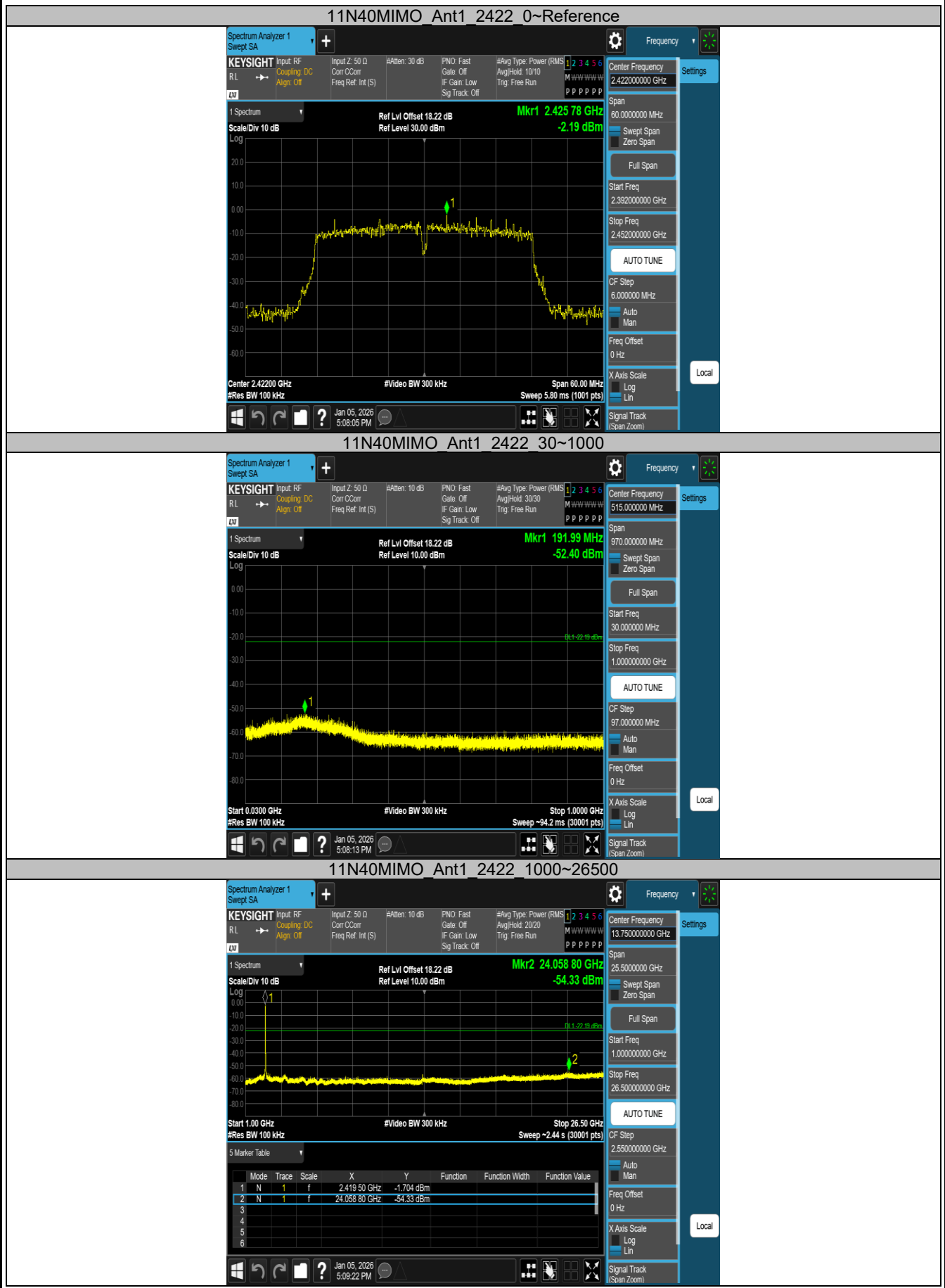
