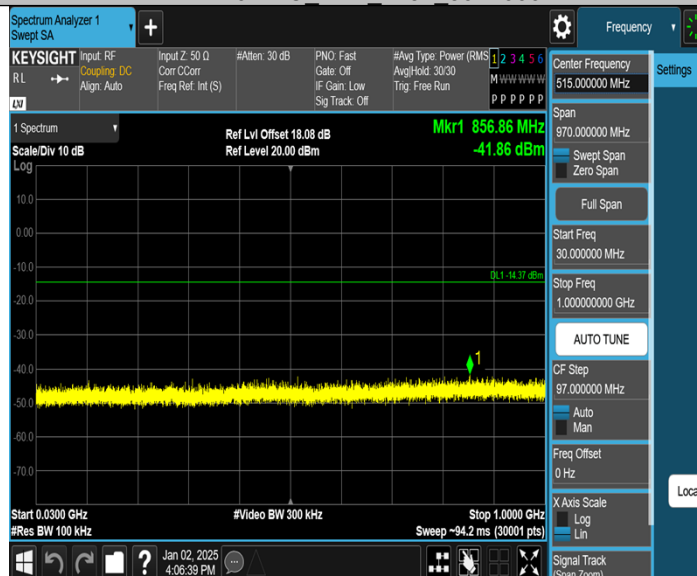


11N20SISO Ant1 2437 0~Reference



11N20SISO Ant1 2437 30~1000



11N20SISO Ant1 2437 1000~26500





11N40SISO_Ant1_2422_0~Reference



11N40SISO_Ant1_2422_30~1000



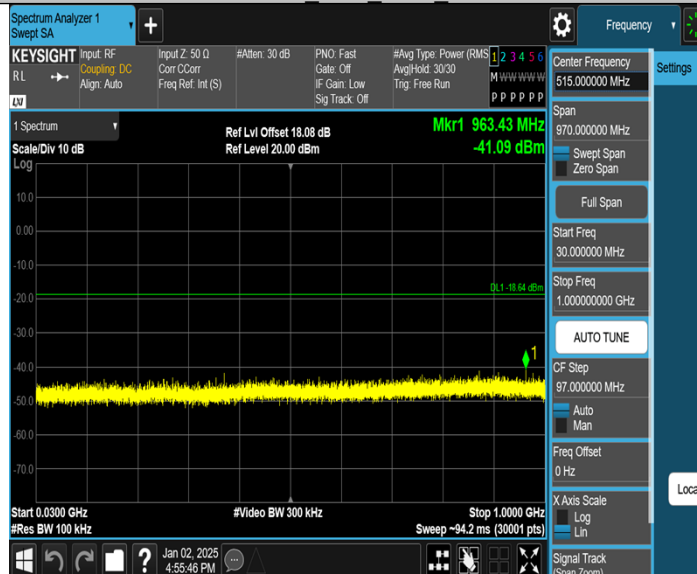
11N40SISO_Ant1_2422_1000~26500



11N40SISO_Ant1_2437_0~Reference



11N40SISO_Ant1_2437_30~1000



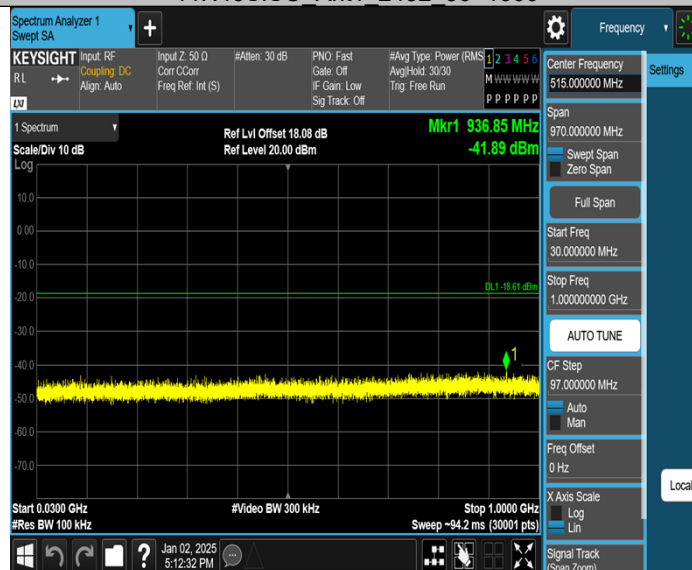
11N40SISO_Ant1_2437_1000~26500



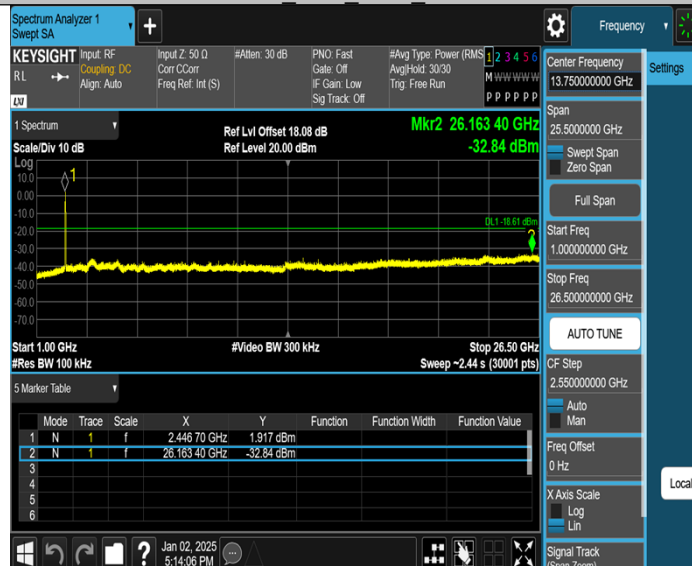
11N40SISO Ant1 2452 0~Reference



11N40SISO Ant1 2452 30~1000



11N40SISO Ant1 2452 1000~26500



Appendix A.6: Test Results of Radiated Spurious Emissions

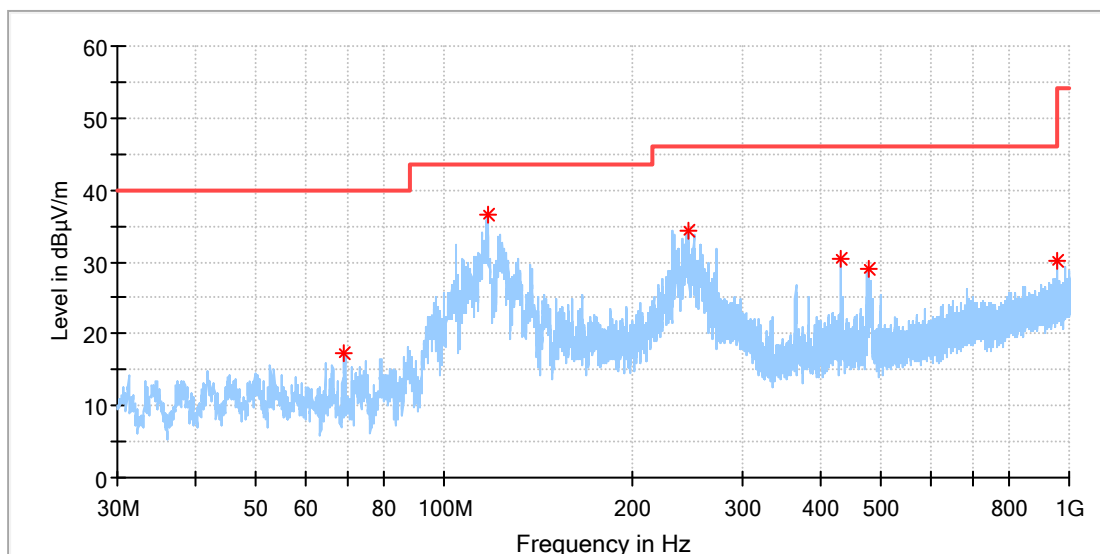
Note:

- 1) This testing was carried out on different modulations & different channels, 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:	DT3HR1601
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168518486/A003886577-011
Test Voltage:	DC 3.3V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

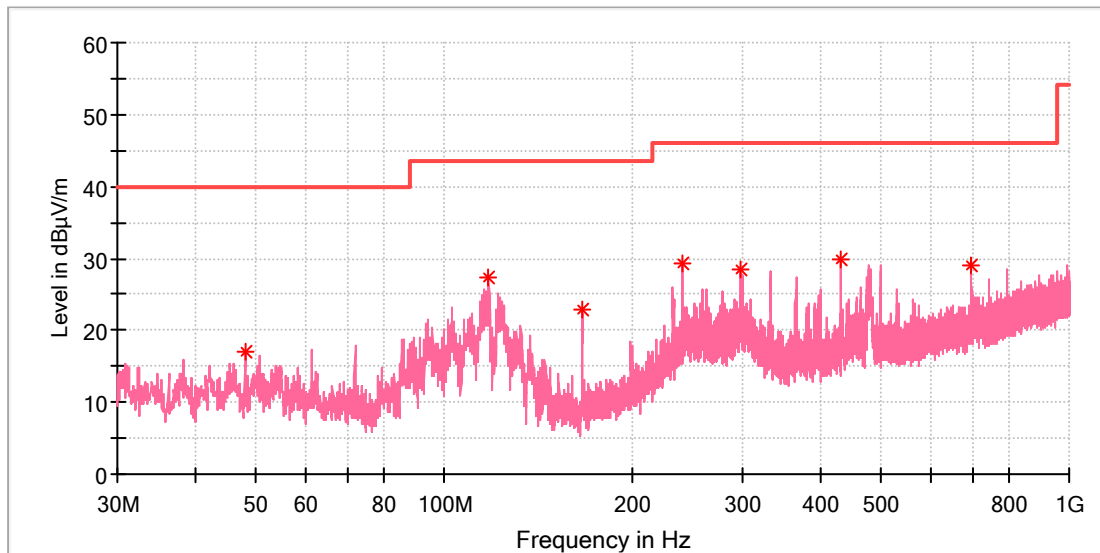
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
69.247692	17.17	40.00	22.83	100.0	H	232.0	-21.7
117.150769	36.46	43.50	7.04	100.0	H	209.0	-20.3
246.011539	34.40	46.00	11.60	100.0	H	209.0	-17.5
432.027692	30.50	46.00	15.50	100.0	H	30.0	-13.1
478.363846	29.03	46.00	16.97	100.0	H	232.0	-12.2
960.043462	30.12	54.00	23.88	100.0	H	336.0	-4.1

Final Result

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

EUT Information

EUT Name: WIFI+BT Module
Model: DT3HR1601
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
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)
47.982308	17.01	40.00	22.99	100.0	V	182.0	-18.5
117.934231	27.48	43.50	16.02	100.0	V	240.0	-20.5
166.285000	22.79	43.50	20.71	100.0	V	231.0	-21.5
240.005000	29.16	46.00	16.84	100.0	V	278.0	-17.7
298.764615	28.40	46.00	17.60	100.0	V	216.0	-16.3
432.027692	29.89	46.00	16.11	100.0	V	270.0	-13.1
698.926923	29.06	46.00	16.94	100.0	V	287.0	-8.0

Final Result

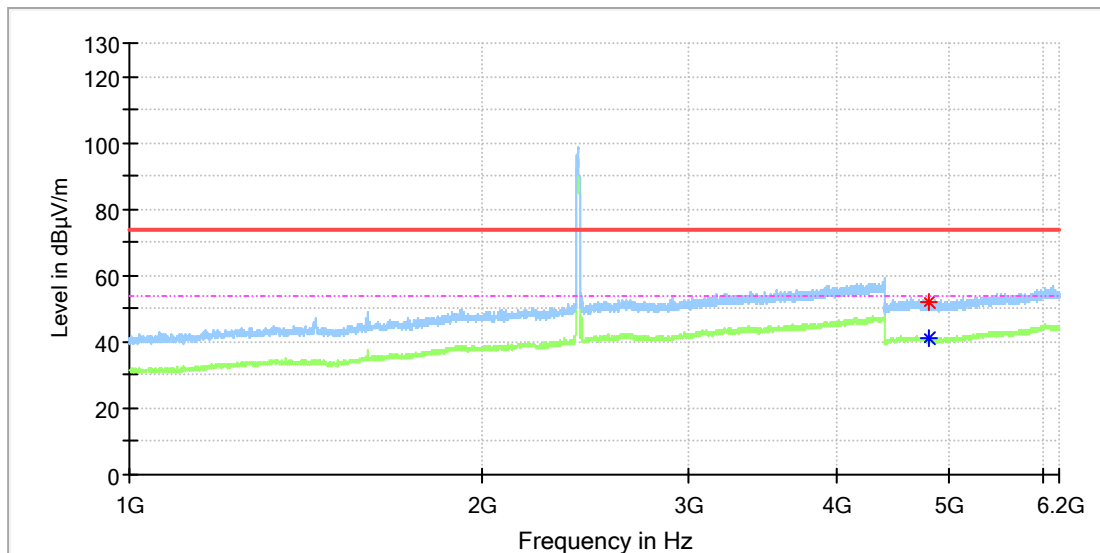
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

