







11AX20MIMO_Ant1_5580



11AX20MIMO_Ant2_5580



11AX20MIMO_Ant1_5700





11AX20MIMO_Ant1_5785



11AX20MIMO_Ant2_5785



11AX20MIMO_Ant1_5825



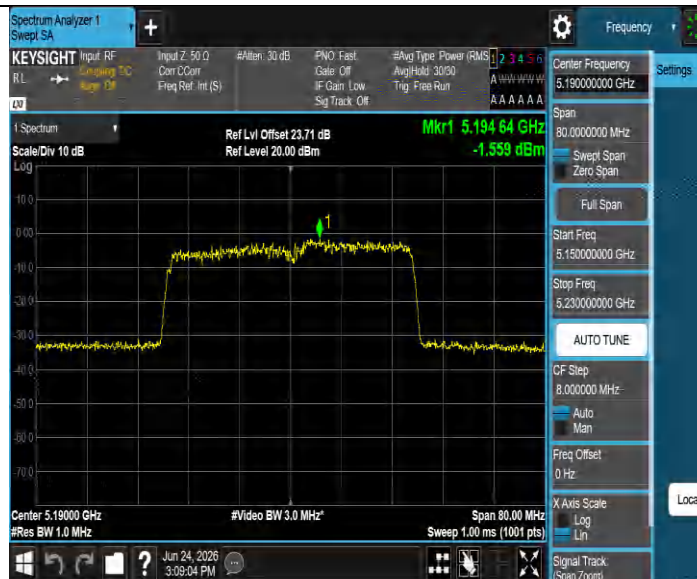
11AX20MIMO_Ant2_5825



11AX40MIMO_Ant1_5190



11AX40MIMO_Ant2_5190



11AX40MIMO_Ant1_5230

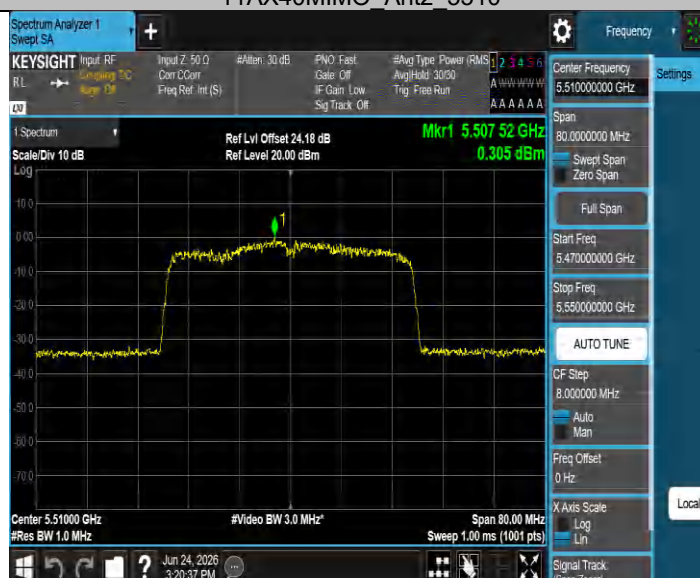
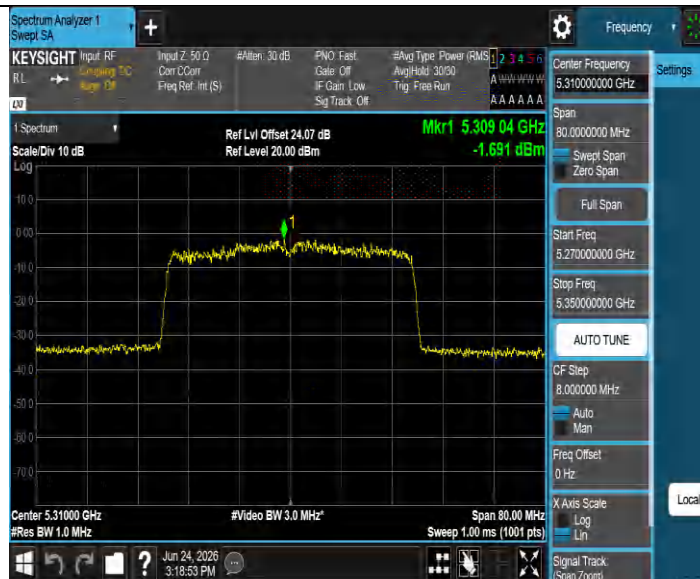


11AX40MIMO_Ant2_5230



11AX40MIMO_Ant1_5270









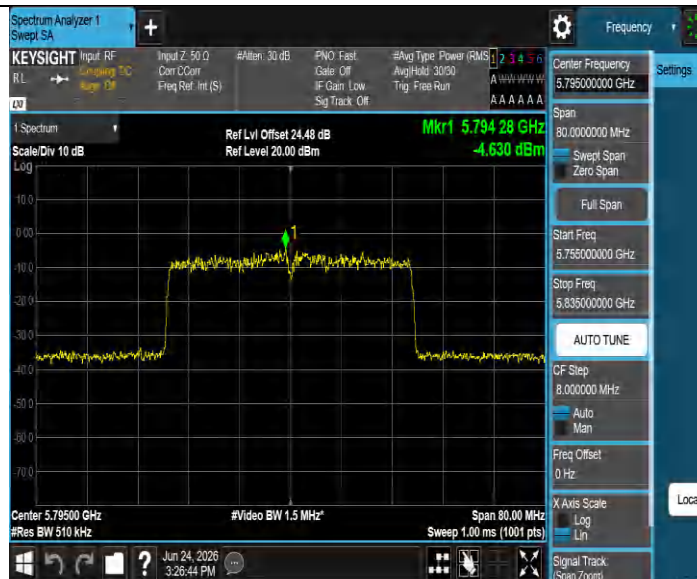
11AX40MIMO_Ant1_5755



11AX40MIMO_Ant2_5755



11AX40MIMO_Ant1_5795



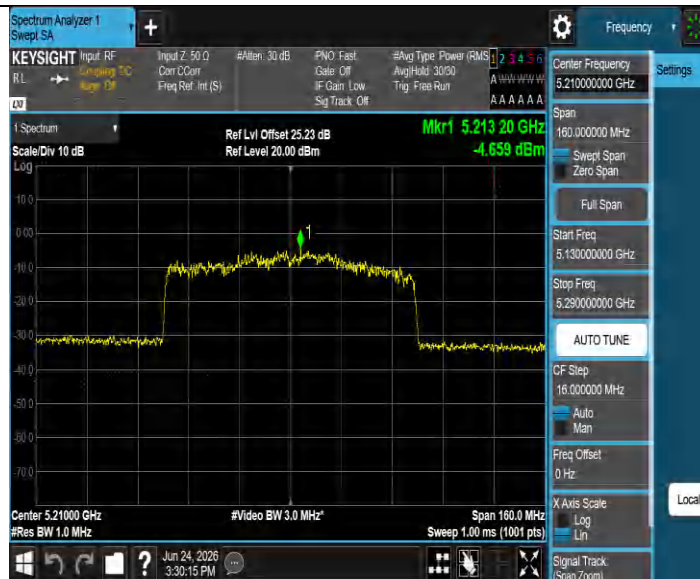
11AX40MIMO_Ant2_5795



11AX80MIMO_Ant1_5210



11AX80MIMO_Ant2_5210



11AX80MIMO_Ant1_5290



11AX80MIMO_Ant2_5290



11AX80MIMO_Ant1_5530



11AX80MIMO_Ant2_5530



11AX80MIMO_Ant1_5610



11AX80MIMO_Ant2_5610



Appendix A.6: Test Results of Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20MIMO	Ant1	5180	NV	NT	-49800.00	-9.613900	20	PASS
		5200	NV	NT	-47100.00	-9.057692	20	PASS
		5240	NV	NT	-42900.00	-8.187023	20	PASS
		5260	NV	NT	-42000.00	-7.984791	20	PASS
		5280	NV	NT	-40800.00	-7.727273	20	PASS
		5320	NV	NT	-41400.00	-7.781955	20	PASS
		5500	NV	NT	-42600.00	-7.745455	20	PASS
		5580	NV	NT	-43800.00	-7.849462	20	PASS
		5700	NV	NT	-43500.00	-7.631579	20	PASS
		5745	NV	NT	-44100.00	-7.676240	20	PASS
		5785	NV	NT	-44700.00	-7.726880	20	PASS
		5825	NV	NT	-44700.00	-7.673820	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20MIMO	Ant1	5180	NV	0	-50100.00	-9.671815	20	PASS
			NV	40	-50100.00	-9.671815	20	PASS
		5200	NV	0	-45300.00	-8.711538	20	PASS
			NV	40	-43800.00	-8.423077	20	PASS
		5240	NV	0	-42900.00	-8.187023	20	PASS
			NV	40	-42900.00	-8.187023	20	PASS
		5260	NV	0	-41100.00	-7.813688	20	PASS
			NV	40	-41100.00	-7.813688	20	PASS
		5280	NV	0	-40800.00	-7.727273	20	PASS
			NV	40	-40800.00	-7.727273	20	PASS
		5320	NV	0	-40800.00	-7.669173	20	PASS
			NV	40	-41100.00	-7.725564	20	PASS
		5500	NV	0	-42900.00	-7.800000	20	PASS
			NV	40	-42900.00	-7.800000	20	PASS
		5580	NV	0	-43500.00	-7.795699	20	PASS
			NV	40	-42900.00	-7.688172	20	PASS
		5700	NV	0	-43200.00	-7.578947	20	PASS
			NV	40	-42900.00	-7.526316	20	PASS
		5745	NV	0	-44400.00	-7.728460	20	PASS
			NV	40	-44700.00	-7.780679	20	PASS
		5785	NV	0	-45000.00	-7.778738	20	PASS
			NV	40	-44700.00	-7.726880	20	PASS
		5825	NV	0	-44700.00	-7.673820	20	PASS
			NV	40	-44700.00	-7.673820	20	PASS

Appendix A.7: Test Results of Radiated Spurious Emissions

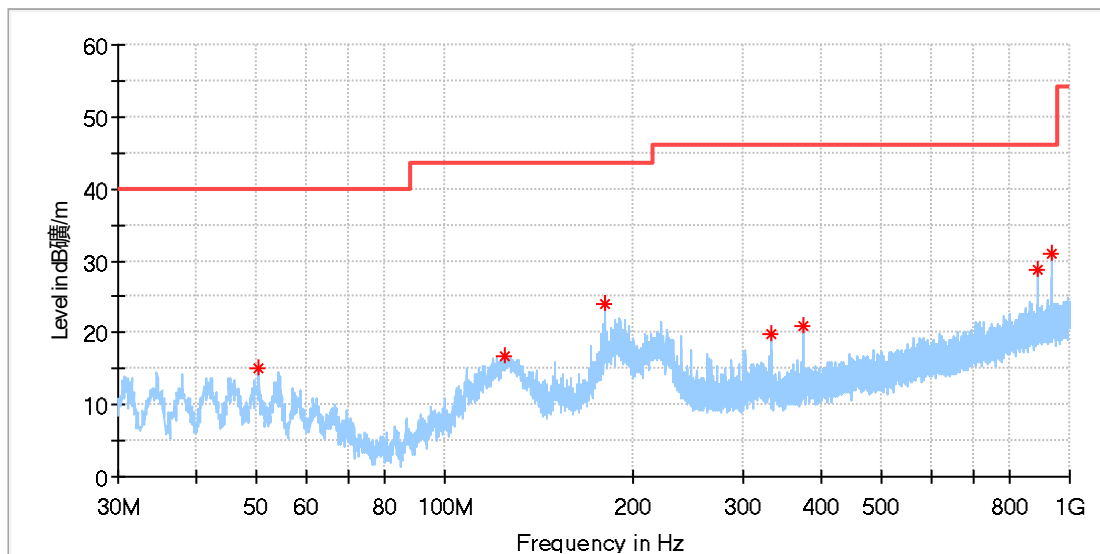
Note:

- 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 above 18GHz 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:	WKXT1AM2511
Test Mode:	WIFI 5G_11a_Ch40
Order No/Sample No:	27233930/A004270738-001
Test Voltage:	DC 3.3V
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

