

Appendix A: Test Results of Wi-Fi 802.11 b/g/n

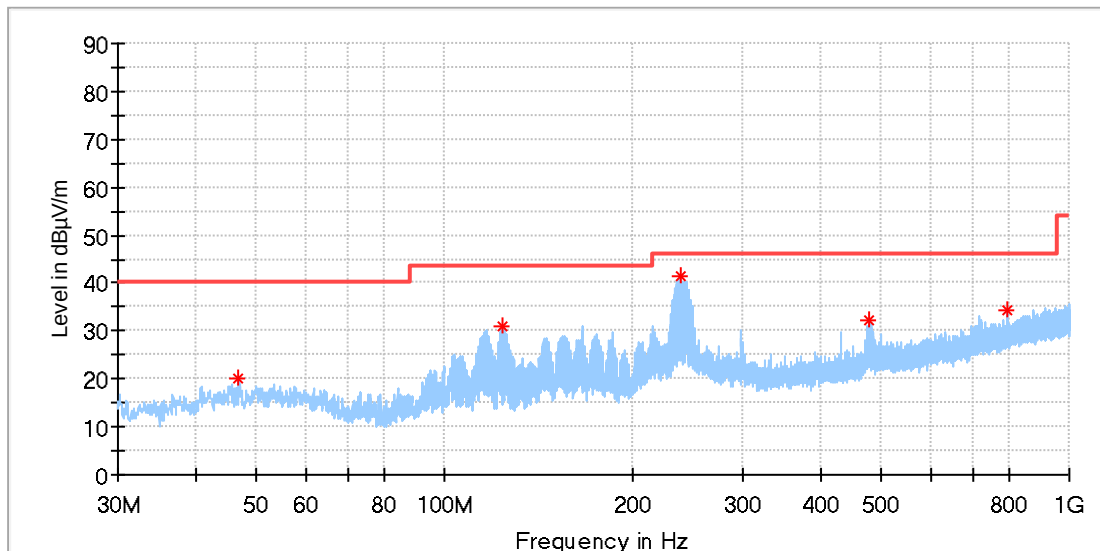
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Note: 1. Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported. 2. This testing was carried out on different modulations, but only the worst case was presented in this report.

Appendix A5: Test Results of Radiated Spurious Emissions 30MHz - 1GHz (Worst case)

EUT Information

EUT Name:	WIFI+BT module
Model:	DCT2VM2511
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168365112/A003224451-001
Test Voltage::	DC 5V From USB
Remark:	Temp 22 Humi:55%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

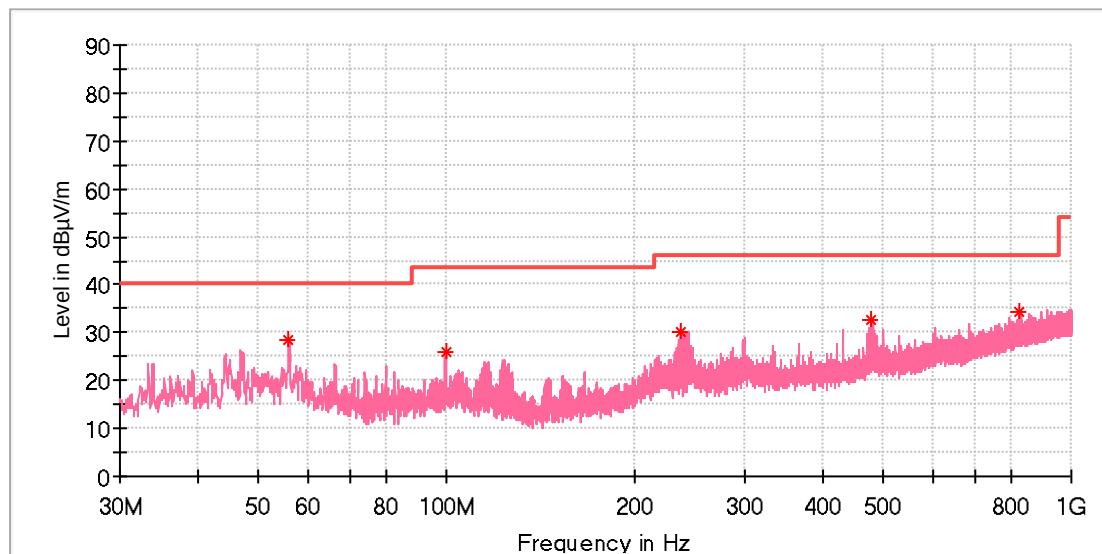


Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
46.878000	20.07	40.00	19.93	100.0	H	212.0	-18.5
124.090000	30.91	43.50	12.59	100.0	H	163.0	-21.2
239.277500	41.30	46.00	4.70	100.0	H	11.0	-17.7
478.916000	32.04	46.00	13.96	100.0	H	142.0	-12.2
798.288500	34.12	46.00	11.88	100.0	H	244.0	-6.4

EUT Information

EUT Name: WIFI+BT module
Model: DCT2VM2511
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168365112/A003224451-001
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

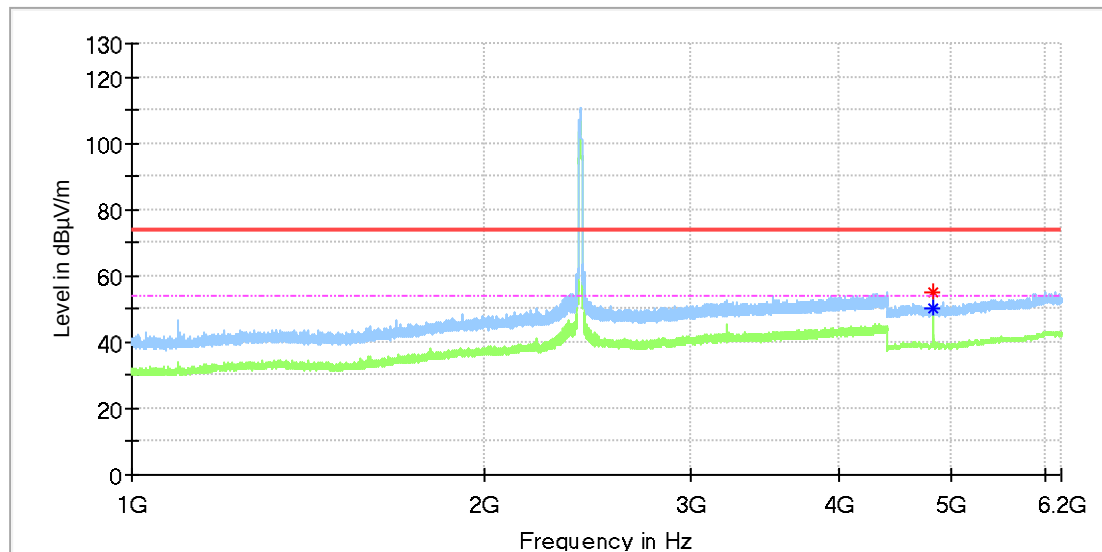
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
55.947500	28.35	40.00	11.65	100.0	V	67.0	-18.5
99.597500	25.93	43.50	17.57	100.0	V	237.0	-19.1
236.707000	30.30	46.00	15.70	100.0	V	98.0	-17.8
479.643500	32.77	46.00	13.23	100.0	V	83.0	-12.2
825.060500	34.40	46.00	11.60	100.0	V	113.0	-5.9

1GHz - 18GHz

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

EUT Information

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Order No/Sample No:	168365112/A003224451-001
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

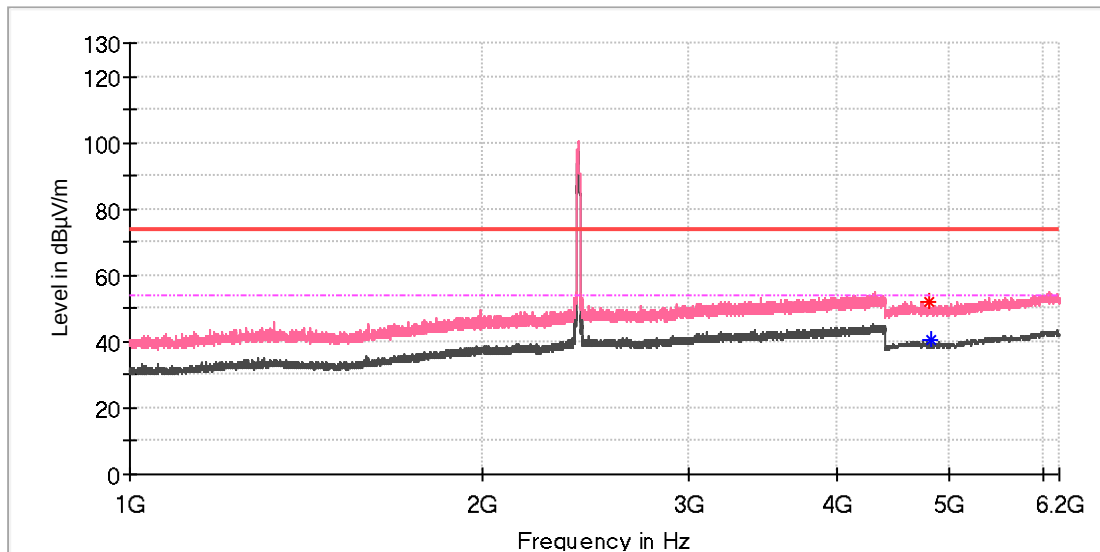
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4823.500000	55.10	---	74.00	18.90	100.0	H	136.0	11.8
4824.000000	---	50.12	54.00	3.88	100.0	H	136.0	11.8

Final_Result

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

EUT Information

EUT Name: WIFI+BT module
Model: DCT2VM2511
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168365112/A003224451-001
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