1GHz - 18GHz

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

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3HR1601
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168518486/A003886577-011
Test Voltage:	DC 3.3V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

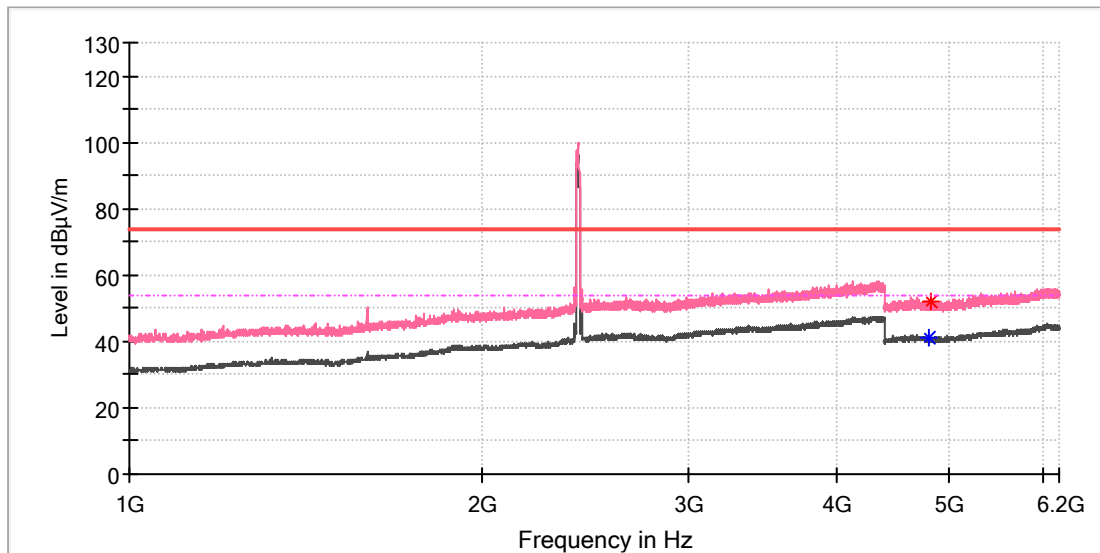
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4810.500000	---	41.27	54.00	12.73	150.0	H	305.0	13.3
4811.000000	52.30	---	74.00	21.70	150.0	H	357.0	13.3

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: DT3HR1601
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

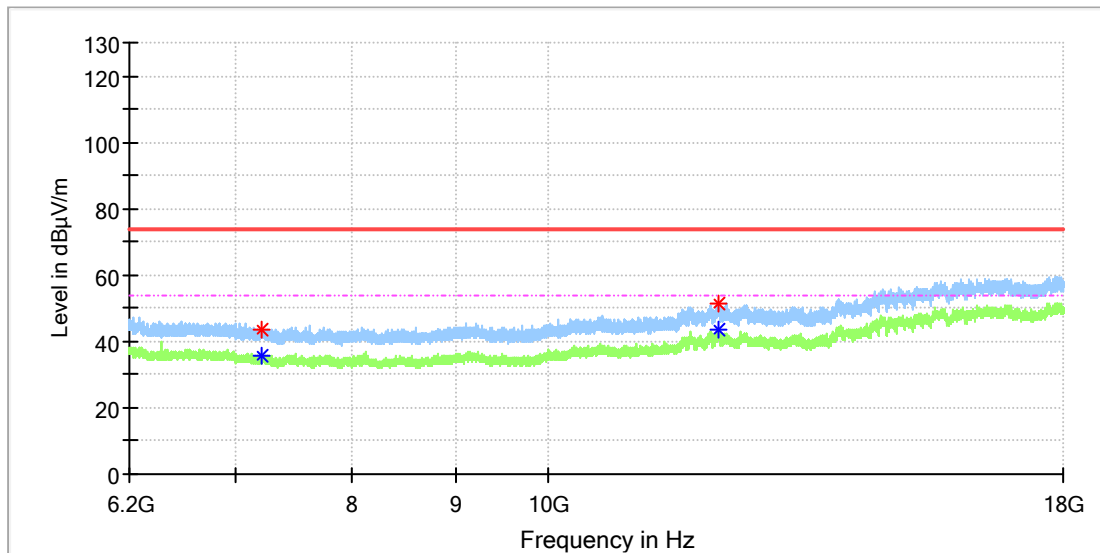
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4807.000000	---	41.40	54.00	12.60	150.0	V	276.0	13.3
4811.500000	52.11	---	74.00	21.89	150.0	V	137.0	13.3

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: DT3HR1601
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

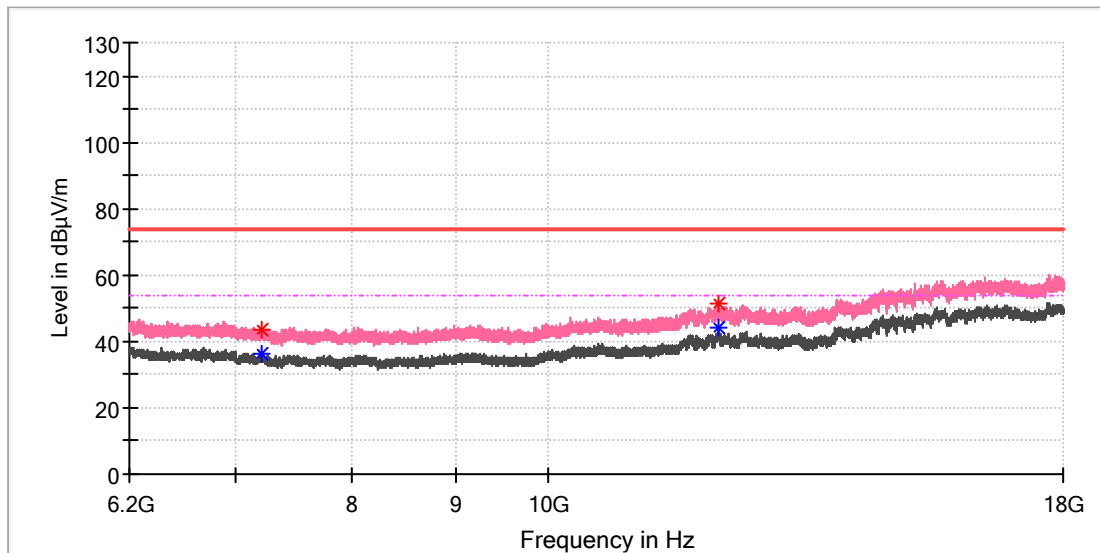
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7203.491667	---	35.84	54.00	18.16	150.0	H	359.0	8.8
7209.391667	43.77	---	74.00	30.23	150.0	H	219.0	8.8
12138.841667	51.59	---	74.00	22.41	150.0	H	0.0	16.4
12147.691667	---	43.30	54.00	10.70	150.0	H	55.0	16.7

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: DT3HR1601
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

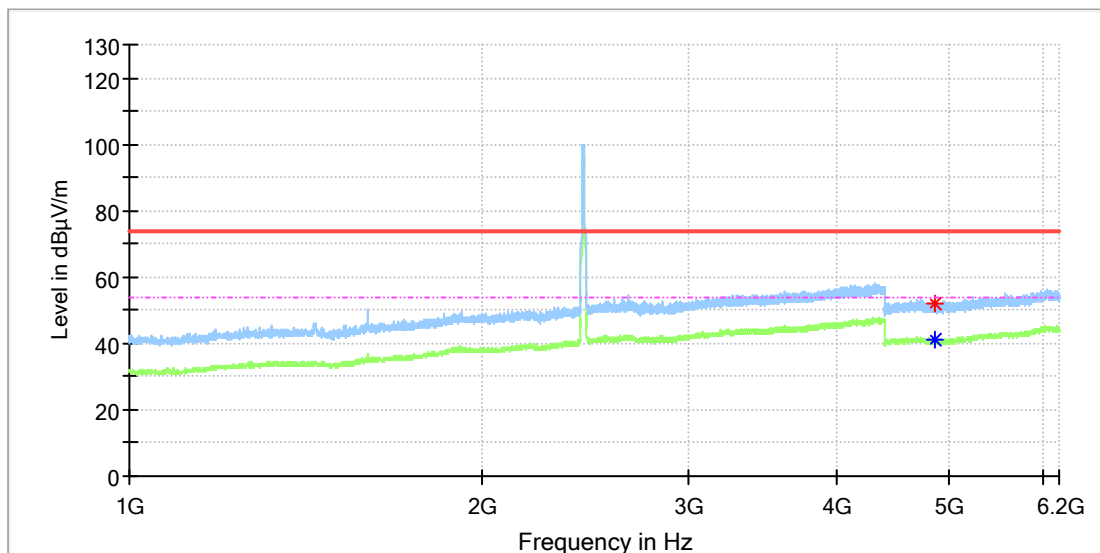
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7209.391667	---	36.02	54.00	17.98	150.0	V	177.0	8.8
7213.325000	43.59	---	74.00	30.41	150.0	V	0.0	8.7
12132.450000	51.23	---	74.00	22.77	150.0	V	233.0	16.3
12132.450000	---	43.91	54.00	10.09	150.0	V	233.0	16.3

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: DT3HR1601
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

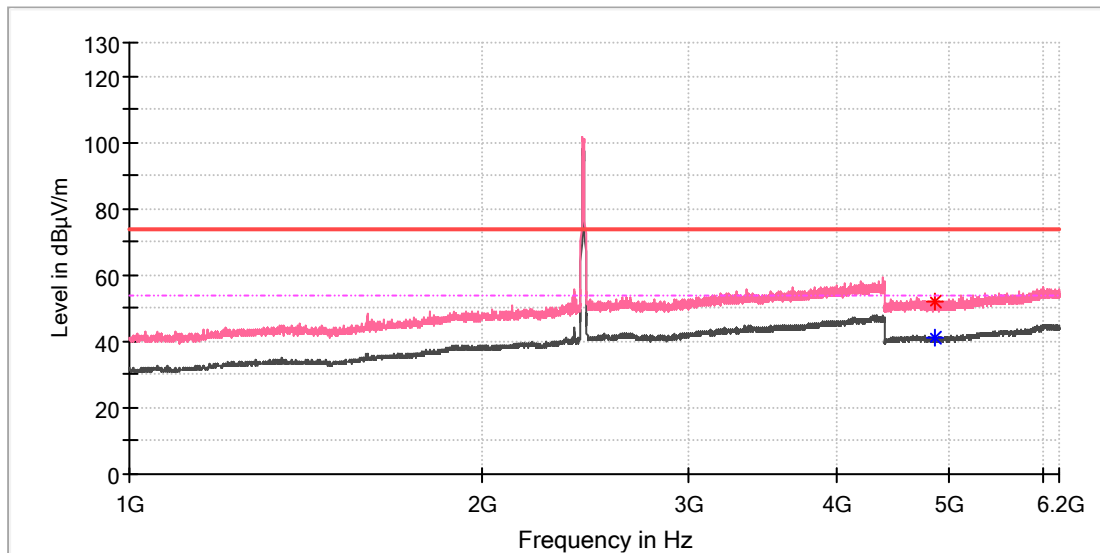
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4859.500000	---	41.01	54.00	12.99	150.0	H	249.0	13.3
4860.500000	51.76	---	74.00	22.24	150.0	H	1.0	13.3

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: DT3HR1601
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