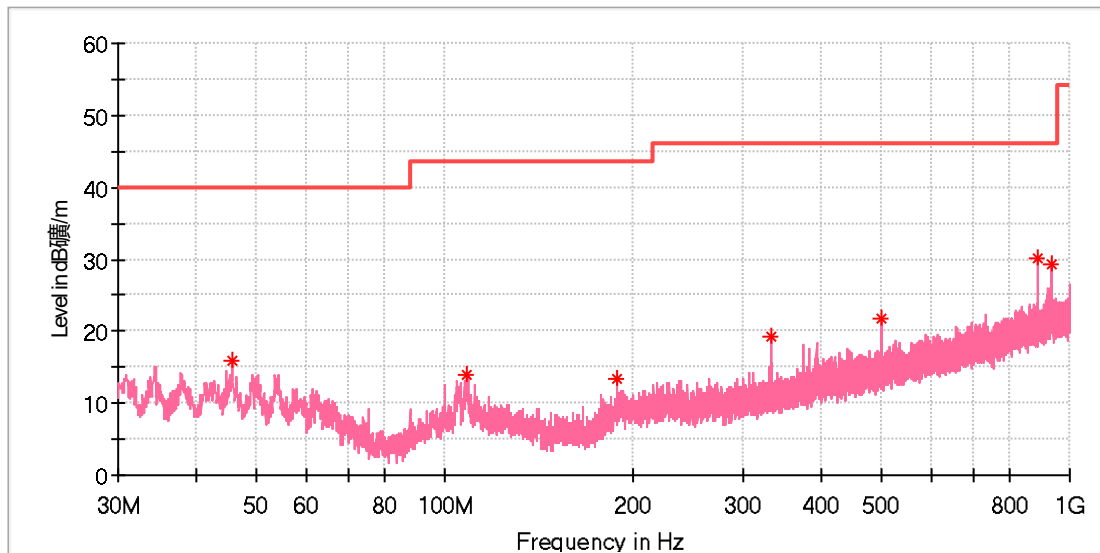
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
50.423889	15.08	40.00	24.92	100.0	H	255.0	-18.4
124.305556	16.79	43.50	26.71	100.0	H	352.0	-21.3
180.835000	23.93	43.50	19.57	100.0	H	129.0	-20.5
332.909444	19.93	46.00	26.07	100.0	H	263.0	-15.2
374.996667	20.93	46.00	25.07	100.0	H	325.0	-14.3
890.982778	28.66	46.00	17.34	100.0	H	85.0	-4.9
937.542778	31.01	46.00	14.99	100.0	H	317.0	-4.4

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: WKXT1AM2511
Test Mode: WIFI 5G_11a_Ch40
Order No/Sample No: 27233930/A004270738-001
Test Voltage: DC 3.3V
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.627778	15.98	40.00	24.02	100.0	V	332.0	-18.8
108.785556	14.03	43.50	29.47	100.0	V	226.0	-19.1
188.325556	13.43	43.50	30.07	100.0	V	188.0	-19.8
332.855556	19.12	46.00	26.88	100.0	V	216.0	-15.2
498.025000	21.81	46.00	24.19	100.0	V	87.0	-11.9
890.982778	30.10	46.00	15.90	100.0	V	42.0	-4.9
936.249444	29.22	46.00	16.78	100.0	V	169.0	-4.4

Final Result

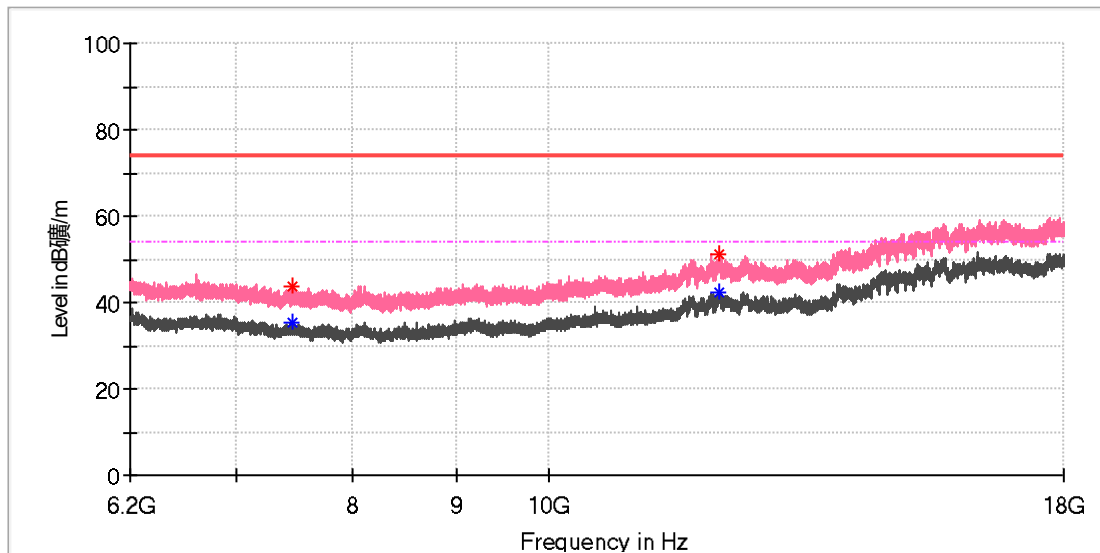
Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

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)
---	---	---	---	---	---		---	---

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT1AM2511
Test Mode:	WIFI 5G_11a_Ch40
Order No/Sample No:	27233930/A004270738-001
Test Voltage:	DC 3.3V
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7456.700000	43.56	---	74.00	30.44	150.0	V	0.0	8.5
7464.566667	---	35.20	54.00	18.80	150.0	V	252.0	8.6
12150.641667	---	42.47	54.00	11.53	150.0	V	354.0	16.7
12152.608333	51.01	---	74.00	22.99	150.0	V	354.0	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)
---	---	---	---	---	---		---	---

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)
100.00	100.00	100.00	100.00	100.00	100.00		100.00	

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	

[illegible]

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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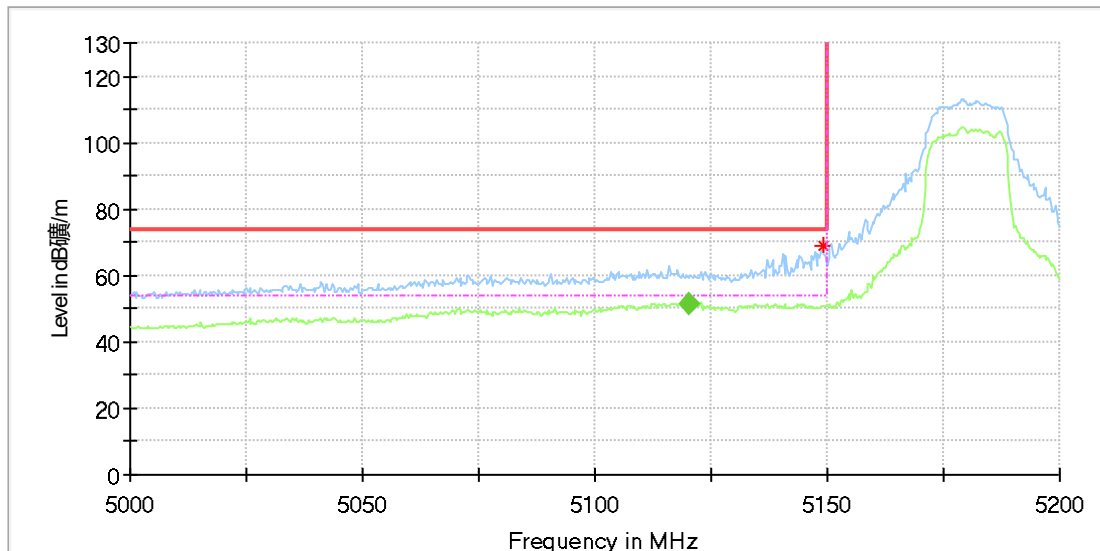
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix A.8: Test Results of Radiated Emissions in Restricted Bands

Wi-Fi 802.11 a mode

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT1AM2511
Test Mode:	WIFI 5G_11a_Ch36
Order No/Sample No:	27233930/A004270738-001
Test Voltage:	DC 3.3V
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

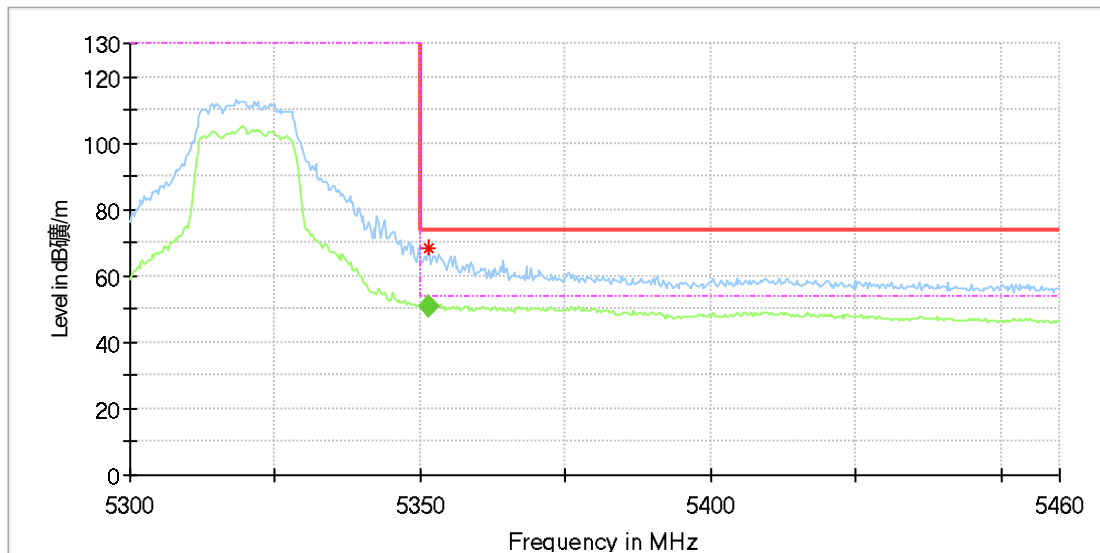
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5148.972222	68.71	---	74.00	5.29	150.0	H	241.0	13.9

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5120.300000	---	51.36	54.00	2.64	150.0	H	146.0	13.8

EUT Information

EUT Name: WIFI+BT Module
Model: WKXT1AM2511
Test Mode: WIFI 5G_11a_Ch64
Order No/Sample No: 27233930/A004270738-001
Test Voltage: DC 3.3V
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

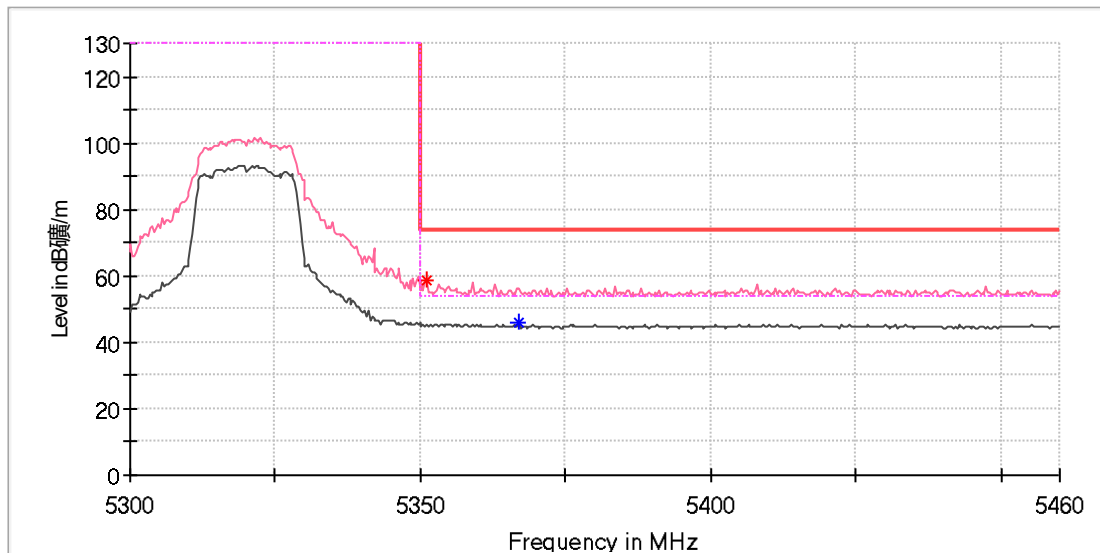
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5351.350000	68.15	---	74.00	5.85	150.0	H	272.0	14.8

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5351.350000	---	50.56	54.00	3.44	150.0	H	184.0	14.8

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT1AM2511
Test Mode:	WIFI 5G_11a_Ch64
Order No/Sample No:	27233930/A004270738-001
Test Voltage:	DC 3.3V
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