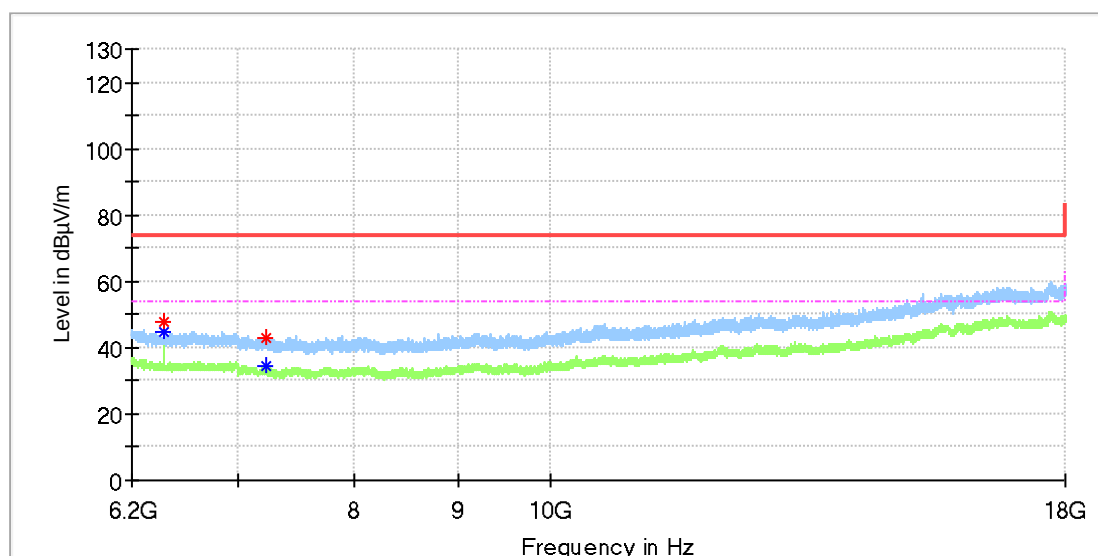
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4807.000000	52.17	---	74.00	21.83	100.0	V	61.0	11.8
4823.500000	---	40.36	54.00	13.64	100.0	V	33.0	11.8

Final Result

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

EUT Information

EUT Name: WIFI+BT module
 Model: DCT2VM2511
 Test Mode: WIFI 2.4G_11b_Ch1
 Order No/Sample No: 168365112/A003224451-001
 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

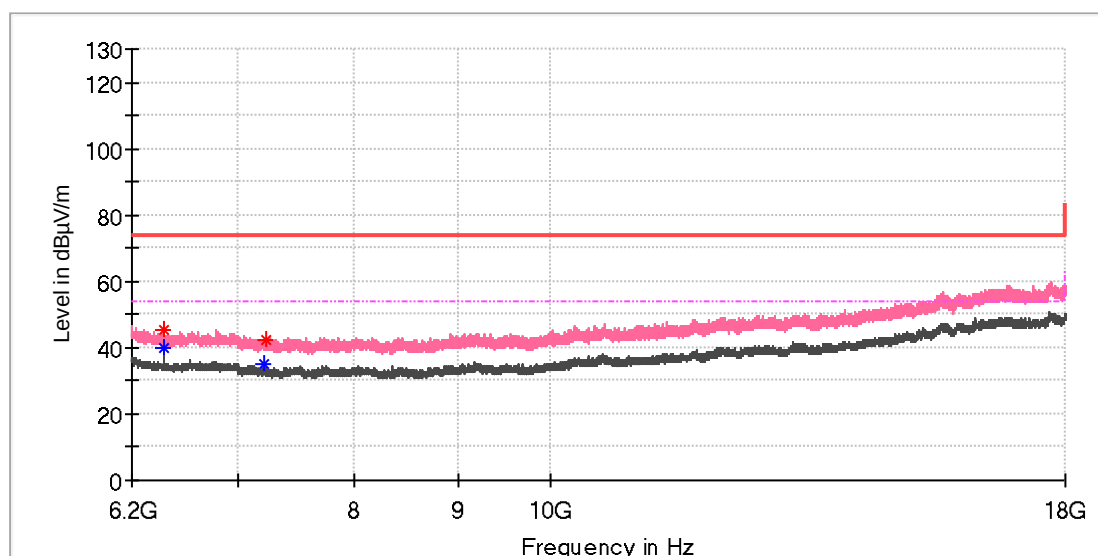
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6431.575000	---	44.78	54.00	9.22	100.0	H	148.0	8.8
6432.066667	47.94	---	74.00	26.06	100.0	H	112.0	8.7
7218.733333	---	34.25	54.00	19.75	100.0	H	23.0	8.7
7234.958333	42.63	---	74.00	31.37	100.0	H	210.0	8.6

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: DCT2VM2511
 Test Mode: WIFI 2.4G_11b_Ch1
 Order No/Sample No: 168365112/A003224451-001
 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

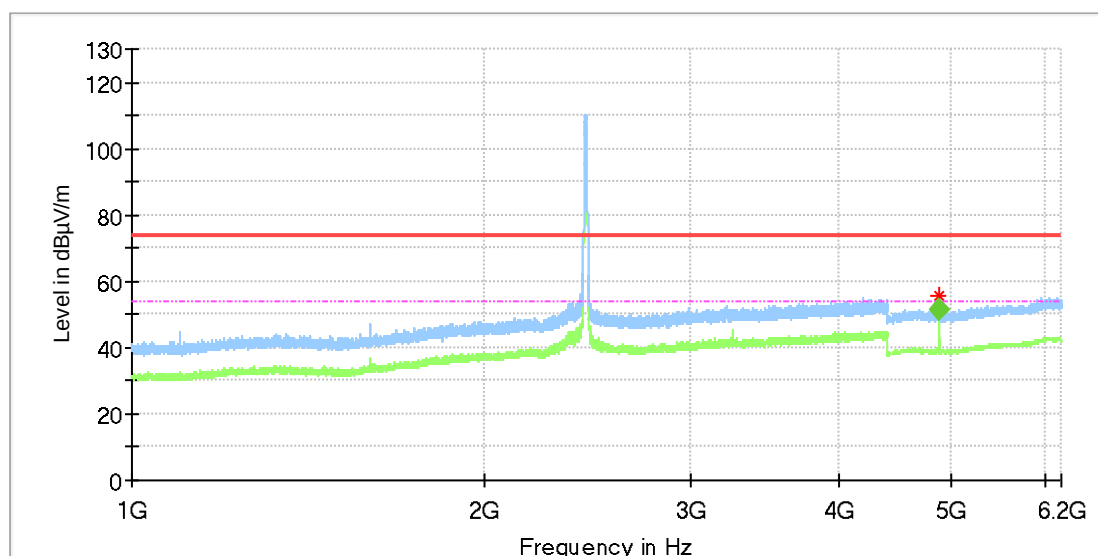
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6431.575000	---	40.07	54.00	13.93	100.0	V	126.0	8.8
6431.575000	45.26	---	74.00	28.74	100.0	V	126.0	8.8
7212.341667	---	35.01	54.00	18.99	100.0	V	291.0	8.7
7220.208333	42.55	---	74.00	31.45	100.0	V	205.0	8.7

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: DCT2VM2511
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168365112/A003224451-001
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)
4874.000000	55.80	---	74.00	18.20	100.0	H	137.0	11.8

Final Result

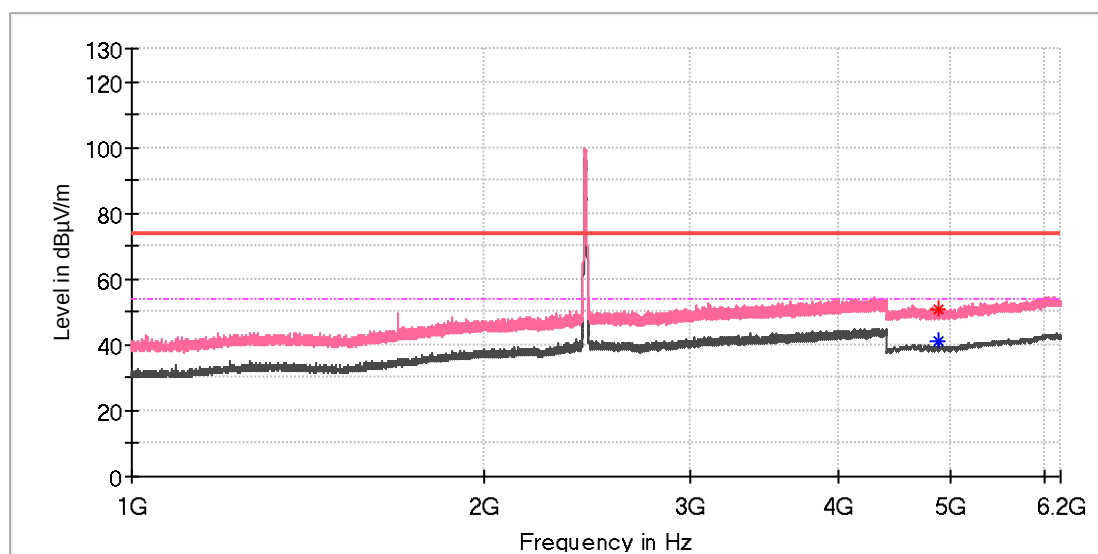
Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4873.938889	50.94	54.00	3.06	100.0	H	132.0	11.8

Prüfbericht - Produkte

Test Report - Products

EUT Information

EUT Name: WIFI+BT module
 Model: DCT2VM2511
 Test Mode: WIFI 2.4G_11b_Ch6
 Order No/Sample No: 168365112/A003224451-001
 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)
4873.500000	50.52	---	74.00	23.48	100.0	V	39.0	11.8
4874.000000	---	41.24	54.00	12.76	100.0	V	88.0	11.8