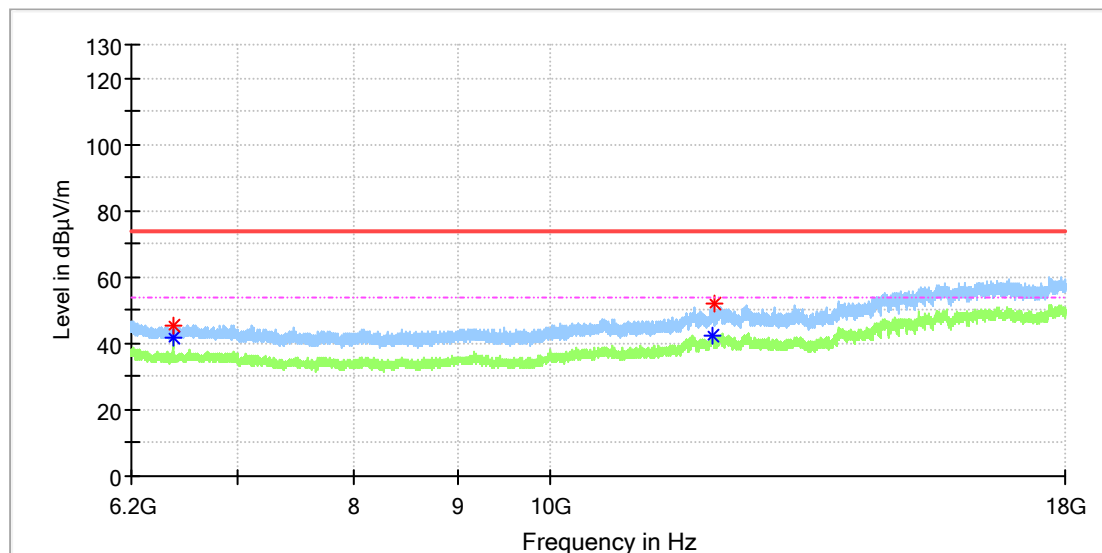
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4850.000000	51.84	---	74.00	22.16	150.0	V	238.0	13.3
4855.500000	---	40.92	54.00	13.08	150.0	V	98.0	13.3

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: DT3HR1601
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

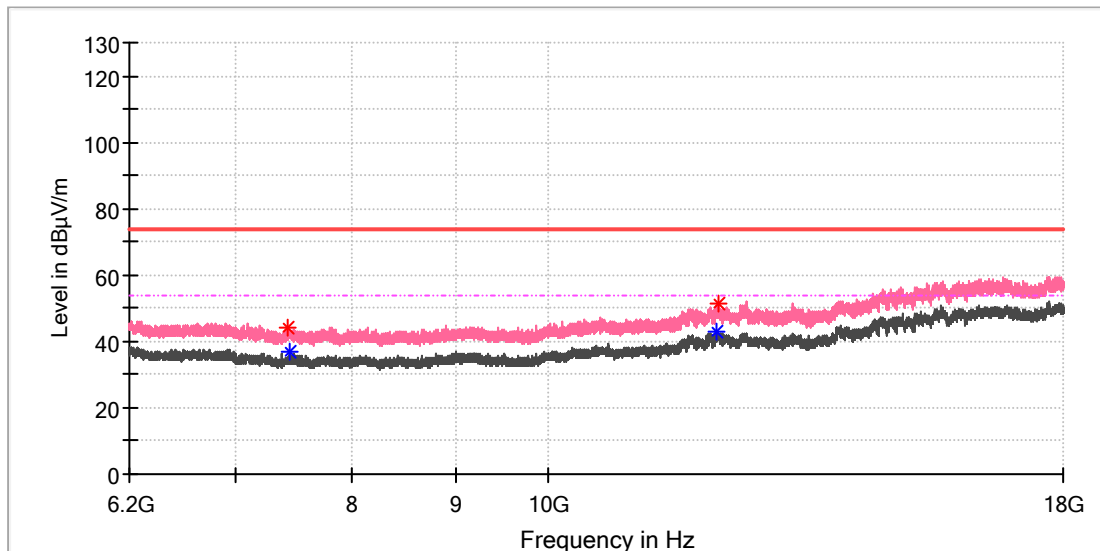
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6498.441667	45.27	---	74.00	28.73	150.0	H	0.0	8.8
6498.441667	---	41.49	54.00	12.51	150.0	H	0.0	8.8
12042.475000	---	42.44	54.00	11.56	150.0	H	305.0	16.2
12049.358333	52.23	---	74.00	21.77	150.0	H	194.0	16.4

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: DT3HR1601
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

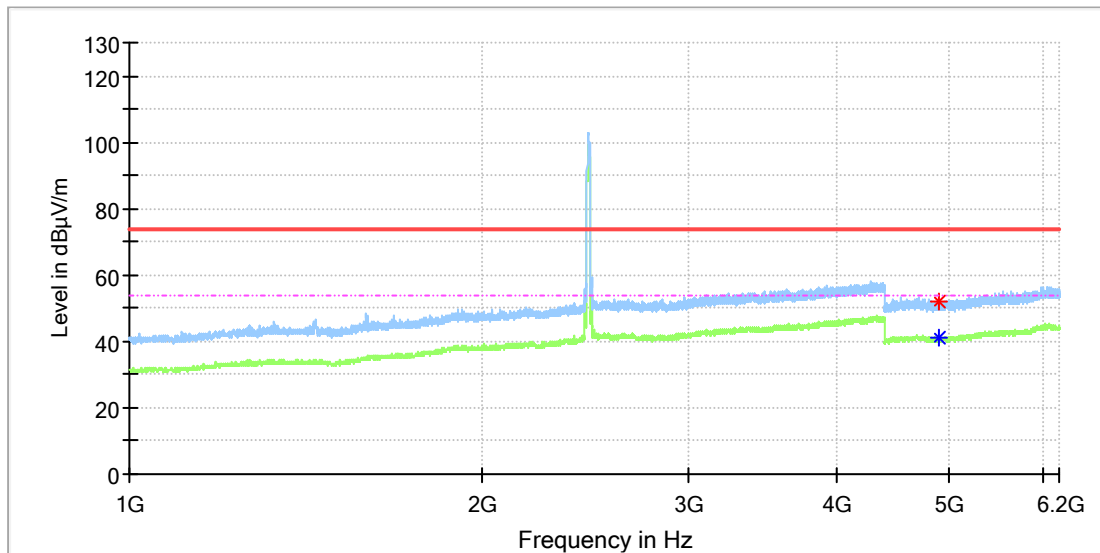
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7420.316667	44.02	---	74.00	29.98	150.0	V	149.0	8.4
7440.475000	---	36.59	54.00	17.41	150.0	V	81.0	8.4
12116.225000	---	42.77	54.00	11.23	150.0	V	115.0	15.9
12151.133333	51.28	---	74.00	22.72	150.0	V	267.0	16.7

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: DT3HR1601
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

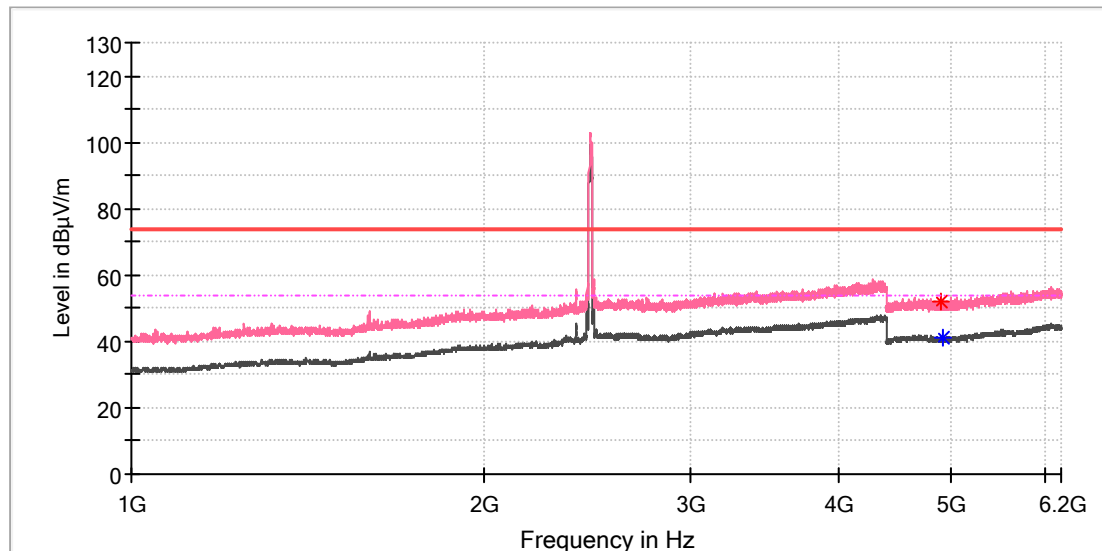
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4904.500000	---	40.95	54.00	13.05	150.0	H	124.0	13.3
4905.500000	52.02	---	74.00	21.98	150.0	H	12.0	13.3

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: DT3HR1601
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

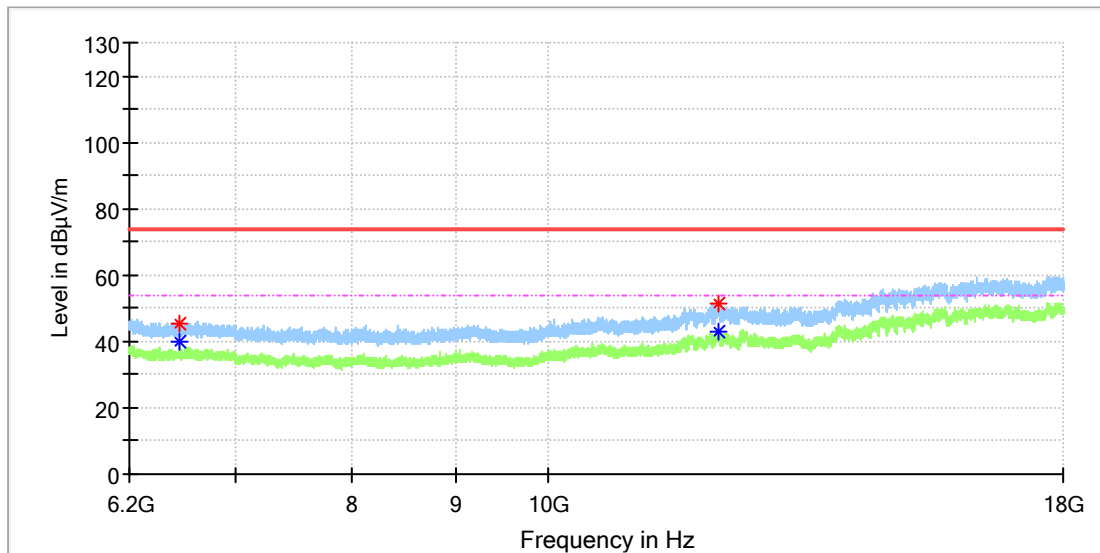
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4898.000000	52.21	---	74.00	21.79	150.0	V	221.0	13.3
4915.500000	---	41.06	54.00	12.94	150.0	V	130.0	13.3

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: DT3HR1601
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

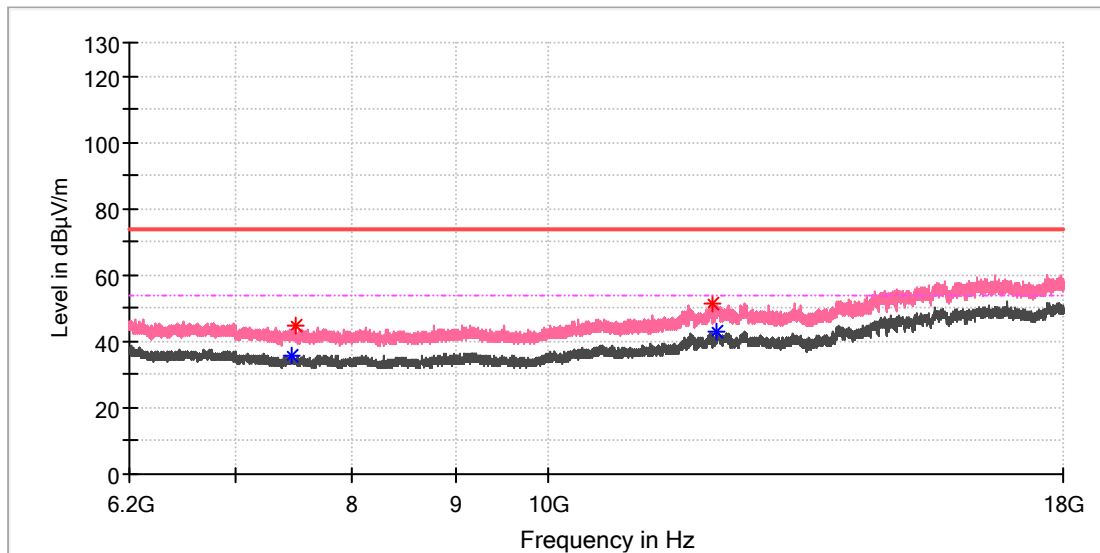
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6565.308333	---	40.20	54.00	13.80	150.0	H	350.0	8.7
6565.800000	45.40	---	74.00	28.60	150.0	H	350.0	8.7
12138.350000	---	42.69	54.00	11.31	150.0	H	340.0	16.4
12154.575000	51.21	---	74.00	22.79	150.0	H	176.0	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: DT3HR1601
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

