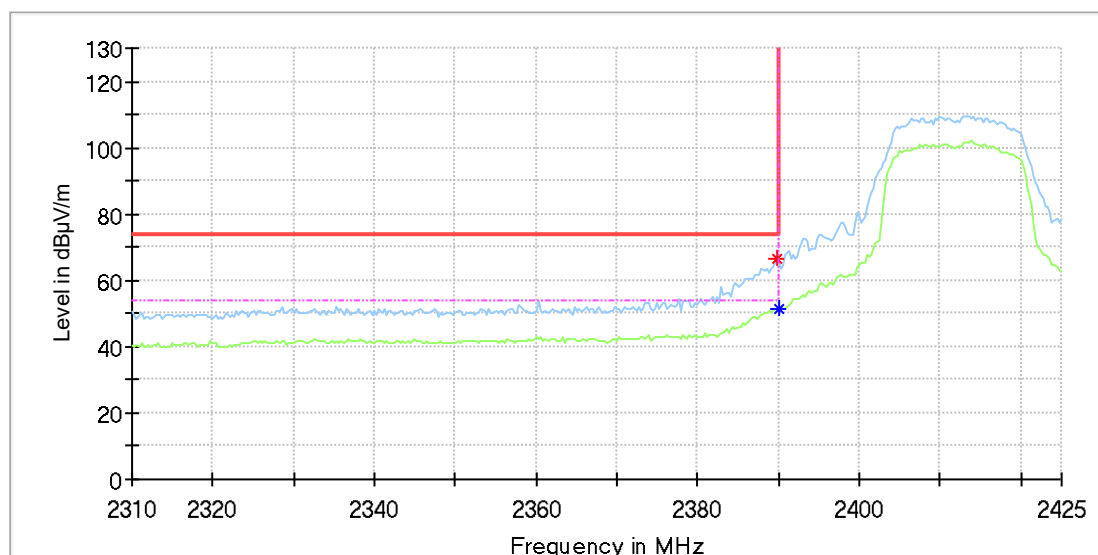
Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (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:	WKT82R1501
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168582607/A004129867-005
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

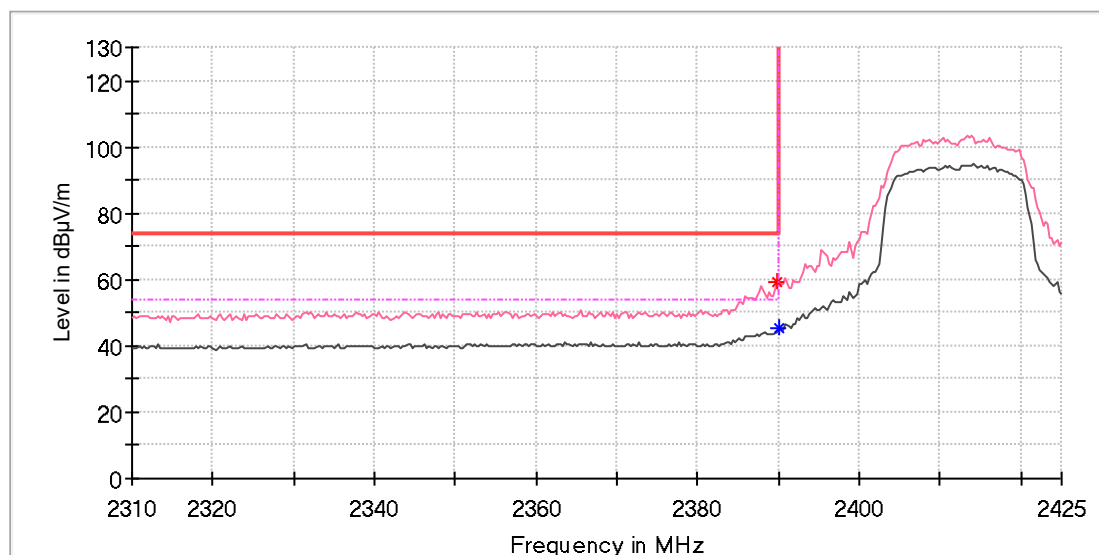
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.705882	66.43	---	74.00	7.57	150.0	H	17.0	8.5
2390.000000	---	51.67	54.00	2.33	150.0	H	0.0	8.5