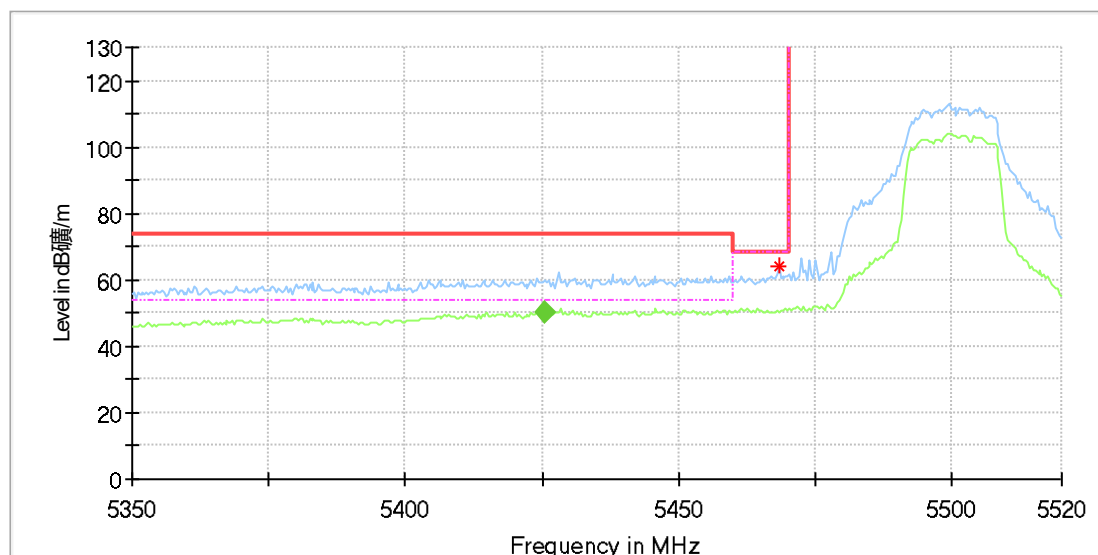
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5351.055556	58.95	---	74.00	15.05	150.0	V	144.0	14.8
5366.955556	---	45.72	54.00	8.28	150.0	V	12.0	14.8

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: WKXT1AM2511
 Test Mode: WIFI 5G_11a_Ch100
 Order No/Sample No: 27233930/A004270738-001
 Test Voltage: DC 3.3V
 Remark: Temp 23.2°C Humi:51%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

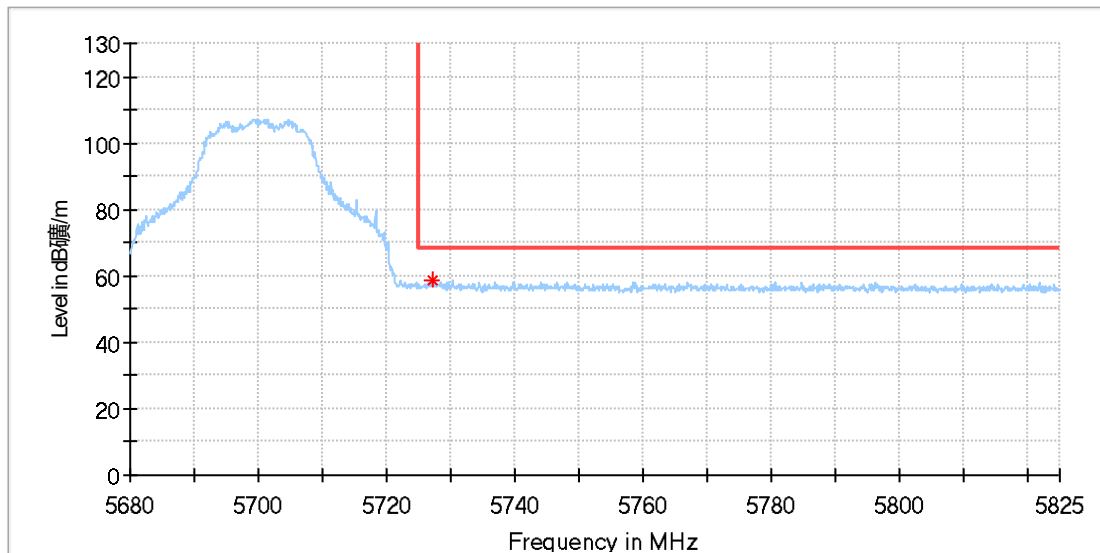
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5468.200000	63.93	---	68.20	4.27	150.0	H	229.0	15.1

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5425.500000	---	50.46	54.00	3.54	150.0	H	134.0	15.0

EUT Information

EUT Name: WIFI+BT Module
Model: WKXT1AM2511
Test Mode: WIFI 5G_11a_Ch140
Order No/Sample No: 27233930/A004270738-001
Test Voltage: DC 3.3V
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

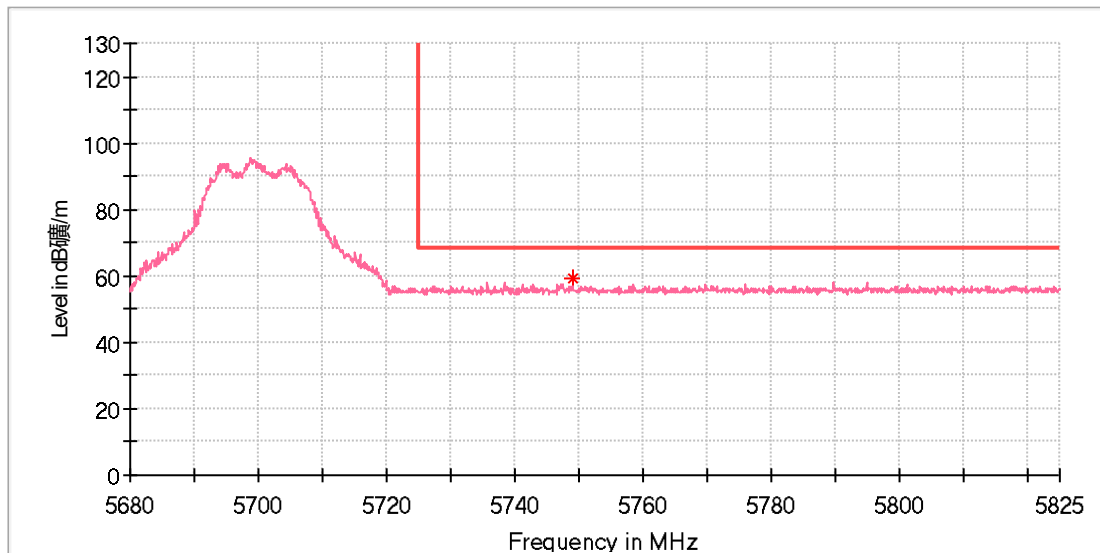
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5727.058333	58.62	68.20	9.58	150.0	H	140.0	15.4

Final Result

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

EUT Name: WIFI+BT Module
Model: WKXT1AM2511
Test Mode: WIFI 5G_11a_Ch140
Order No/Sample No: 27233930/A004270738-001
Test Voltage: DC 3.3V
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

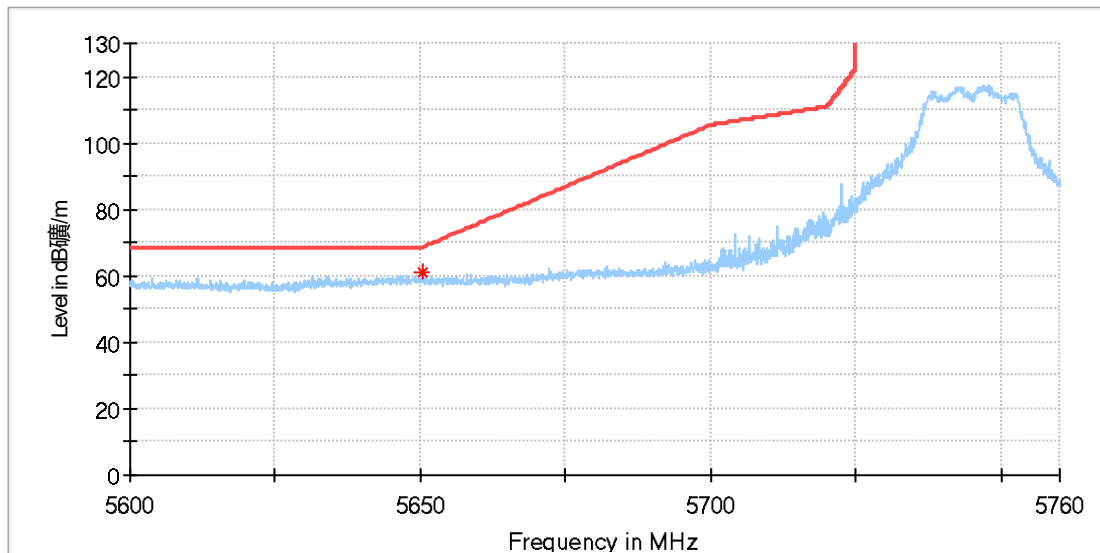
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5749.004167	59.18	68.20	9.02	150.0	V	0.0	15.4

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: WKXT1AM2511
Test Mode: WIFI 5G_11a_Ch149
Order No/Sample No: 27233930/A004270738-001
Test Voltage: DC 3.3V
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

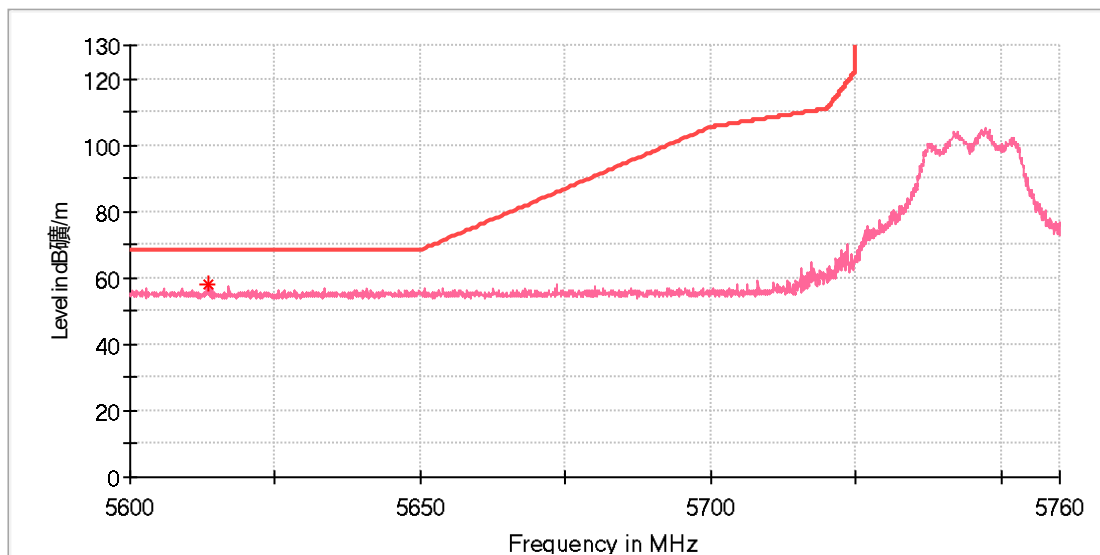
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5650.233333	60.82	68.37	7.55	150.0	H	20.0	15.3

Final Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WKXT1AM2511
Test Mode: WIFI 5G_11a_Ch149
Order No/Sample No: 27233930/A004270738-001
Test Voltage: DC 3.3V
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

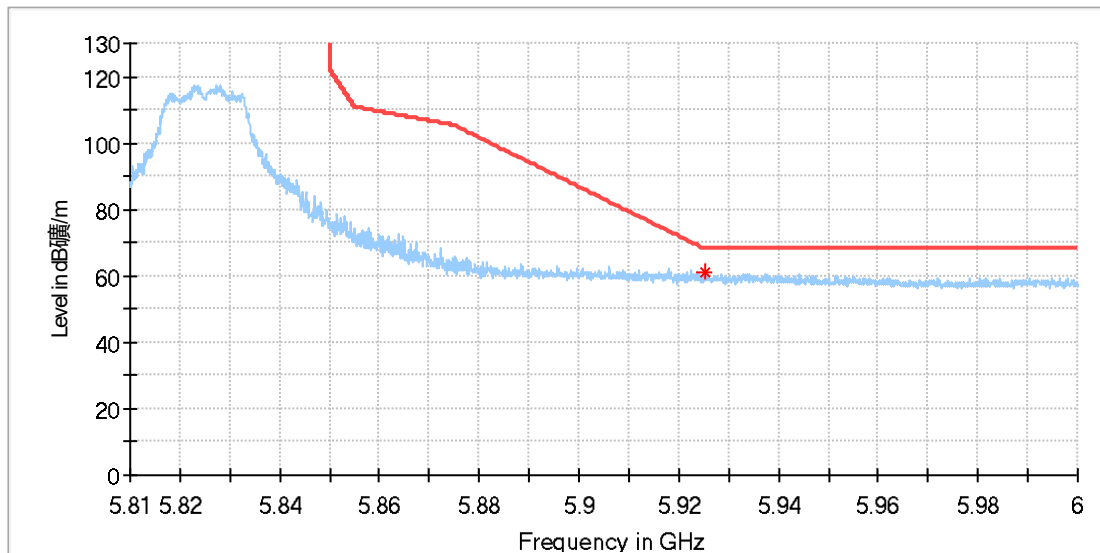
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5613.383333	57.97	68.20	10.23	150.0	V	205.0	15.3

Final Result

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

EUT Name: WIFI+BT Module
Model: WKXT1AM2511
Test Mode: WIFI 5G_11a_Ch165
Order No/Sample No: 27233930/A004270738-001
Test Voltage: DC 3.3V
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

