

Appendix A: Test Results of 2.4GHz Wi-Fi

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Appendix A.1: Test Results of 6dB Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.120	2406.960	2417.080	0.5	PASS
		2437	10.080	2431.960	2442.040	0.5	PASS
		2462	10.080	2456.960	2467.040	0.5	PASS
11G	Ant1	2412	15.760	2404.160	2419.920	0.5	PASS
		2437	15.440	2429.440	2444.880	0.5	PASS
		2462	15.800	2454.080	2469.880	0.5	PASS
11N20SISO	Ant1	2412	16.760	2403.640	2420.400	0.5	PASS
		2437	17.040	2428.560	2445.600	0.5	PASS
		2462	16.080	2454.040	2470.120	0.5	PASS
11N40SISO	Ant1	2422	32.880	2405.840	2438.720	0.5	PASS
		2437	33.120	2420.680	2453.800	0.5	PASS
		2452	32.960	2435.520	2468.480	0.5	PASS

Test Graphs

11B Ant1 2412



11B Ant1 2437



11B Ant1 2462





11N20SISO Ant1 2412



11N20SISO Ant1 2437



11N20SISO Ant1 2462



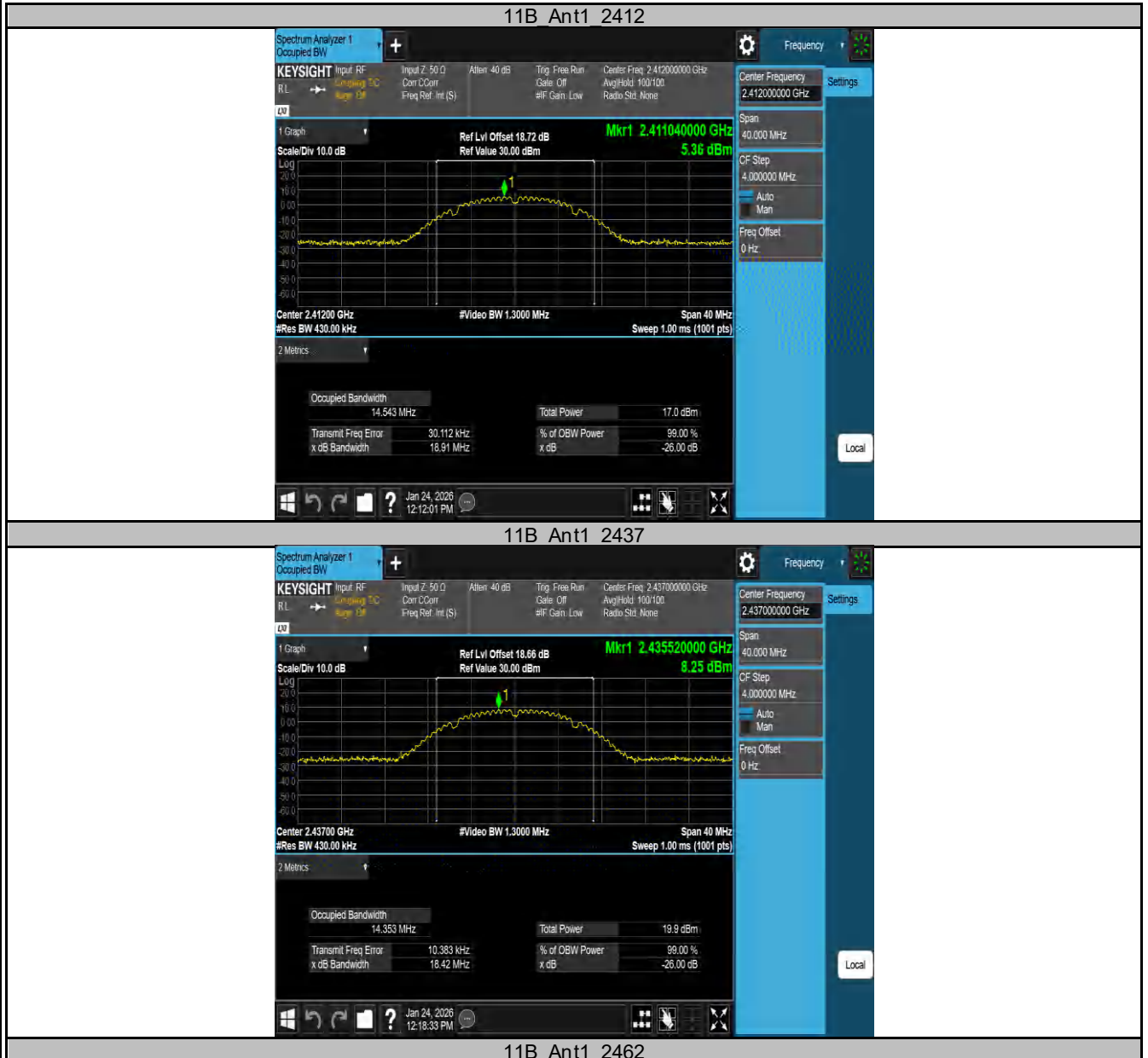


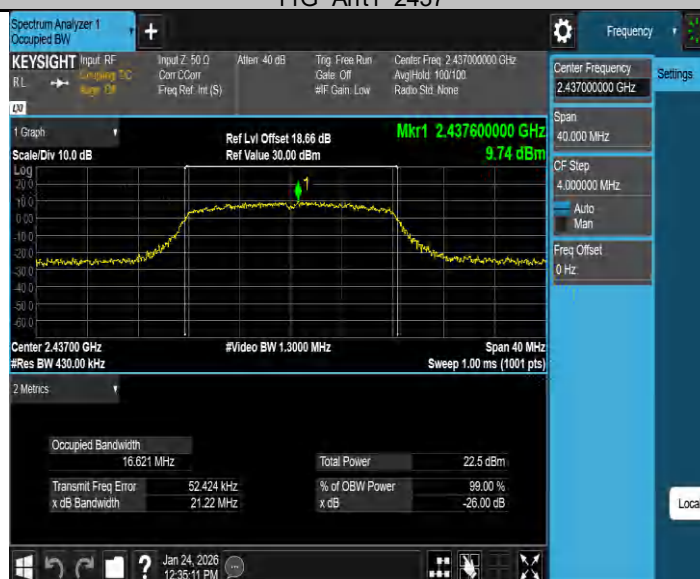
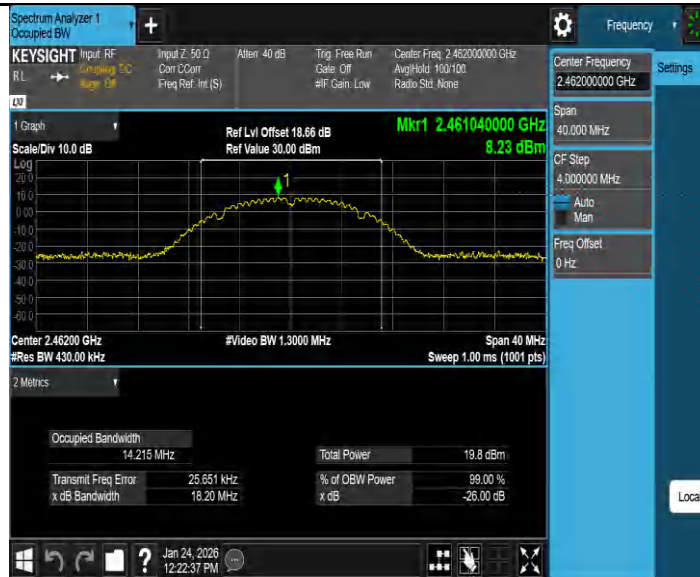
Appendix A.2: Test Results of 99% Bandwidth

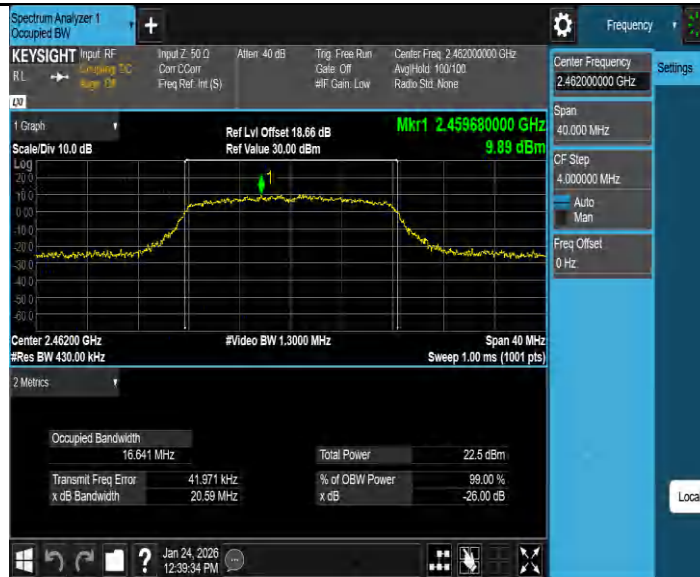
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.543	2404.7586	2419.3016	---	PASS
		2437	14.353	2429.8339	2444.1869	---	PASS
		2462	14.215	2454.9182	2469.1332	---	PASS
11G	Ant1	2412	16.564	2403.7588	2420.3228	---	PASS
		2437	16.621	2428.7419	2445.3629	---	PASS
		2462	16.641	2453.7215	2470.3625	---	PASS
11N20SISO	Ant1	2412	17.718	2403.1242	2420.8422	---	PASS
		2437	17.664	2428.1621	2445.8261	---	PASS
		2462	17.639	2453.1938	2470.8328	---	PASS
11N40SISO	Ant1	2422	35.523	2404.3192	2439.8422	---	PASS
		2437	35.530	2419.2945	2454.8245	---	PASS
		2452	35.606	2434.2354	2469.8414	---	PASS