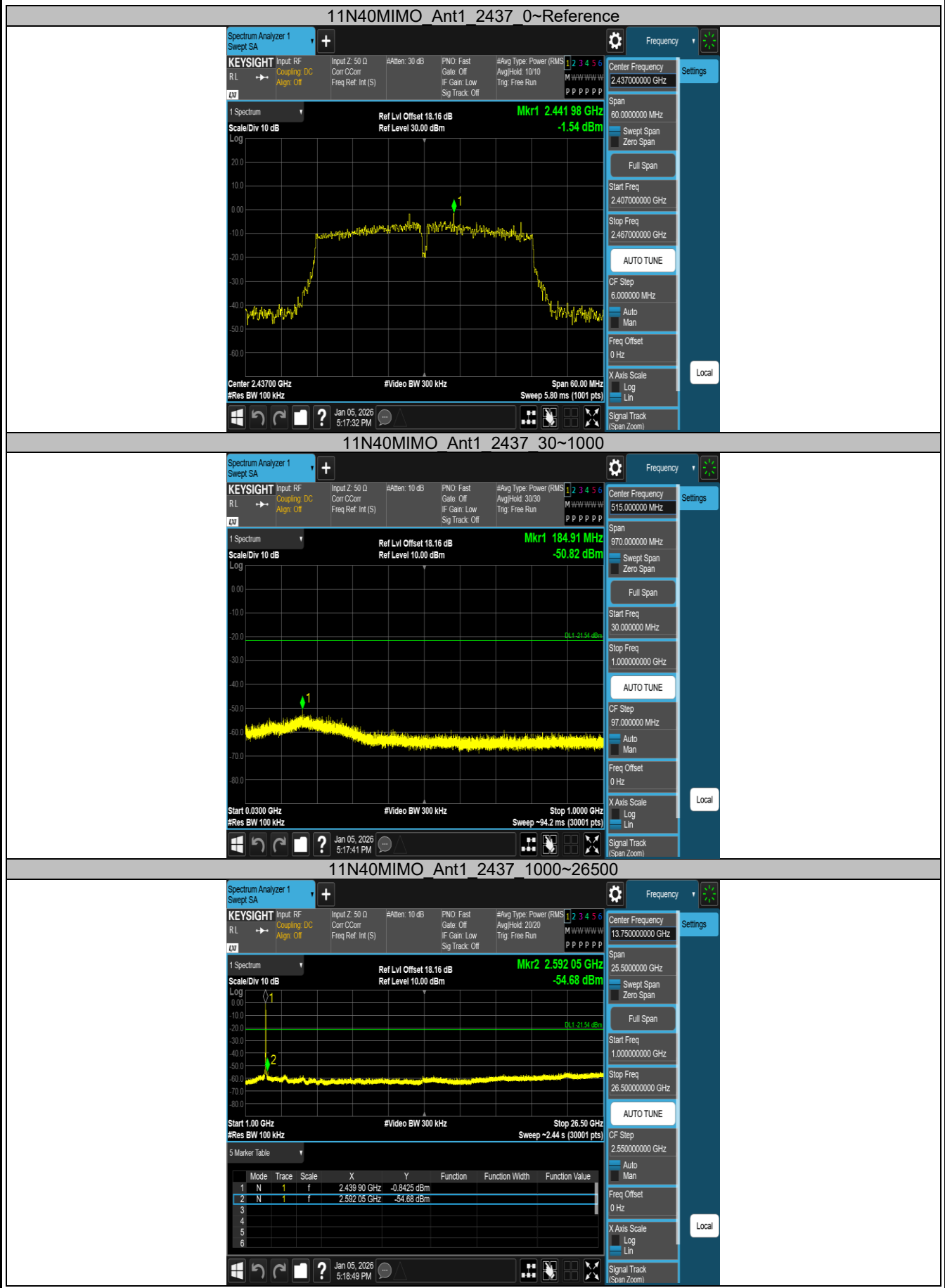
