















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
11AC20MI MO	Ant1	5180	NV	NT	-34500.00	-6.660232	20	PASS
		5200	NV	NT	-53500.00	-10.288462	20	PASS
		5240	NV	NT	-55000.00	-10.496183	20	PASS
		5260	NV	NT	-55500.00	-10.551331	20	PASS
		5280	NV	NT	-56500.00	-10.700758	20	PASS
		5320	NV	NT	-56500.00	-10.620301	20	PASS
		5500	NV	NT	-57500.00	-10.454545	20	PASS
		5580	NV	NT	-58500.00	-10.483871	20	PASS
		5700	NV	NT	-60000.00	-10.526316	20	PASS
		5745	NV	NT	-61500.00	-10.704961	20	PASS
		5785	NV	NT	-63000.00	-10.890233	20	PASS
		5825	NV	NT	-63500.00	-10.901288	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC20MI MO	Ant1	5180	NV	0	-49000.00	-9.459459	20	PASS
			NV	40	-53000.00	-10.231660	20	PASS
		5200	NV	0	-56500.00	-10.865385	20	PASS
			NV	40	-57500.00	-11.057692	20	PASS
		5240	NV	0	-58000.00	-11.068702	20	PASS
			NV	40	-58500.00	-11.164122	20	PASS
		5260	NV	0	-58000.00	-11.026616	20	PASS
			NV	40	-59000.00	-11.216730	20	PASS
		5280	NV	0	-58500.00	-11.079545	20	PASS
			NV	40	-59500.00	-11.268939	20	PASS
		5320	NV	0	-59000.00	-11.090226	20	PASS
			NV	40	-59500.00	-11.184211	20	PASS
		5500	NV	0	-61000.00	-11.090909	20	PASS
			NV	40	-61500.00	-11.181818	20	PASS
		5580	NV	0	-62000.00	-11.111111	20	PASS
			NV	40	-62500.00	-11.200717	20	PASS
		5700	NV	0	-63500.00	-11.140351	20	PASS
			NV	40	-64500.00	-11.315789	20	PASS
		5745	NV	0	-64500.00	-11.227154	20	PASS
			NV	40	-65000.00	-11.314186	20	PASS
		5785	NV	0	-65500.00	-11.322385	20	PASS
			NV	40	-66000.00	-11.408816	20	PASS
		5825	NV	0	-66000.00	-11.330472	20	PASS
			NV	40	-66000.00	-11.330472	20	PASS

Appendix A.7: Test Results of Radiated Spurious Emissions

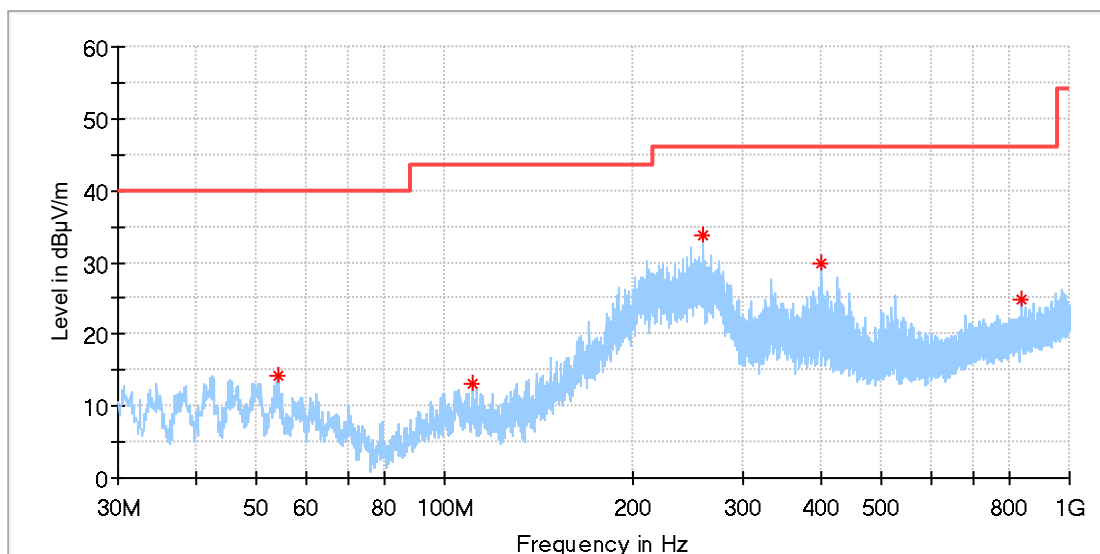
Note:

- 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 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 5G_11a_Ch40
Order No/Sample No:	168583409/A004135263-004
Test Voltage:	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

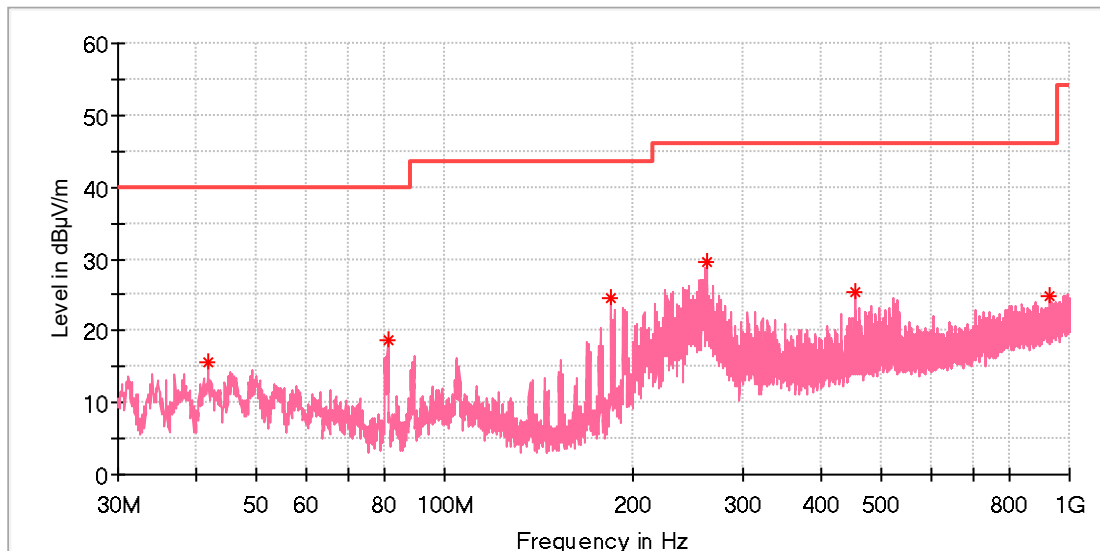
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
53.980556	14.19	40.00	25.81	100.0	H	210.0	-18.5
110.725556	13.02	43.50	30.48	100.0	H	177.0	-19.3
259.243333	33.66	46.00	12.34	100.0	H	218.0	-17.1
399.462222	29.86	46.00	16.14	100.0	H	93.0	-13.8
837.255556	24.89	46.00	21.11	100.0	H	101.0	-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 Information

EUT Name: WIFI+BT Module
Model: WKCT2VM2511
Test Mode: WIFI 5G_11a_Ch40
Order No/Sample No: 168583409/A004135263-004
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:55%
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)
41.801667	15.75	40.00	24.25	100.0	V	206.0	-19.7
80.978889	18.69	40.00	21.31	100.0	V	241.0	-23.4
184.984444	24.61	43.50	18.89	100.0	V	160.0	-20.1
261.937778	29.64	46.00	16.36	100.0	V	271.0	-17.1
453.728333	25.30	46.00	20.70	100.0	V	186.0	-12.7
925.848889	24.80	46.00	21.20	100.0	V	256.0	-4.5