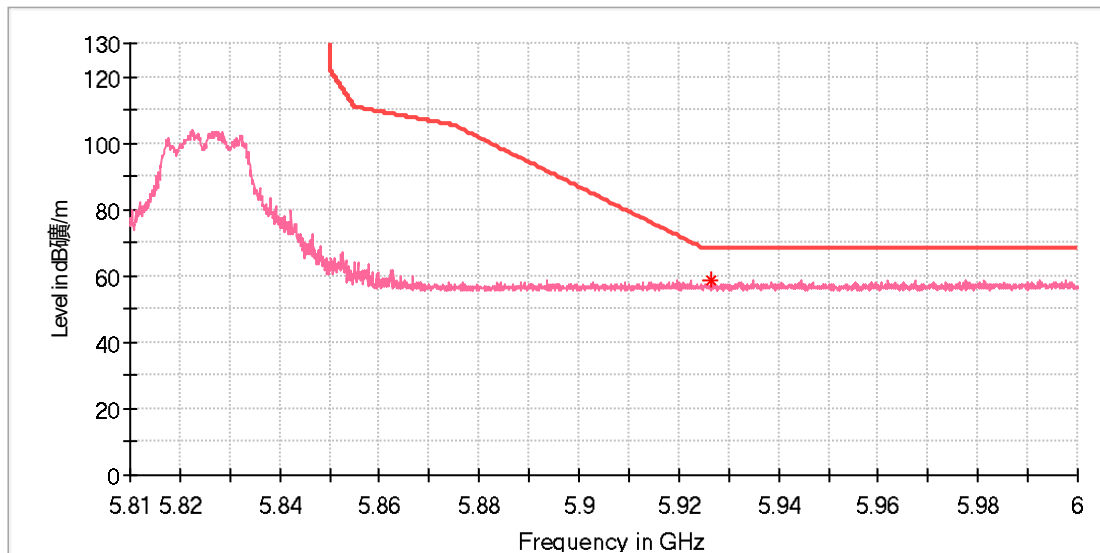
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5925.138889	61.20	68.20	7.00	150.0	H	125.0	16.1

Final Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WKXT1AM2511
Test Mode: WIFI 5G_11a_Ch165
Order No/Sample No: 27233930/A004270738-001
Test Voltage: DC 3.3V
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5926.513889	58.77	68.20	9.43	150.0	V	244.0	16.2

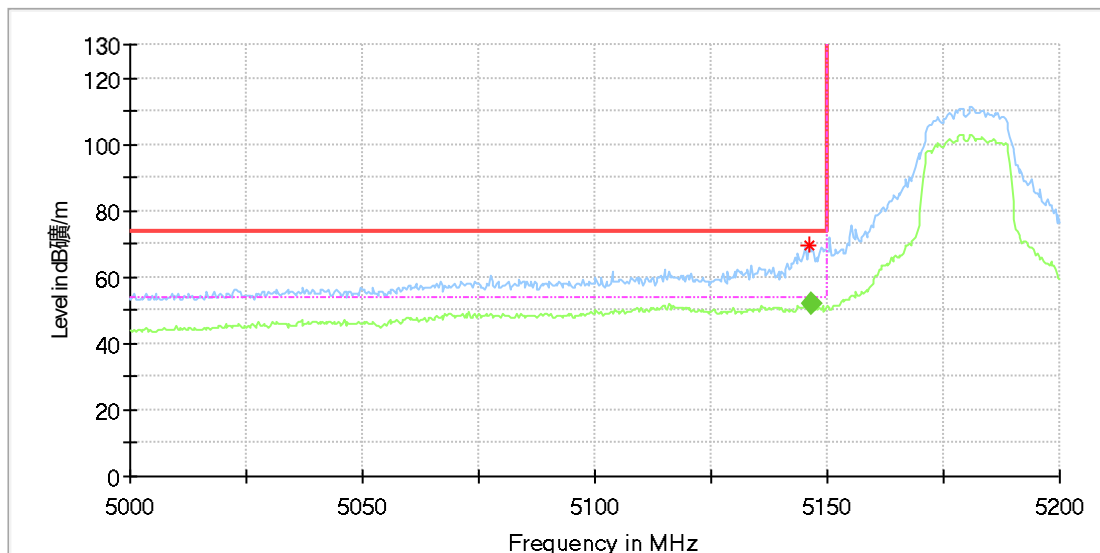
Final Result

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:	WKXT1AM2511
Test Mode:	WIFI 5G_11n20_Ch36
Order No/Sample No:	27233930/A004270738-001
Test Voltage:	DC 3.3V
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

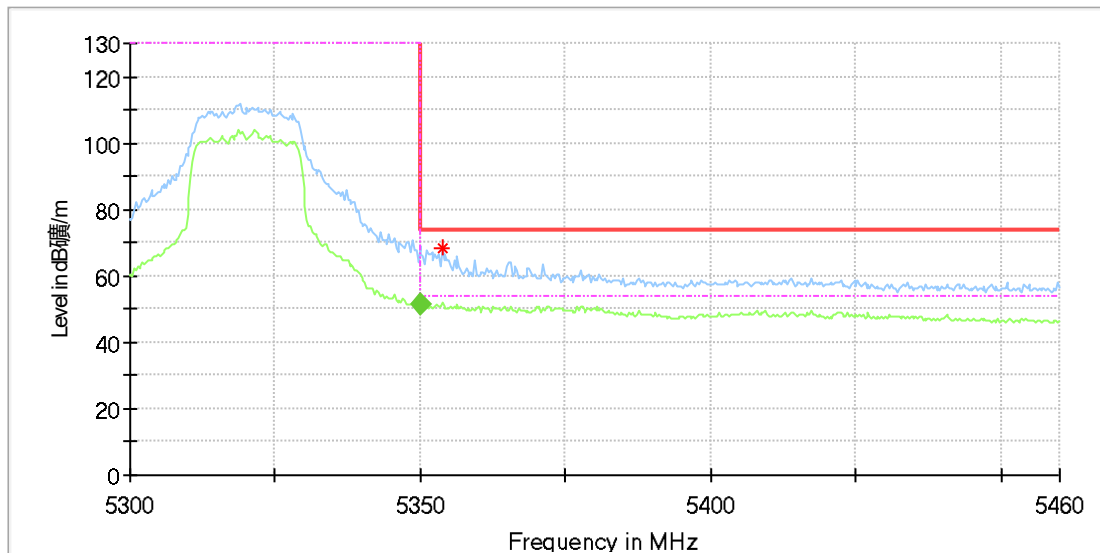
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5146.022222	69.42	---	74.00	4.58	150.0	H	141.0	13.9

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5146.350000	---	51.70	54.00	2.30	150.0	H	146.0	13.9

EUT Information

EUT Name: WIFI+BT Module
Model: WKXT1AM2511
Test Mode: WIFI 5G_11n20_Ch64
Order No/Sample No: 27233930/A004270738-001
Test Voltage: DC 3.3V
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

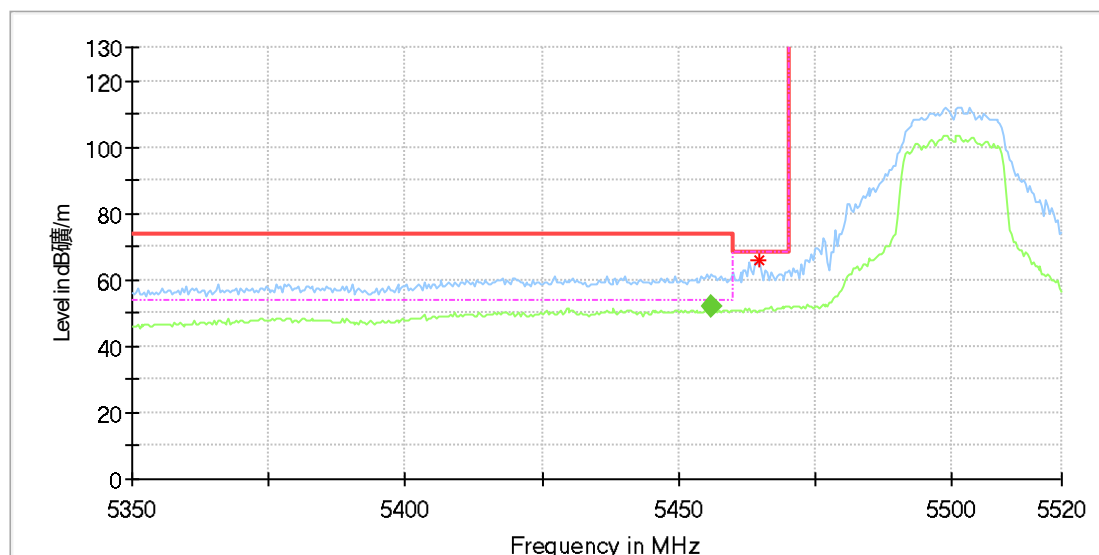
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5353.705556	68.19	---	74.00	5.81	150.0	H	140.0	14.8

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5350.172222	---	51.37	54.00	2.63	150.0	H	140.0	14.8

EUT Information

EUT Name: WIFI+BT Module
 Model: WKXT1AM2511
 Test Mode: WIFI 5G_11n20_Ch100
 Order No/Sample No: 27233930/A004270738-001
 Test Voltage: DC 3.3V
 Remark: Temp 23.2°C Humi:51%
 Test Standard: FCC 15.407
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5464.700000	65.78	---	68.20	2.42	150.0	H	228.0	15.1

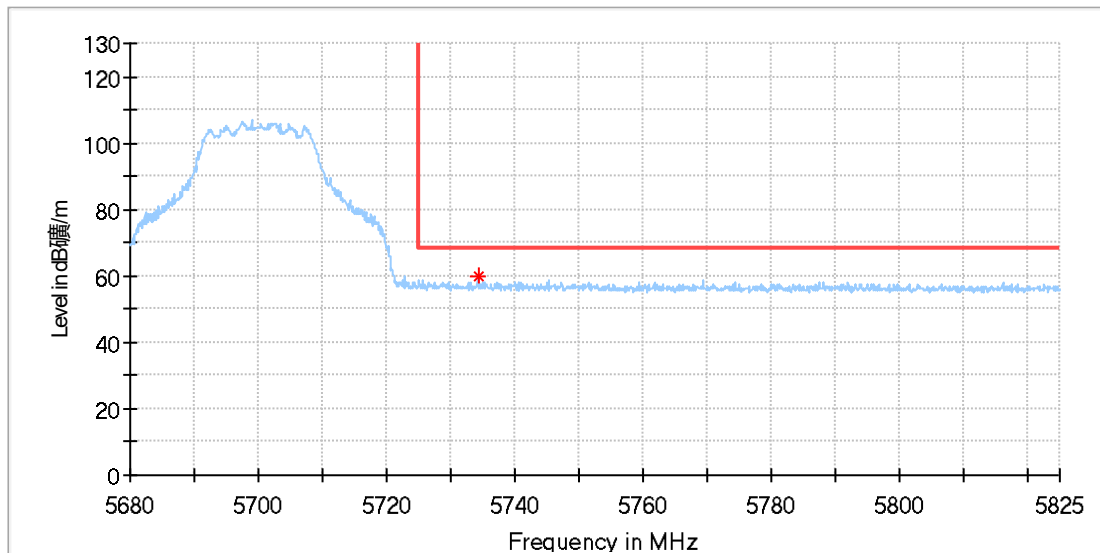
Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5455.950000	---	51.78	54.00	2.22	150.0	H	132.0	15.0

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: WKXT1AM2511
Test Mode: WIFI 5G_11n20_Ch140
Order No/Sample No: 27233930/A004270738-001
Test Voltage: DC 3.3V
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

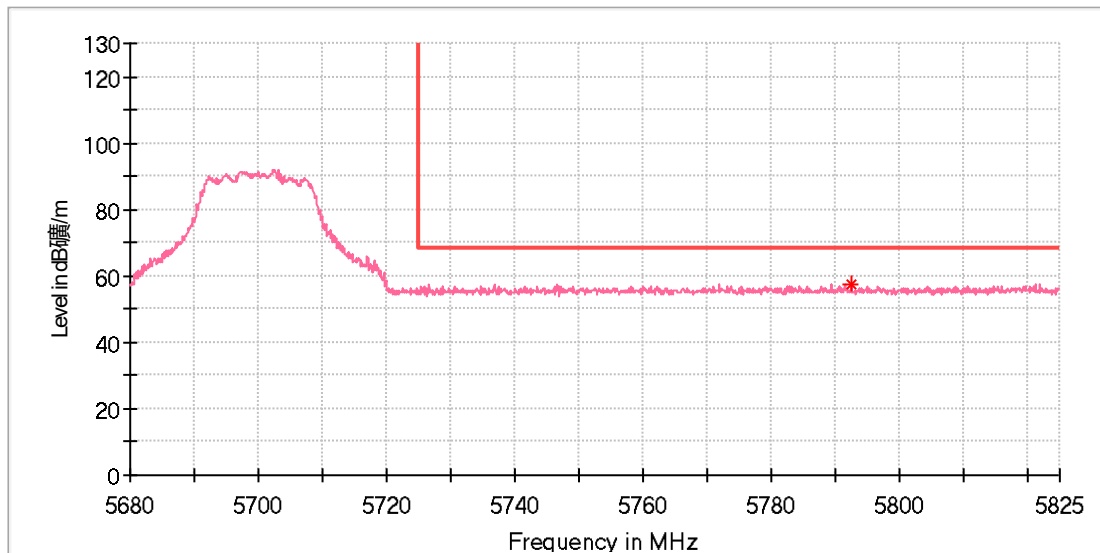
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5734.245833	59.83	68.20	8.37	150.0	H	161.0	15.4