Final Result

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

EUT Name:	WIFI+BT Module
Model:	WKT82R1501
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168582607/A004129867-005
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

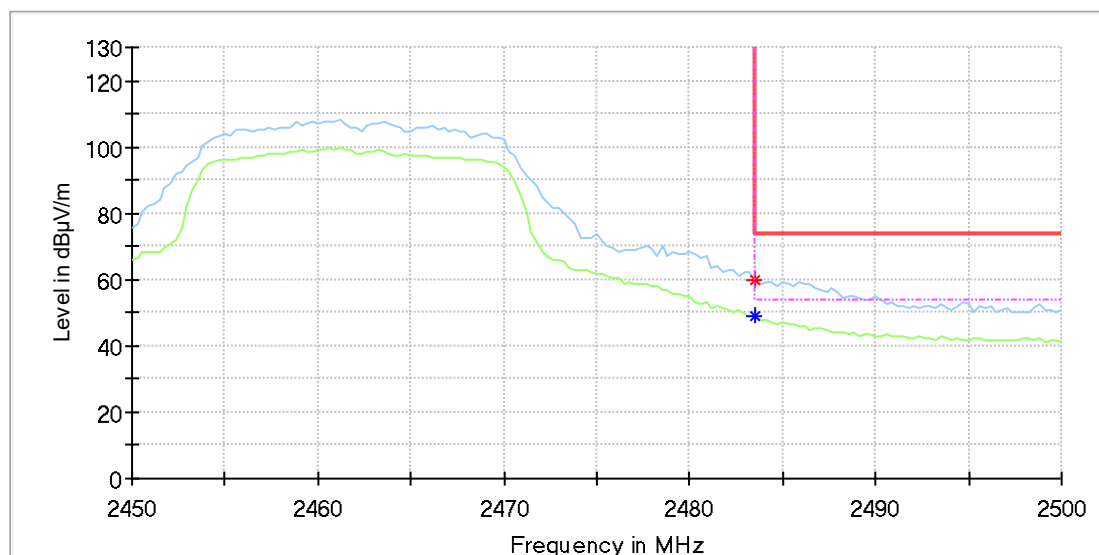
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.705882	59.11	---	74.00	14.89	150.0	V	333.0	8.5
2390.000000	---	45.05	54.00	8.95	150.0	V	333.0	8.5

Final Result

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

EUT Name:	WIFI+BT Module
Model:	WKT82R1501
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	168582607/A004129867-005
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

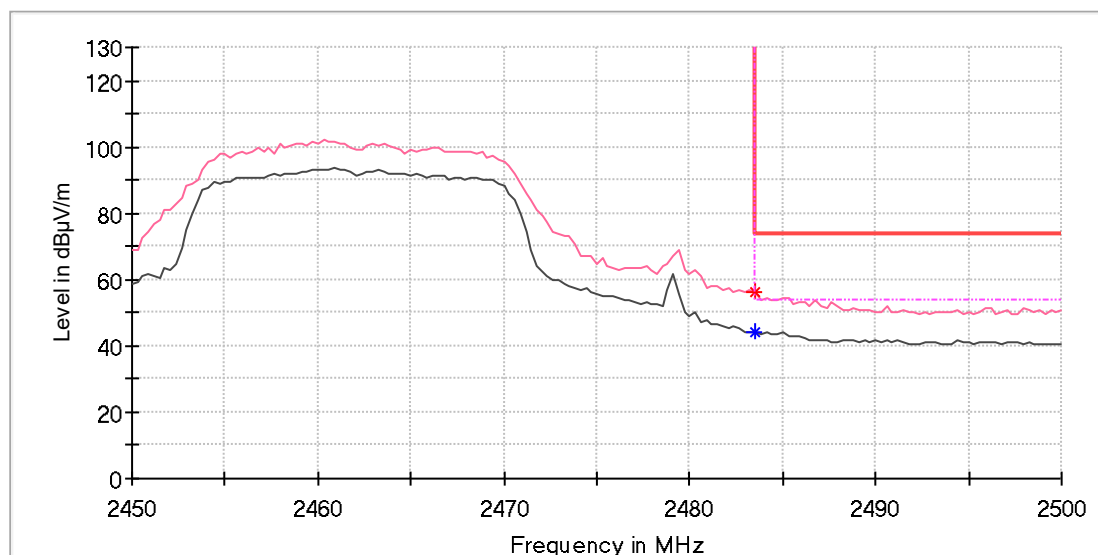
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	---	48.81	54.00	5.19	150.0	H	0.0	9.0
2483.529412	60.13	---	74.00	13.87	150.0	H	0.0	9.0