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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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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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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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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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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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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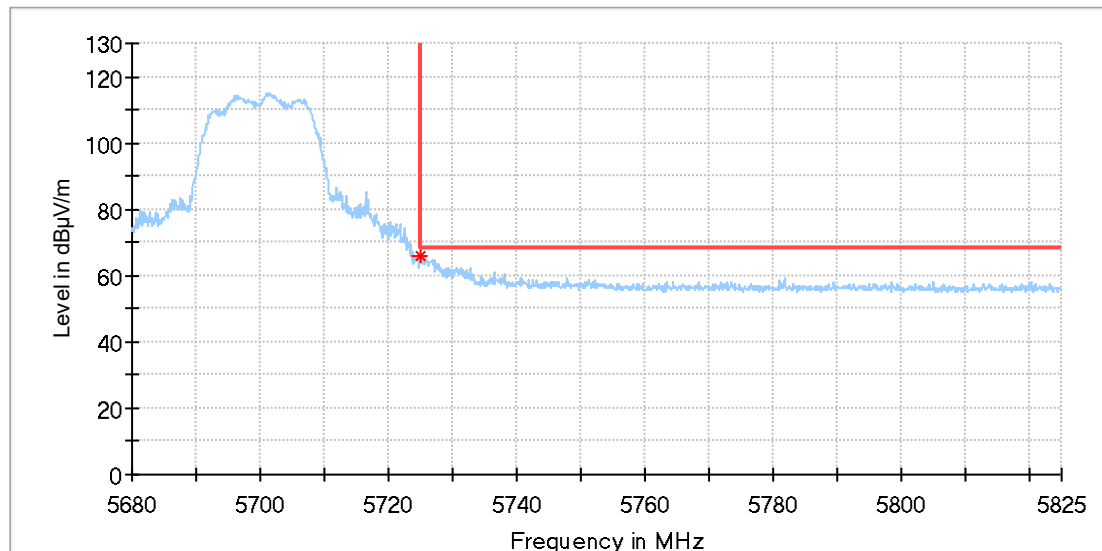
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Frequency (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 5G_11a_Ch140
Order No/Sample No: 168583409/A004135263-004
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

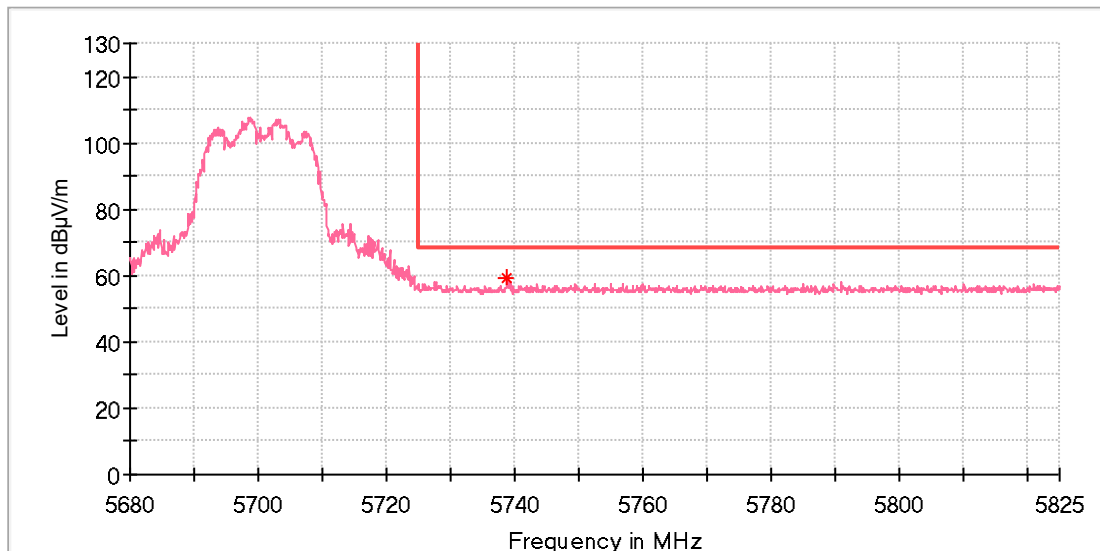
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5725.141667	65.86	68.20	2.34	150.0	H	5.0	15.4

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: WKCT2VM2511
Test Mode: WIFI 5G_11a_Ch140
Order No/Sample No: 168583409/A004135263-004
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

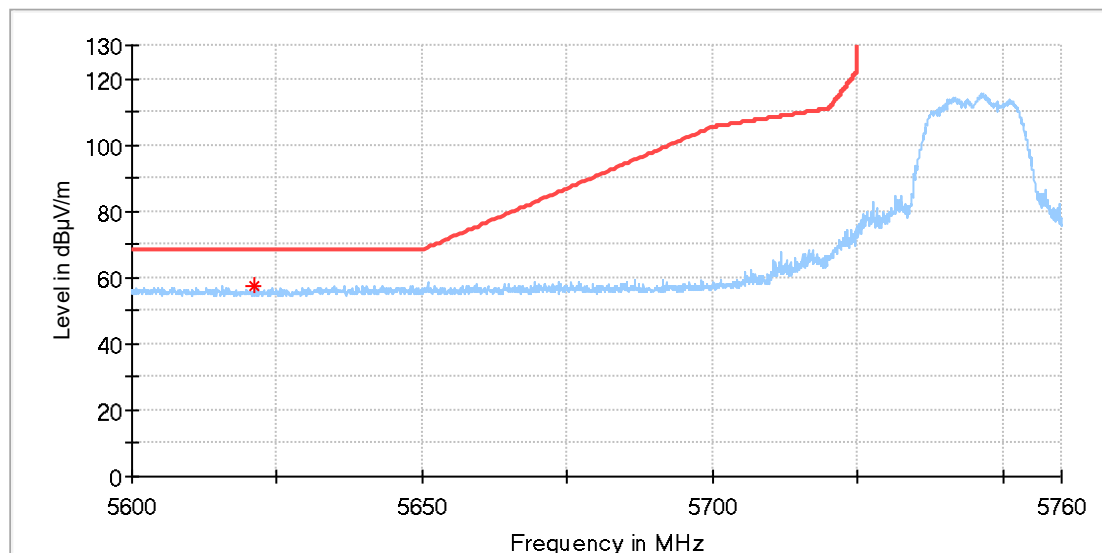
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5738.845833	59.37	68.20	8.84	150.0	V	149.0	15.4

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: WKCT2VM2511
Test Mode: WIFI 5G_11a_Ch149
Order No/Sample No: 168583409/A004135263-004
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

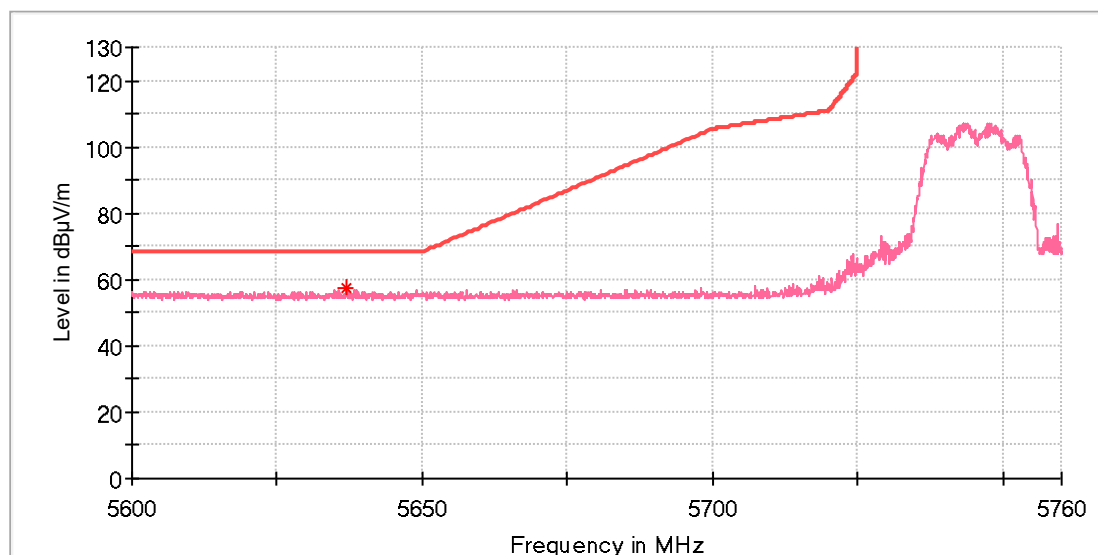
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5621.083333	57.73	68.20	10.47	150.0	H	0.0	15.3

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: WKCT2VM2511
Test Mode: WIFI 5G_11a_Ch149
Order No/Sample No: 168583409/A004135263-004
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