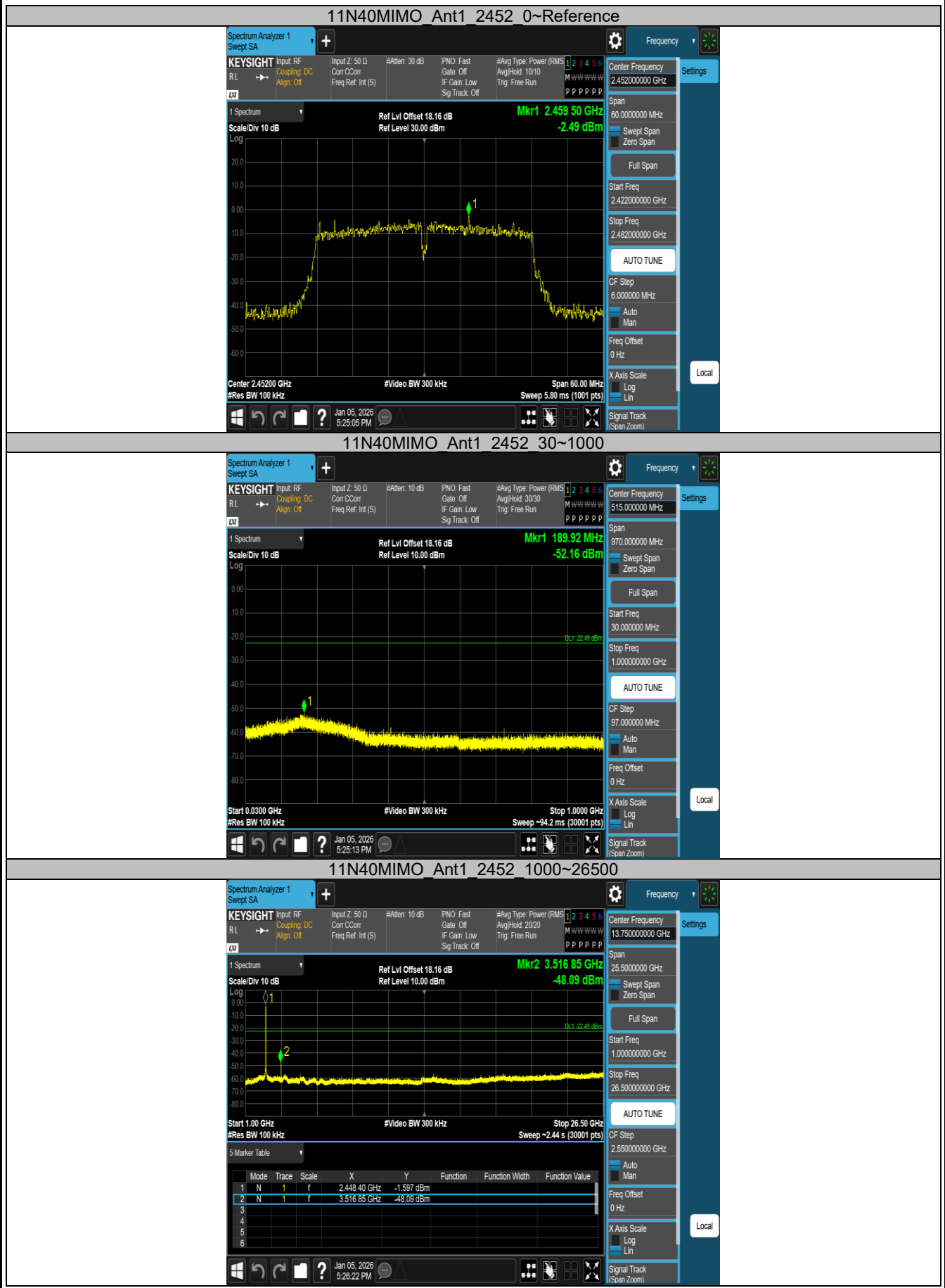