Final Result

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

EUT Name: WIFI+BT Module
Model: WKXT1AM2511
Test Mode: WIFI 5G_11n20_Ch140
Order No/Sample No: 27233930/A004270738-001
Test Voltage: DC 3.3V
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

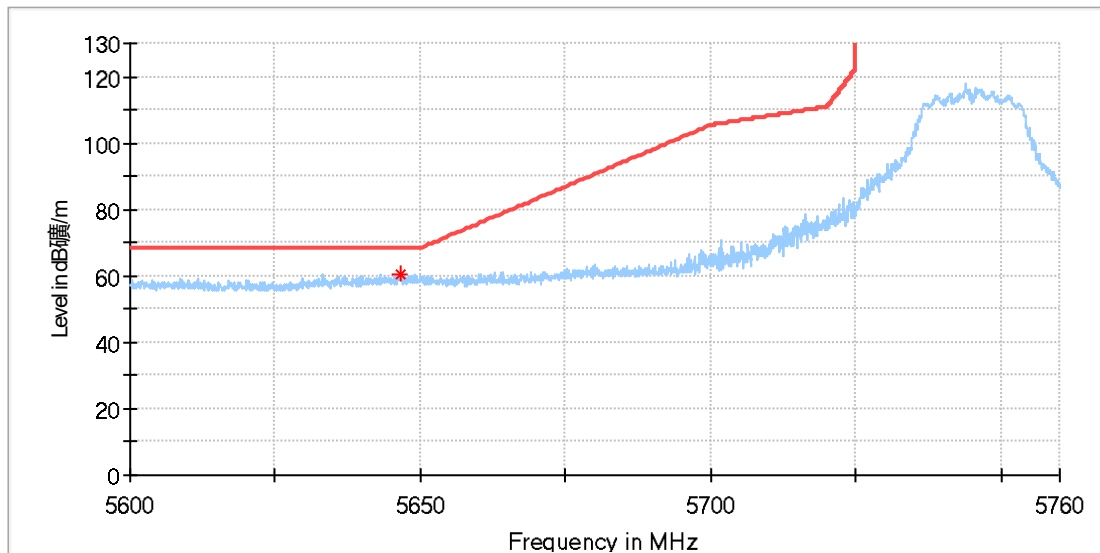
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5792.512500	57.50	68.20	10.70	150.0	V	269.0	15.5

Final Result

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

EUT Name: WIFI+BT Module
Model: WKXT1AM2511
Test Mode: WIFI 5G_11n20_Ch149
Order No/Sample No: 27233930/A004270738-001
Test Voltage: DC 3.3V
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

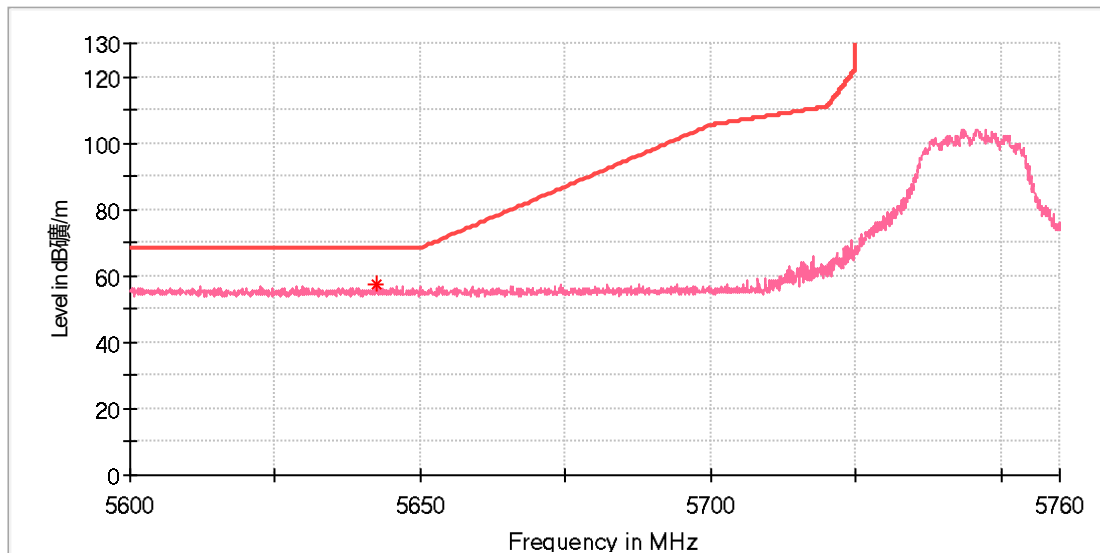
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5646.688889	60.74	68.20	7.46	150.0	H	135.0	15.3

Final Result

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

EUT Name: WIFI+BT Module
Model: WKXT1AM2511
Test Mode: WIFI 5G_11n20_Ch149
Order No/Sample No: 27233930/A004270738-001
Test Voltage: DC 3.3V
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

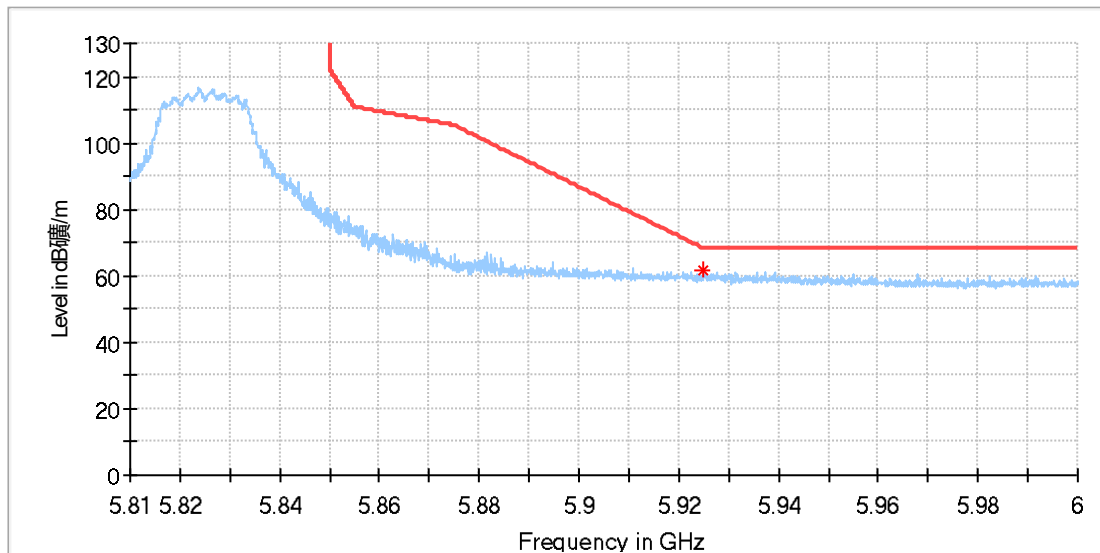
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5642.350000	57.43	68.20	10.77	150.0	V	330.0	15.3

Final Result

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

EUT Name: WIFI+BT Module
Model: WKXT1AM2511
Test Mode: WIFI 5G_11n20_Ch165
Order No/Sample No: 27233930/A004270738-001
Test Voltage: DC 3.3V
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

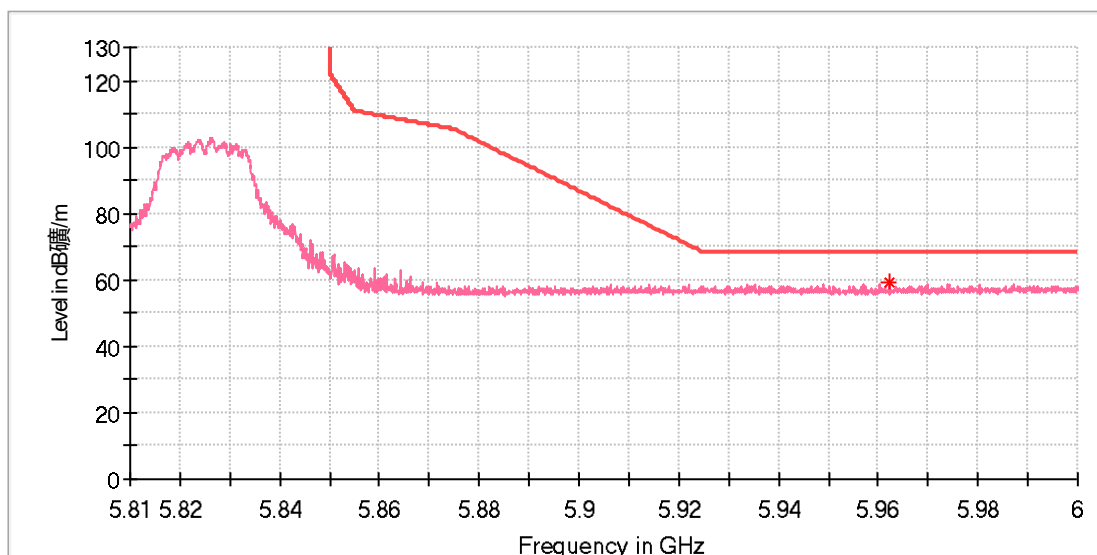
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5924.909722	61.48	68.27	6.78	150.0	H	152.0	16.1

Final Result

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

EUT Name: WIFI+BT Module
Model: WKXT1AM2511
Test Mode: WIFI 5G_11n20_Ch165
Order No/Sample No: 27233930/A004270738-001
Test Voltage: DC 3.3V
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

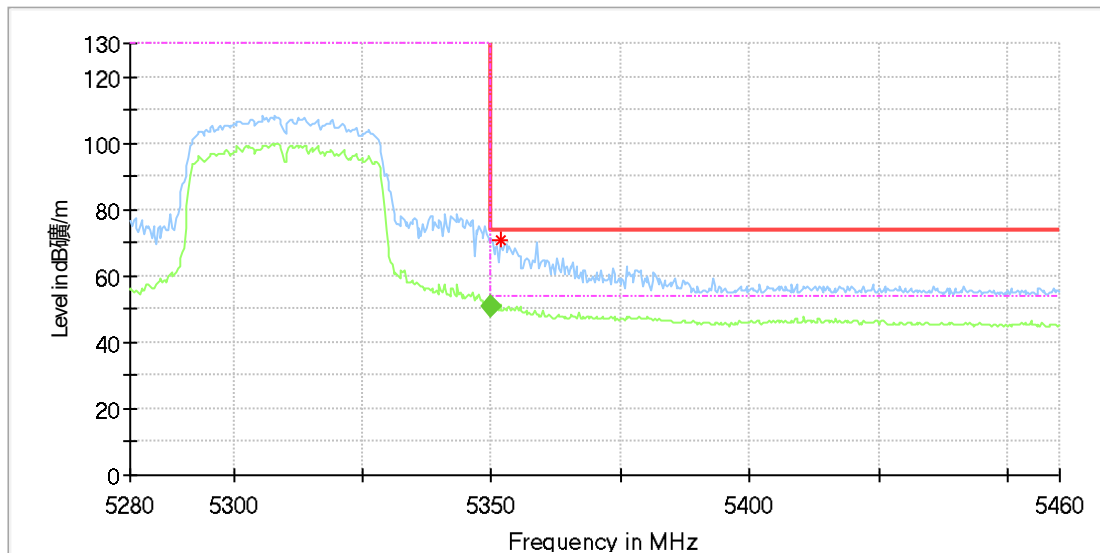
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5962.263889	58.99	68.20	9.21	150.0	V	62.0	16.3

Final Result

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

EUT Name: WIFI+BT Module
Model: WKXT1AM2511
Test Mode: WIFI 5G_11n40_Ch62
Order No/Sample No: 27233930/A004270738-001
Test Voltage: DC 3.3V
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



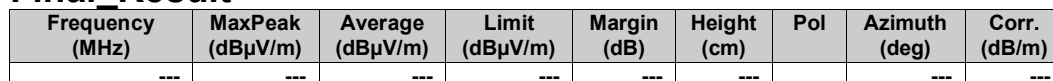
Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5351.644445	70.49	---	74.00	3.51	150.0	H	136.0	14.8