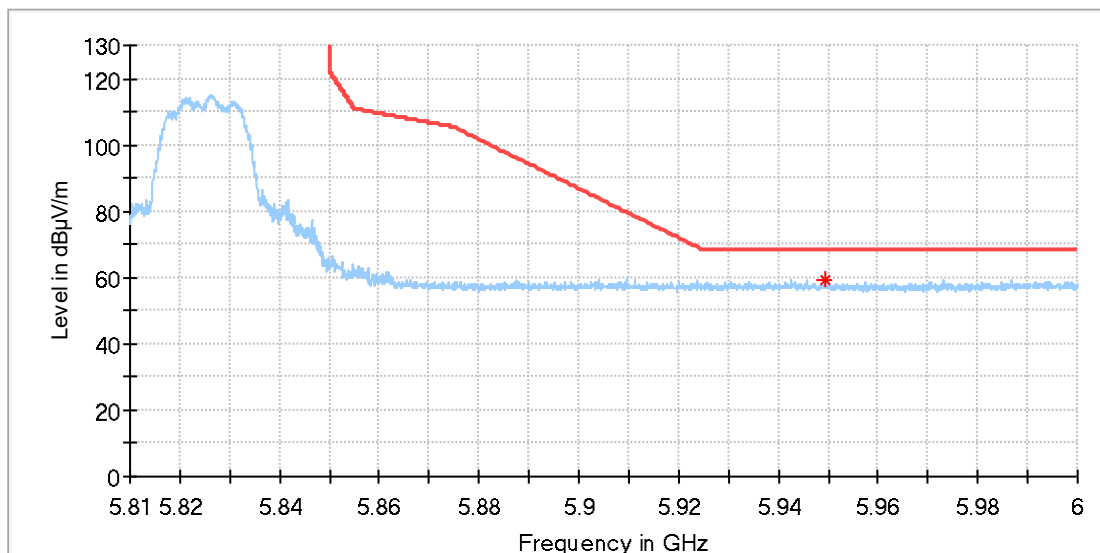
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5636.911111	57.17	68.20	11.03	150.0	V	322.0	15.3

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: WKCT2VM2511
Test Mode: WIFI 5G_11a_Ch165
Order No/Sample No: 168583409/A004135263-004
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

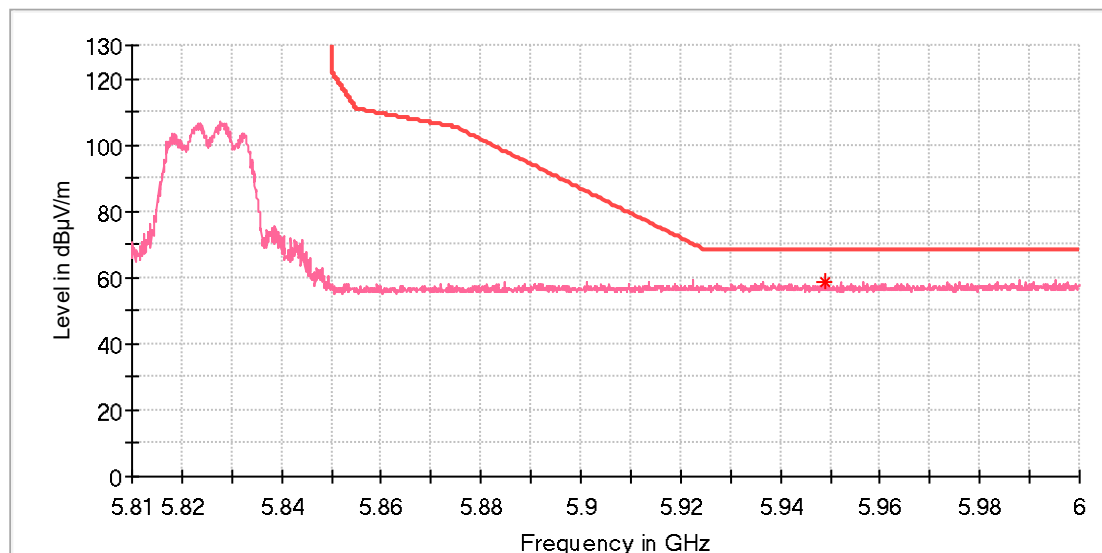
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5949.277778	59.46	68.20	8.75	150.0	H	67.0	16.3

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: WKCT2VM2511
Test Mode: WIFI 5G_11a_Ch165
Order No/Sample No: 168583409/A004135263-004
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:55%
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)
5948.819445	58.89	68.20	9.31	150.0	V	307.0	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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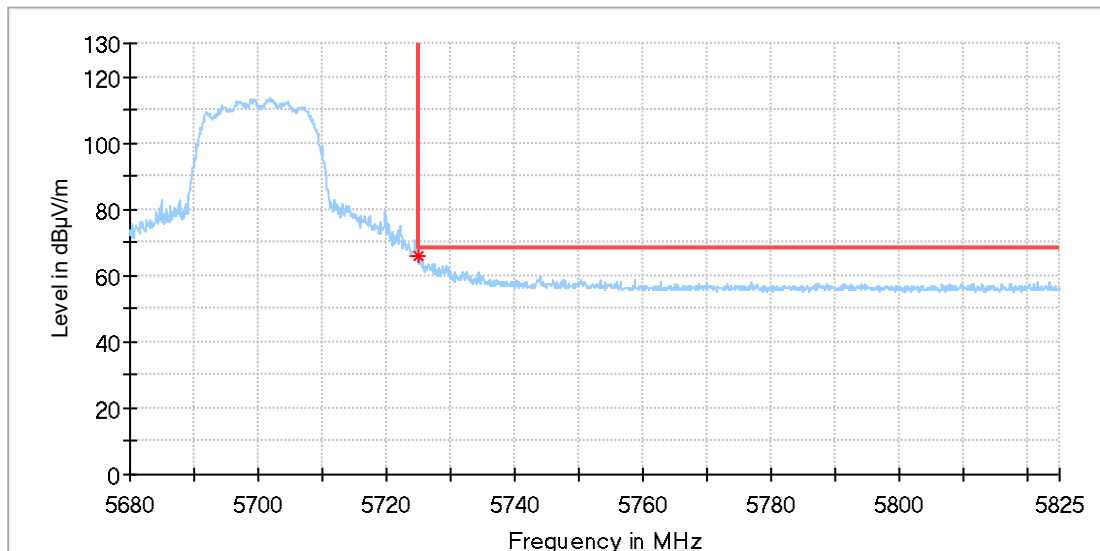
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Frequency (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 5G_11n20_Ch140
Order No/Sample No: 168583409/A004135263-004
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

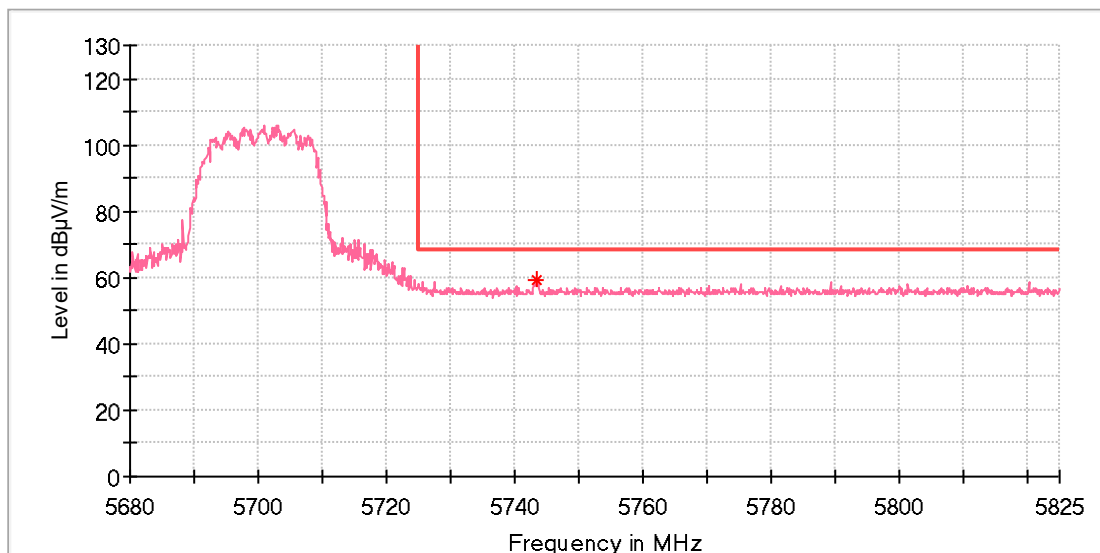
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5725.045833	66.10	68.20	2.10	150.0	H	355.0	15.4

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: WKCT2VM2511
Test Mode: WIFI 5G_11n20_Ch140
Order No/Sample No: 168583409/A004135263-004
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