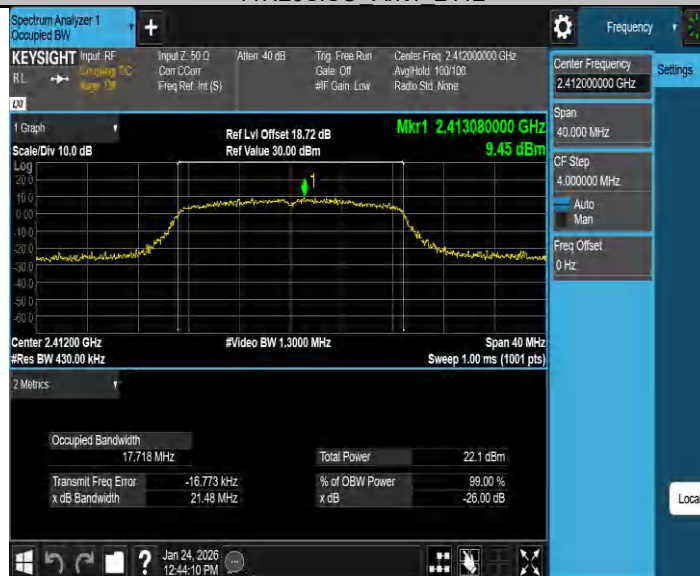
Test Graphs







11N20SISO Ant1 2412



11N20SISO Ant1 2437



11N20SISO Ant1 2462





Appendix A.3: Test Results of Conducted Power Spectral Density

Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-3.82	≤8.00	PASS
		2437	-4.18	≤8.00	PASS
		2462	-4.06	≤8.00	PASS
11G	Ant1	2412	-8.12	≤8.00	PASS
		2437	-8.13	≤8.00	PASS
		2462	-8.27	≤8.00	PASS
11N20SISO	Ant1	2412	-7.07	≤8.00	PASS
		2437	-7.55	≤8.00	PASS
		2462	-7.92	≤8.00	PASS
11N40SISO	Ant1	2422	-10.72	≤8.00	PASS
		2437	-10.88	≤8.00	PASS
		2452	-11.08	≤8.00	PASS

Test Graphs

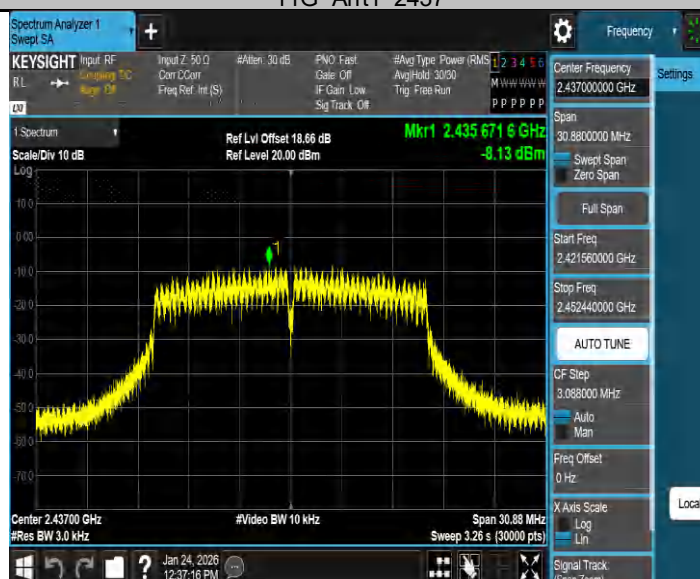
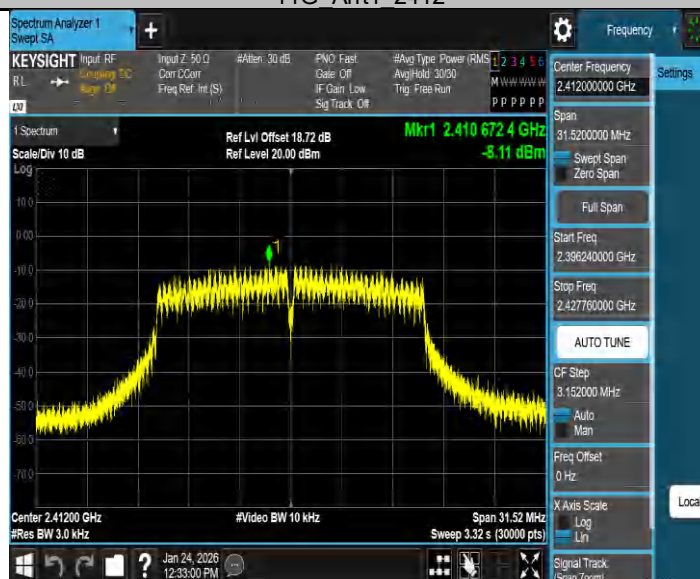
11B Ant1 2412