Final Result

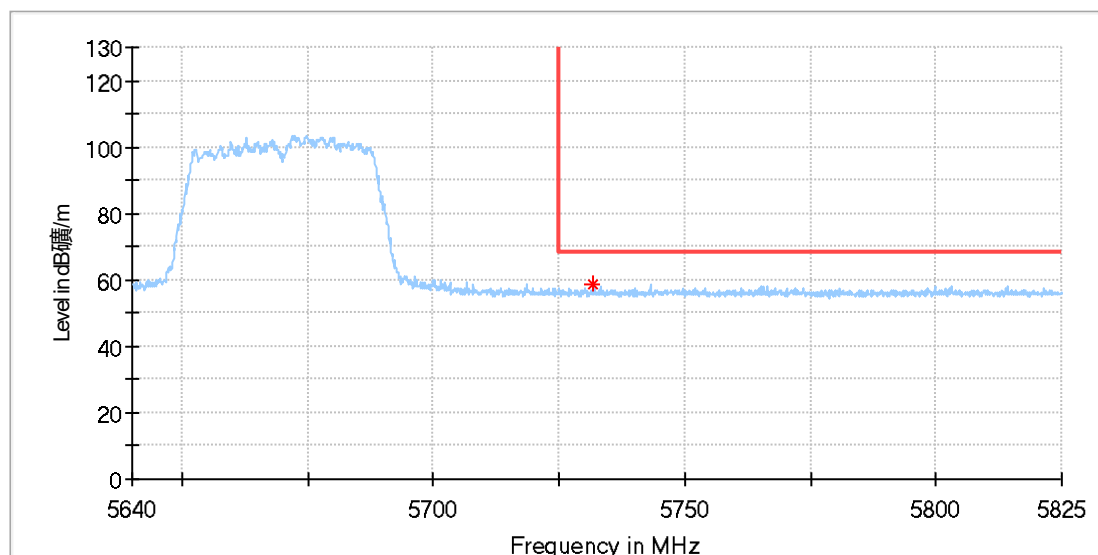
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5350.000000	---	50.78	54.00	3.22	150.0	H	136.0	14.8

EUT Name:	WIFI+BT Module
Model:	WKXT1AM2511
Test Mode:	WIFI 5G_11n40_Ch62
Order No/Sample No:	27233930/A004270738-001
Test Voltage:	DC 3.3V
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



EUT Information

EUT Name: WIFI+BT Module
Model: WKXT1AM2511
Test Mode: WIFI 5G_11n40_Ch134
Order No/Sample No: 27233930/A004270738-001
Test Voltage: DC 3.3V
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

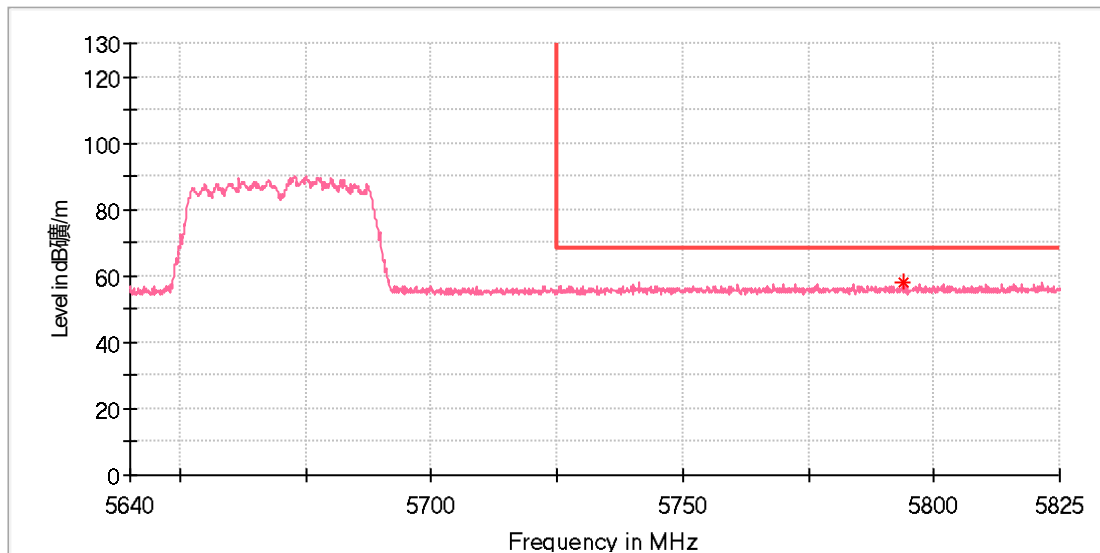
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5731.850000	58.85	68.20	9.35	150.0	H	8.0	15.4

Final Result

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

EUT Name: WIFI+BT Module
Model: WKXT1AM2511
Test Mode: WIFI 5G_11n40_Ch134
Order No/Sample No: 27233930/A004270738-001
Test Voltage: DC 3.3V
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

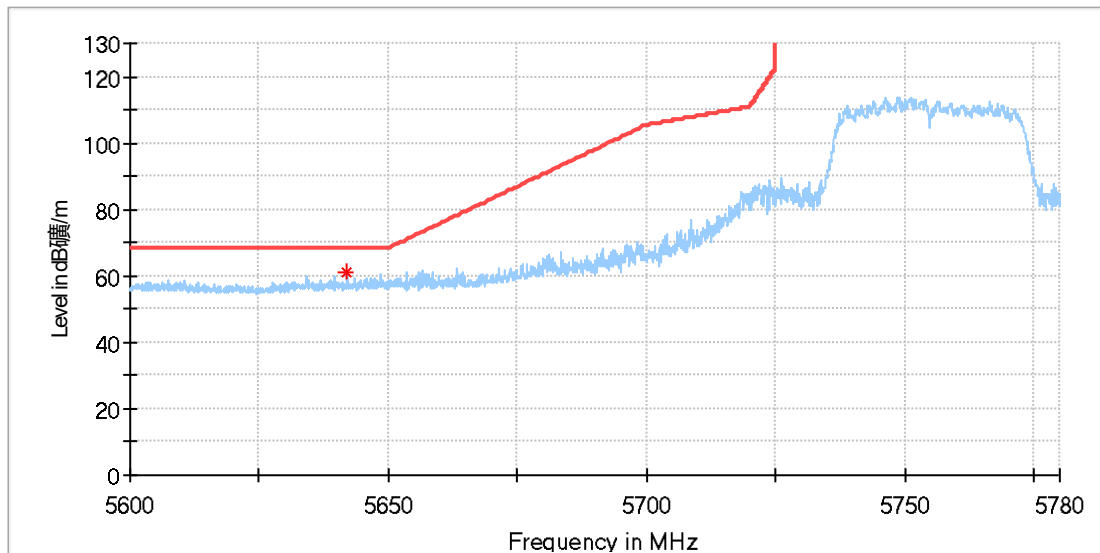
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5793.758333	58.00	68.20	10.20	150.0	V	0.0	15.5

Final Result

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

EUT Name: WIFI+BT Module
Model: WKXT1AM2511
Test Mode: WIFI 5G_11n40_Ch151
Order No/Sample No: 27233930/A004270738-001
Test Voltage: DC 3.3V
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

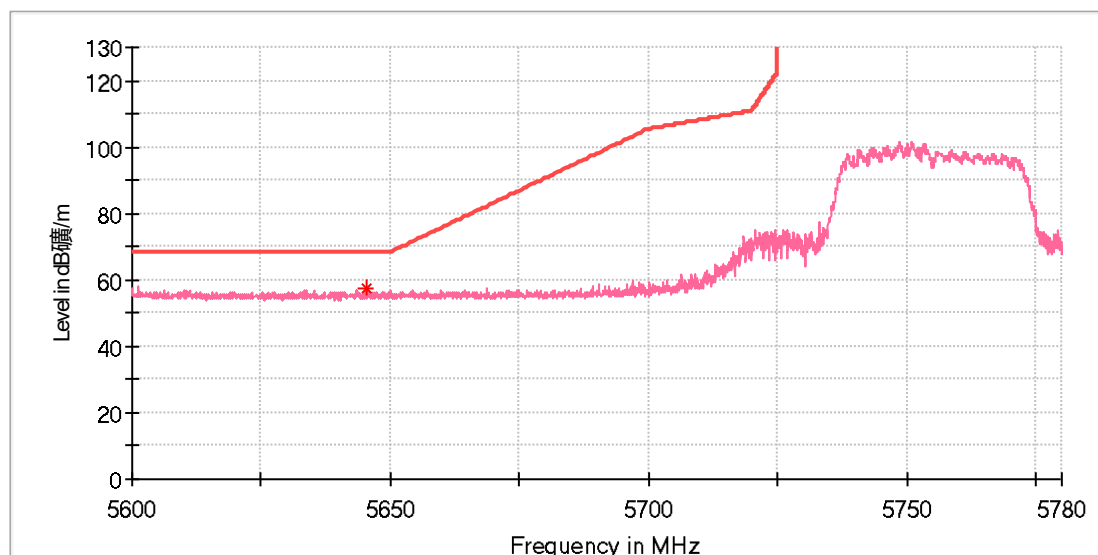
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5642.044445	60.88	68.20	7.32	150.0	H	348.0	15.3

Final Result

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

EUT Name: WIFI+BT Module
Model: WKXT1AM2511
Test Mode: WIFI 5G_11n40_Ch151
Order No/Sample No: 27233930/A004270738-001
Test Voltage: DC 3.3V
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

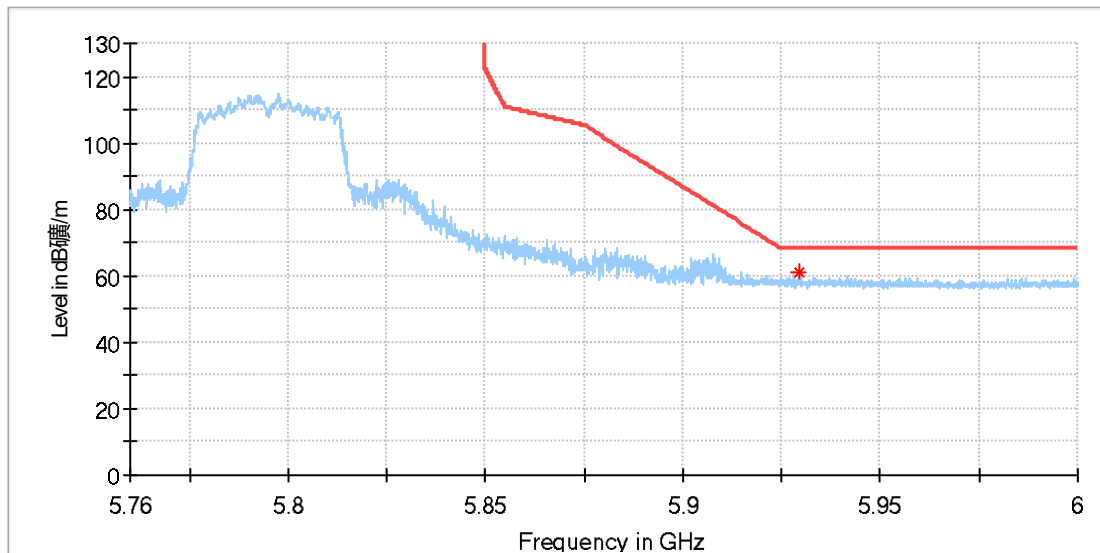
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5645.405556	57.19	68.20	11.01	150.0	V	291.0	15.3

Final Result

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

EUT Name: WIFI+BT Module
Model: WKXT1AM2511
Test Mode: WIFI 5G_11n40_Ch159
Order No/Sample No: 27233930/A004270738-001
Test Voltage: DC 3.3V
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

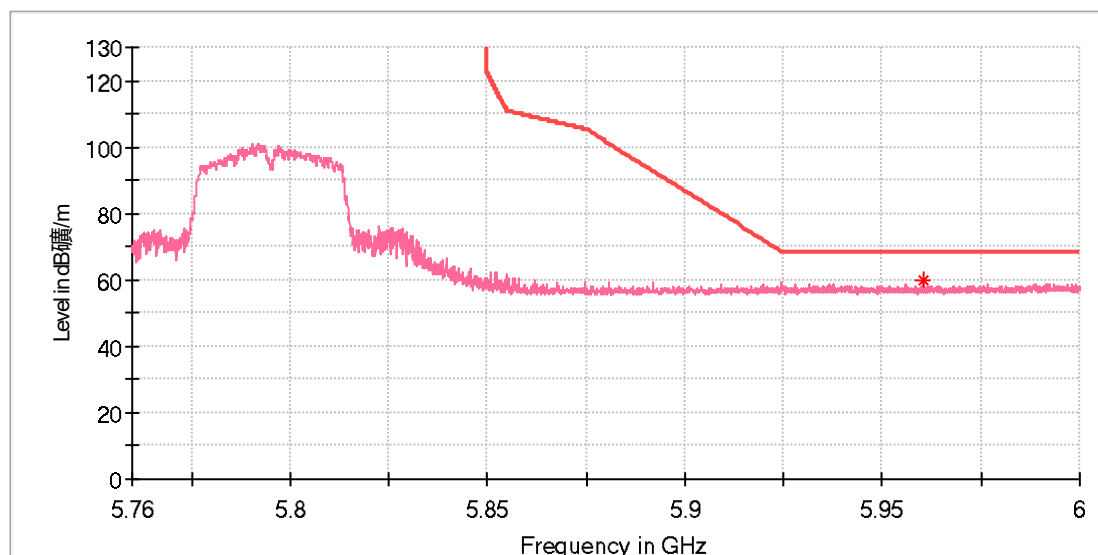
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5929.722222	60.81	68.20	7.39	150.0	H	230.0	16.2