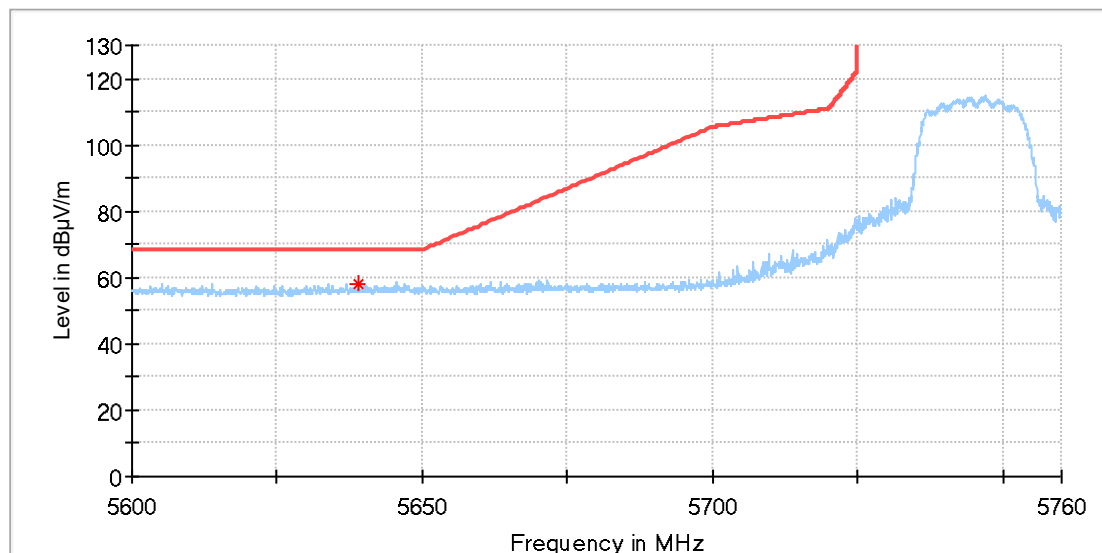
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5743.350000	59.10	68.20	9.10	150.0	V	16.0	15.4

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: WKCT2VM2511
Test Mode: WIFI 5G_11n20_Ch149
Order No/Sample No: 168583409/A004135263-004
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

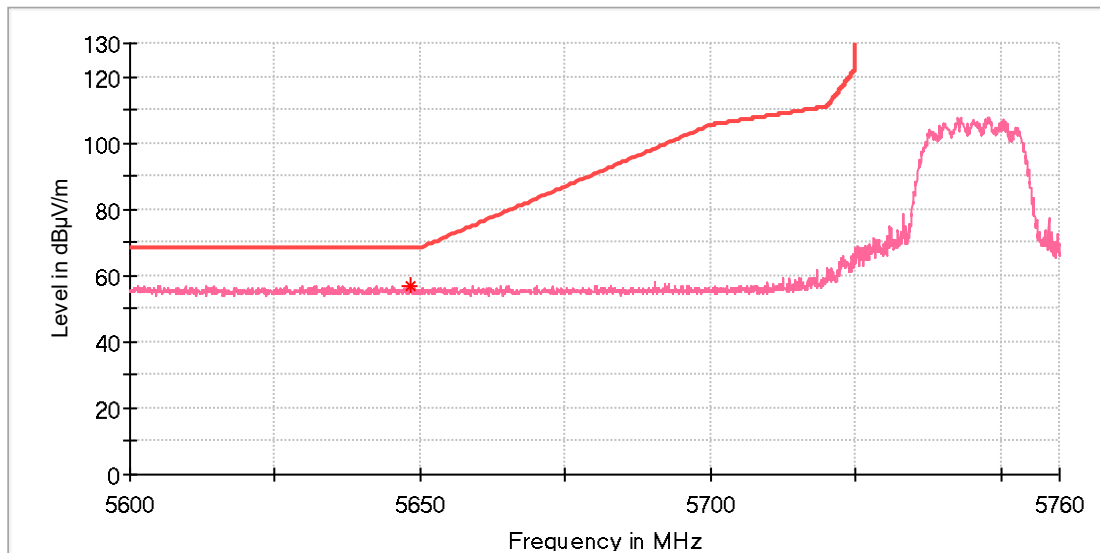
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5638.927778	58.27	68.20	9.93	150.0	H	100.0	15.3

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: WKCT2VM2511
Test Mode: WIFI 5G_11n20_Ch149
Order No/Sample No: 168583409/A004135263-004
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

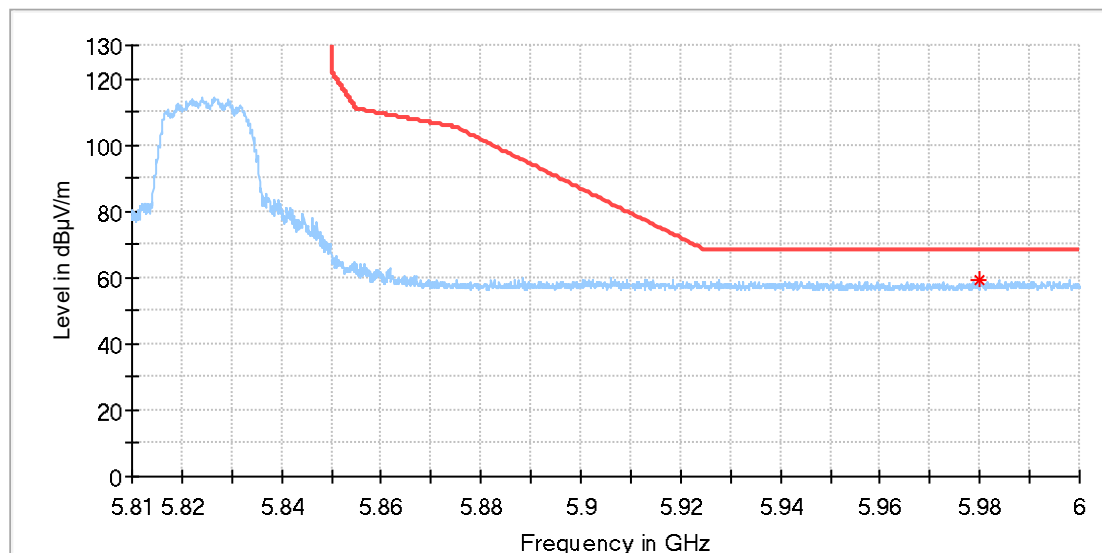
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5648.338889	56.90	68.20	11.30	150.0	V	121.0	15.3

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: WKCT2VM2511
Test Mode: WIFI 5G_11n20_Ch165
Order No/Sample No: 168583409/A004135263-004
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

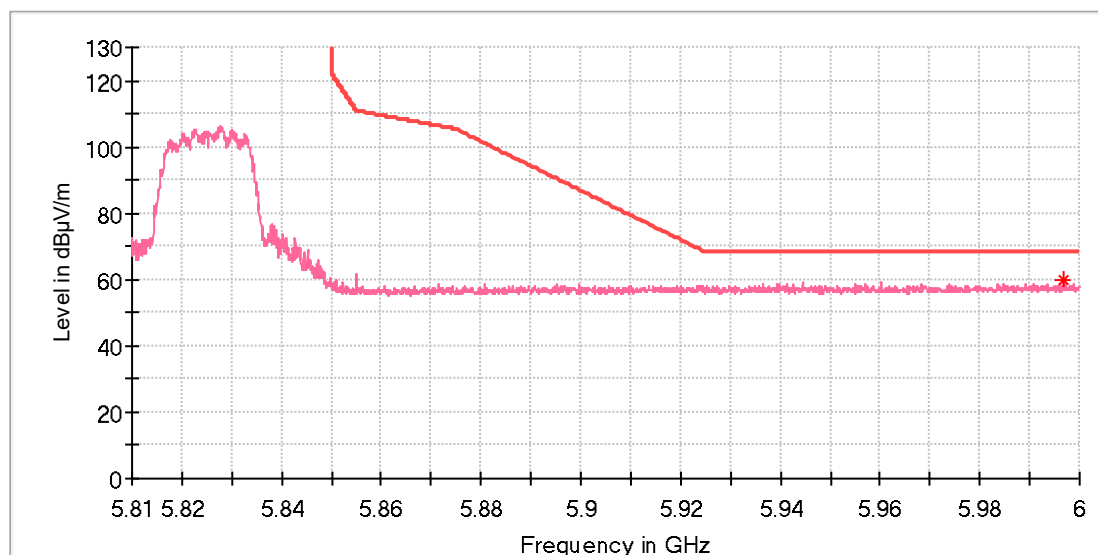
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5980.062500	59.46	68.20	8.74	150.0	H	183.0	16.4

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: WKCT2VM2511
Test Mode: WIFI 5G_11n20_Ch165
Order No/Sample No: 168583409/A004135263-004
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:55%
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)
5996.791667	59.89	68.20	8.31	150.0	V	199.0	16.5