Final Result

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

EUT Name:	WIFI+BT Module
Model:	WKT82R1501
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	168582607/A004129867-005
Test Voltage:	DC 3.3V
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)
2483.529412	56.19	---	74.00	17.81	150.0	V	338.0	9.0
2483.529412	---	44.37	54.00	9.63	150.0	V	338.0	9.0

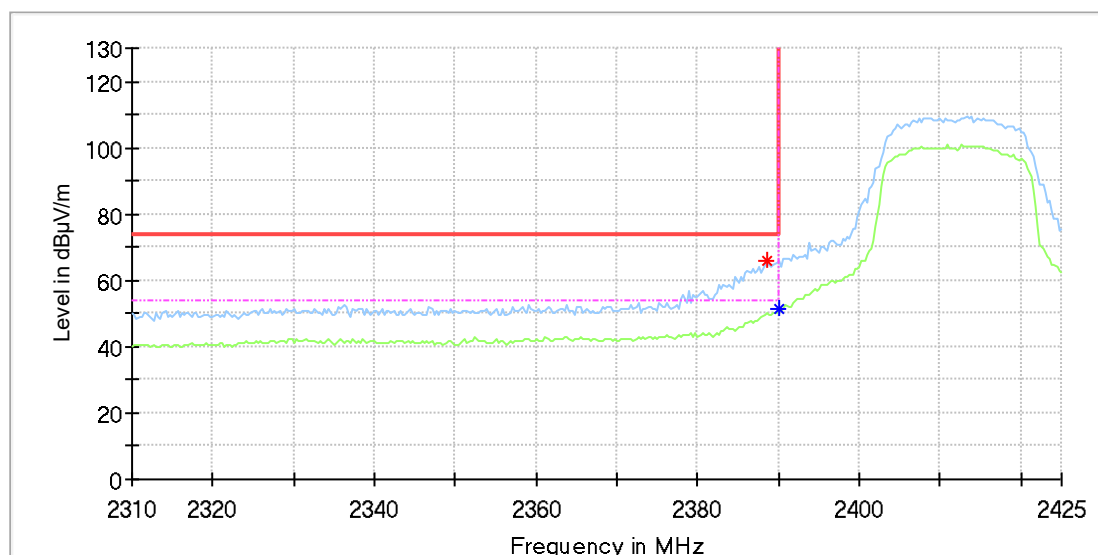
Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Wi-Fi 802.11 n(HT20) mode

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKT82R1501
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168582607/A004129867-005
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