Final Result

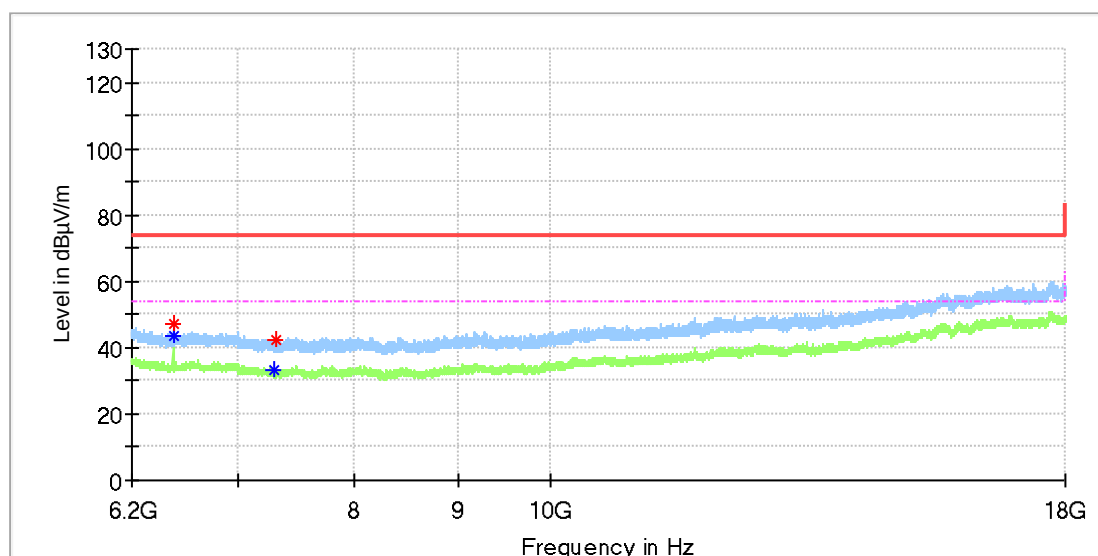
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Prüfbericht - Produkte

Test Report - Products

EUT Information

EUT Name: WIFI+BT module
 Model: DCT2VM2511
 Test Mode: WIFI 2.4G_11b_Ch6
 Order No/Sample No: 168365112/A003224451-001
 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**

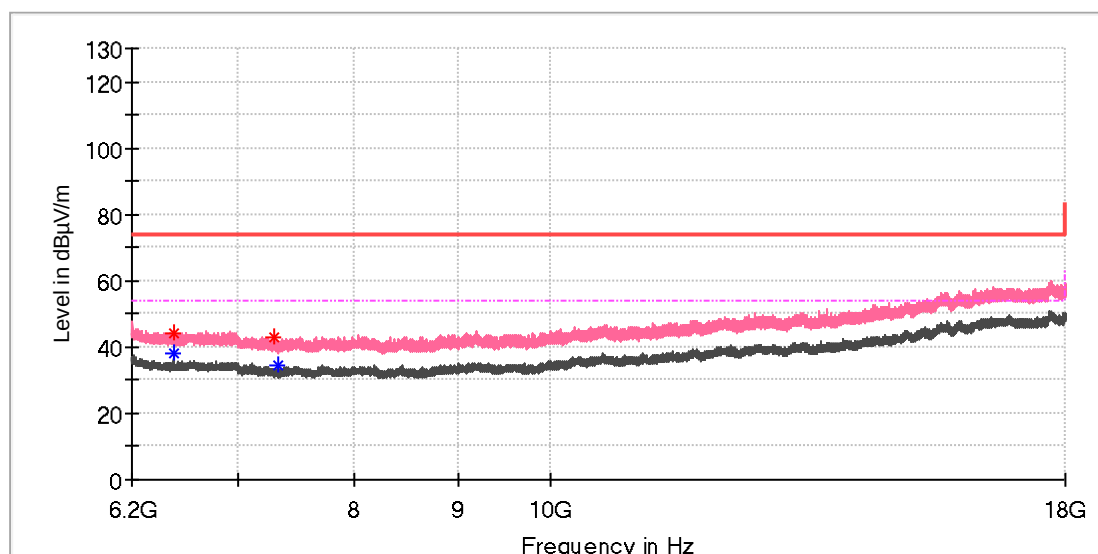
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6498.441667	47.01	---	74.00	26.99	100.0	H	124.0	8.8
6498.441667	---	43.51	54.00	10.49	100.0	H	124.0	8.8
7291.500000	---	33.14	54.00	20.86	100.0	H	354.0	8.3
7309.200000	42.35	---	74.00	31.65	100.0	H	283.0	8.2

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: DCT2VM2511
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168365112/A003224451-001
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

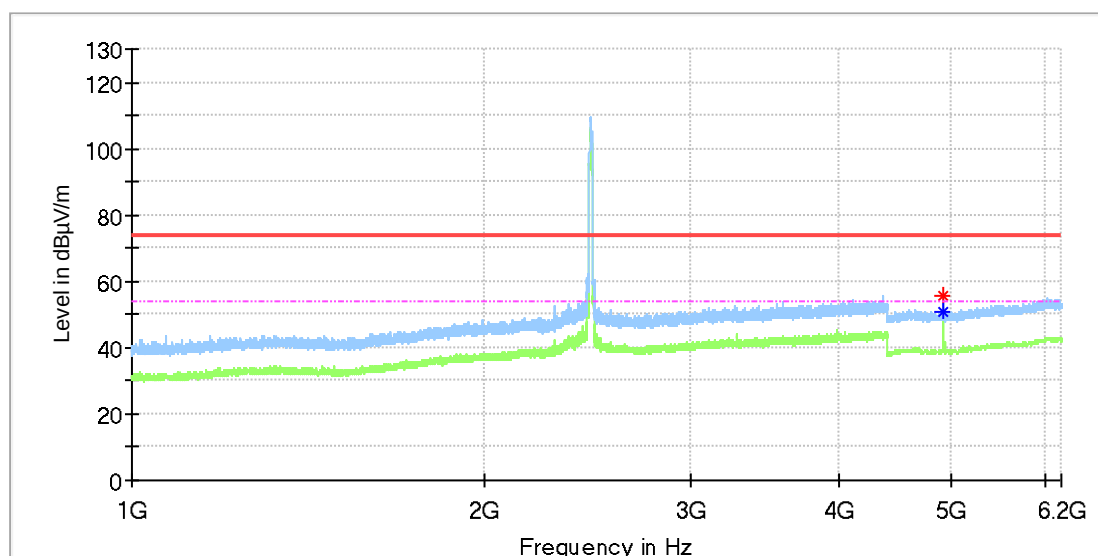
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6498.441667	43.96	---	74.00	30.04	100.0	V	60.0	8.8
6498.441667	---	38.29	54.00	15.71	100.0	V	60.0	8.8
7298.875000	42.74	---	74.00	31.26	100.0	V	46.0	8.3
7334.275000	---	34.38	54.00	19.62	100.0	V	109.0	8.1

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: DCT2VM2511
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168365112/A003224451-001
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

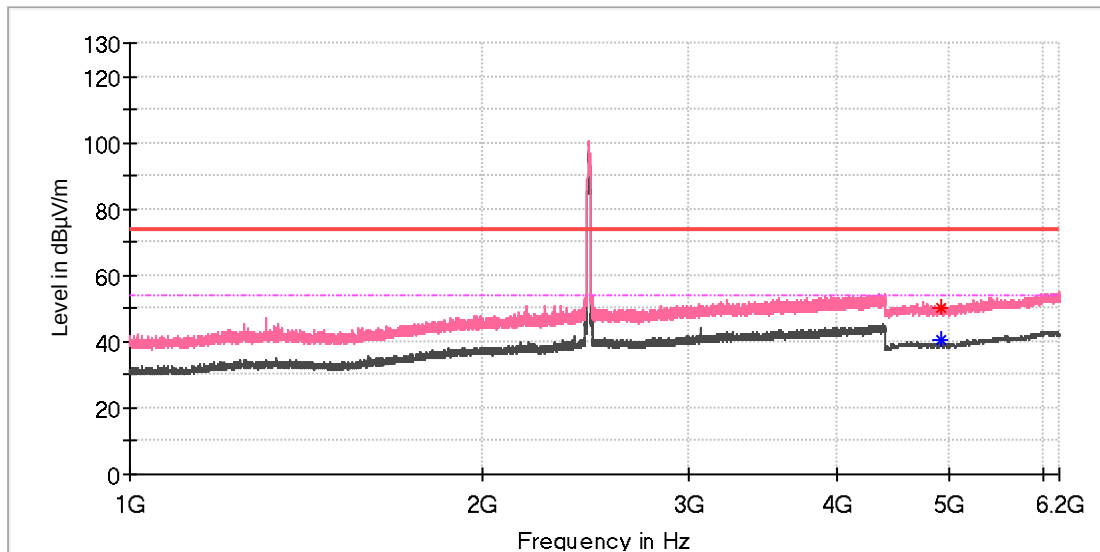
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4923.500000	---	50.88	54.00	3.12	100.0	H	138.0	11.8
4924.000000	55.92	---	74.00	18.08	100.0	H	138.0	11.8

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: DCT2VM2511
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168365112/A003224451-001
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