Final_Result

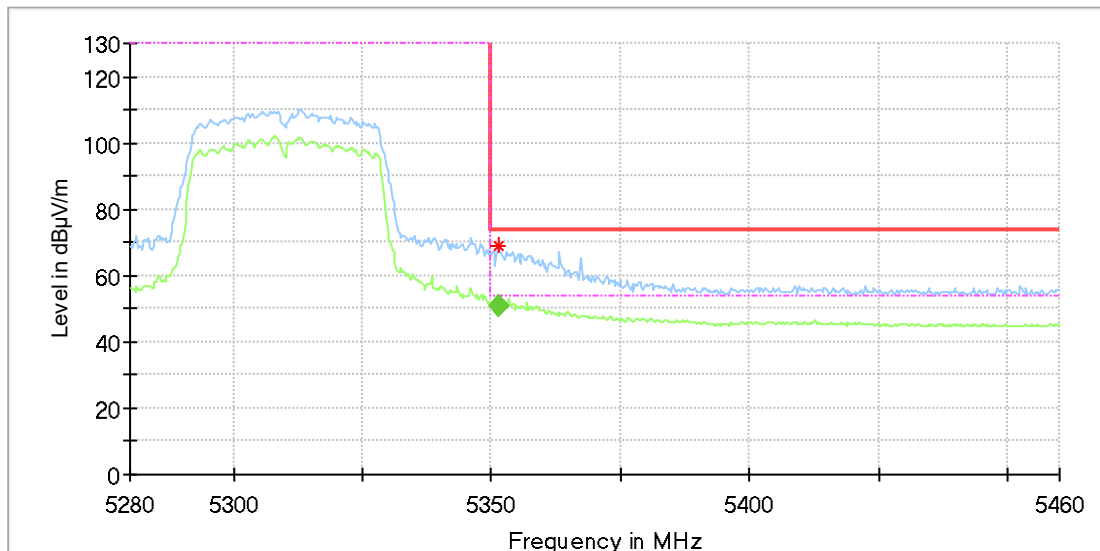
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

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 5G_11n40_Ch62
Order No/Sample No: 168583409/A004135263-004
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:55%
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	68.69	---	74.00	5.31	150.0	H	0.0	14.8

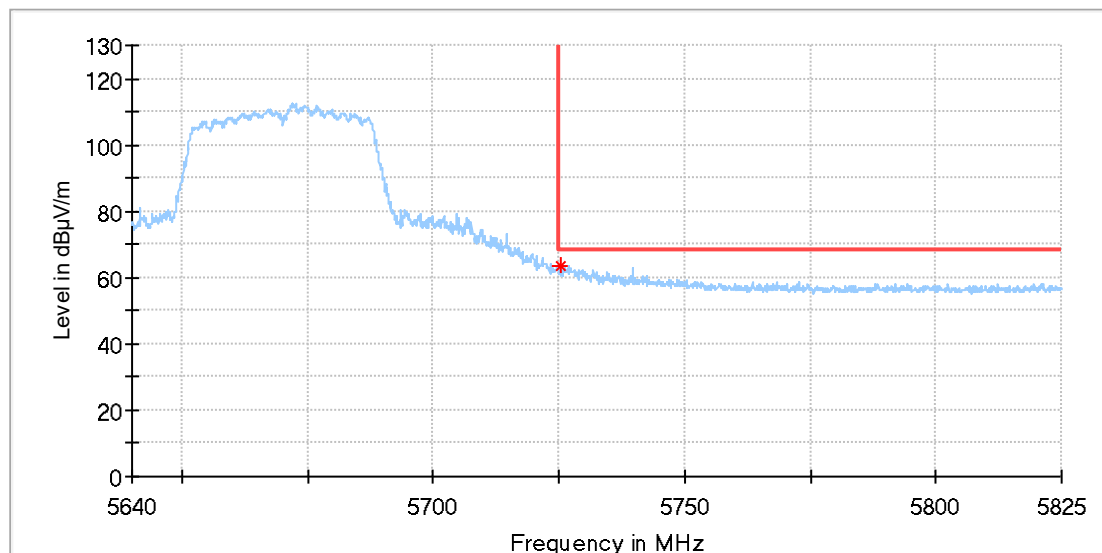
Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5351.350000	---	50.72	54.00	3.28	150.0	H	355.0	14.8

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 5G_11n40_Ch134
Order No/Sample No: 168583409/A004135263-004
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

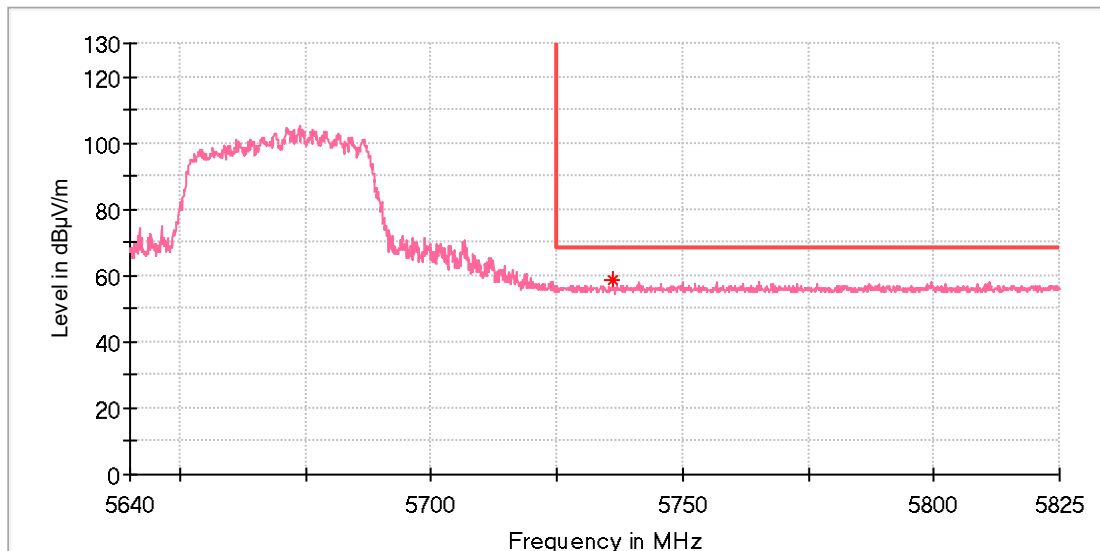
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5725.237500	63.64	68.20	4.56	150.0	H	0.0	15.4

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: WKCT2VM2511
Test Mode: WIFI 5G_11n40_Ch134
Order No/Sample No: 168583409/A004135263-004
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

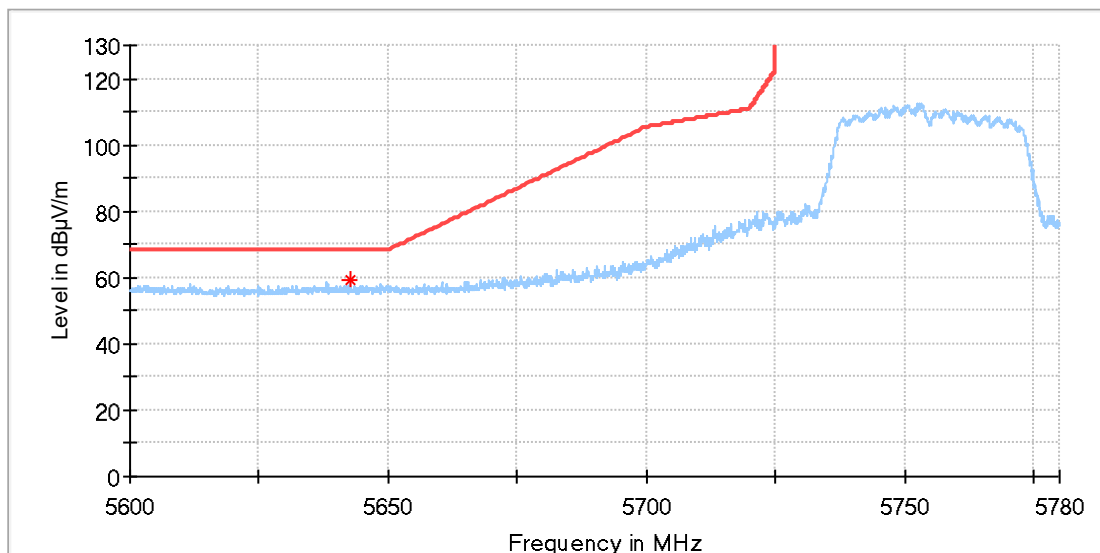
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5736.06667	58.79	68.20	9.41	150.0	V	223.0	15.4

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: WKCT2VM2511
Test Mode: WIFI 5G_11n40_Ch151
Order No/Sample No: 168583409/A004135263-004
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