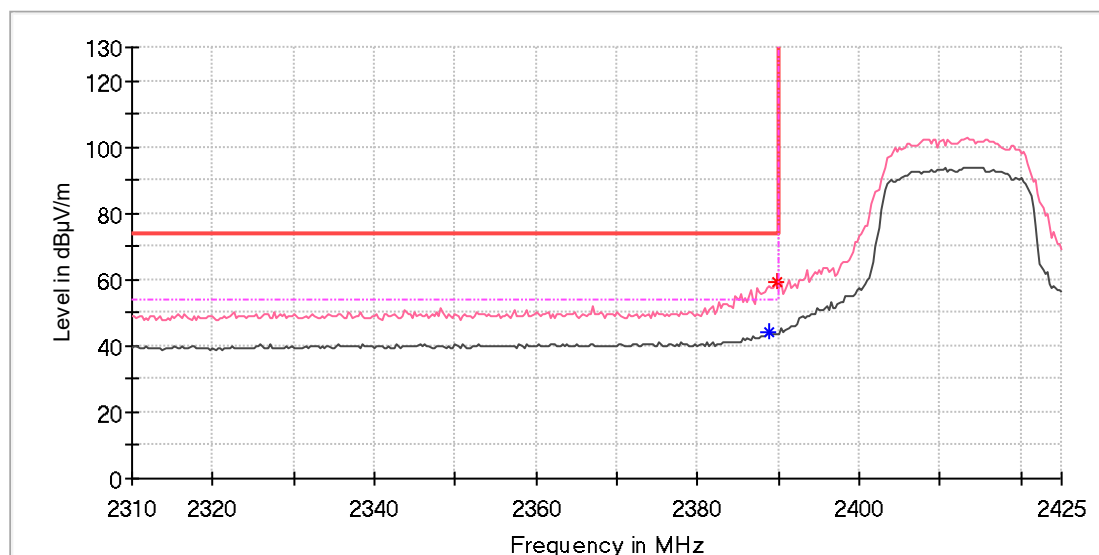
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.529412	65.98	---	74.00	8.02	150.0	H	0.0	8.5
2390.000000	---	51.15	54.00	2.85	150.0	H	0.0	8.5

Final Result

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

EUT Name:	WIFI+BT Module
Model:	WKT82R1501
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168582607/A004129867-005
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

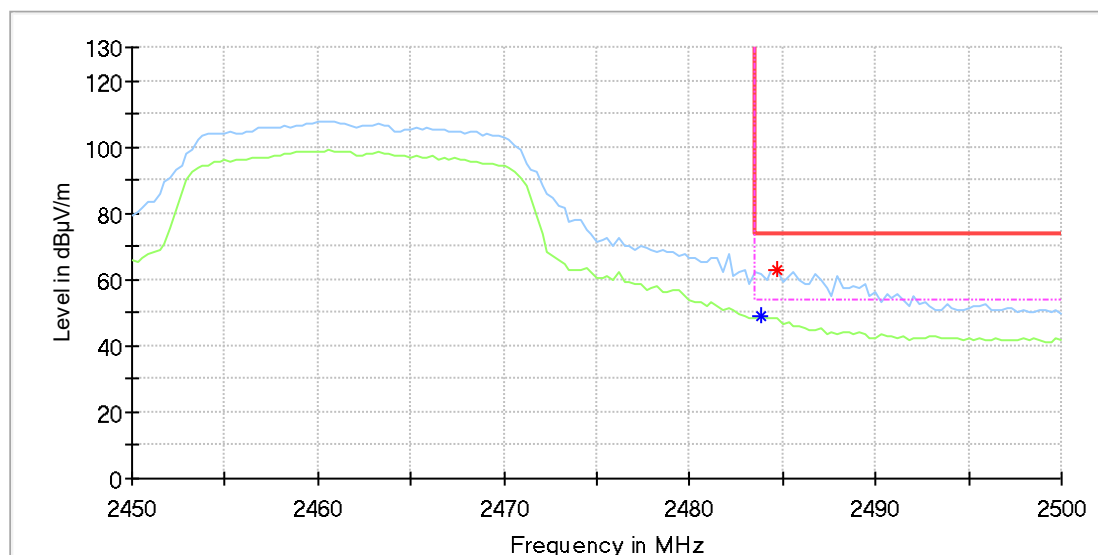
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.823529	---	43.99	54.00	10.01	150.0	V	345.0	8.5
2389.705882	59.04	---	74.00	14.96	150.0	V	330.0	8.5

Final Result

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

EUT Name:	WIFI+BT Module
Model:	WKT82R1501
Test Mode:	WIFI 2.4G_11n20_Ch11
Order No/Sample No:	168582607/A004129867-005
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