Final Result

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

EUT Name: WIFI+BT Module
Model: WKXT1AM2511
Test Mode: WIFI 5G_11n40_Ch159
Order No/Sample No: 27233930/A004270738-001
Test Voltage: DC 3.3V
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5960.277778	59.58	68.20	8.62	150.0	V	291.0	16.3

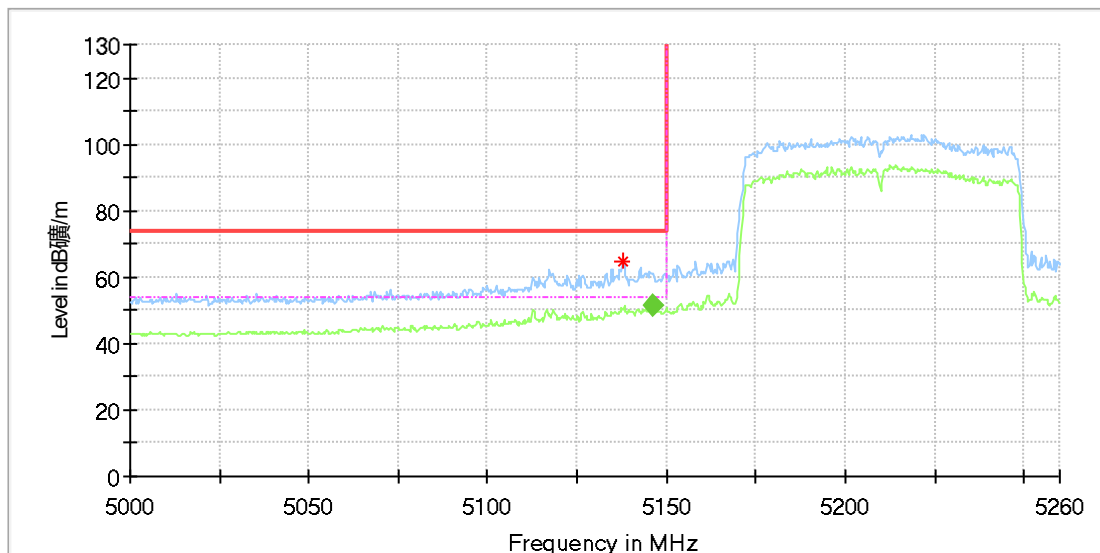
Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Wi-Fi 802.11 ac(VHT80) mode

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT1AM2511
Test Mode:	WIFI 5G_11ac80_Ch42
Order No/Sample No:	27233930/A004270738-001
Test Voltage:	DC 3.3V
Remark:	Temp 23.2°C Humi:51%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

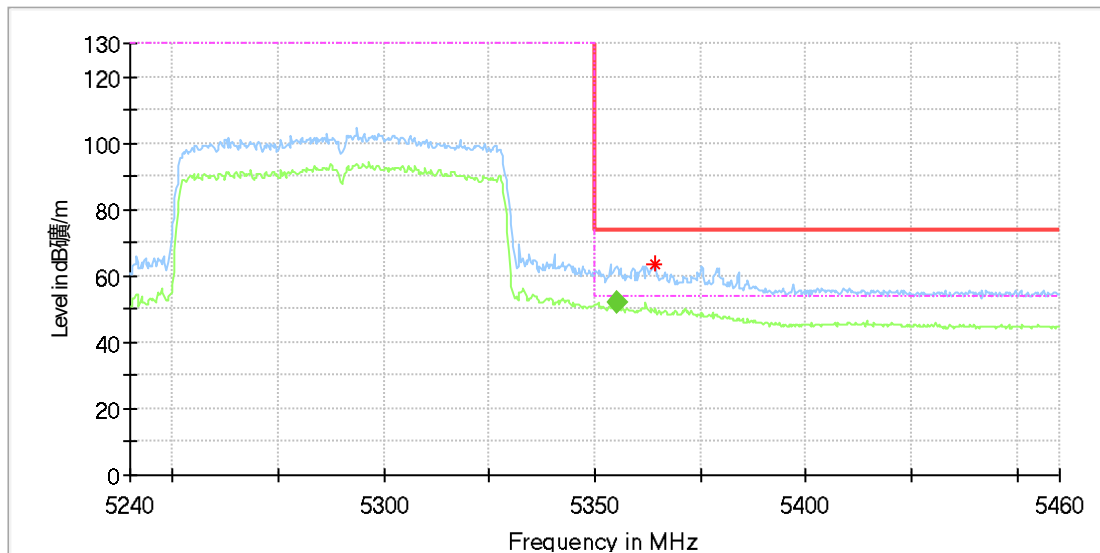
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5137.827778	64.57	---	74.00	9.43	150.0	H	239.0	13.9

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5146.350000	---	51.69	54.00	2.31	150.0	H	238.0	13.9

EUT Information

EUT Name: WIFI+BT Module
Model: WKXT1AM2511
Test Mode: WIFI 5G_11ac80_Ch58
Order No/Sample No: 27233930/A004270738-001
Test Voltage: DC 3.3V
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

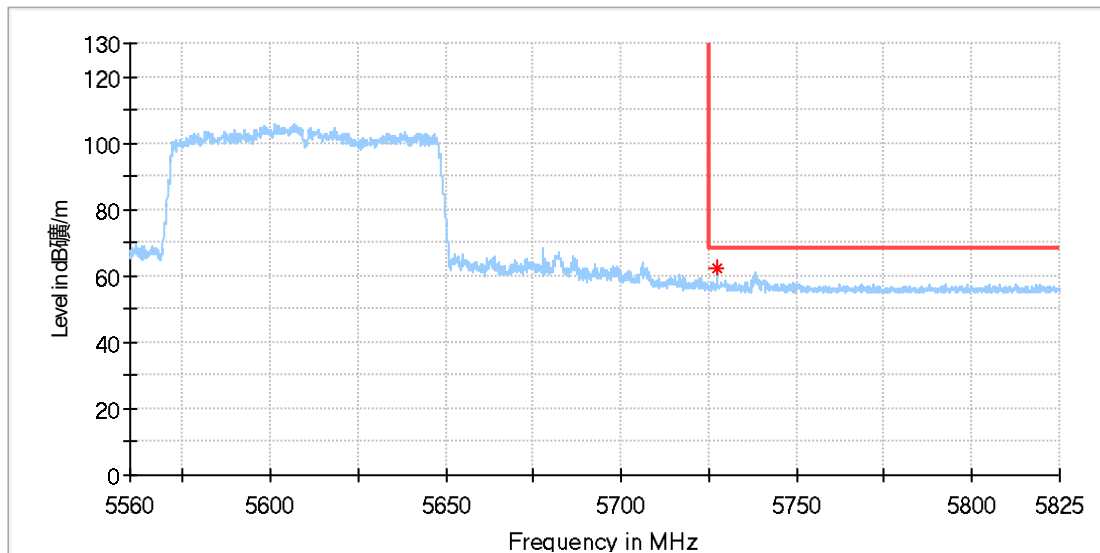
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5364.305556	63.46	---	74.00	10.54	150.0	H	16.0	14.8

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5355.177778	---	51.92	54.00	2.08	150.0	H	16.0	14.8

EUT Information

EUT Name: WIFI+BT Module
Model: WKXT1AM2511
Test Mode: WIFI 5G_11ac80_Ch122
Order No/Sample No: 27233930/A004270738-001
Test Voltage: DC 3.3V
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

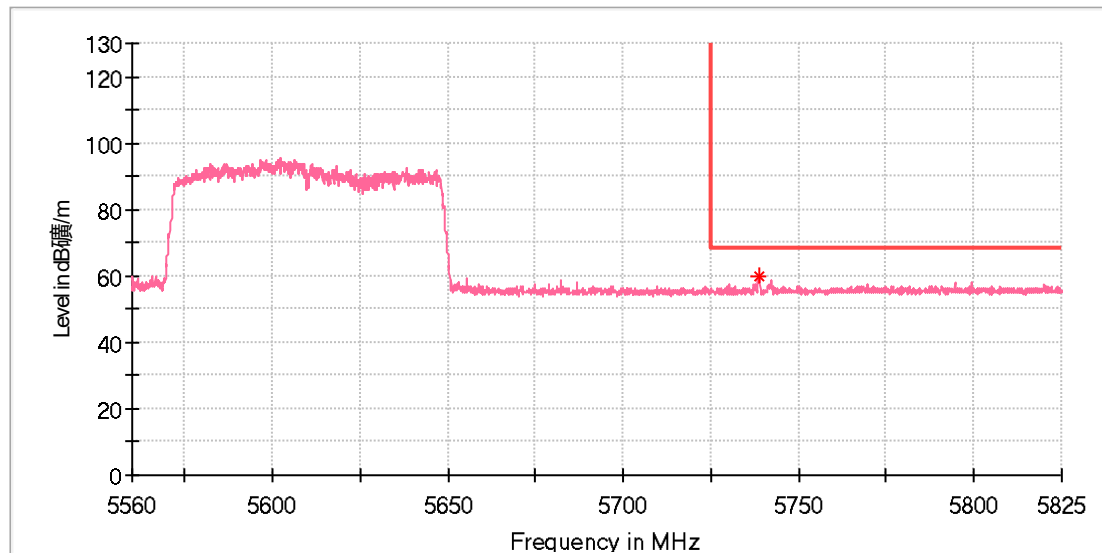
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5727.441667	62.50	68.20	5.70	150.0	H	140.0	15.4

Final Result

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

EUT Name: WIFI+BT Module
Model: WKXT1AM2511
Test Mode: WIFI 5G_11ac80_Ch122
Order No/Sample No: 27233930/A004270738-001
Test Voltage: DC 3.3V
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

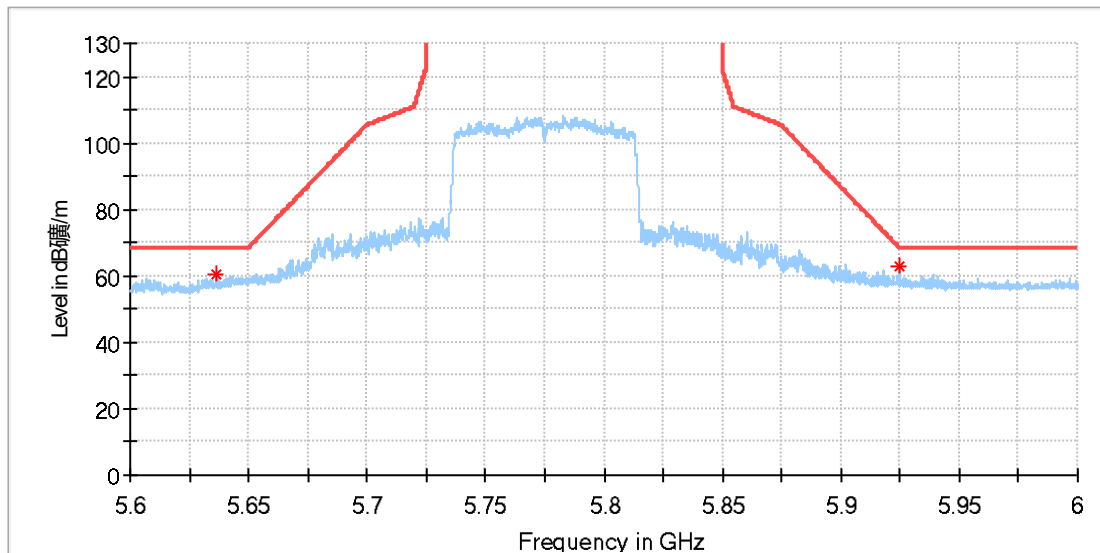
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5738.941667	59.96	68.20	8.24	150.0	V	171.0	15.4

Final Result

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

EUT Name: WIFI+BT Module
Model: WKXT1AM2511
Test Mode: WIFI 5G_11ac80_Ch155
Order No/Sample No: 27233930/A004270738-001
Test Voltage: DC 3.3V
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