Appendix A.6: Test Results of Radiated Spurious Emissions

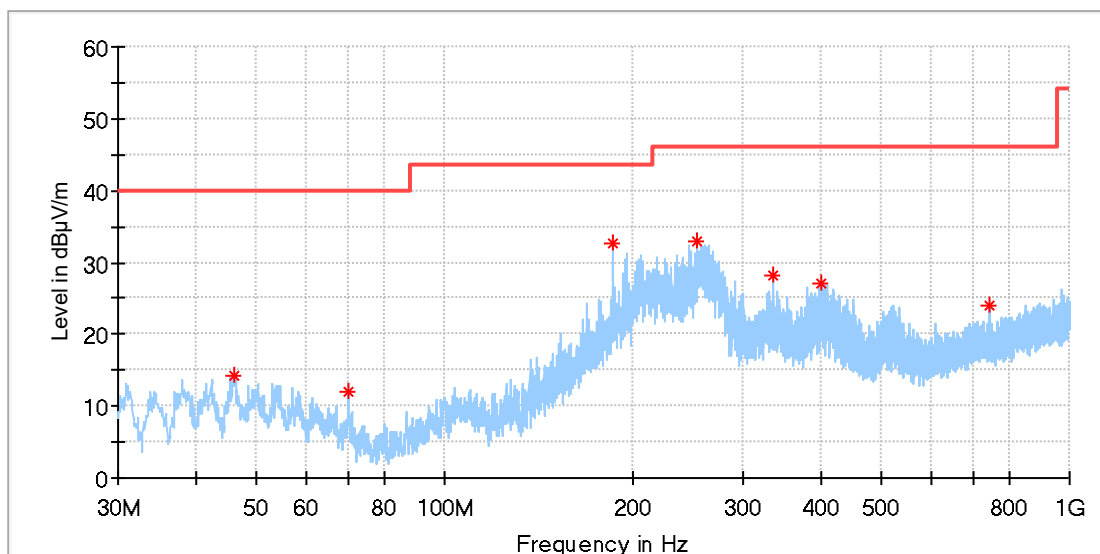
Note:

- 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:	WKCT2VM2511
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168583409/A004135263-004
Test Voltage:	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

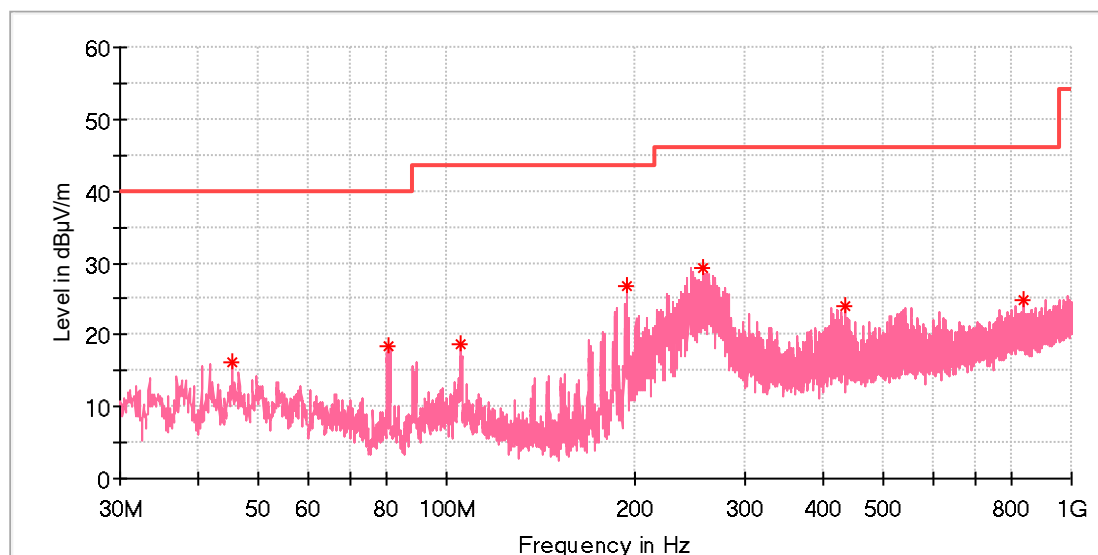
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.897222	14.11	40.00	25.89	100.0	H	359.0	-18.8
70.201111	12.10	40.00	27.90	100.0	H	313.0	-22.0
186.331667	32.60	43.50	10.90	100.0	H	118.0	-20.0
252.884444	32.82	46.00	13.18	100.0	H	217.0	-17.3
334.633889	28.31	46.00	17.69	100.0	H	75.0	-15.2
399.462222	27.19	46.00	18.81	100.0	H	75.0	-13.8
742.518889	24.00	46.00	22.00	100.0	H	348.0	-7.2

Final_Result

Frequency (MHz)	QuasiPeak (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:	WKCT2VM2511
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168583409/A004135263-004
Test Voltage:	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