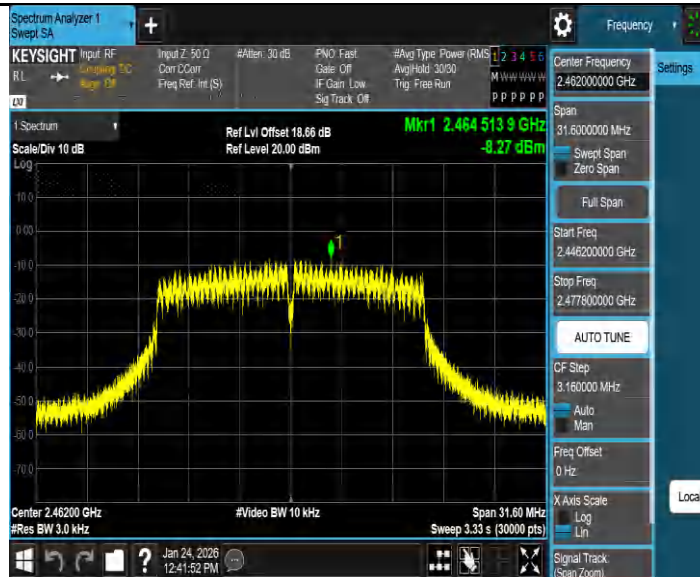


11B Ant1 2437

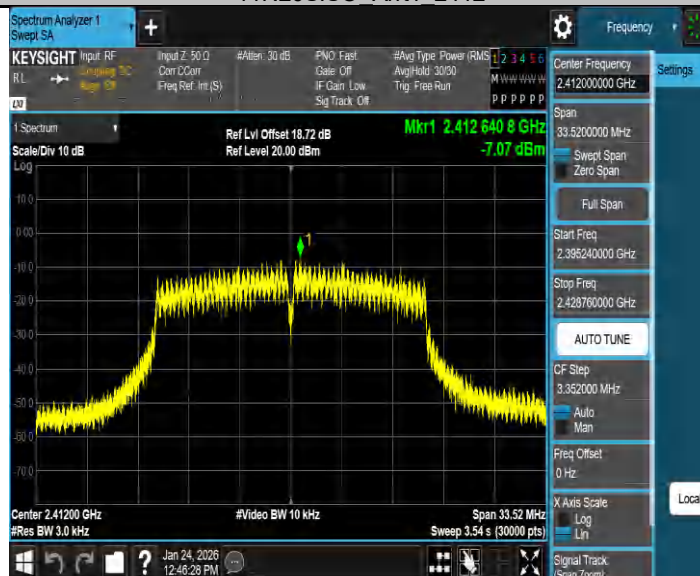


11B Ant1 2462

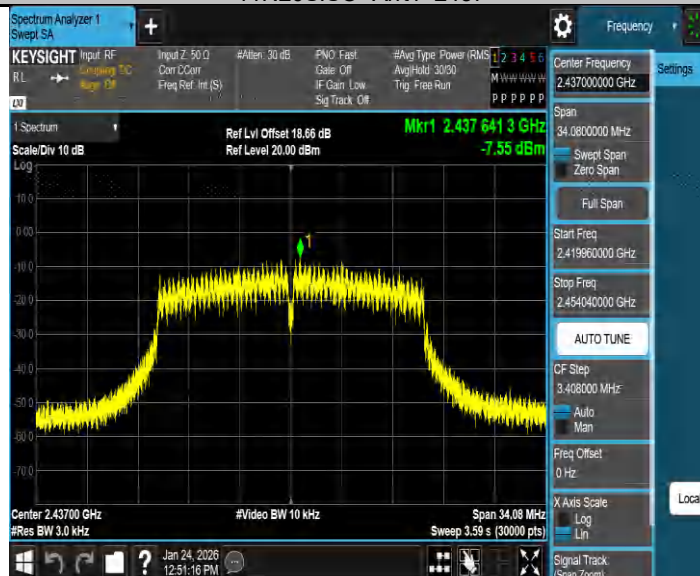




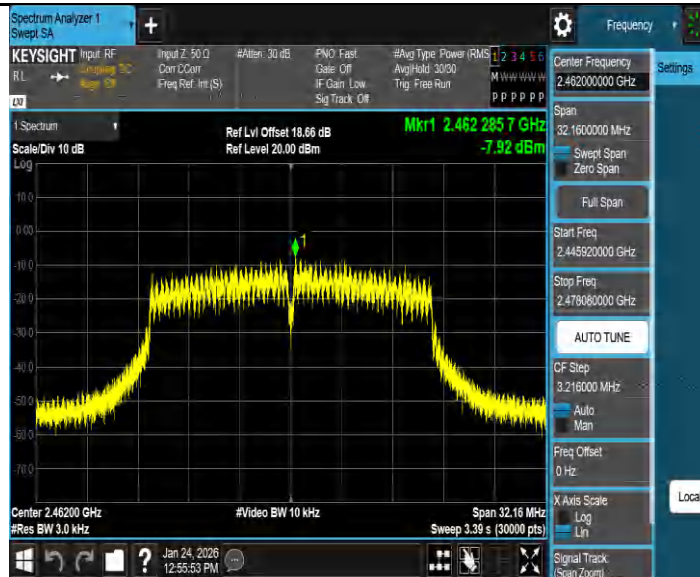
11N20SISO Ant1 2412



11N20SISO Ant1 2437



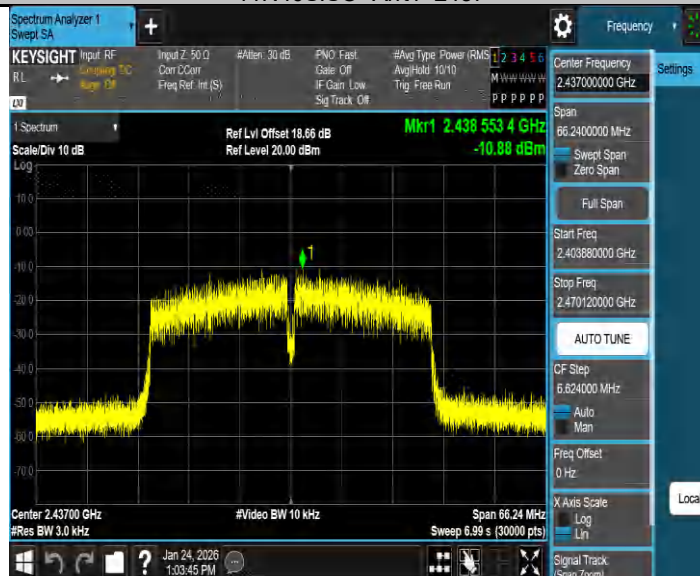
11N20SISO Ant1 2462



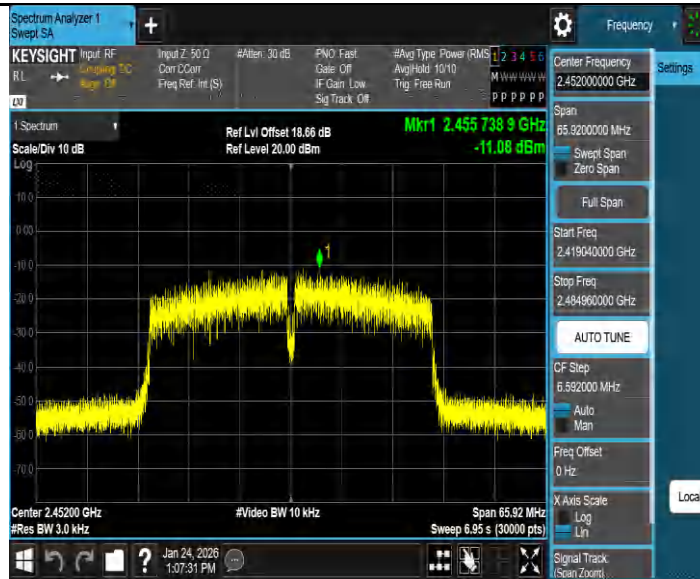
11N40SISO Ant1 2422



11N40SISO Ant1 2437



11N40SISO Ant1 2452



Appendix A.4: Test Results of Band Edge Measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.24	-35.32	≤-11.76	PASS
		High	2462	7.75	-37.79	≤-12.25	PASS
11G	Ant1	Low	2412	6.36	-31.61	≤-13.64	PASS
		High	2462	7.04	-35.59	≤-12.96	PASS
11N20SISO	Ant1	Low	2412	5.94	-30.35	≤-14.06	PASS
		High	2462	6.00	-36.89	≤-14	PASS
11N40SISO	Ant1	Low	2422	4.19	-31.31	≤-15.81	PASS
		High	2452	4.01	-32.32	≤-16	PASS