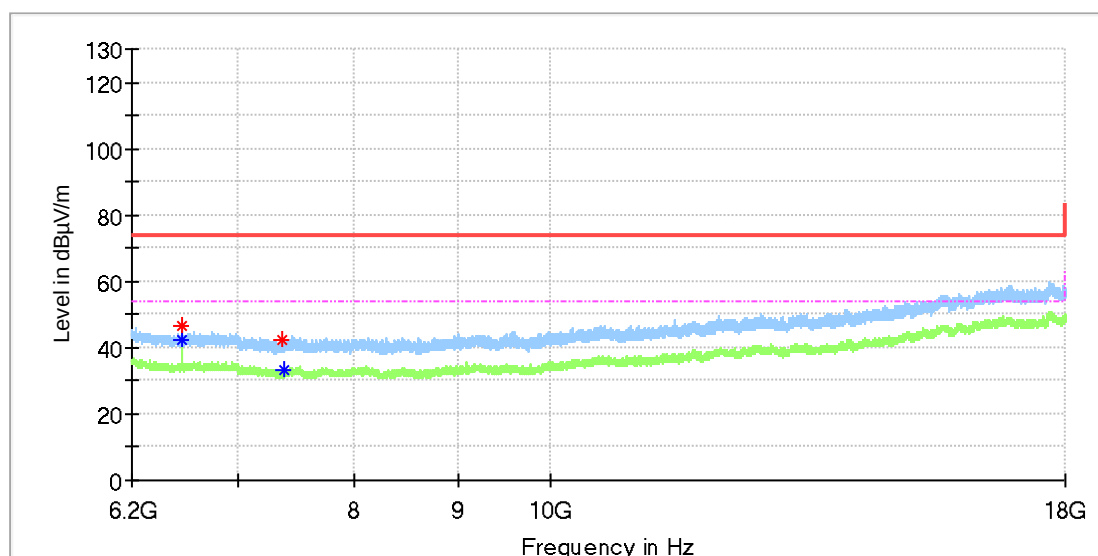
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4915.500000	50.25	---	74.00	23.75	100.0	V	46.0	11.8
4924.000000	---	40.54	54.00	13.46	100.0	V	24.0	11.8

Final Result

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

EUT Information

EUT Name:	WIFI+BT module
Model:	DCT2VM2511
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168365112/A003224451-001
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)
6564.816667	46.70	---	74.00	27.30	100.0	H	125.0	8.7
6565.308333	---	42.33	54.00	11.67	100.0	H	99.0	8.7
7364.266667	42.13	---	74.00	31.87	100.0	H	239.0	8.2
7370.658333	---	33.21	54.00	20.79	100.0	H	227.0	8.2

Final_Result

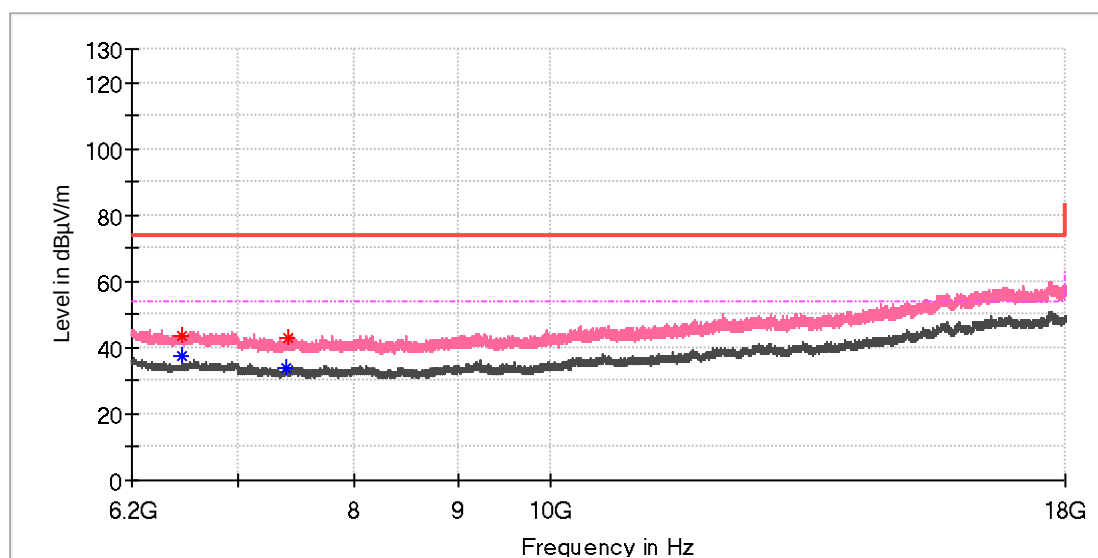
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Prüfbericht - Produkte

Test Report - Products

EUT Information

EUT Name: WIFI+BT module
 Model: DCT2VM2511
 Test Mode: WIFI 2.4G_11b_Ch11
 Order No/Sample No: 168365112/A003224451-001
 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)
6565.308333	43.69	---	74.00	30.31	100.0	V	6.0	8.7
6565.308333	---	37.51	54.00	16.49	100.0	V	6.0	8.7
7400.650000	---	33.61	54.00	20.39	100.0	V	302.0	8.3
7406.058333	42.83	---	74.00	31.17	100.0	V	0.0	8.3

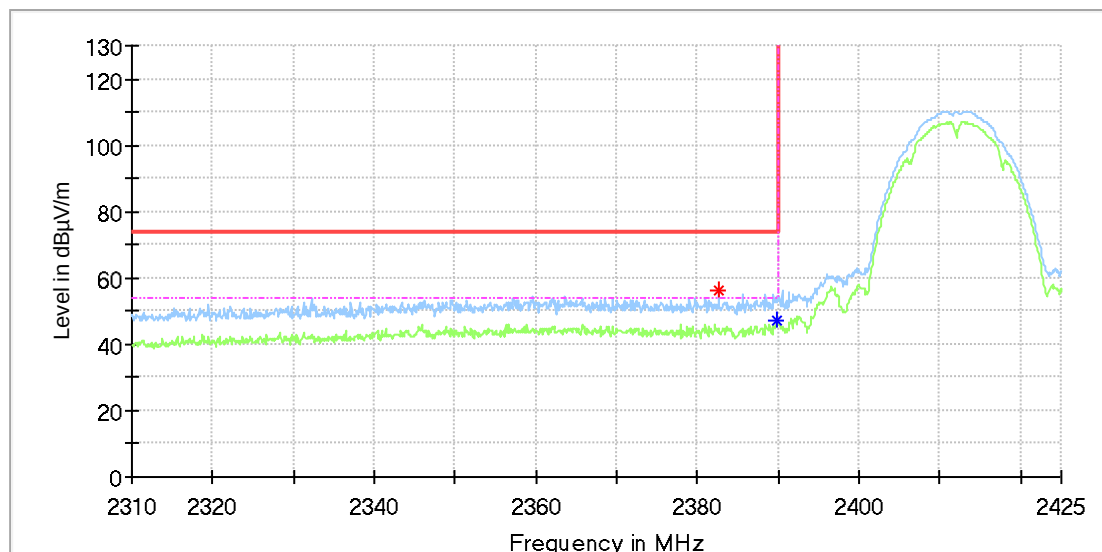
Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix A6: Test Results of Radiated Emissions in Restricted Bands

EUT Information

EUT Name: WIFI+BT module
Model: DCT2VM2511
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168365112/A003224451-001
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

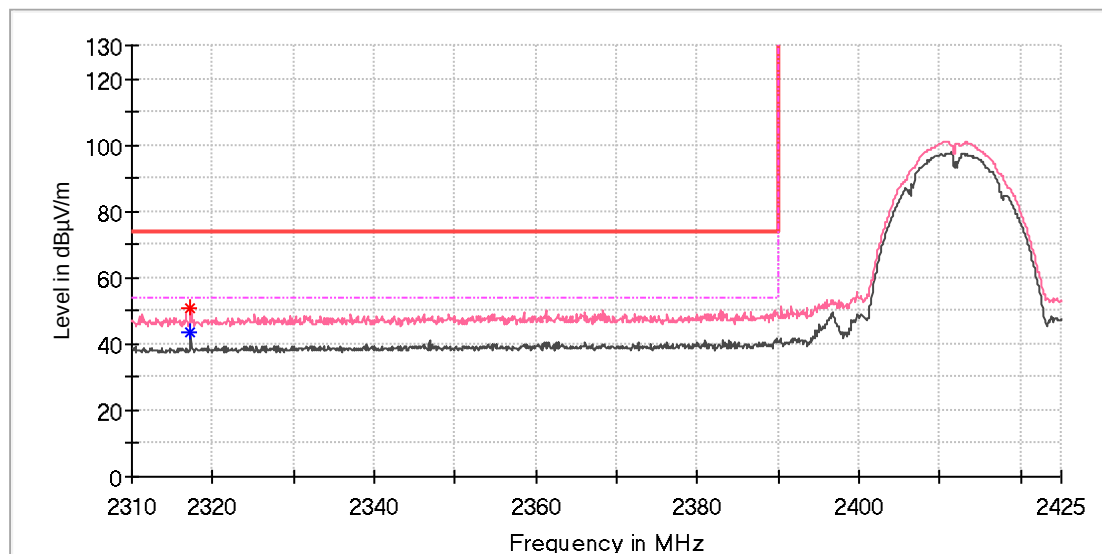
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2382.600000	56.12	---	74.00	17.88	100.0	H	115.0	7.0
2389.800000	---	47.00	54.00	7.00	100.0	H	115.0	7.0

Final_Result

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

EUT Information

EUT Name:	WIFI+BT module
Model:	DCT2VM2511
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168365112/A003224451-001
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