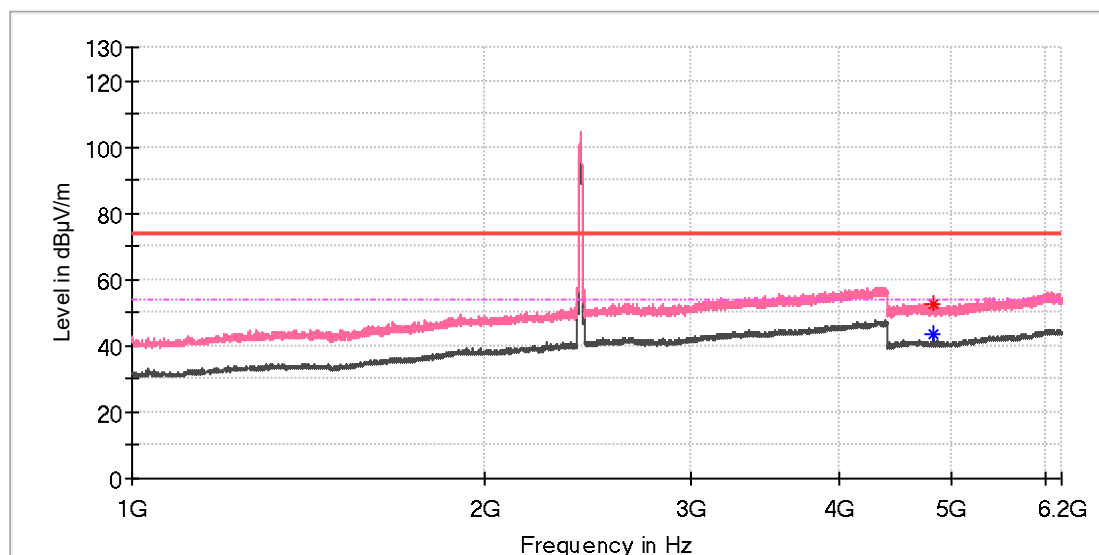
Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.358333	16.07	40.00	23.93	100.0	V	42.0	-18.9
80.817222	18.41	40.00	21.59	100.0	V	250.0	-23.4
104.959444	18.62	43.50	24.88	100.0	V	162.0	-18.9
194.684444	26.91	43.50	16.59	100.0	V	214.0	-19.3
257.572778	29.35	46.00	16.65	100.0	V	264.0	-17.2
432.873333	23.98	46.00	22.02	100.0	V	178.0	-13.1
836.285556	24.81	46.00	21.19	100.0	V	351.0	-5.5

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Name:	WIFI+BT Module
Model:	WKCT2VM2511
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168583409/A004135263-004
Test Voltage:	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