Test Graphs

11B Ant1 Low 2412



11B Ant1 High 2462



11G Ant1 Low 2412





11N40SISO Ant1 Low 2422



11N40SISO Ant1 High 2452

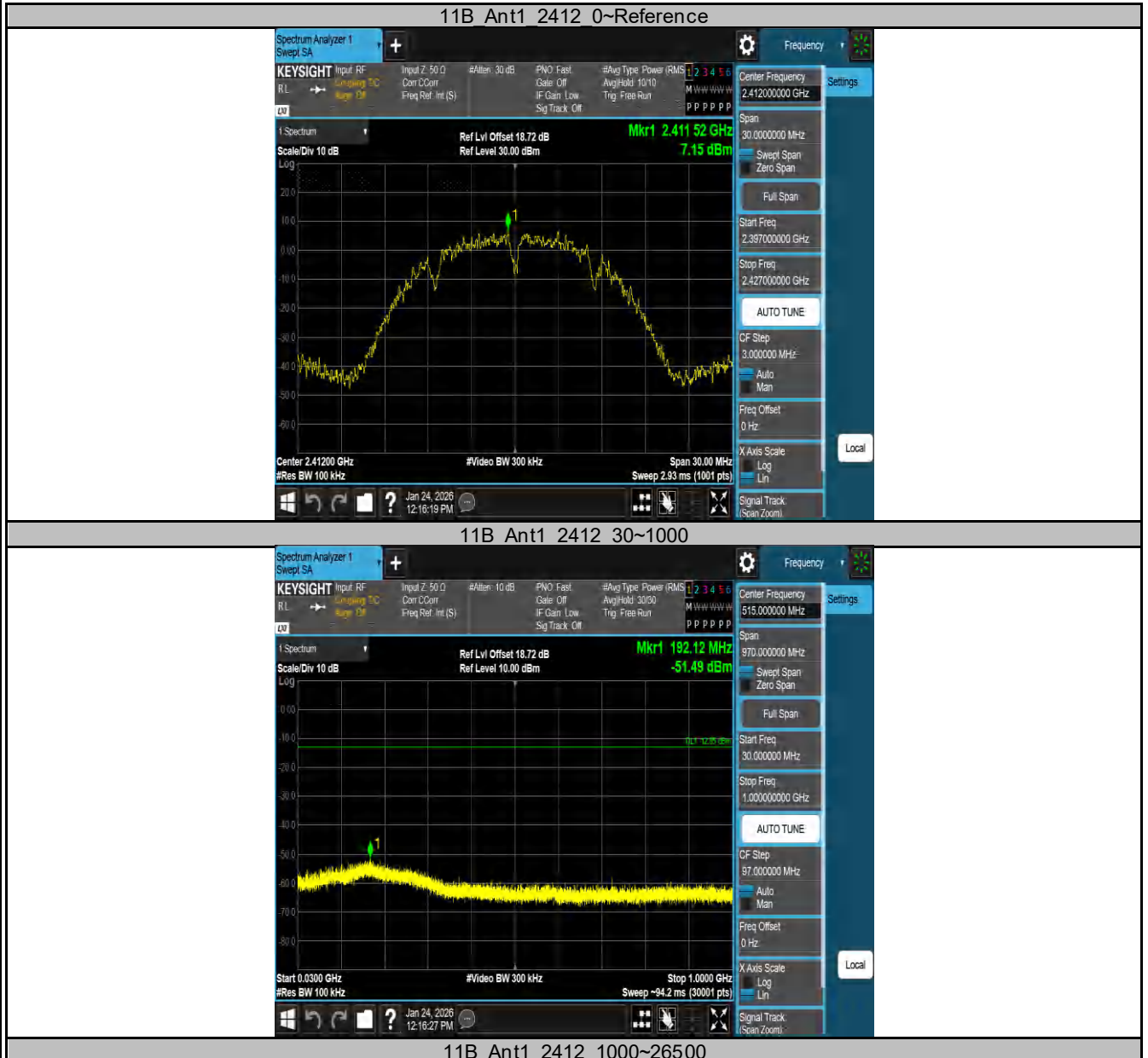


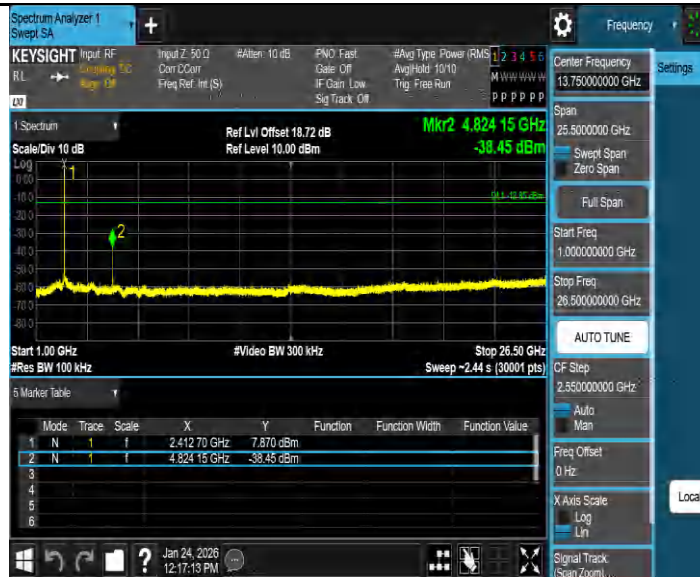
Appendix A.5: Test Results of Conducted Spurious Emissions

Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	7.15	7.15	---	PASS
			30~1000	7.15	-51.5	≤-12.85	PASS
			1000~26500	7.15	-38.45	≤-12.85	PASS
		2437	Reference	6.10	6.10	---	PASS
			30~1000	6.10	-51.65	≤-13.9	PASS
			1000~26500	6.10	-40.13	≤-13.9	PASS
		2462	Reference	6.75	6.75	---	PASS
			30~1000	6.75	-51.46	≤-13.25	PASS
			1000~26500	6.75	-39.58	≤-13.25	PASS
11G	Ant1	2412	Reference	4.25	4.25	---	PASS
			30~1000	4.25	-51.22	≤-15.75	PASS
			1000~26500	4.25	-47.52	≤-15.75	PASS
		2437	Reference	2.73	2.73	---	PASS
			30~1000	2.73	-51.86	≤-17.27	PASS