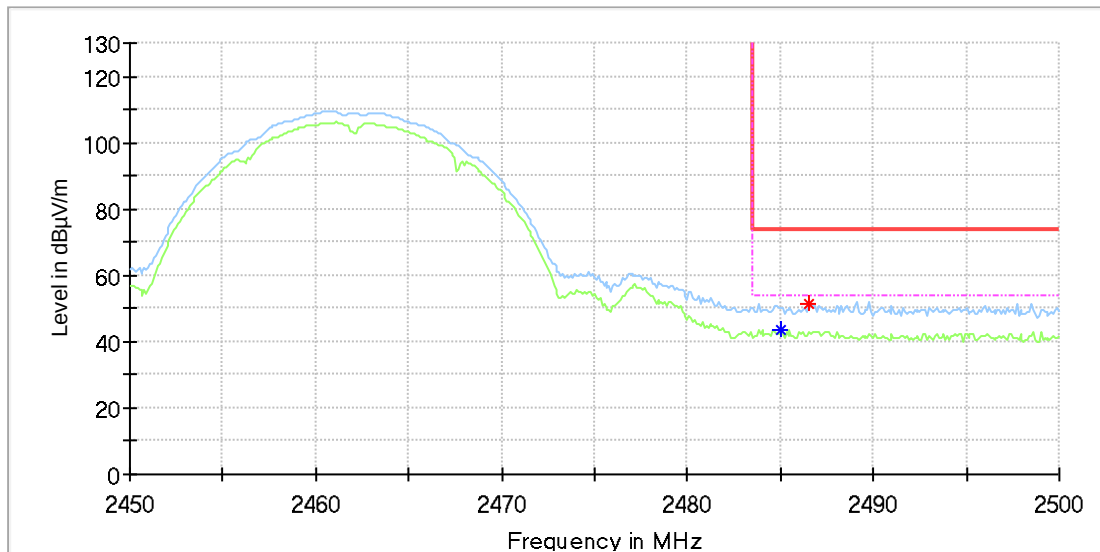
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2317.300000	---	43.73	54.00	10.27	100.0	V	301.0	6.6
2317.300000	50.63	---	74.00	23.37	100.0	V	301.0	6.6

Final Result

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

EUT Information

EUT Name: WIFI+BT module
Model: DCT2VM2511
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168365112/A003224451-001
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

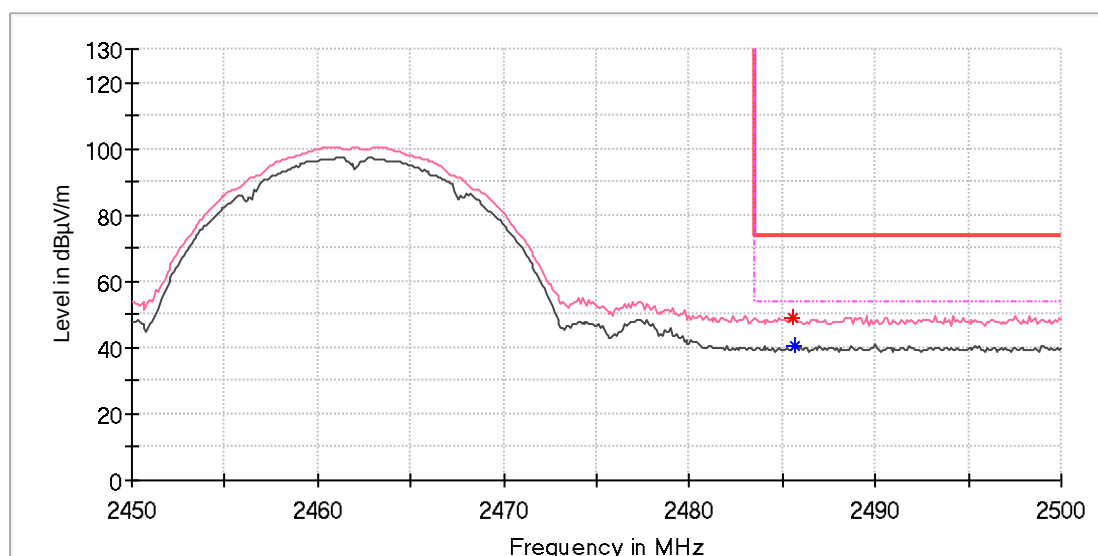
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.000000	---	43.61	54.00	10.39	100.0	H	120.0	7.4
2486.500000	51.35	---	74.00	22.65	100.0	H	120.0	7.4

Final Result

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

EUT Information

EUT Name:	WIFI+BT module
Model:	DCT2VM2511
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168365112/A003224451-001
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

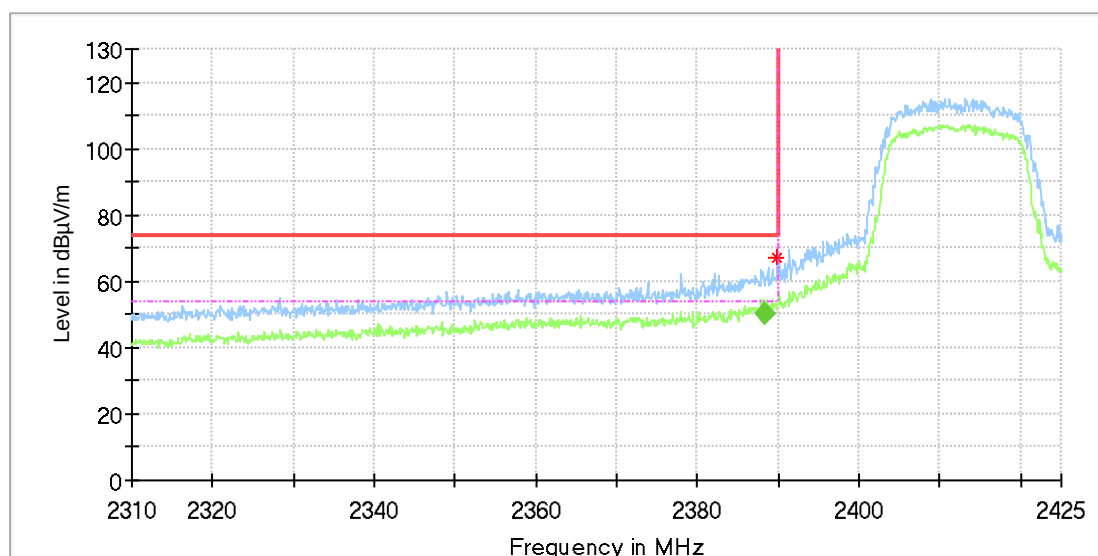
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.600000	49.05	---	74.00	24.95	100.0	V	272.0	7.4
2485.700000	---	40.74	54.00	13.26	100.0	V	272.0	7.4

Final Result

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

EUT Information

EUT Name: WIFI+BT module
Model: DCT2VM2511
Test Mode: WIFI 2.4G_11g_Ch1
Order No/Sample No: 168365112/A003224451-001
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

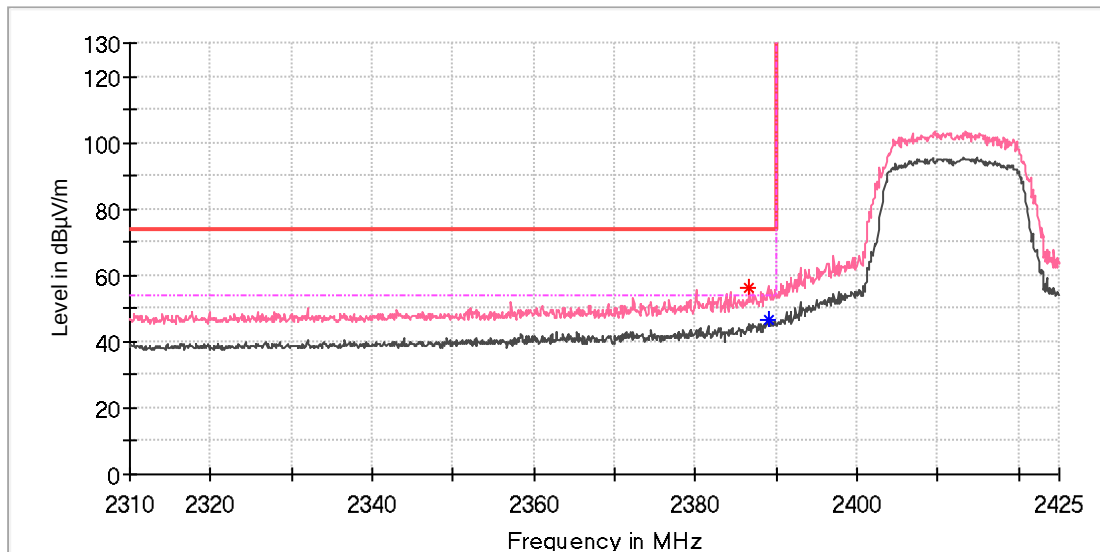
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.900000	66.82	---	74.00	7.18	100.0	H	115.0	7.0

Final Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.420700	50.10	54.00	3.90	100.0	H	120.0	7.0

EUT Information

EUT Name: WIFI+BT module
Model: DCT2VM2511
Test Mode: WIFI 2.4G_11g_Ch1
Order No/Sample No: 168365112/A003224451-001
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