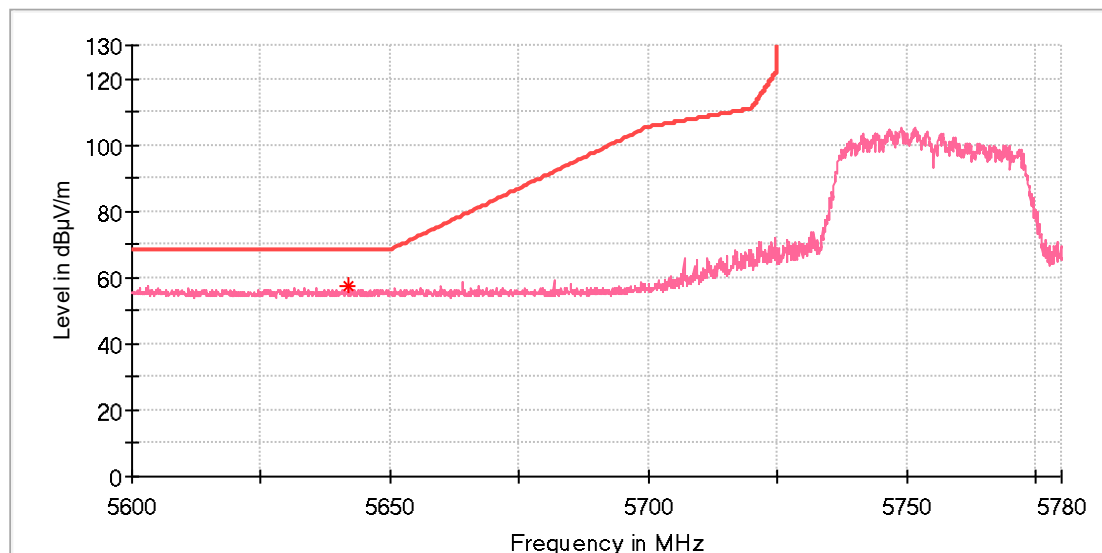
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5642.533333	59.04	68.20	9.16	150.0	H	170.0	15.3

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: WKCT2VM2511
Test Mode: WIFI 5G_11n40_Ch151
Order No/Sample No: 168583409/A004135263-004
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

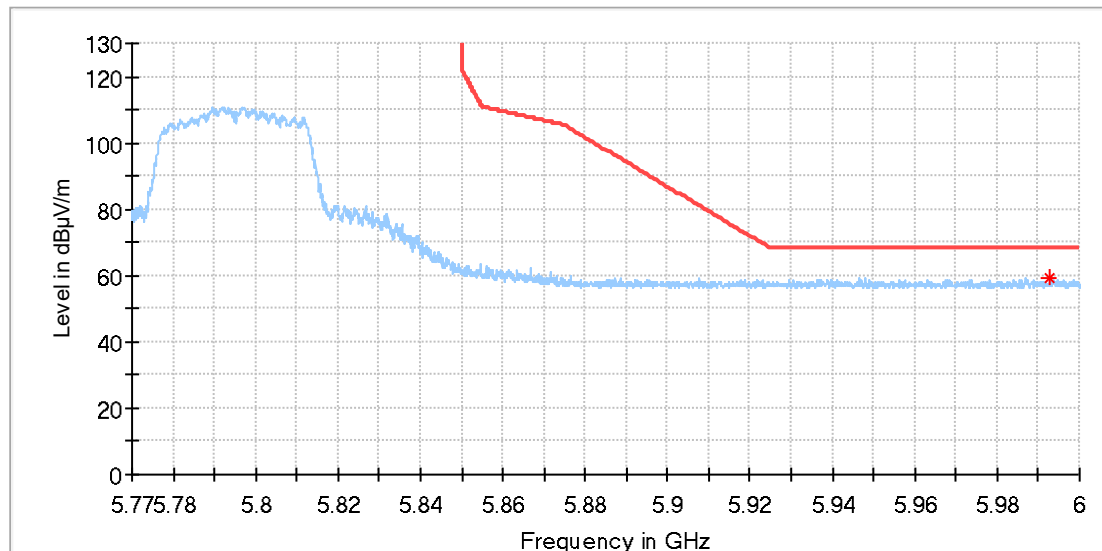
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5641.983333	57.17	68.20	11.03	150.0	V	252.0	15.3

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: WKCT2VM2511
Test Mode: WIFI 5G_11n40_Ch159
Order No/Sample No: 168583409/A004135263-004
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:55%
Test Standard: FCC 15.407
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

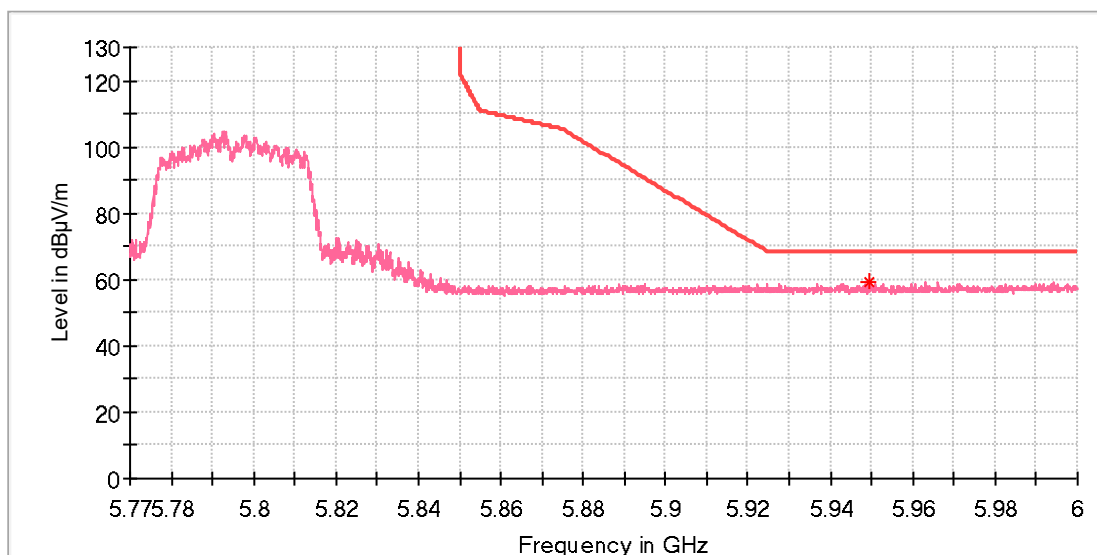
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5992.895833	59.45	68.20	8.75	150.0	H	216.0	16.5

Final_Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: WKCT2VM2511
Test Mode: WIFI 5G_11n40_Ch159
Order No/Sample No: 168583409/A004135263-004
Test Voltage: DC 5V From USB
Remark: Temp 22 Humi:55%
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)
5949.277778	59.25	68.20	8.95	150.0	V	183.0	16.3

Final_Result

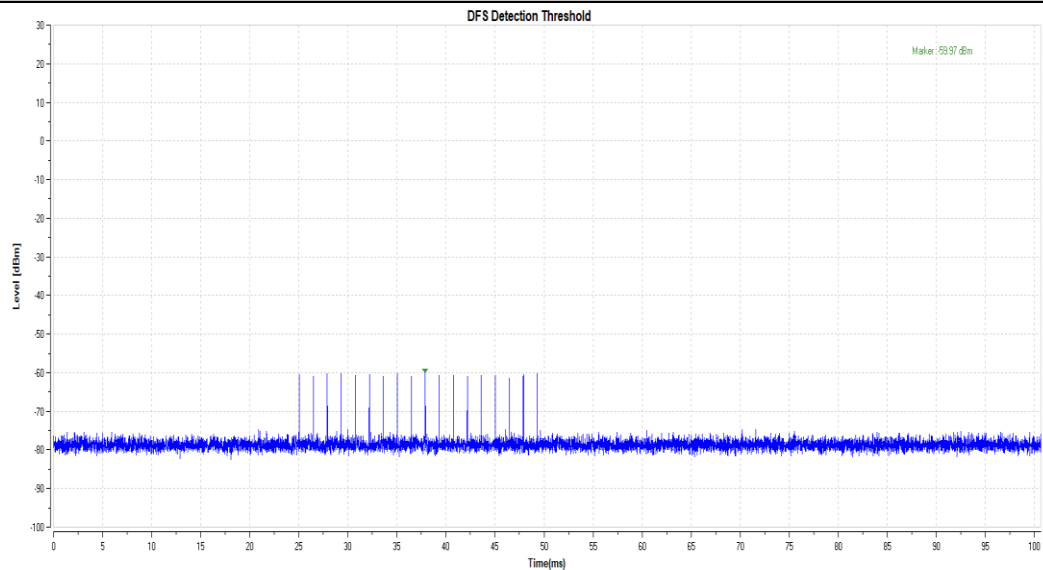
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix A.9: Test Results of Dynamic Frequency Selection (DFS)