			1000~26500	2.73	-49.49	≤-17.27	PASS
		2462	Reference	2.69	2.69	---	PASS
			30~1000	2.69	-51.9	≤-17.31	PASS
			1000~26500	2.69	-45.77	≤-17.31	PASS
11N20SISO	Ant1	2412	Reference	4.83	4.83	---	PASS
			30~1000	4.83	-51.25	≤-15.17	PASS
			1000~26500	4.83	-48.33	≤-15.17	PASS
		2437	Reference	4.97	4.97	---	PASS
			30~1000	4.97	-50.67	≤-15.03	PASS
			1000~26500	4.97	-49.79	≤-15.03	PASS
		2462	Reference	3.10	3.10	---	PASS
			30~1000	3.10	-50.86	≤-16.9	PASS
			1000~26500	3.10	-49.71	≤-16.9	PASS
11N40SISO	Ant1	2422	Reference	2.86	2.86	---	PASS
			30~1000	2.86	-51.32	≤-17.14	PASS
			1000~26500	2.86	-48.83	≤-17.14	PASS
		2437	Reference	3.03	3.03	---	PASS
			30~1000	3.03	-51.09	≤-16.97	PASS
			1000~26500	3.03	-52.25	≤-16.97	PASS
		2452	Reference	0.99	0.99	---	PASS
			30~1000	0.99	-50.86	≤-19.01	PASS
			1000~26500	0.99	-50.11	≤-19.01	PASS