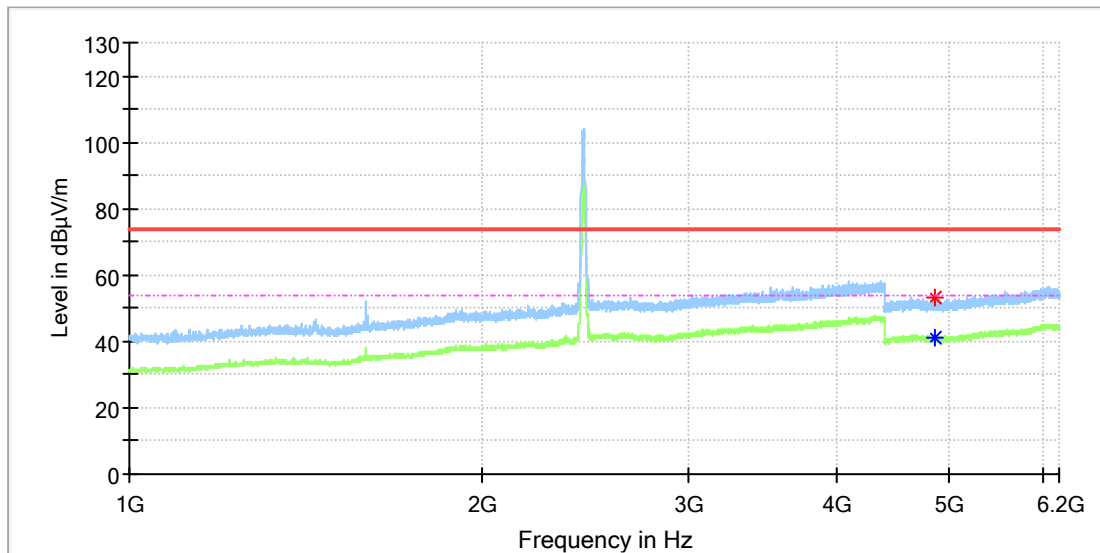
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7460.633333	---	35.47	54.00	18.53	150.0	V	4.0	8.5
7499.966667	44.59	---	74.00	29.41	150.0	V	108.0	8.7
12051.816667	51.18	---	74.00	22.82	150.0	V	108.0	16.2
12131.466667	---	43.02	54.00	10.98	150.0	V	4.0	16.2

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: DT3HR1601
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

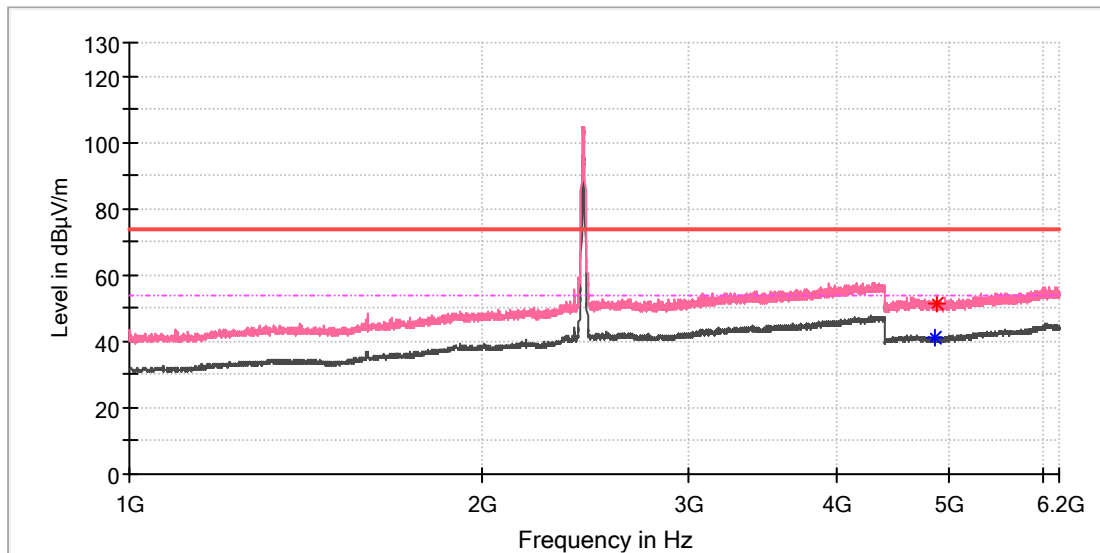
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4857.500000	52.99	---	74.00	21.01	150.0	H	73.0	13.3
4863.000000	---	41.00	54.00	13.00	150.0	H	16.0	13.3

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: DT3HR1601
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

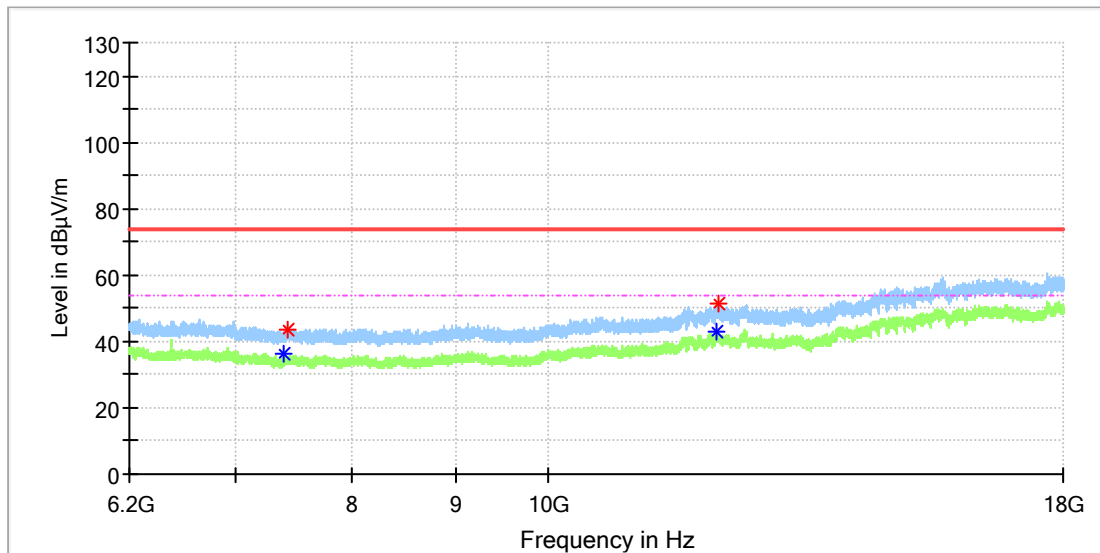
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4864.000000	---	40.97	54.00	13.03	150.0	V	160.0	13.3
4869.500000	51.66	---	74.00	22.34	150.0	V	33.0	13.3

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: DT3HR1601
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

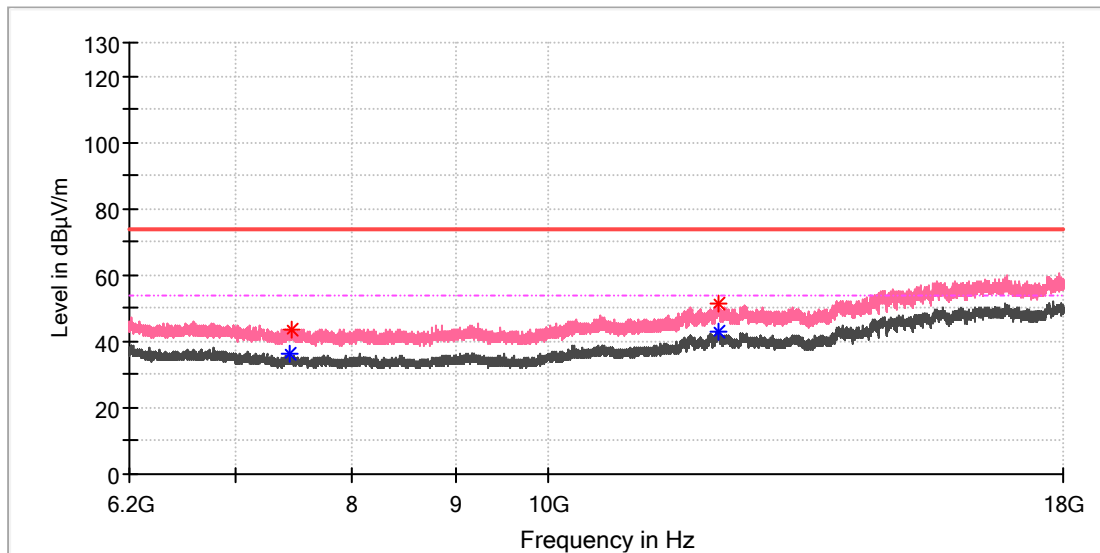
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7400.158333	---	36.20	54.00	17.80	150.0	H	0.0	8.3
7426.708333	43.30	---	74.00	30.70	150.0	H	356.0	8.4
12124.091667	---	42.67	54.00	11.33	150.0	H	195.0	16.1
12149.658333	51.50	---	74.00	22.50	150.0	H	206.0	16.7

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: DT3HR1601
Test Mode: WIFI 2.4G_11g_Ch6
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

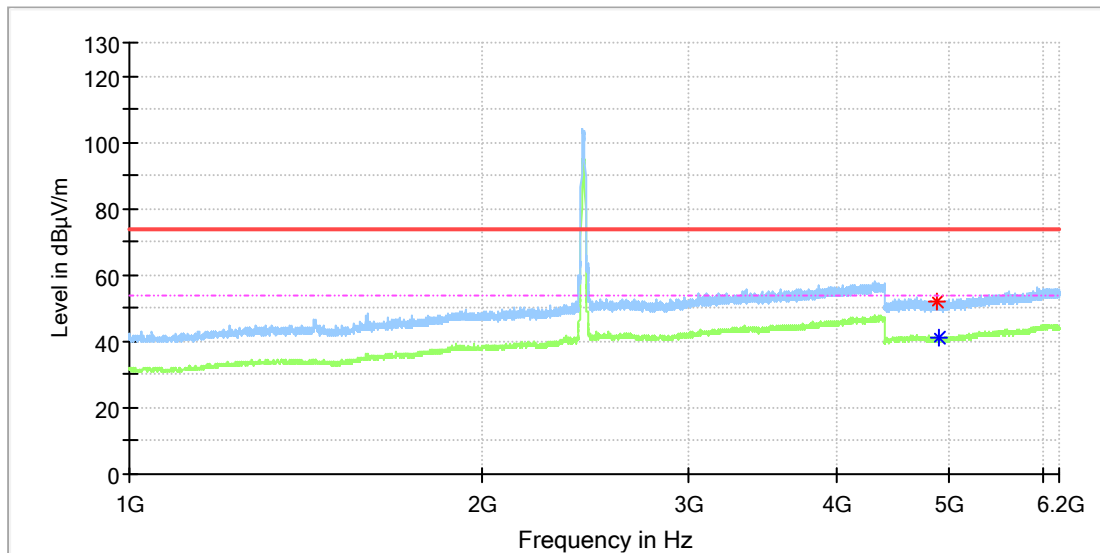
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7449.816667	---	36.58	54.00	17.42	150.0	V	356.0	8.5
7456.700000	43.41	---	74.00	30.59	150.0	V	137.0	8.5
12135.891667	51.68	---	74.00	22.32	150.0	V	5.0	16.4
12149.166667	---	43.14	54.00	10.86	150.0	V	137.0	16.7

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: DT3HR1601
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

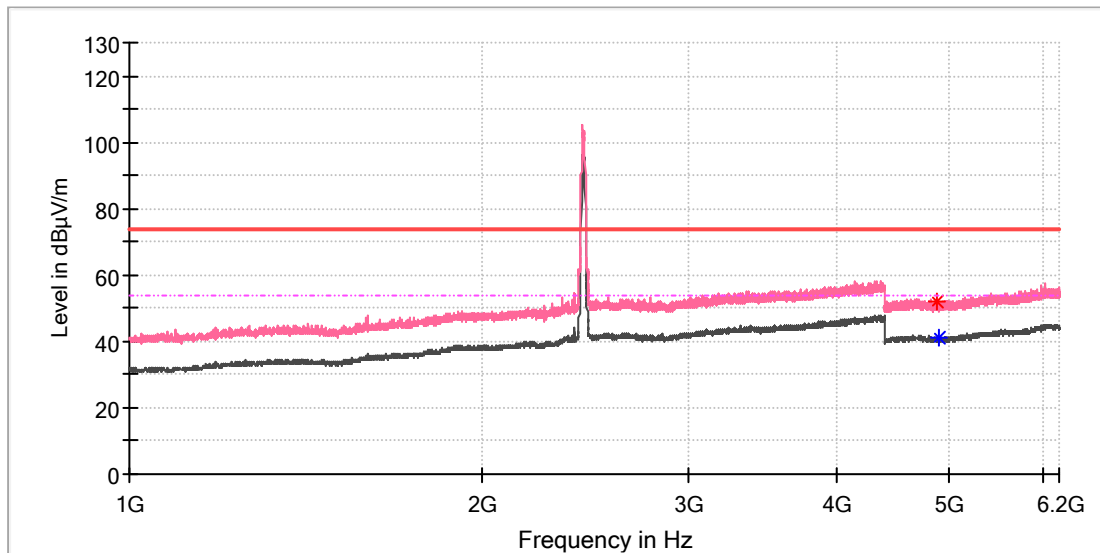
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4884.500000	51.74	---	74.00	22.26	150.0	H	212.0	13.3
4894.500000	---	41.00	54.00	13.00	150.0	H	40.0	13.3