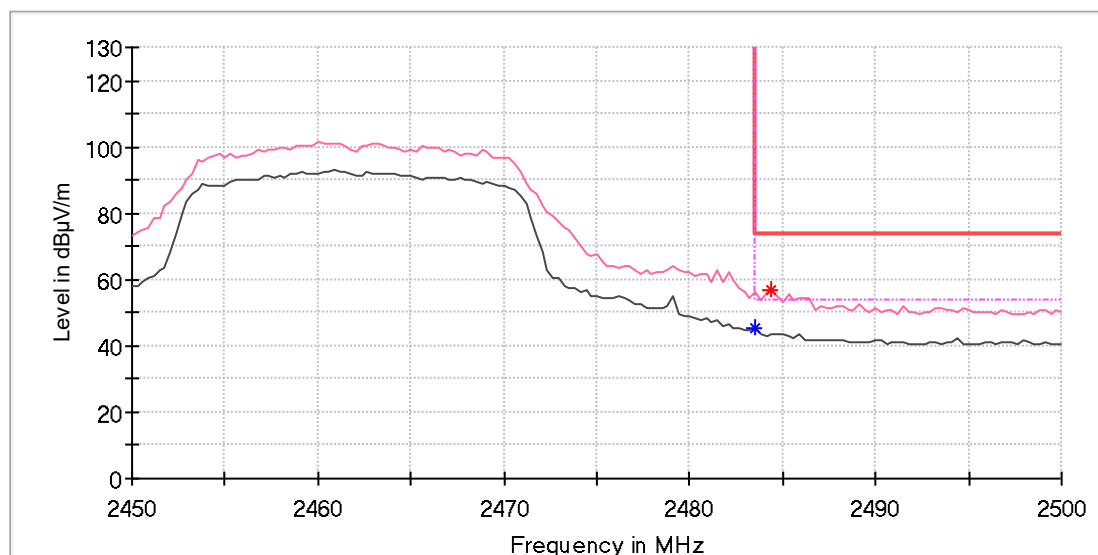
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	---	48.87	54.00	5.13	150.0	H	81.0	9.0
2484.705882	63.03	---	74.00	10.97	150.0	H	359.0	9.0

Final Result

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

EUT Name:	WIFI+BT Module
Model:	WKT82R1501
Test Mode:	WIFI 2.4G_11n20_Ch11
Order No/Sample No:	168582607/A004129867-005
Test Voltage:	DC 3.3V
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)
2483.529412	---	45.25	54.00	8.75	150.0	V	306.0	9.0
2484.411765	56.66	---	74.00	17.34	150.0	V	313.0	9.0

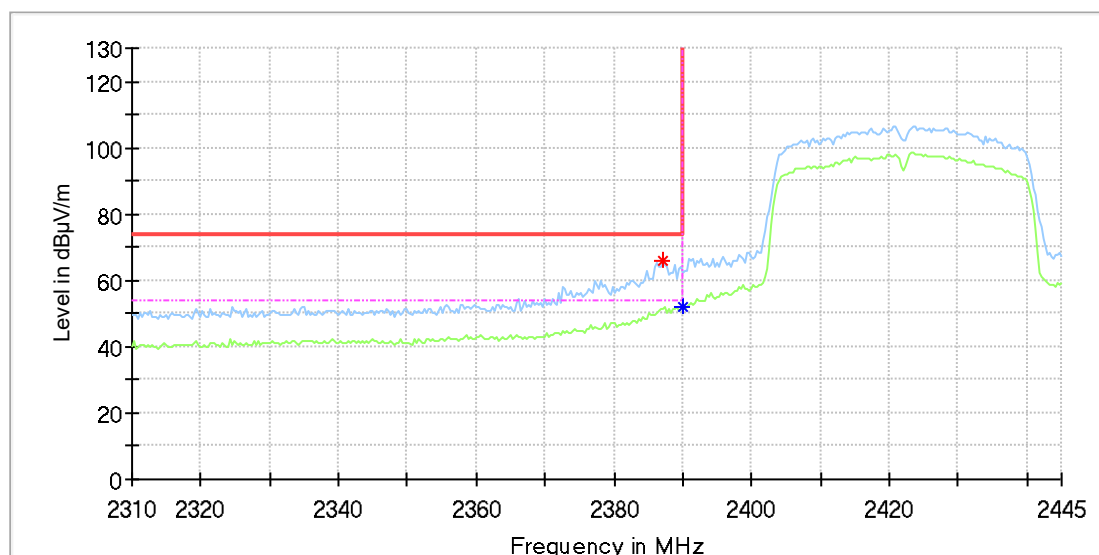
Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Wi-Fi 802.11 n(HT40) mode