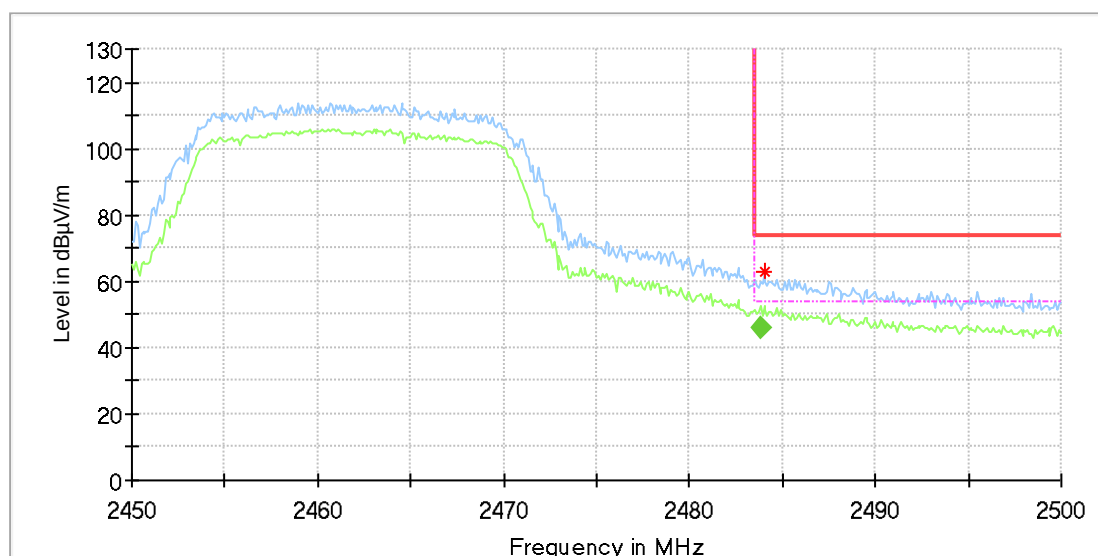
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.700000	56.36	---	74.00	17.64	100.0	V	111.0	7.0
2389.000000	---	46.70	54.00	7.30	100.0	V	111.0	7.0

Final Result

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

EUT Information

EUT Name:	WIFI+BT module
Model:	DCT2VM2511
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	168365112/A003224451-001
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

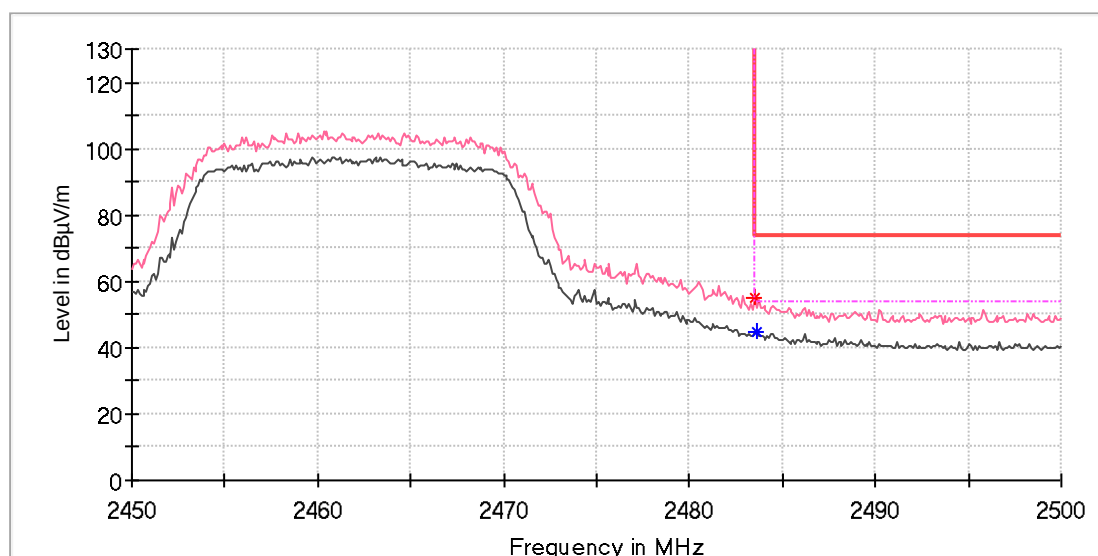
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.000000	62.98	---	74.00	11.02	100.0	H	112.0	7.4

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.832150	45.97	54.00	8.03	100.0	H	107.0	7.4

EUT Information

EUT Name:	WIFI+BT module
Model:	DCT2VM2511
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	168365112/A003224451-001
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

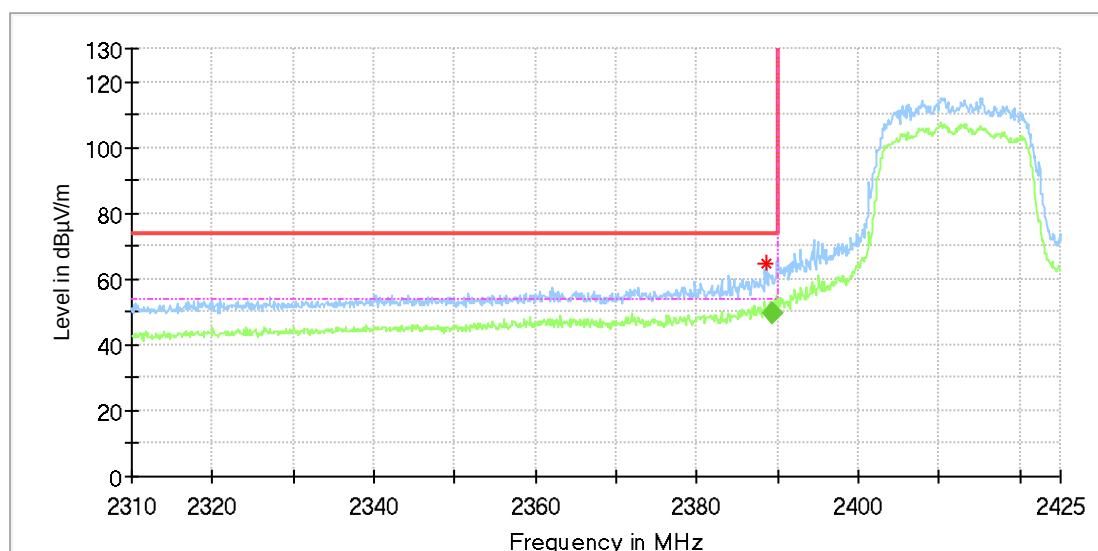
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.500000	55.16	---	74.00	18.84	100.0	V	161.0	7.4
2483.600000	---	44.75	54.00	9.25	100.0	V	161.0	7.4

Final Result

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

EUT Information

EUT Name: WIFI+BT module
Model: DCT2VM2511
Test Mode: WIFI 2.4G_11n20_Ch1
Order No/Sample No: 168365112/A003224451-001
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

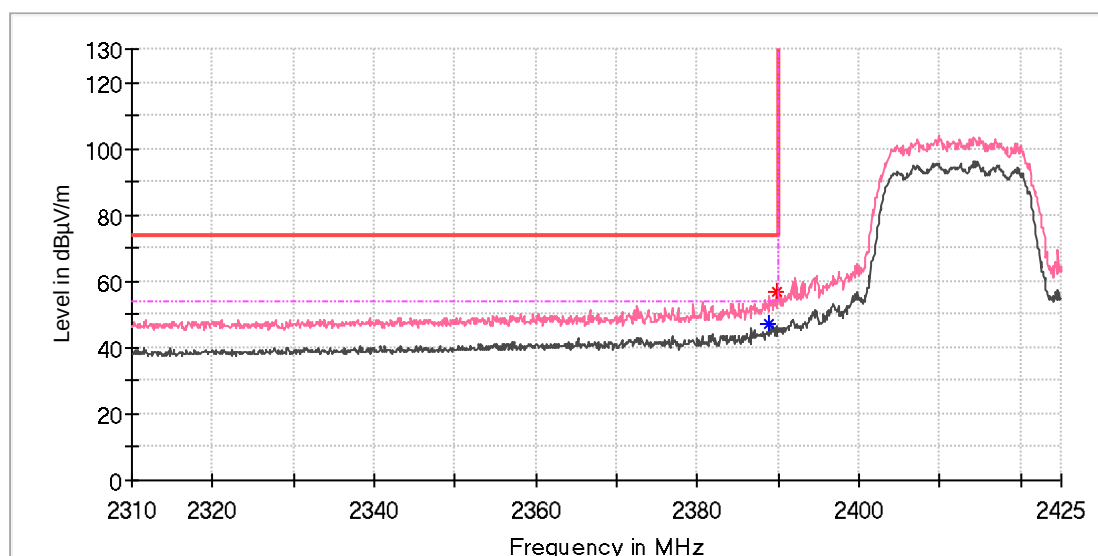
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.600000	64.60	---	74.00	9.40	100.0	H	133.0	7.0

Final Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.391150	49.58	54.00	4.42	100.0	H	118.0	7.0

EUT Information

EUT Name: WIFI+BT module
Model: DCT2VM2511
Test Mode: WIFI 2.4G_11n20_Ch1
Order No/Sample No: 168365112/A003224451-001
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