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: DT3HR1601
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

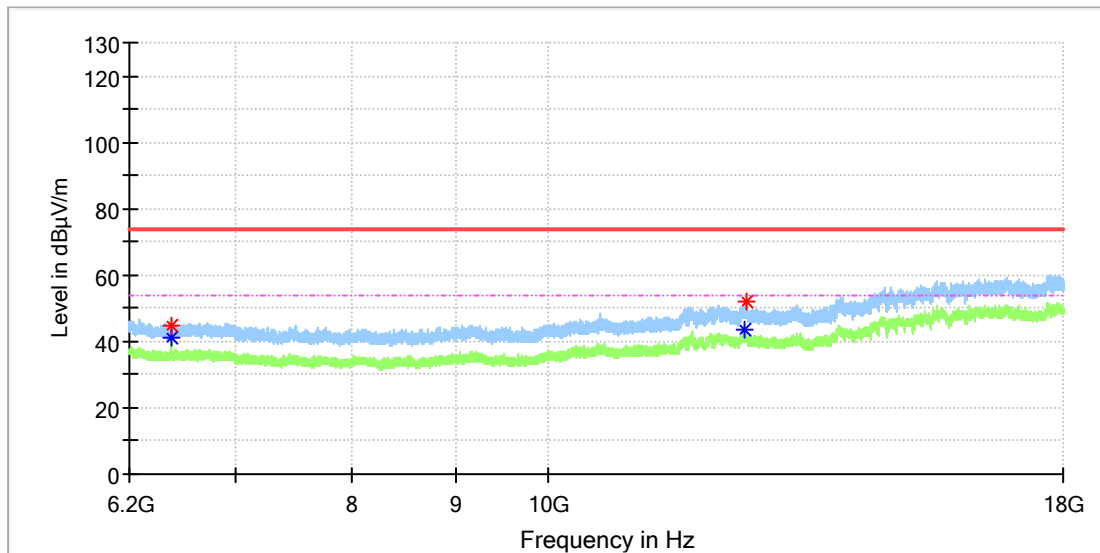
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4883.500000	51.84	---	74.00	22.16	150.0	V	279.0	13.3
4903.500000	---	41.25	54.00	12.75	150.0	V	174.0	13.3

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: DT3HR1601
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

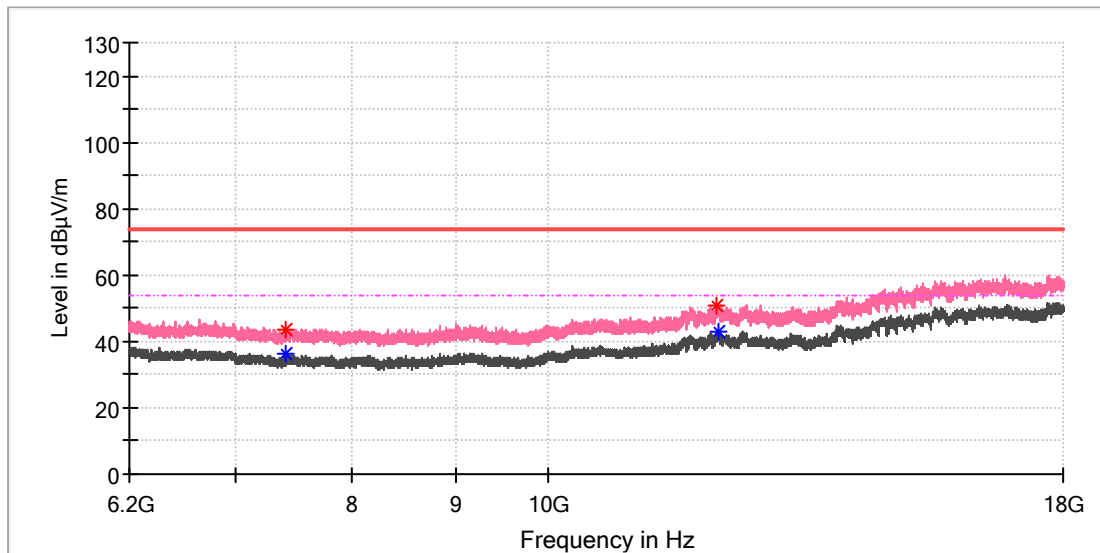
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6498.441667	45.04	---	74.00	28.96	150.0	H	355.0	8.8
6498.441667	---	41.23	54.00	12.77	150.0	H	355.0	8.8
12522.341667	---	43.24	54.00	10.76	150.0	H	0.0	16.2
12529.716667	52.23	---	74.00	21.77	150.0	H	47.0	16.3

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: DT3HR1601
Test Mode: WIFI 2.4G_11n20_Ch6
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

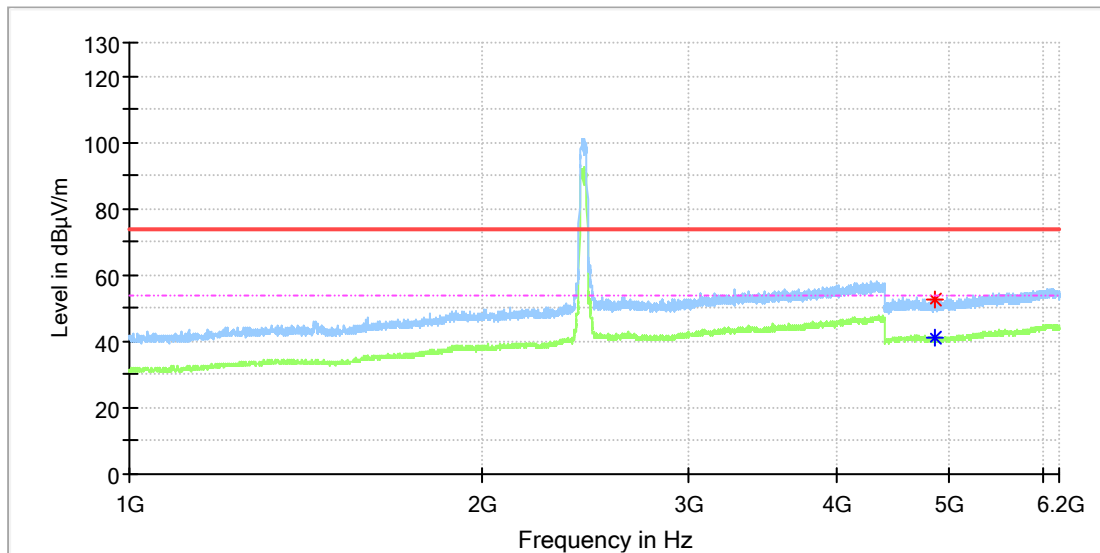
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7416.383333	43.36	---	74.00	30.64	150.0	V	202.0	8.3
7418.841667	---	36.01	54.00	17.99	150.0	V	0.0	8.4
12113.766667	50.75	---	74.00	23.25	150.0	V	303.0	15.8
12139.333333	---	43.19	54.00	10.81	150.0	V	124.0	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: DT3HR1601
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

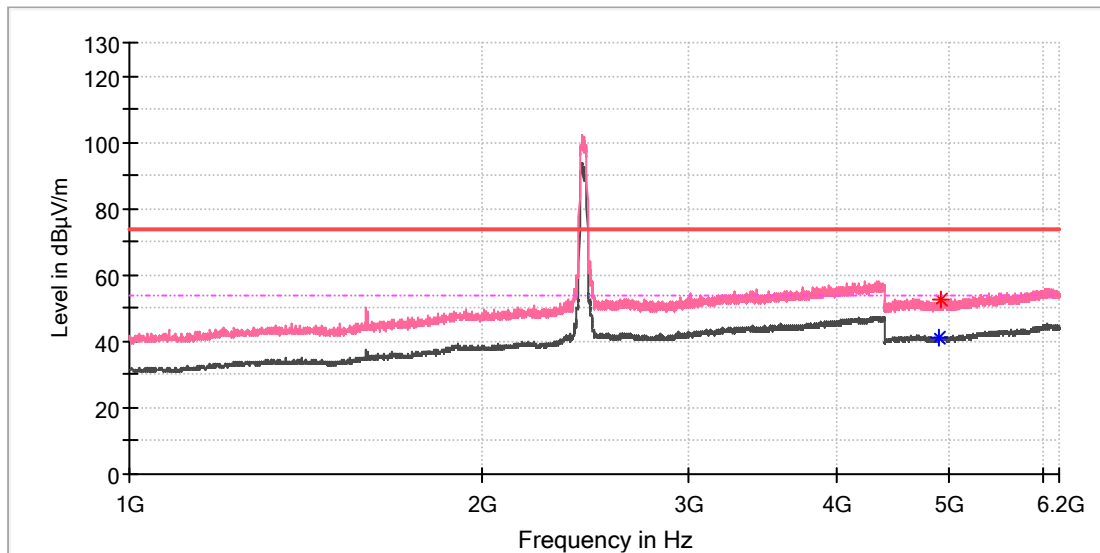
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4852.000000	---	40.83	54.00	13.17	150.0	H	80.0	13.3
4858.500000	52.60	---	74.00	21.40	150.0	H	67.0	13.3

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: DT3HR1601
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

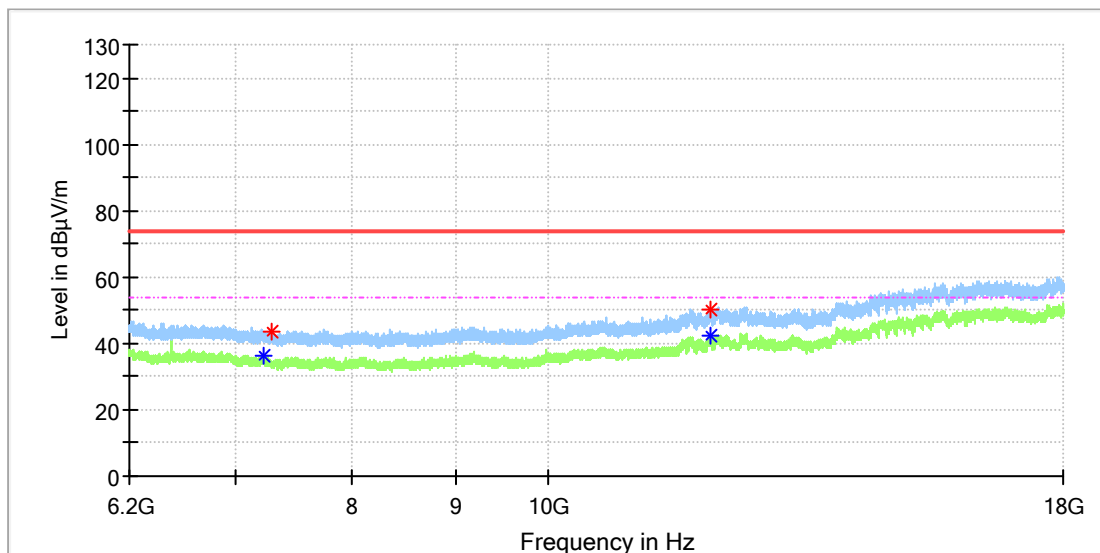
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4894.500000	---	40.97	54.00	13.03	150.0	V	266.0	13.3
4914.500000	52.56	---	74.00	21.44	150.0	V	76.0	13.3

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: DT3HR1601
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