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKT82R1501
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	168582607/A004129867-005
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

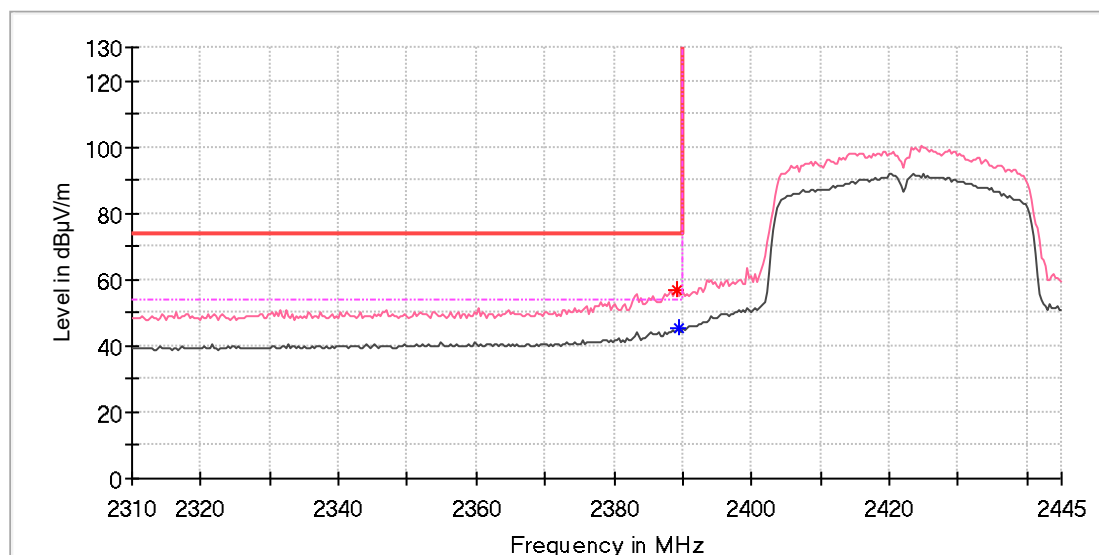
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.058824	66.21	---	74.00	7.79	150.0	H	17.0	8.5
2390.000000	---	51.78	54.00	2.22	150.0	H	17.0	8.5

Final Result

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

EUT Name:	WIFI+BT Module
Model:	WKT82R1501
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	168582607/A004129867-005
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