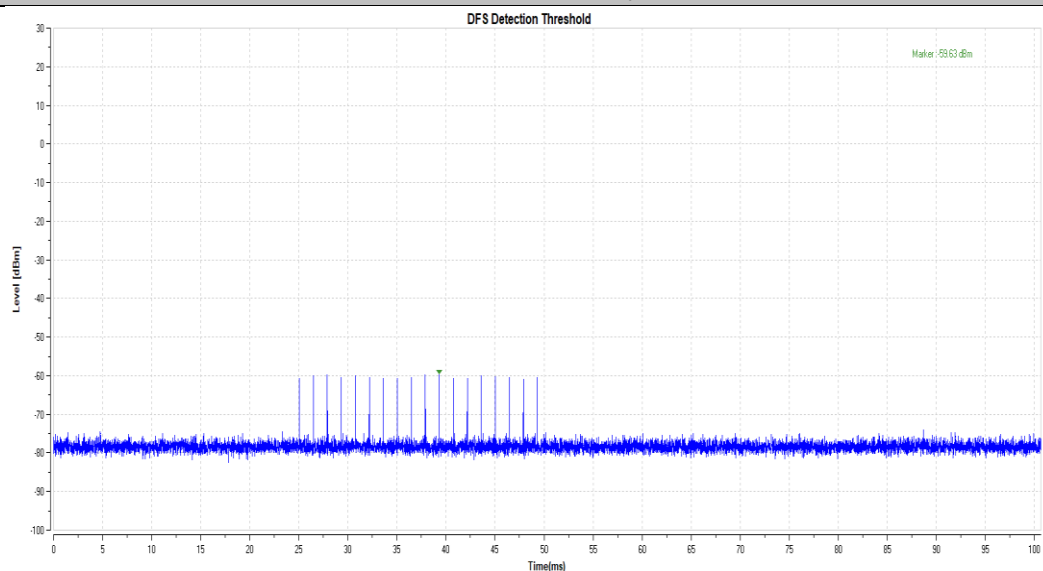
DFS Detection Thresholds

TestMode	Frequency[dbm]	Radar Type	Result	Limit[dbm]	Verdict
11A	5260	Type0	-59.97	-59.54	PASS
11AC80MIMO	5530	Type0	-59.63	-59.54	PASS

11A_5260_Type0



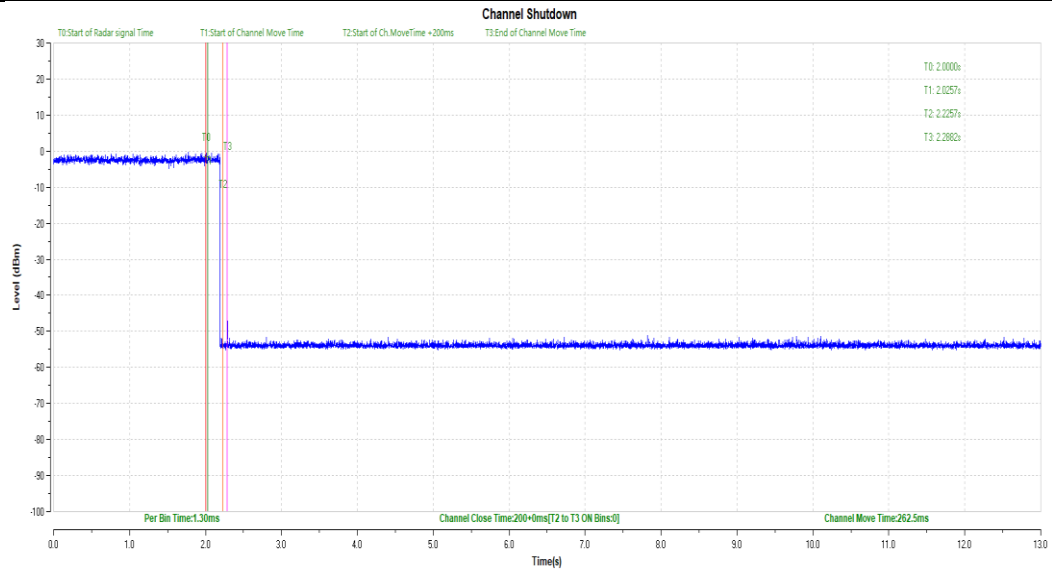
11AC80MIMO_5530_Type0



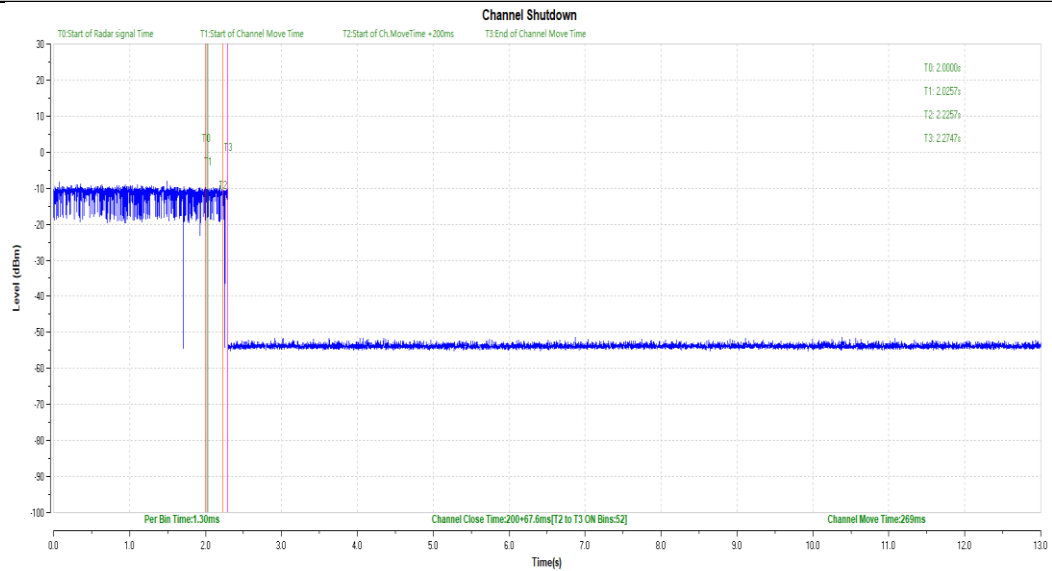
Channel Move Time and Channel Closing Transmission Time

TestMode	Frequency[MHz]	CCTT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11A	5260	200+0	200+60	262.5	10000	PASS
11AC80MIMO	5530	200+47.6	200+60	249	10000	PASS

11A_5260



11AC80MIMO_5530

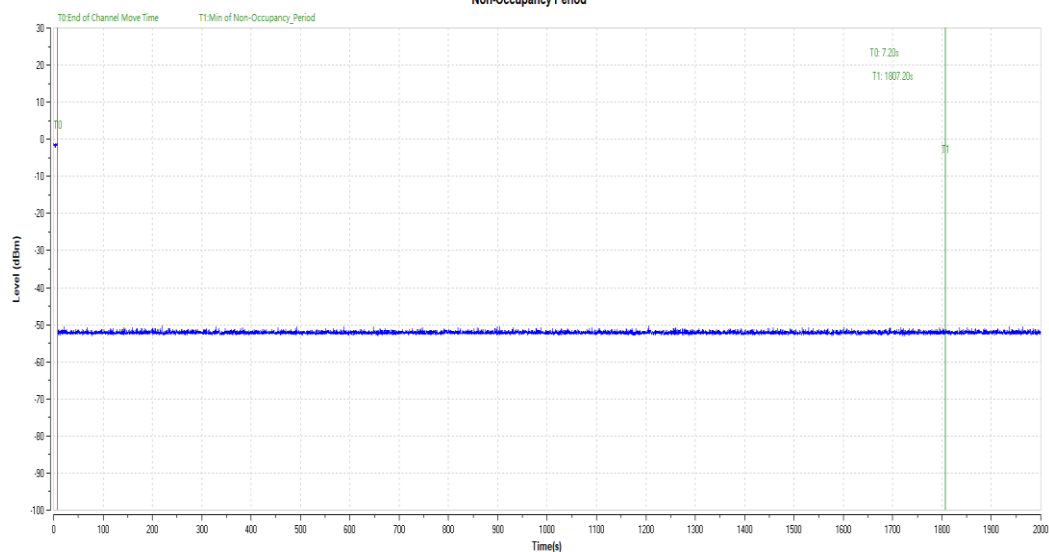


Non-Occupancy Period

TestMode	Frequency[MHz]	Result	Limit[s]	Verdict
11A	5260	see test graph	≥1800	PASS
11AC80MIMO	5530	see test graph	≥1800	PASS