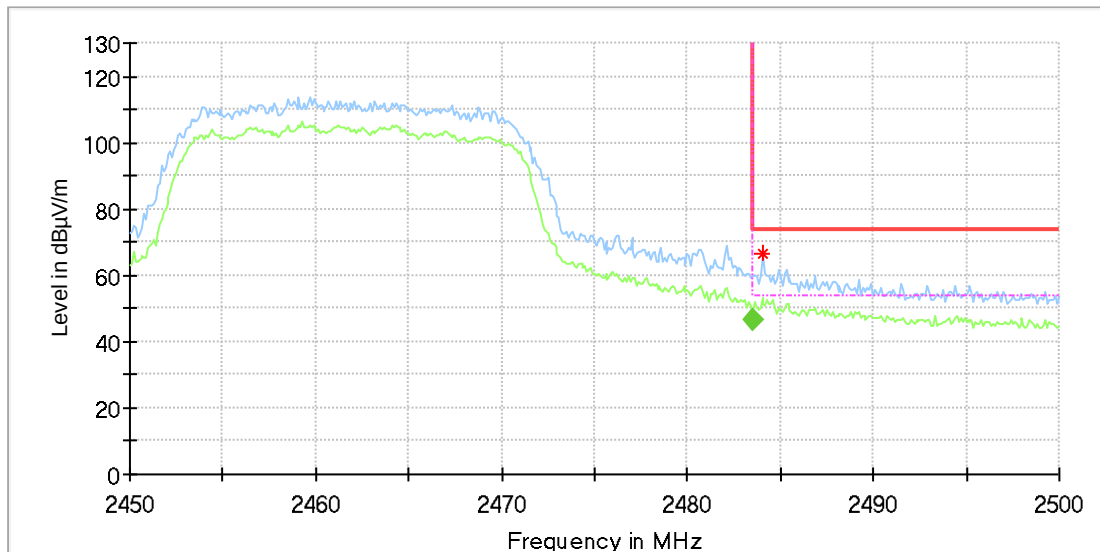
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.900000	---	47.02	54.00	6.98	100.0	V	112.0	7.0
2389.700000	56.59	---	74.00	17.41	100.0	V	102.0	7.0

Final Result

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

EUT Information

EUT Name: WIFI+BT module
Model: DCT2VM2511
Test Mode: WIFI 2.4G_11n20_Ch11
Order No/Sample No: 168365112/A003224451-001
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

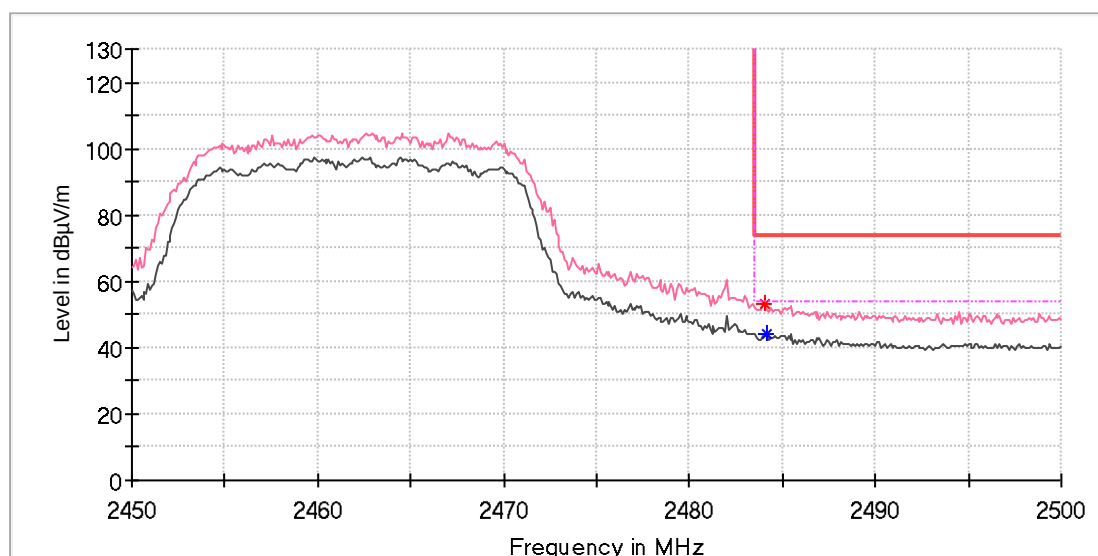
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.100000	66.31	---	74.00	7.69	100.0	H	154.0	7.4

Final Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.500600	46.64	54.00	7.36	100.0	H	149.0	7.4

EUT Information

EUT Name: WIFI+BT module
Model: DCT2VM2511
Test Mode: WIFI 2.4G_11n20_Ch11
Order No/Sample No: 168365112/A003224451-001
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

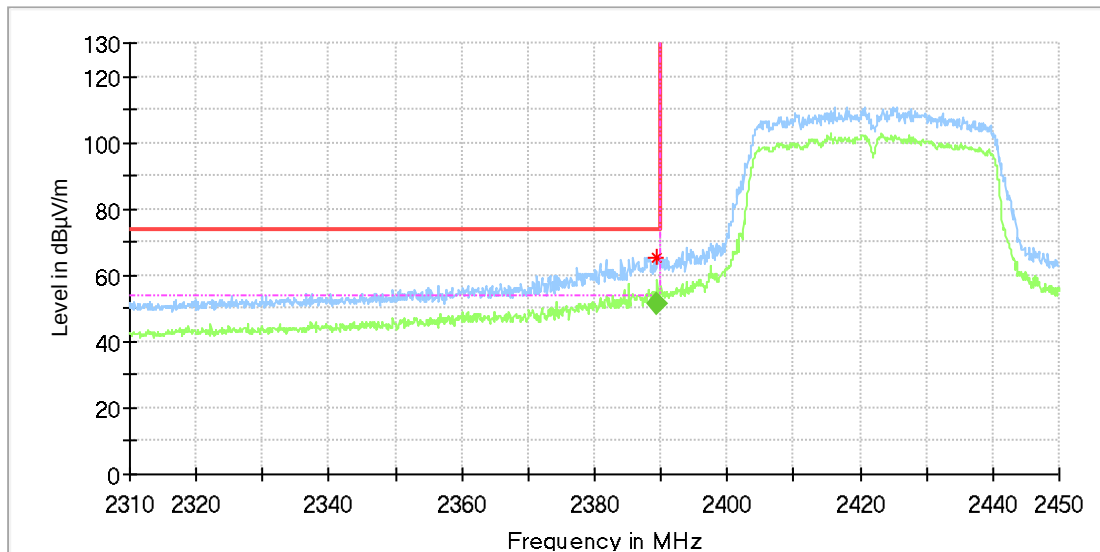
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.100000	53.40	---	74.00	20.60	100.0	V	156.0	7.4
2484.200000	---	44.11	54.00	9.89	100.0	V	116.0	7.4

Final Result

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

EUT Information

EUT Name: WIFI+BT module
Model: DCT2VM2511
Test Mode: WIFI 2.4G_11n40_Ch3
Order No/Sample No: 168365112/A003224451-001
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

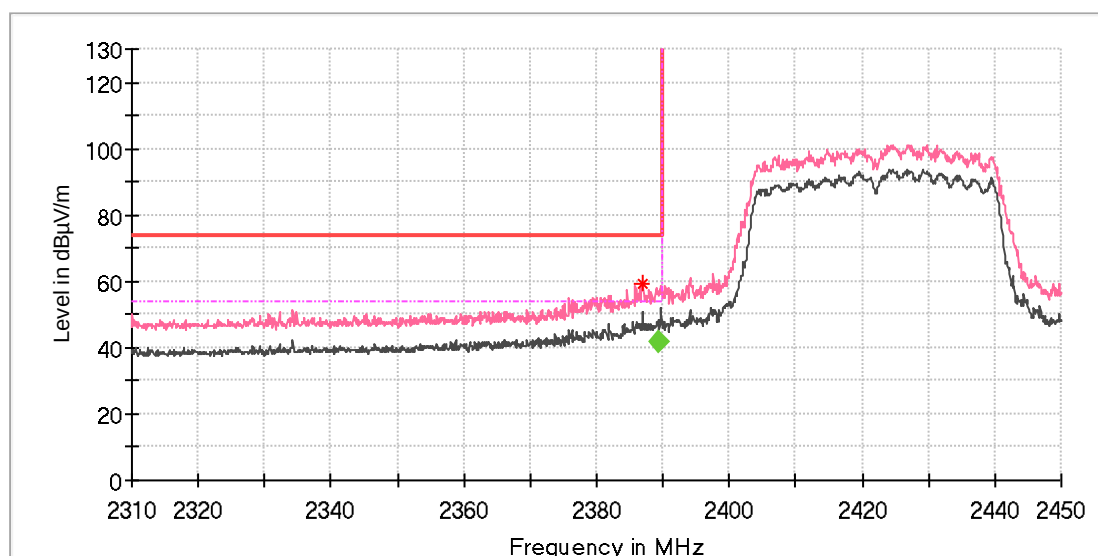
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.500000	65.43	---	74.00	8.57	100.0	H	121.0	7.0

Final Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.422800	50.84	54.00	3.16	105.0	H	116.0	7.0

EUT Information

EUT Name: WIFI+BT module
Model: DCT2VM2511
Test Mode: WIFI 2.4G_11n40_Ch3
Order No/Sample No: 168365112/A003224451-001
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

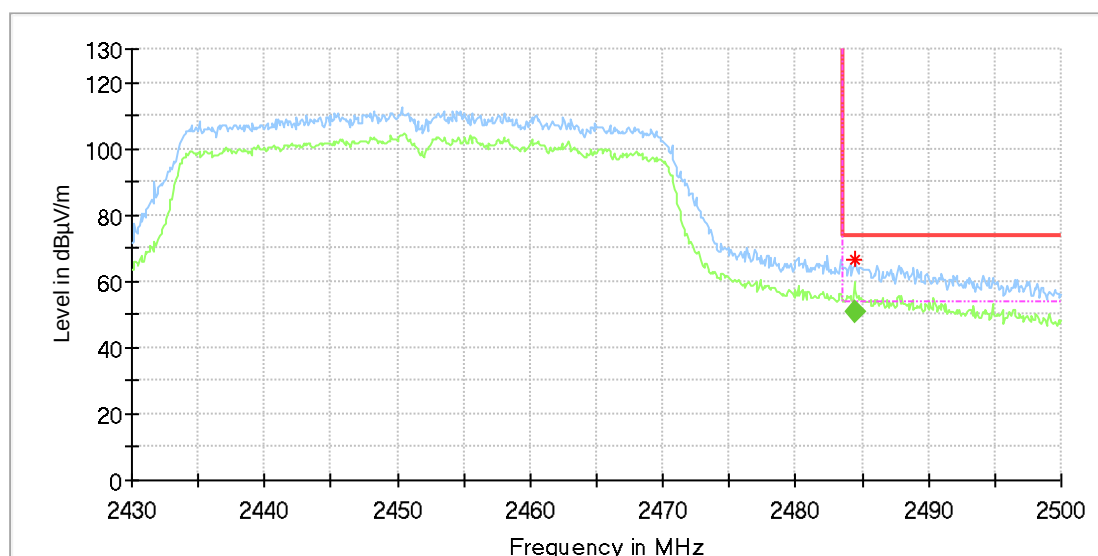
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.900000	59.00	---	74.00	15.00	100.0	V	110.0	7.0