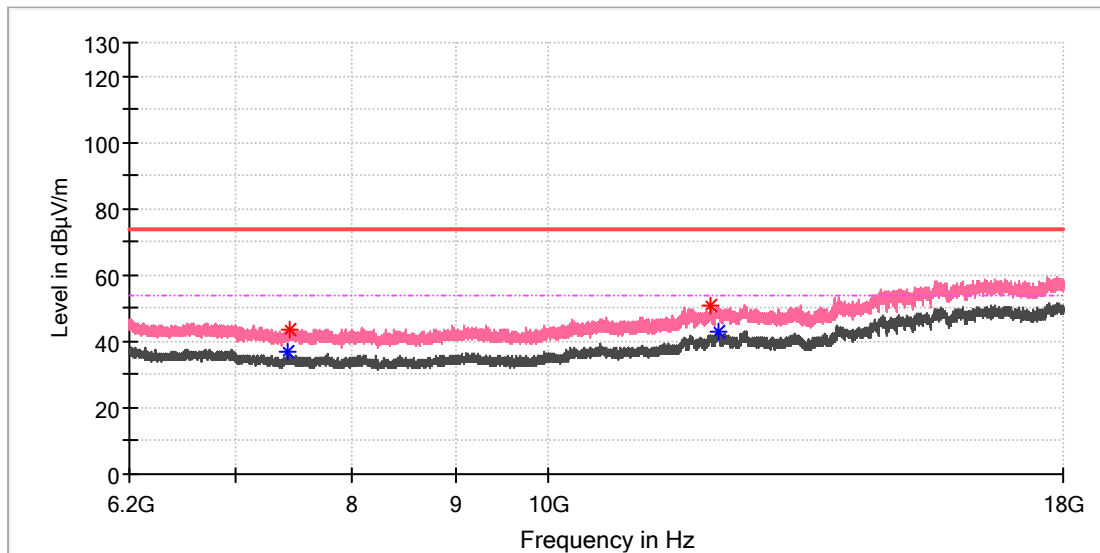
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7234.958333	---	36.45	54.00	17.55	150.0	H	111.0	8.6
7295.925000	43.55	---	74.00	30.45	150.0	H	142.0	8.3
12042.475000	50.21	---	74.00	23.79	150.0	H	336.0	16.2
12044.441667	---	42.27	54.00	11.73	150.0	H	99.0	16.3

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: DT3HR1601
Test Mode: WIFI 2.4G_11n40_Ch6
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
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)
7430.641667	---	36.61	54.00	17.39	150.0	V	96.0	8.4
7451.291667	43.61	---	74.00	30.39	150.0	V	128.0	8.5
12042.966667	50.82	---	74.00	23.18	150.0	V	162.0	16.2
12146.708333	---	42.85	54.00	11.15	150.0	V	338.0	16.6

Final Result

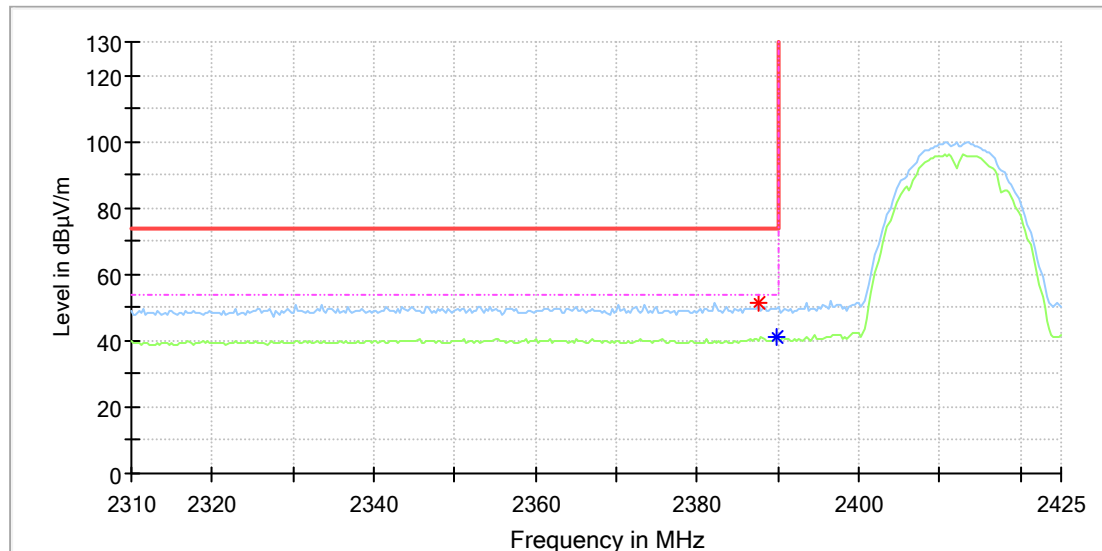
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

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

Wi-Fi 802.11 b mode

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3HR1601
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168518486/A003886577-011
Test Voltage:	DC 3.3V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

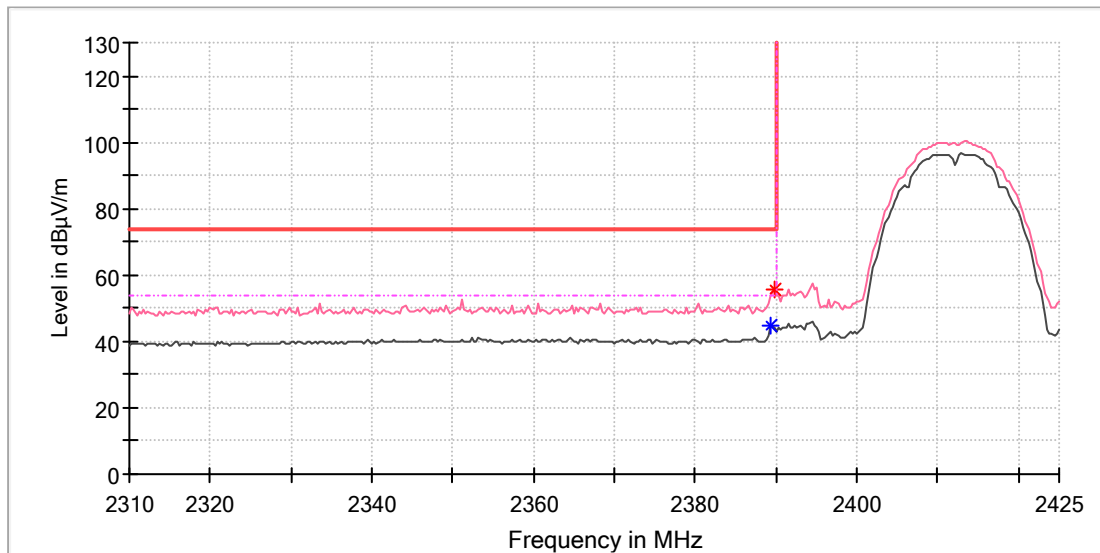
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.647059	51.28	---	74.00	22.72	150.0	H	151.0	8.5
2389.705882	---	41.24	54.00	12.76	150.0	H	165.0	8.5

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: DT3HR1601
Test Mode: WIFI 2.4G_11b_Ch1
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

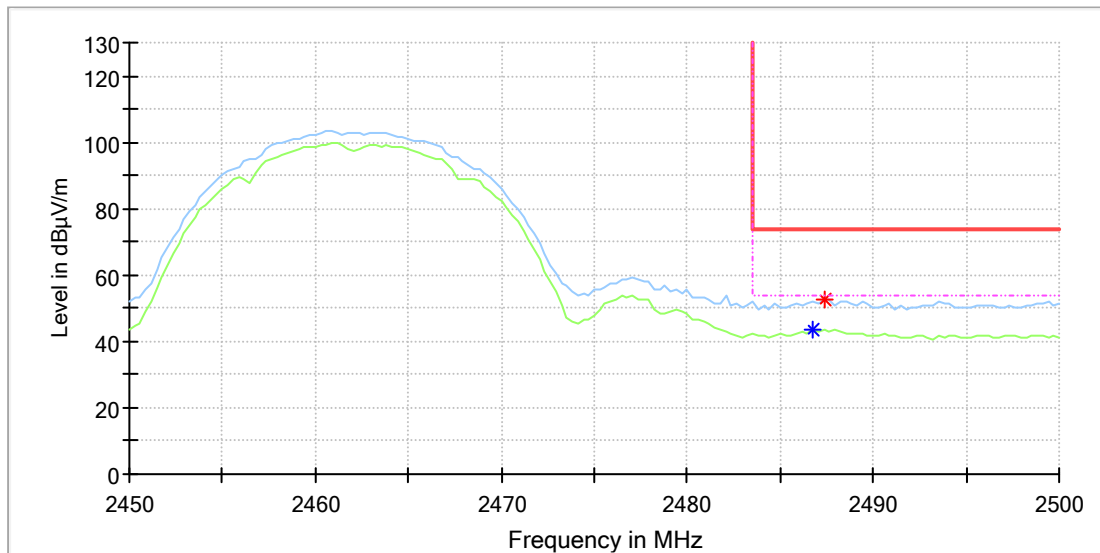
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.411765	---	44.72	54.00	9.28	150.0	V	264.0	8.5
2389.705882	55.40	---	74.00	18.60	150.0	V	264.0	8.5

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: DT3HR1601
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

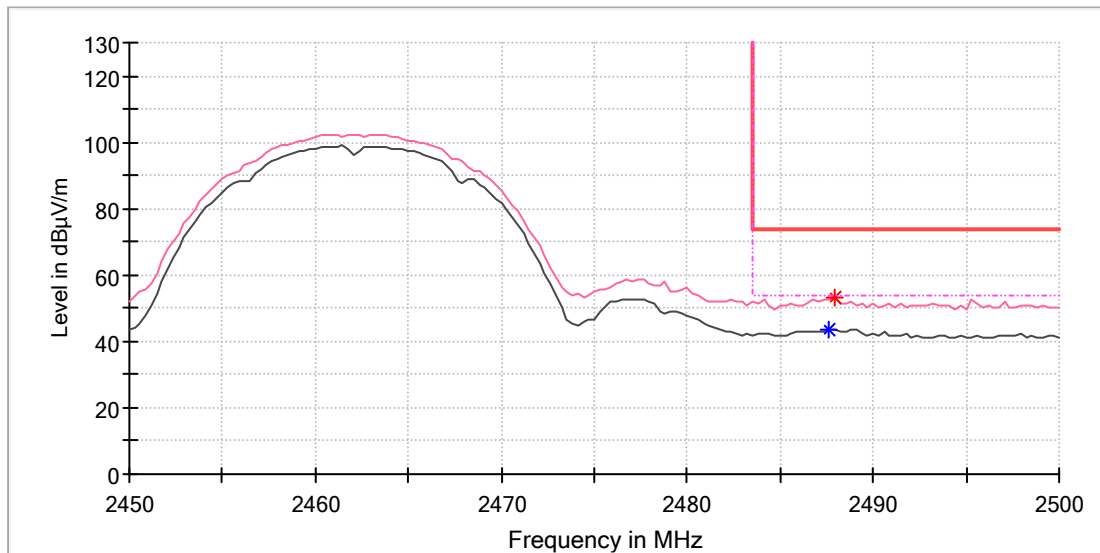
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2486.764706	---	43.54	54.00	10.46	150.0	H	103.0	9.0
2487.352941	52.73	---	74.00	21.27	150.0	H	54.0	9.0

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: DT3HR1601
Test Mode: WIFI 2.4G_11b_Ch11
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2487.647059	---	43.82	54.00	10.18	150.0	V	27.0	9.0
2487.941177	52.95	---	74.00	21.05	150.0	V	2.0	9.0

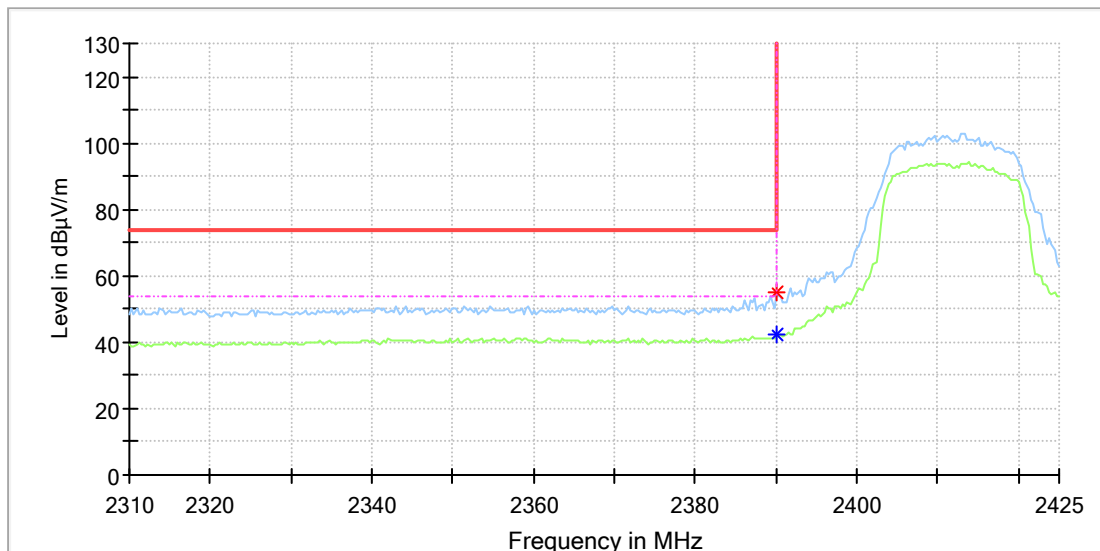
Final Result

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

Wi-Fi 802.11 g mode

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3HR1601
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168518486/A003886577-011
Test Voltage:	DC 3.3V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