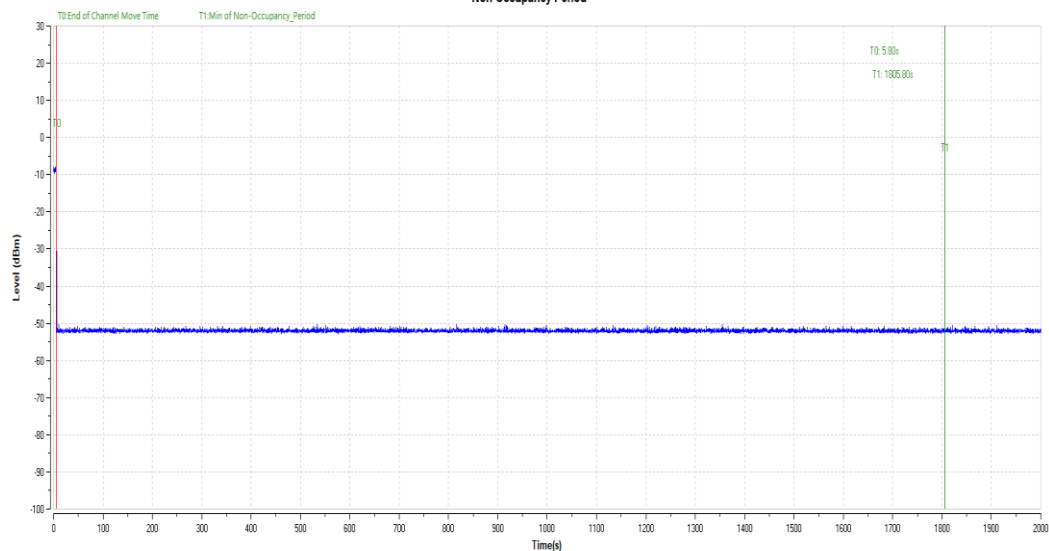
11A_5260

Non-Occupancy Period



11AC80MIMO_5530

Non-Occupancy Period

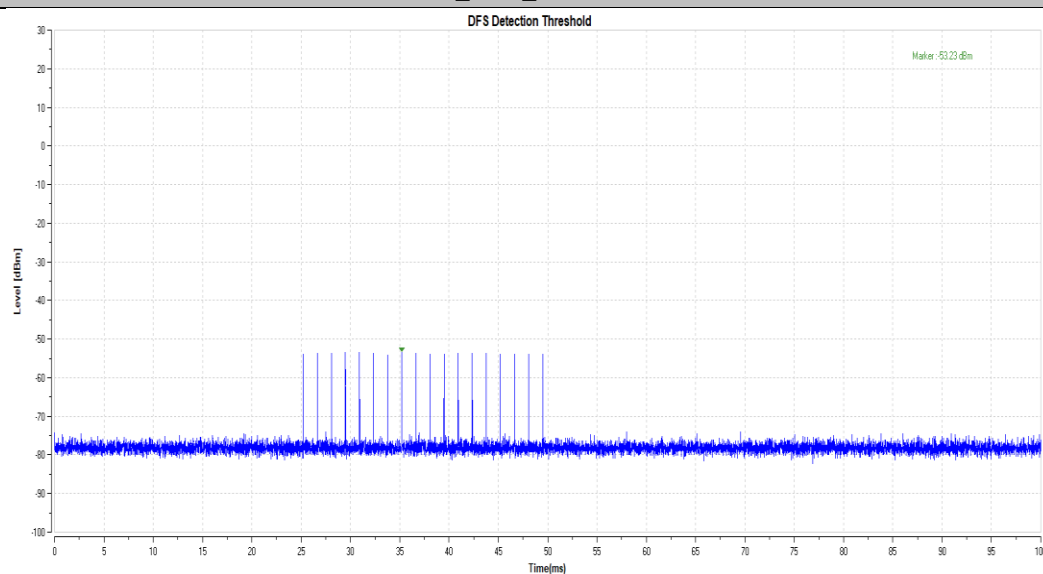


DFS Detection Thresholds

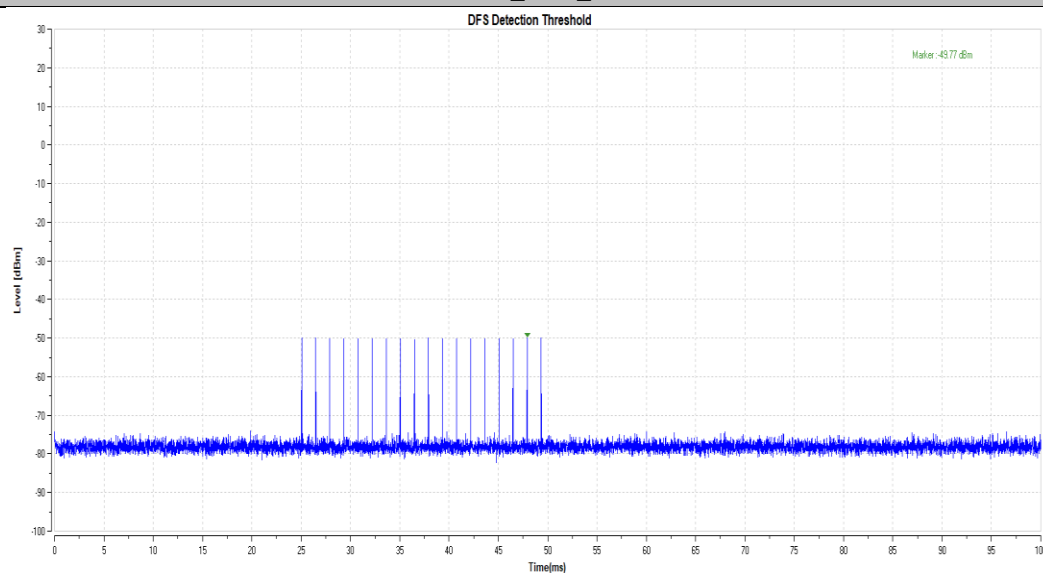
Devices operating in the 5600-5650 MHz band shall use the ETSI EN 301 893 test 835 procedure for demonstrating compliance with the DFS radar detection requirements

TestMode	Channel	Radar Type	Result	Limit[dbm]	Verdict
11A	5620	Reference	-53.23	-53.04	PASS
11AC80MIMO	5610	Reference	-49.77	-49.54	PASS

11A_5620_Reference



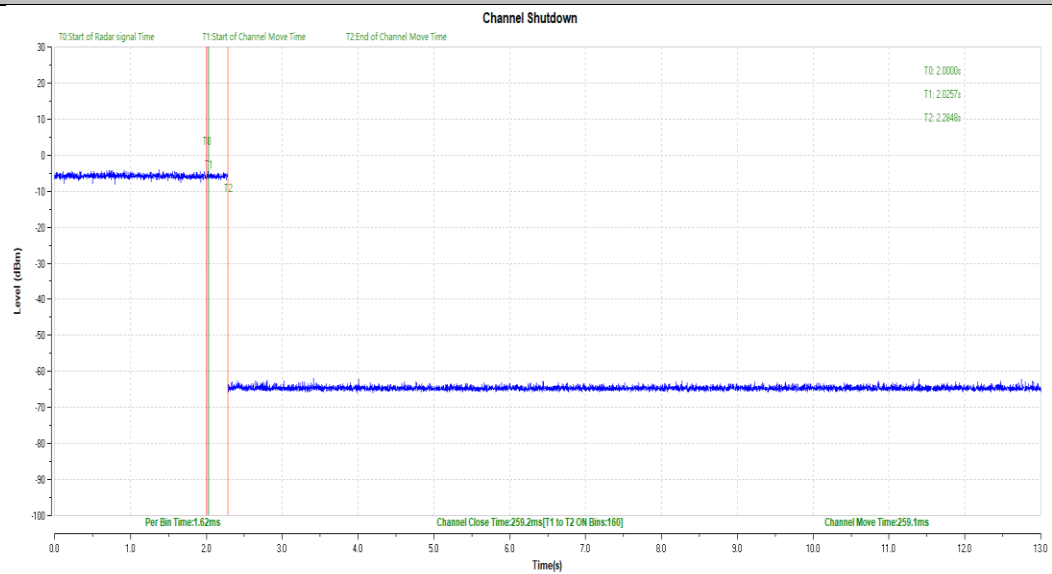
11AC80MIMO_5610_Reference



*Channel Move Time and Channel Closing Transmission Time
Devices operating in the 5600-5650 MHz band shall use the ETSI EN 301 893 test 835 procedure for demonstrating compliance with the DFS radar detection requirements*

TestMode	Channel	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11A	5620	259.2	1000	259.1	10000	PASS
11AC80MIMO	5610	314.28	1000	315.9	10000	PASS

11A_5620



11AC80MIMO_5610