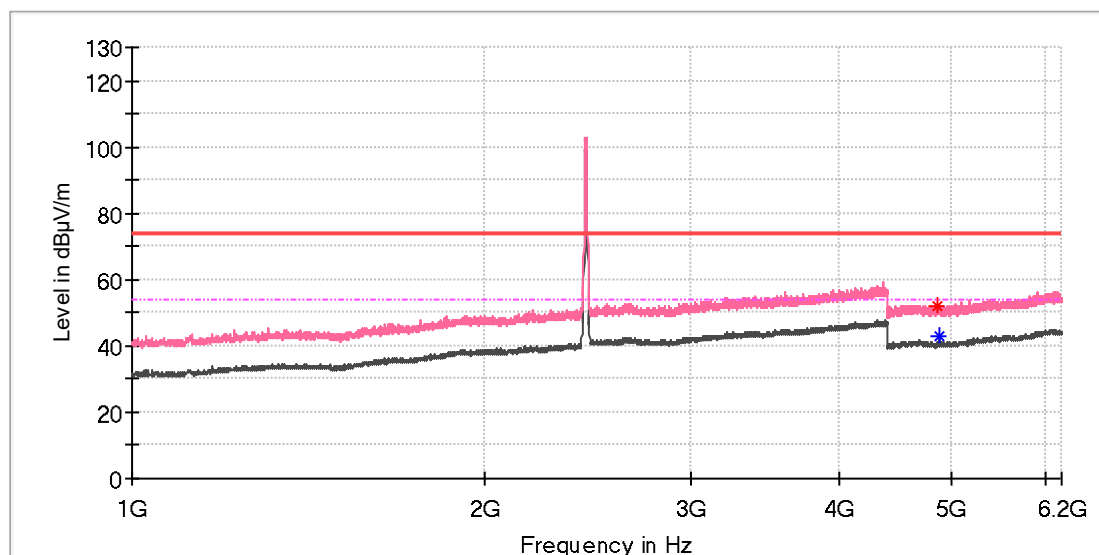


Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4824.000000	52.76	---	74.00	21.24	150.0	V	261.0	13.3
4824.000000	---	43.74	54.00	10.26	150.0	V	261.0	13.3

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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Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	PoI	Azimuth (deg)	Corr. (dB/m)
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EUT Name:	WIFI+BT Module
Model:	WKCT2VM2511
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168583409/A004135263-004
Test Voltage:	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

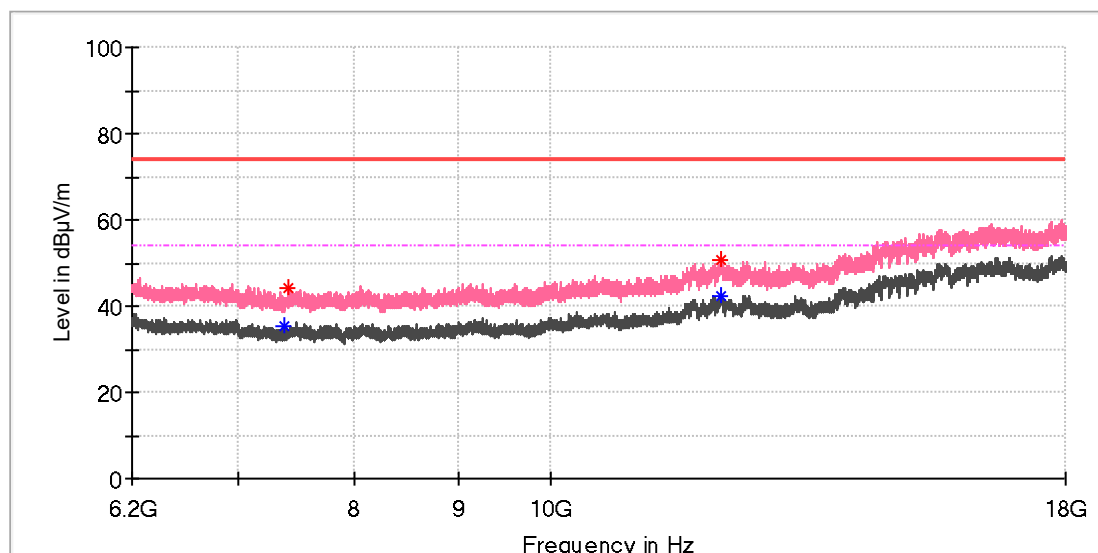


Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4863.500000	52.05	---	74.00	21.95	150.0	V	21.0	13.3
4874.000000	---	42.84	54.00	11.16	150.0	V	291.0	13.3

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:	WKCT2VM2511
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168583409/A004135263-004
Test Voltage:	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7379.508333	---	35.34	54.00	18.66	150.0	V	184.0	8.2
7404.091667	44.32	---	74.00	29.68	150.0	V	87.0	8.3
12145.233333	50.57	---	74.00	23.43	150.0	V	143.0	16.6
12153.591667	---	42.49	54.00	11.51	150.0	V	98.0	16.5