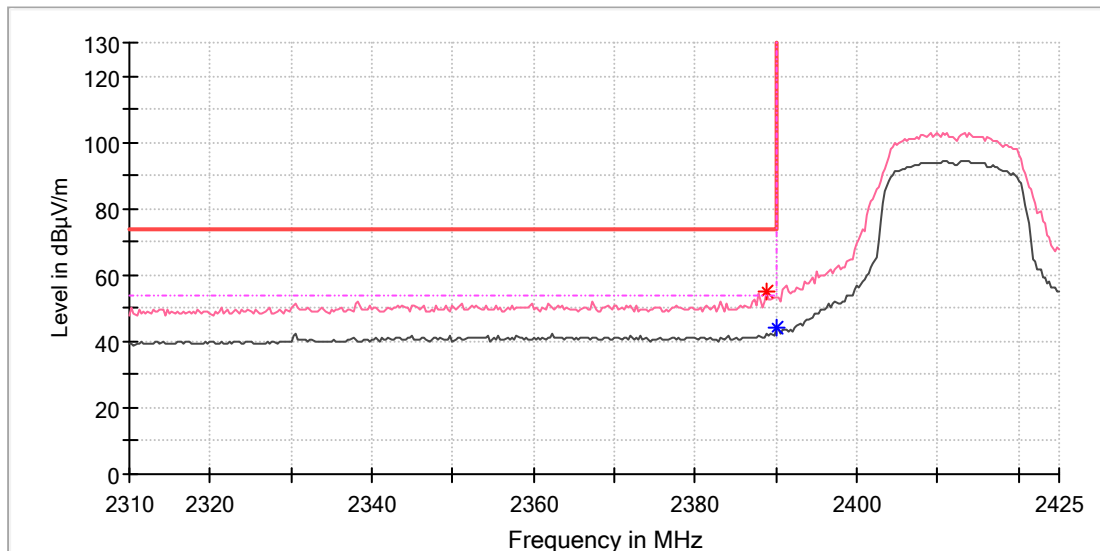
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2390.000000	54.87	---	74.00	19.13	150.0	H	333.0	8.5
2390.000000	---	42.47	54.00	11.53	150.0	H	333.0	8.5

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: DT3HR1601
Test Mode: WIFI 2.4G_11g_Ch1
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

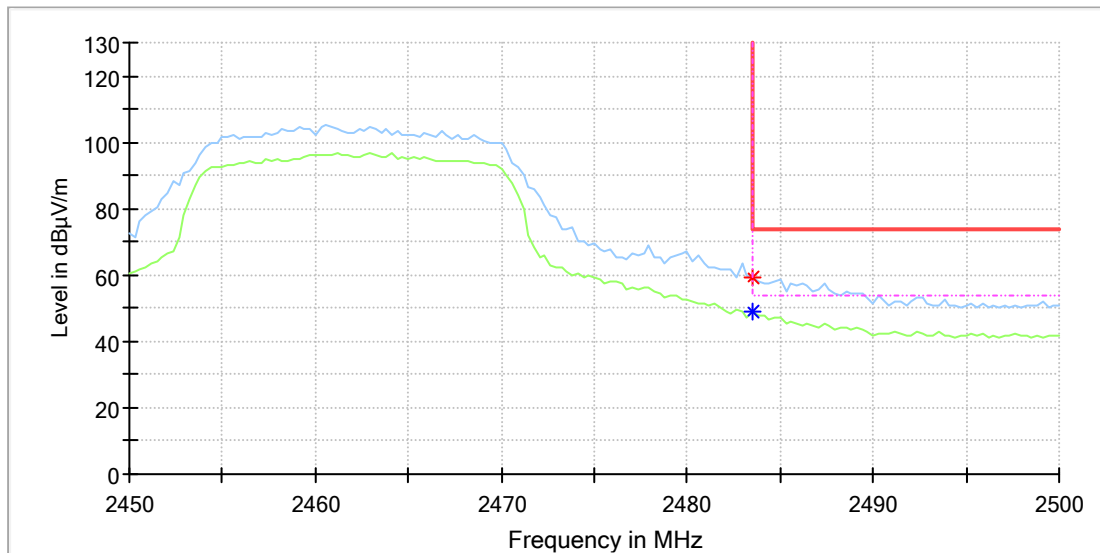
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.823529	55.29	---	74.00	18.71	150.0	V	32.0	8.5
2390.000000	---	43.89	54.00	10.11	150.0	V	240.0	8.5

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: DT3HR1601
Test Mode: WIFI 2.4G_11g_Ch11
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

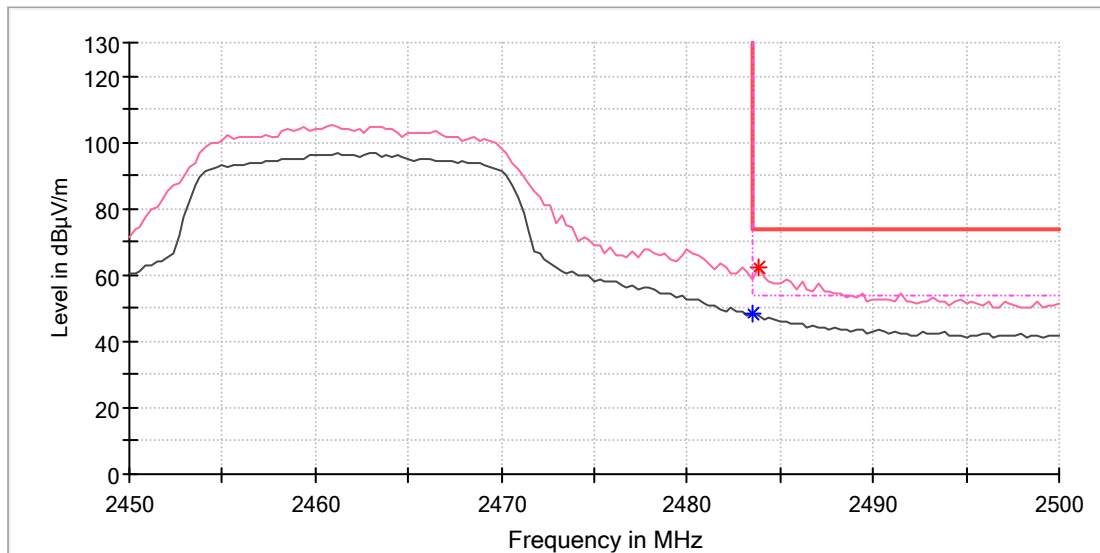
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	59.12	---	74.00	14.88	150.0	H	50.0	9.0
2483.529412	---	48.75	54.00	5.26	150.0	H	50.0	9.0

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:	DT3HR1601
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	168518486/A003886577-011
Test Voltage:	DC 3.3V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	---	48.39	54.00	5.61	150.0	V	0.0	9.0
2483.823529	62.04	---	74.00	11.96	150.0	V	0.0	9.0

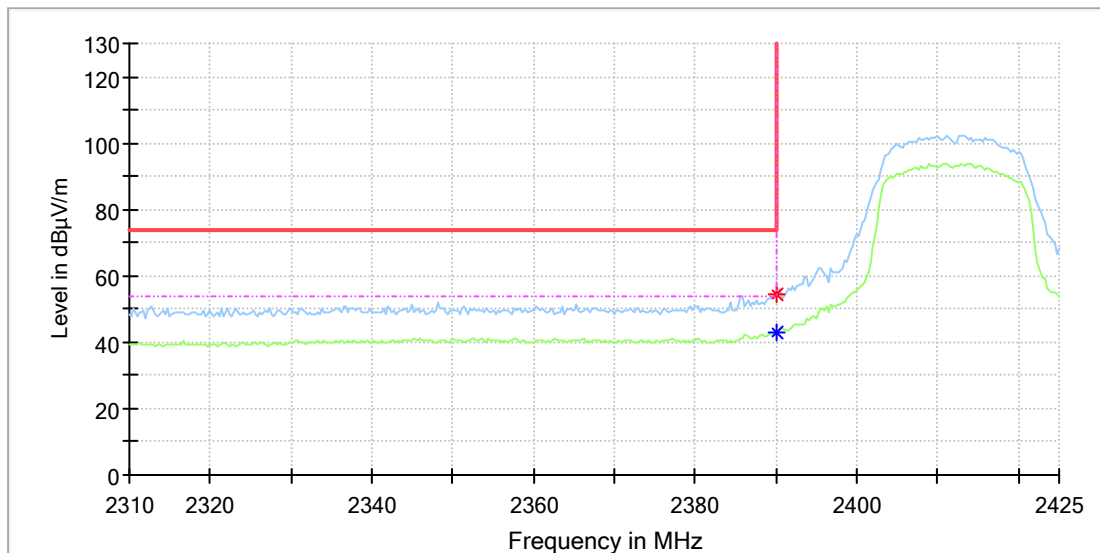
Final Result

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:	DT3HR1601
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168518486/A003886577-011
Test Voltage:	DC 3.3V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

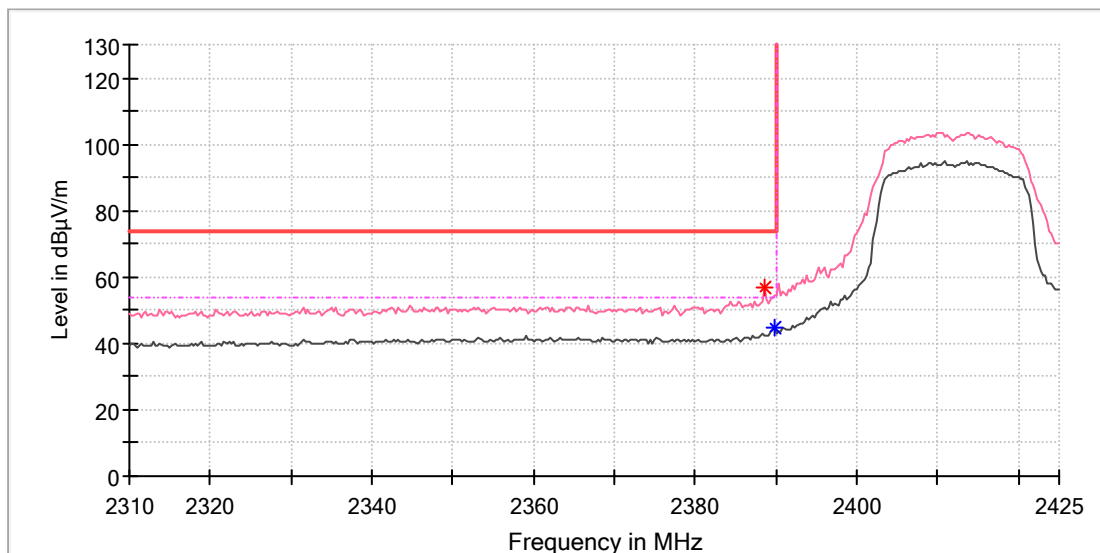
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2390.000000	---	42.98	54.00	11.02	150.0	H	52.0	8.5
2390.000000	54.20	---	74.00	19.80	150.0	H	52.0	8.5

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: DT3HR1601
Test Mode: WIFI 2.4G_11n20_Ch1
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