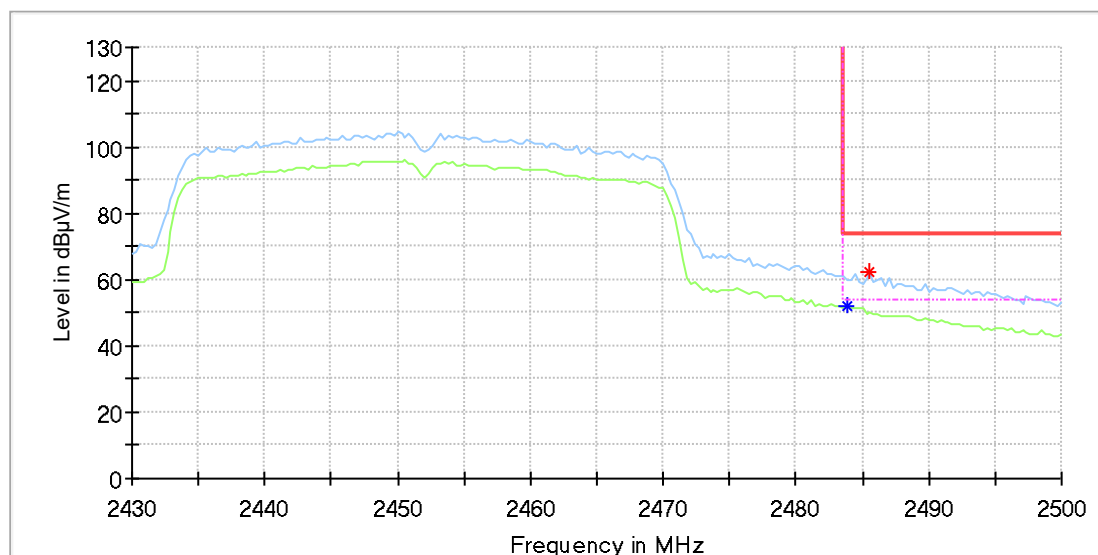
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.117647	56.73	---	74.00	17.27	150.0	V	323.0	8.5
2389.411765	---	45.37	54.00	8.63	150.0	V	356.0	8.5

Final Result

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

EUT Name:	WIFI+BT Module
Model:	WKT82R1501
Test Mode:	WIFI 2.4G_11n40_Ch9
Order No/Sample No:	168582607/A004129867-005
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

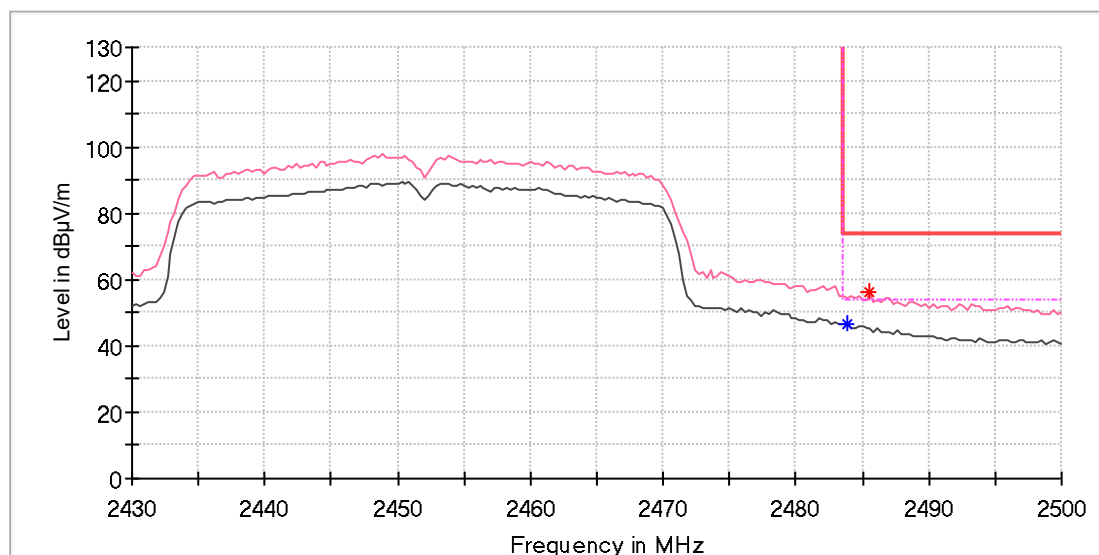
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	---	51.72	54.00	2.28	150.0	H	0.0	9.0
2485.588235	62.03	---	74.00	11.97	150.0	H	4.0	9.0

Final Result

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

EUT Name:	WIFI+BT Module
Model:	WKT82R1501
Test Mode:	WIFI 2.4G_11n40_Ch9
Order No/Sample No:	168582607/A004129867-005
Test Voltage:	DC 3.3V
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	---	46.34	54.00	7.66	150.0	V	300.0	9.0
2485.588235	56.02	---	74.00	17.98	150.0	V	306.0	9.0

Final Result

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