Final Result

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

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

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

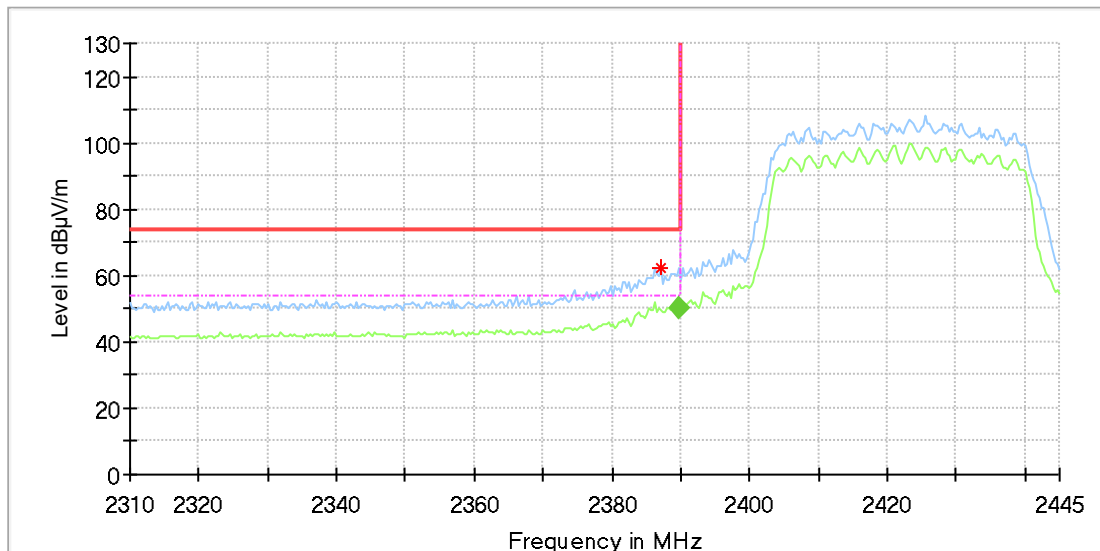
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---		---	---

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

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: WKCT2VM2511
Test Mode: WIFI 2.4G_11n40_Ch3
Order No/Sample No: 168583409/A004135263-004
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

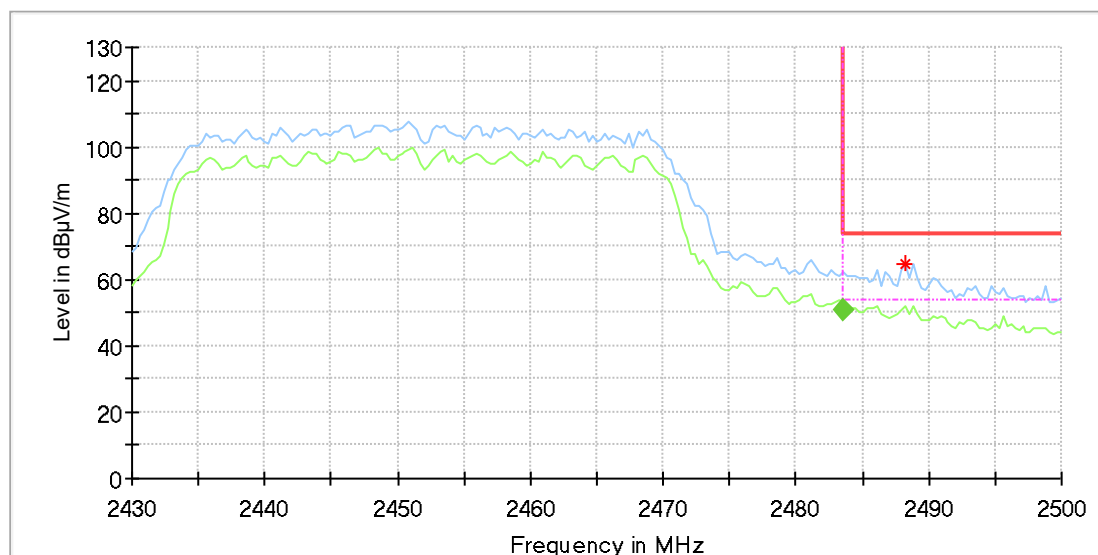
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.705882	62.47	---	74.00	11.53	150.0	H	276.0	8.5

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.705882	---	50.31	54.00	3.69	150.0	H	187.0	8.5

EUT Information

EUT Name: WIFI+BT Module
Model: WKCT2VM2511
Test Mode: WIFI 2.4G_11n40_Ch9
Order No/Sample No: 168583409/A004135263-004
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2488.235294	64.68	---	74.00	9.32	150.0	H	307.0	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)
2483.529412	---	50.89	54.00	3.11	150.0	H	203.0	9.0