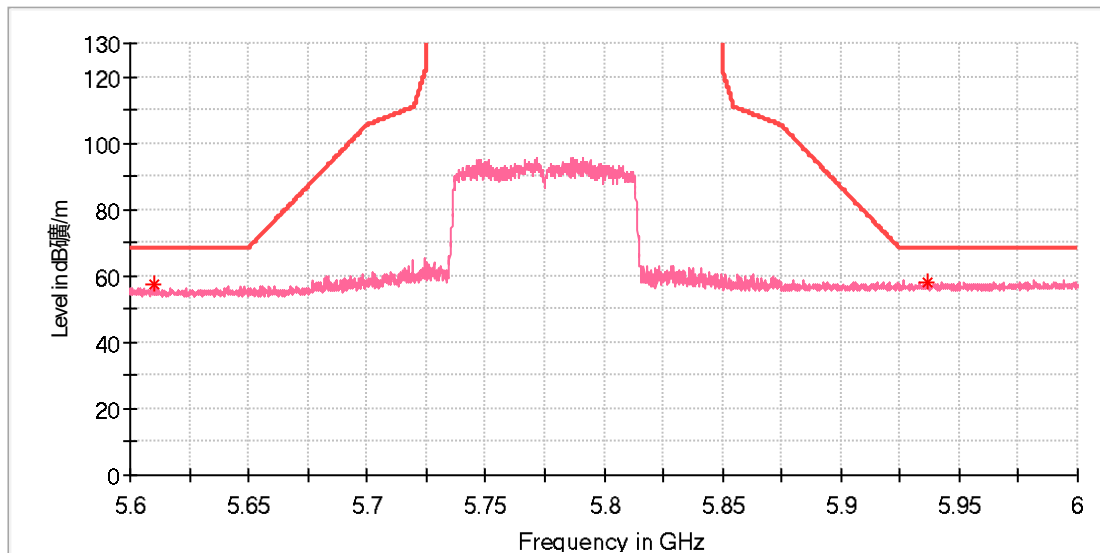
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5636.666667	60.50	68.20	7.70	150.0	H	166.0	15.3
5924.888889	62.95	68.28	5.34	150.0	H	14.0	16.1

Final Result

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

EUT Name: WIFI+BT Module
Model: WKXT1AM2511
Test Mode: WIFI 5G_11ac80_Ch155
Order No/Sample No: 27233930/A004270738-001
Test Voltage: DC 3.3V
Remark: Temp 23.2°C Humi:51%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5609.888889	57.25	68.20	10.95	150.0	V	251.0	15.3
5936.666667	58.19	68.20	10.01	150.0	V	246.0	16.2

Final Result

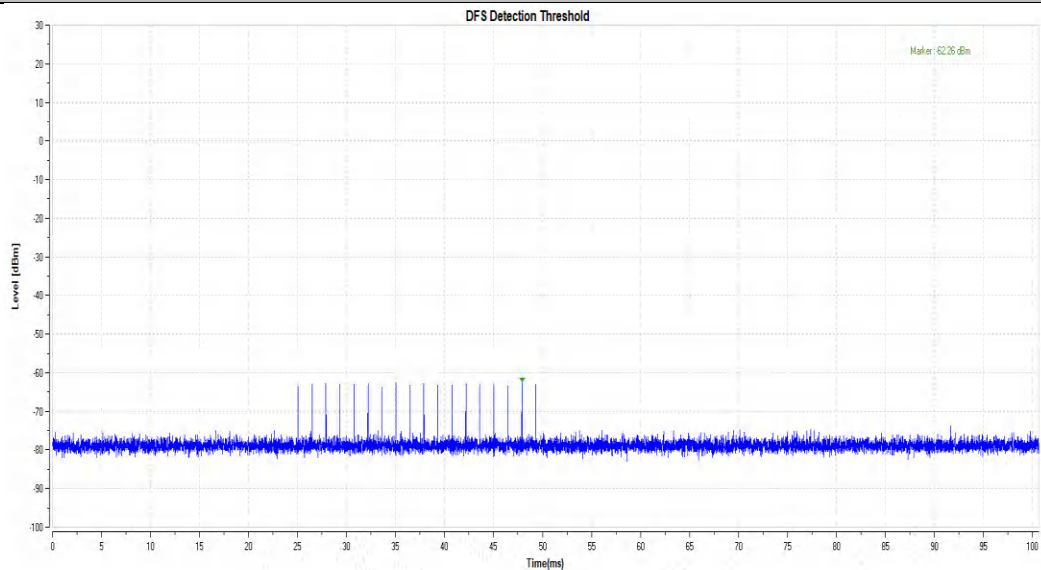
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix A.9: Test Results of Dynamic Frequency Selection (DFS)

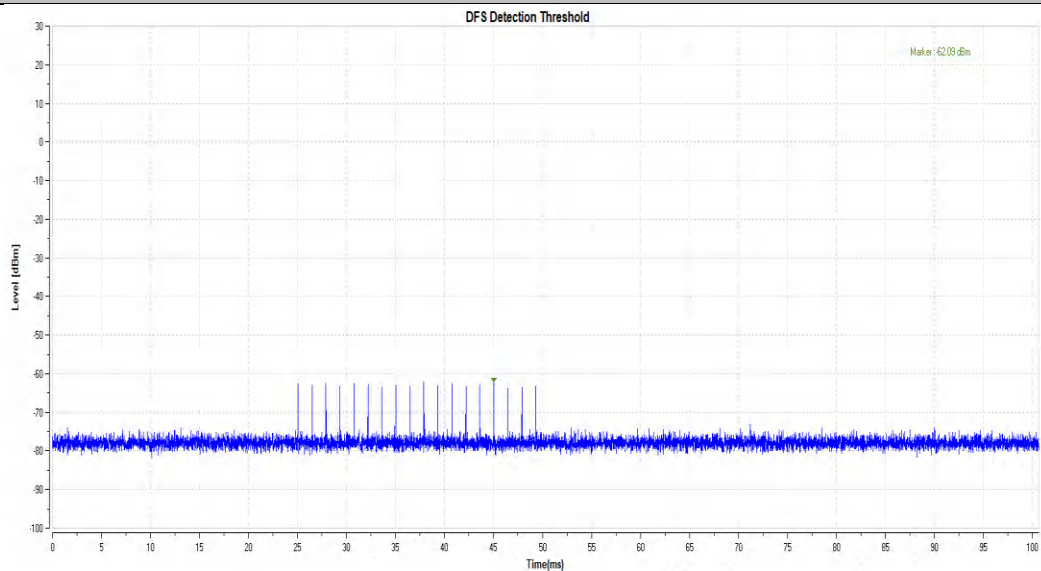
DFS Detection Thresholds

TestMode	Frequency[dbm]	Radar Type	Result	Limit[dbm]	Verdict
11A	5320	Type0	-62.26	-62.00	PASS
11AC80MIMO	5530	Type0	-62.09	-62.00	PASS

11A_5320_Type0



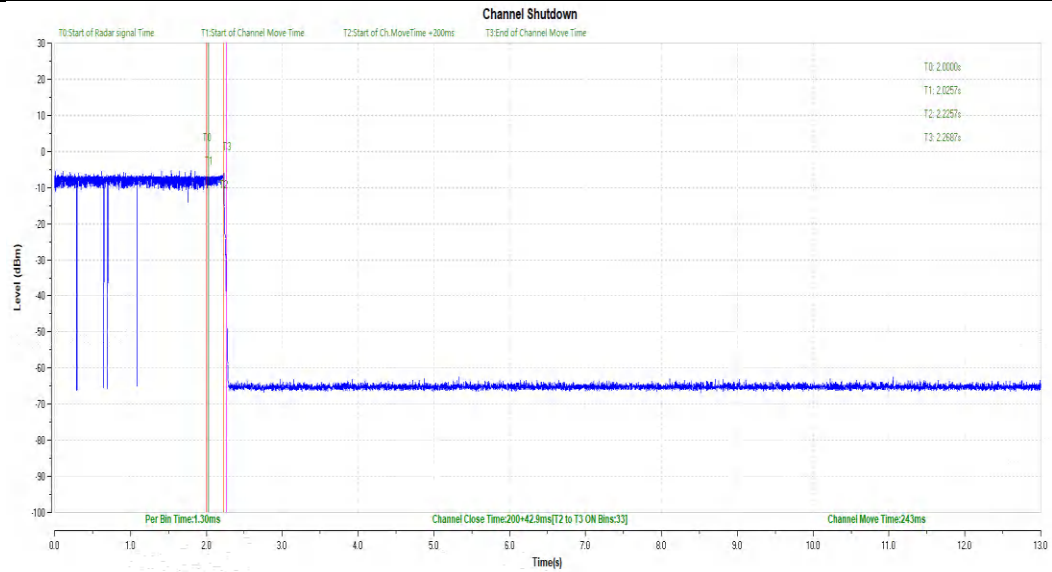
11AC80MIMO_5530_Type0



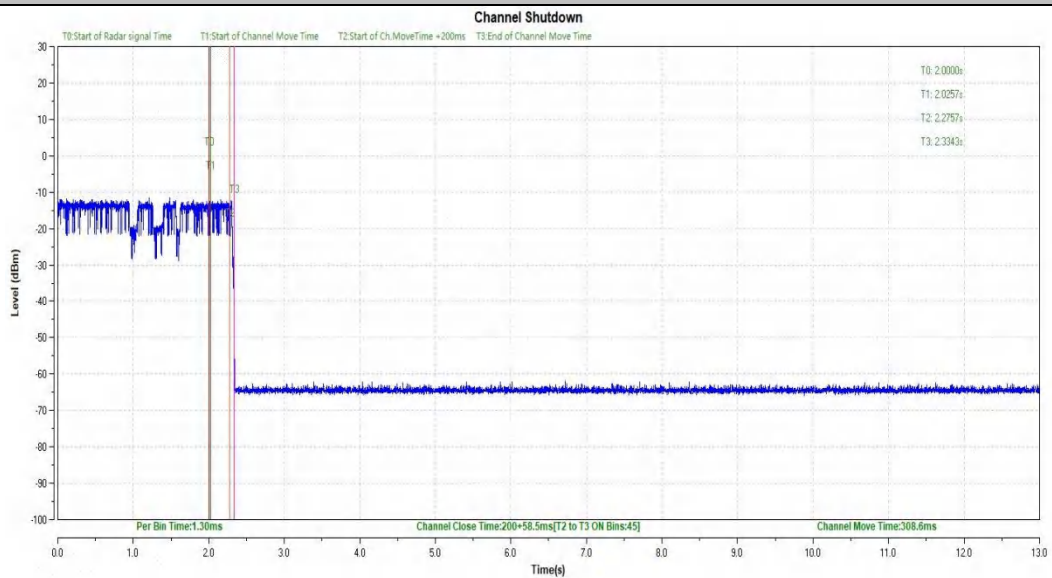
Channel Move Time and Channel Closing Transmission Time

TestMode	Frequency[MHz]	CCTT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11A	5320	200+42.9	200+60	243	10000	PASS
11AC80MIMO	5530	200+58.5	200+60	308.6	10000	PASS

11A_5320



11AC80MIMO_5530

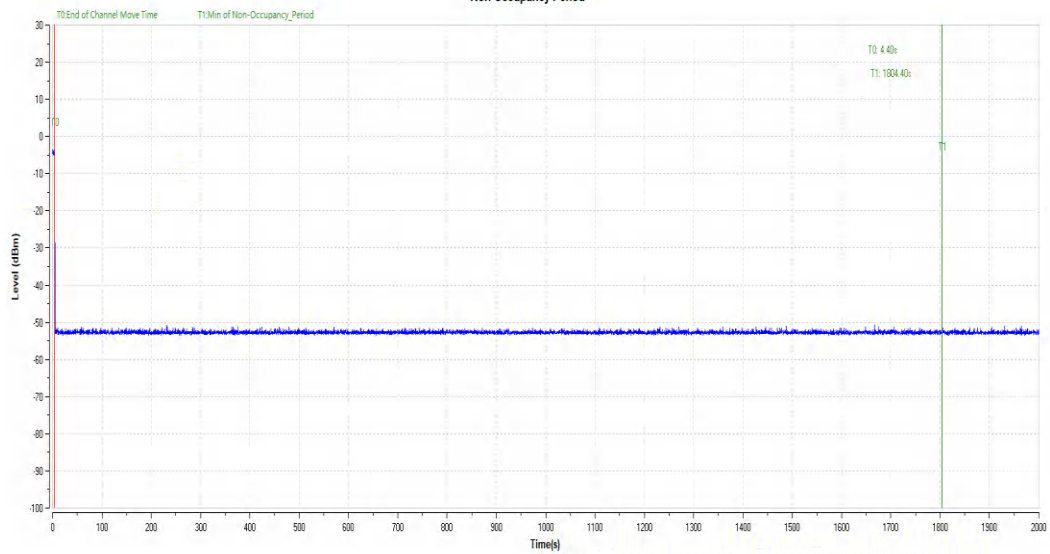


Non-Occupancy Period

TestMode	Frequency[MHz]	Result	Limit[s]	Verdict
11A	5320	see test graph	≥1800	PASS
11AC80MIMO	5530	see test graph	≥1800	PASS

11A_5320

Non-Occupancy Period



11AC80MIMO_5530

Non-Occupancy Period