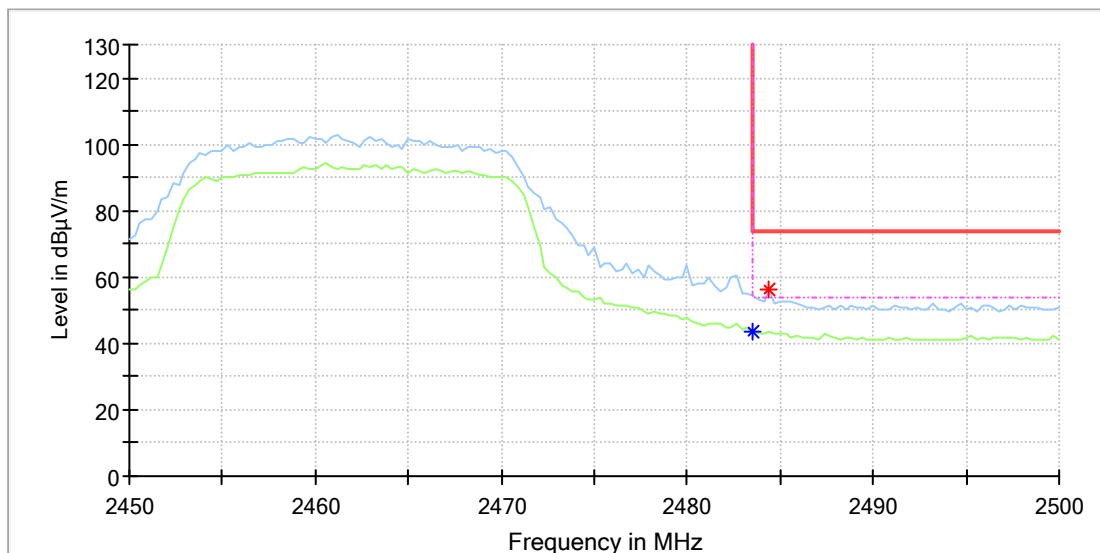
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.529412	56.85	---	74.00	17.15	150.0	V	30.0	8.5
2389.705882	---	44.56	54.00	9.44	150.0	V	267.0	8.5

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: DT3HR1601
Test Mode: WIFI 2.4G_11n20_Ch11
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

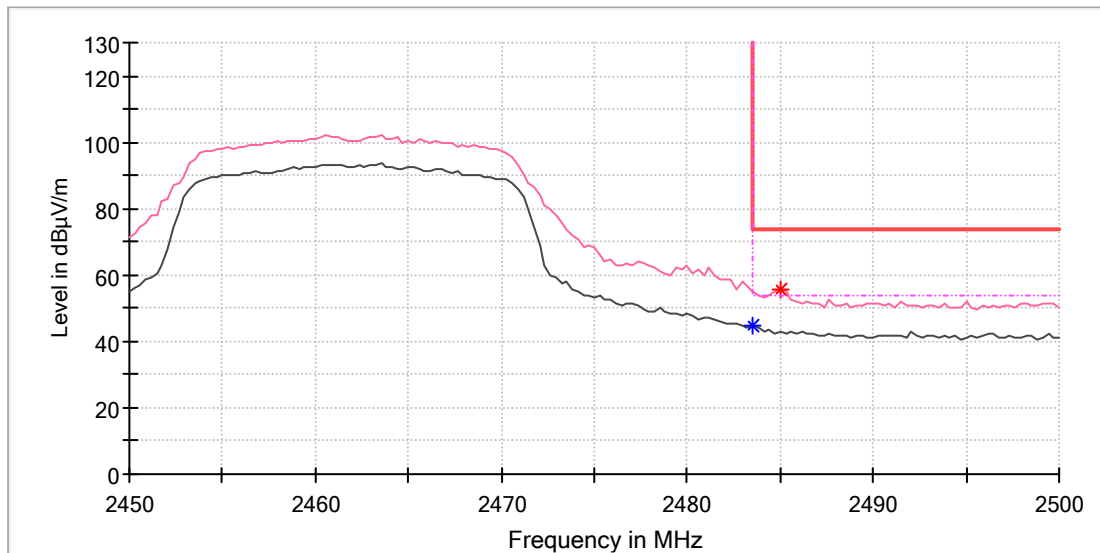
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	---	43.71	54.00	10.29	150.0	H	156.0	9.0
2484.411765	56.12	---	74.00	17.88	150.0	H	48.0	9.0

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: DT3HR1601
Test Mode: WIFI 2.4G_11n20_Ch11
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	---	44.57	54.00	9.43	150.0	V	343.0	9.0
2485.000000	55.60	---	74.00	18.40	150.0	V	0.0	9.0

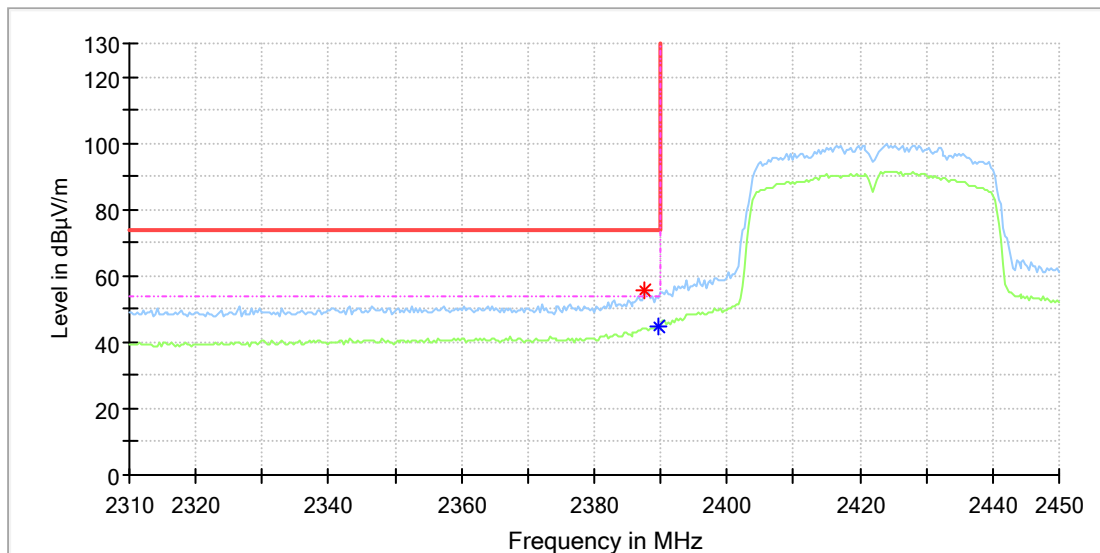
Final Result

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 n(HT40) mode

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3HR1601
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	168518486/A003886577-011
Test Voltage:	DC 3.3V
Remark:	Temp 23 Humi:58%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

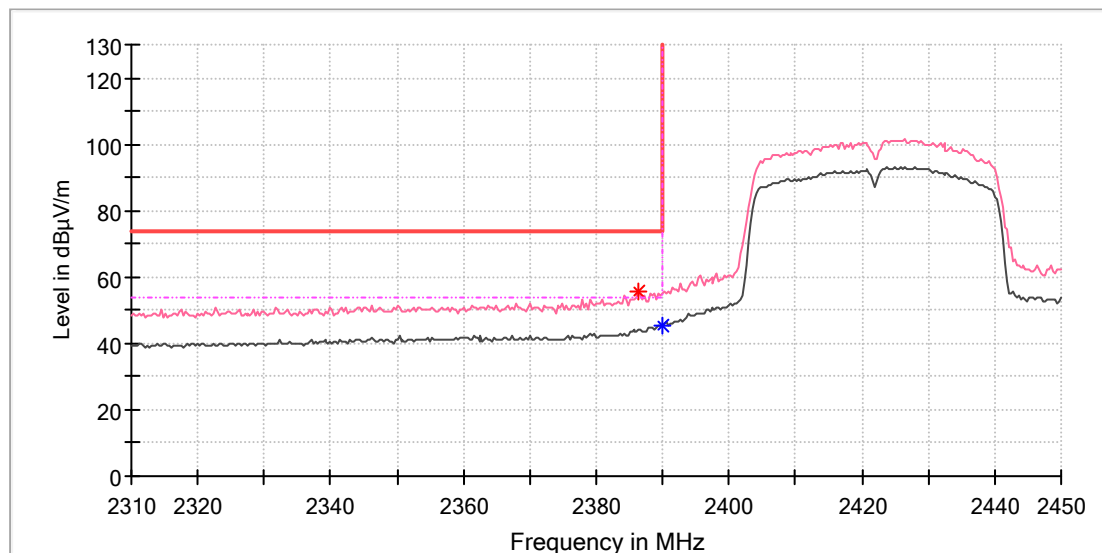
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.647059	55.33	---	74.00	18.67	150.0	H	153.0	8.5
2389.705882	---	45.05	54.00	8.95	150.0	H	167.0	8.5

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: DT3HR1601
Test Mode: WIFI 2.4G_11n40_Ch3
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

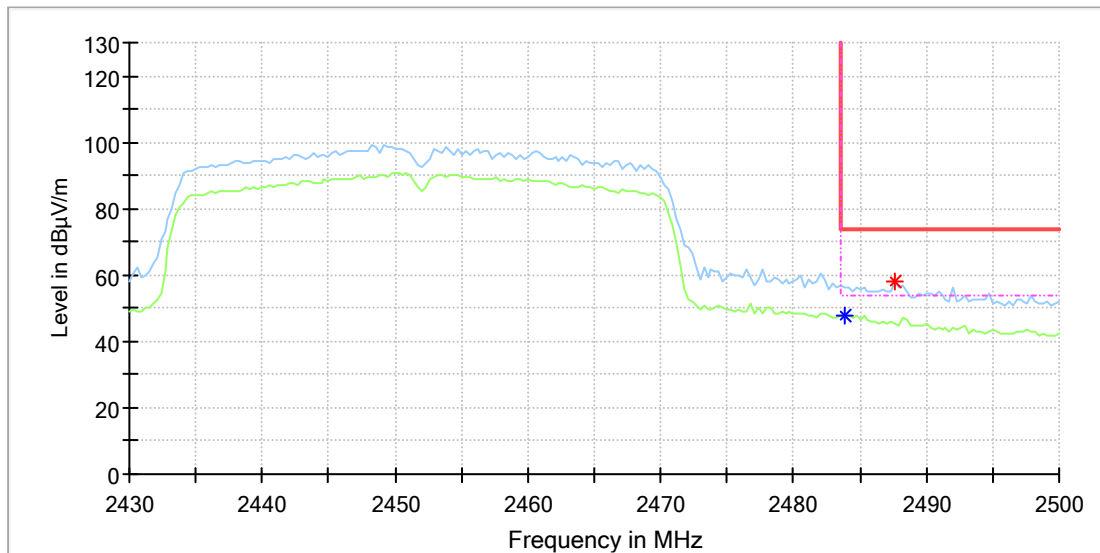
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.470588	55.85	---	74.00	18.15	150.0	V	0.0	8.5
2390.000000	---	45.46	54.00	8.54	150.0	V	356.0	8.5

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: DT3HR1601
Test Mode: WIFI 2.4G_11n40_Ch9
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

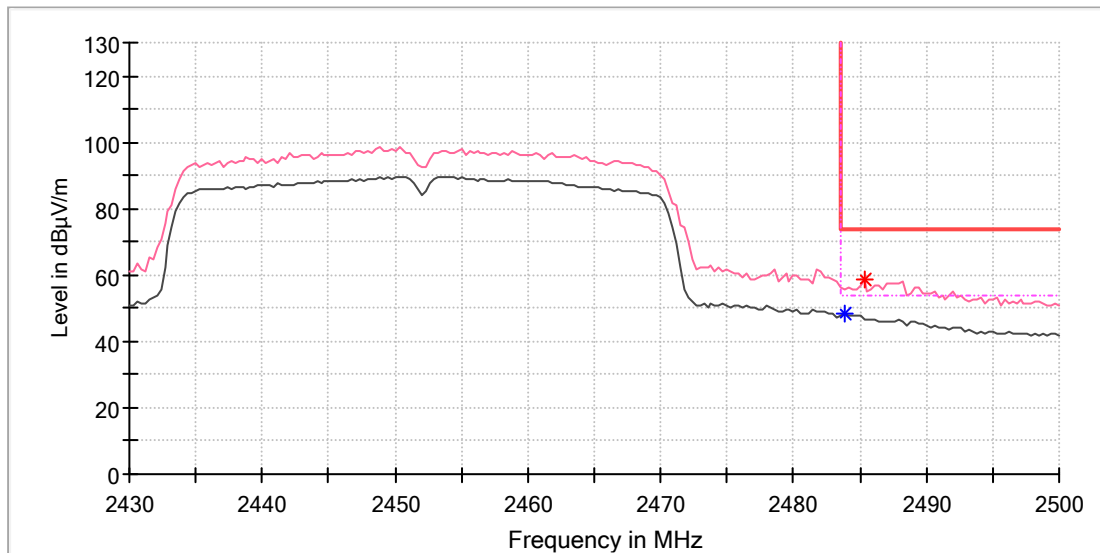
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	---	48.03	54.00	5.97	150.0	H	41.0	9.0
2487.647059	57.79	---	74.00	16.21	150.0	H	104.0	9.0

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: DT3HR1601
Test Mode: WIFI 2.4G_11n40_Ch9
Order No/Sample No: 168518486/A003886577-011
Test Voltage: DC 3.3V
Remark: Temp 23 Humi:58%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	---	48.25	54.00	5.75	150.0	V	0.0	9.0
2485.294118	58.72	---	74.00	15.28	150.0	V	3.0	9.0

Final Result

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