Final Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.350500	41.72	54.00	12.28	100.0	V	100.0	7.0

EUT Information

EUT Name: WIFI+BT module
Model: DCT2VM2511
Test Mode: WIFI 2.4G_11n40_Ch9
Order No/Sample No: 168365112/A003224451-001
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

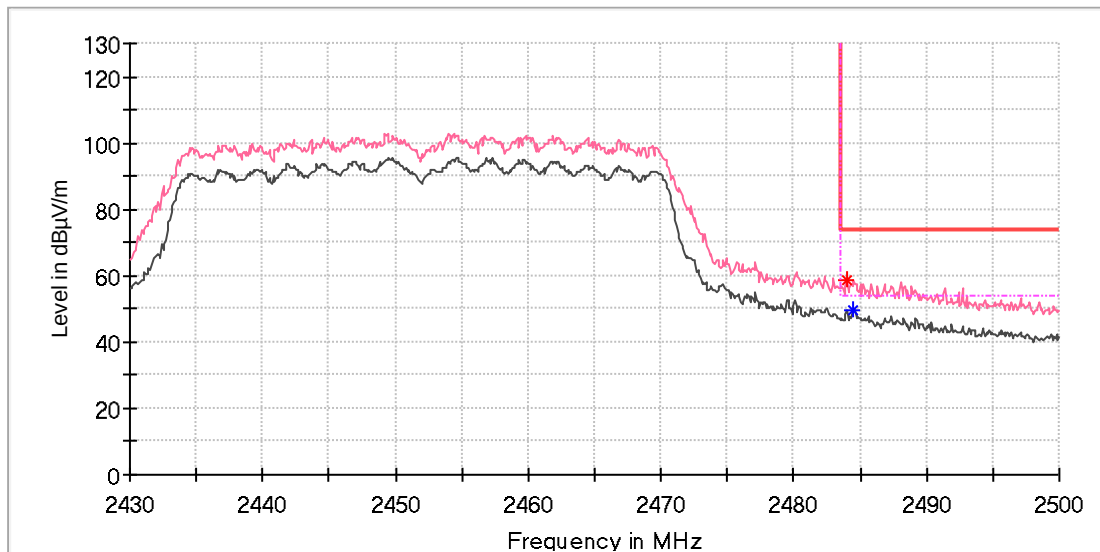
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.500000	66.71	---	74.00	7.29	100.0	H	149.0	7.4

Final Result

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.453900	50.86	54.00	3.14	100.0	H	148.0	7.4

EUT Information

EUT Name: WIFI+BT module
Model: DCT2VM2511
Test Mode: WIFI 2.4G_11n40_Ch9
Order No/Sample No: 168365112/A003224451-001
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)
2484.000000	58.45	---	74.00	15.55	100.0	V	114.0	7.4
2484.400000	---	49.86	54.00	4.14	100.0	V	84.0	7.4

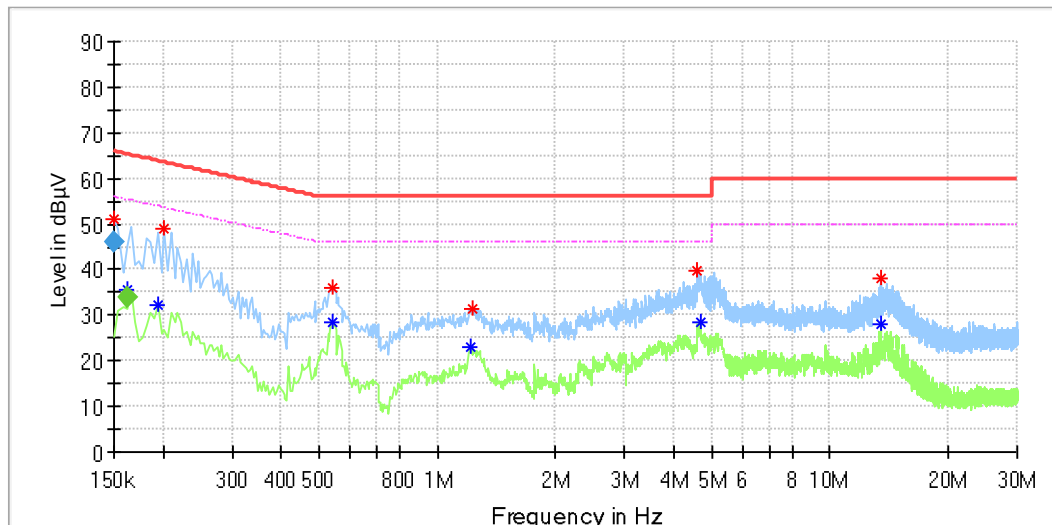
Final Result

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

Appendix A7: Test Results of Conducted Emission

EUT Information

EUT Name: WIFI+BT module
Order No: 168365112
Model: DCT2VM2511
Testmode: WIFI Operation
Test Voltage: AC 120V/60Hz
Test By: Kevin Zhou
Review By: Gary Chen
Tem./Hum./Pressure: 24.1°C/51%/101kPa



Critical_Freqs

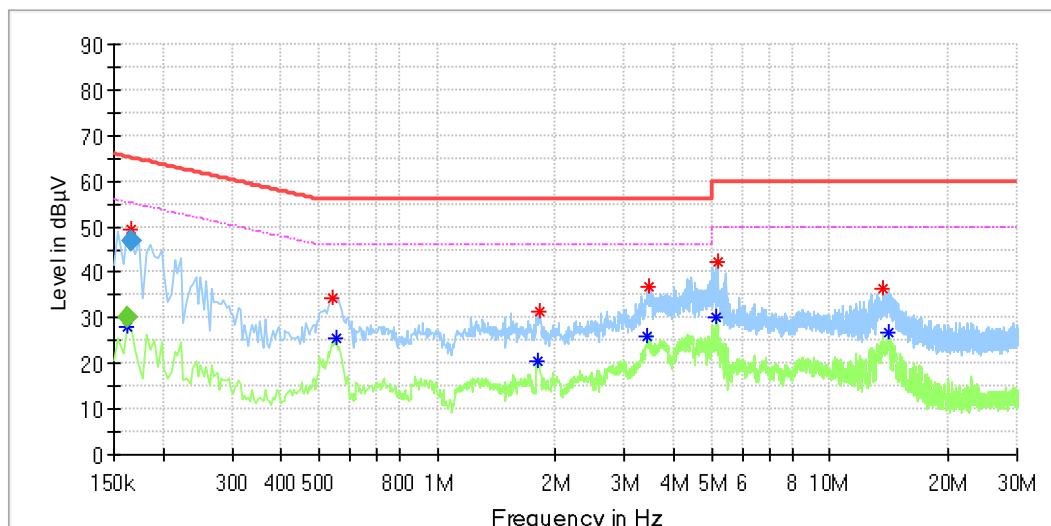
Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.150000	51.09	---	66.00	14.91	L1	9.9
0.161500	---	35.44	55.16	19.71	L1	9.9
0.194000	---	32.30	53.86	21.56	L1	9.9
0.202000	48.95	---	63.53	14.58	L1	9.9
0.538000	---	28.54	46.00	17.46	L1	10.0
0.542000	36.16	---	56.00	19.84	L1	10.0
1.210000	---	22.89	46.00	23.11	L1	10.1
1.234000	31.32	---	56.00	24.68	L1	10.1
4.606000	39.96	---	56.00	16.04	L1	10.2
4.666000	---	28.30	46.00	17.70	L1	10.2
13.438000	38.28	---	60.00	21.72	L1	10.4
13.438000	---	28.24	50.00	21.76	L1	10.4

Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.150000	46.05	---	66.00	19.95	1000.0	9.000	L1	9.9
0.161500	---	33.93	55.39	21.46	1000.0	9.000	L1	9.9

EUT Information

EUT Name: WIFI+BT module
Order No: 168365112
Model: DCT2VM2511
Test mode: WIFI Operation
Test Voltage: AC 120V/60Hz
Test By: Kevin Zhou
Review By: Gary Chen
Tem./Hum./Pressure: 24.1°C/51%/101kPa



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.161500	---	28.25	55.16	26.91	N	9.8
0.166500	49.24	---	65.36	16.12	N	9.8
0.538000	34.39	---	56.00	21.61	N	9.8
0.550000	---	25.73	46.00	20.27	N	9.8
1.798000	---	20.69	46.00	25.31	N	9.8
1.822000	31.41	---	56.00	24.59	N	9.8
3.418000	---	25.95	46.00	20.05	N	9.9
3.470000	36.89	---	56.00	19.11	N	9.9
5.158000	---	29.94	50.00	20.06	N	9.9
5.162000	42.45	---	60.00	17.55	N	9.9
13.686000	36.43	---	60.00	23.57	N	10.1
14.186000	---	26.86	50.00	23.14	N	10.1

Final Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.161500	---	30.30	55.39	25.09	1000.0	9.000	N	9.8
0.166500	46.75	---	65.13	18.39	1000.0	9.000	N	9.8