Test Graphs





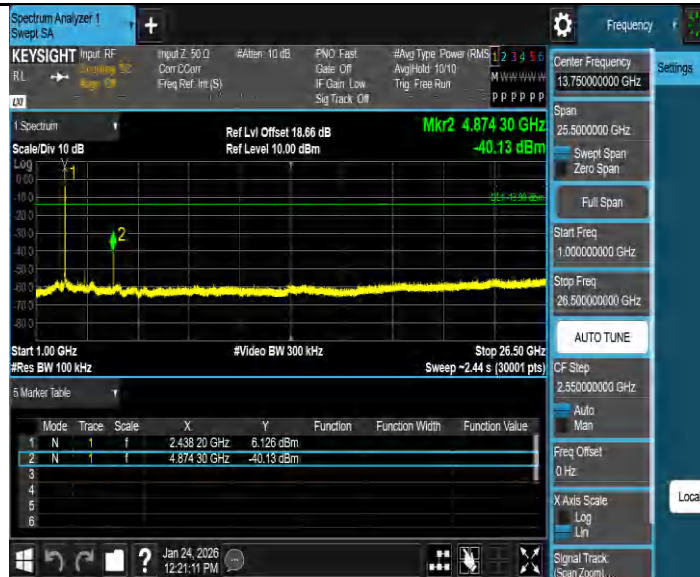
11B Ant1 2437 0~Reference



11B Ant1 2437 30~1000



11B Ant1 2437 1000~26500



11B Ant1 2462 0~Reference



11B Ant1 2462 30~1000



11B Ant1 2462 1000~26500



11G Ant1 2412 0~Reference



11G Ant1 2412 30~1000



11G Ant1 2412 1000~26500



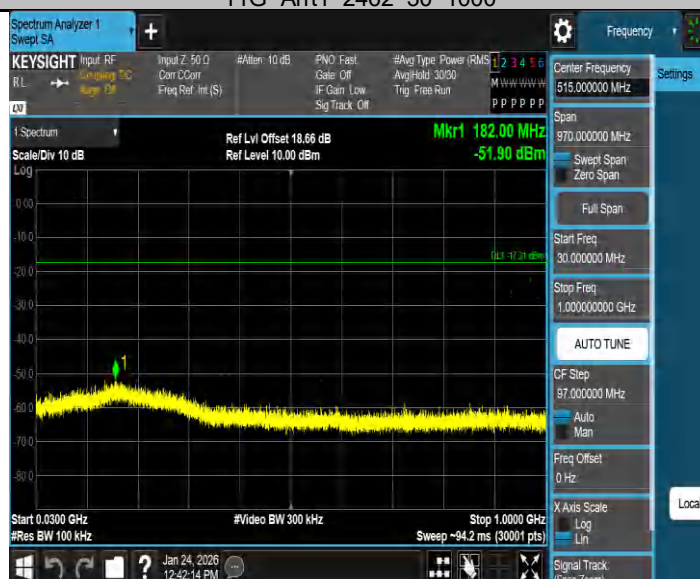
11G Ant1 2437 0~Reference

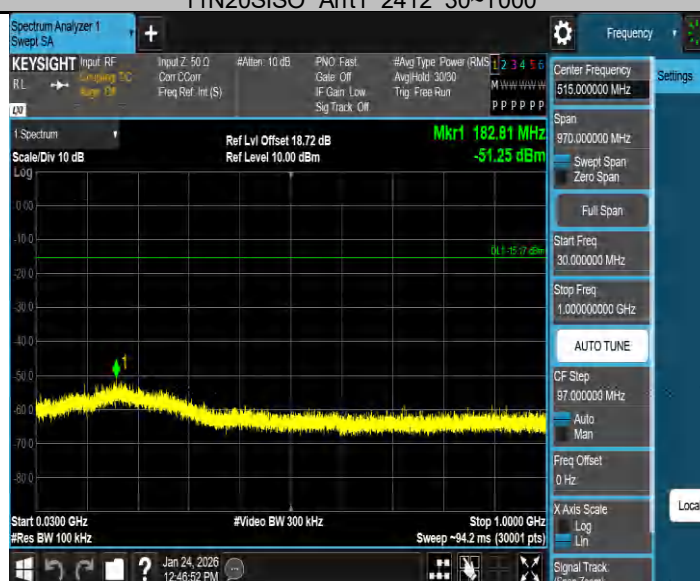


11G Ant1 2437 30~1000



11G Ant1 2437 1000~26500



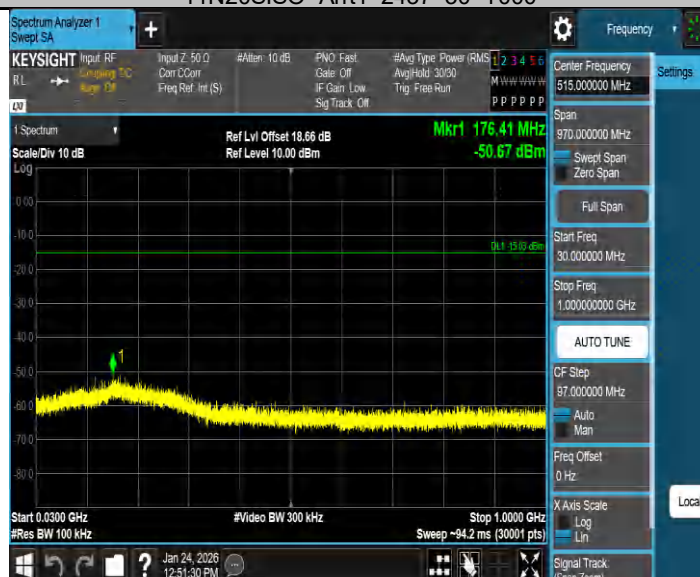




11N20SISO Ant1 2437 0~Reference



11N20SISO Ant1 2437 30~1000



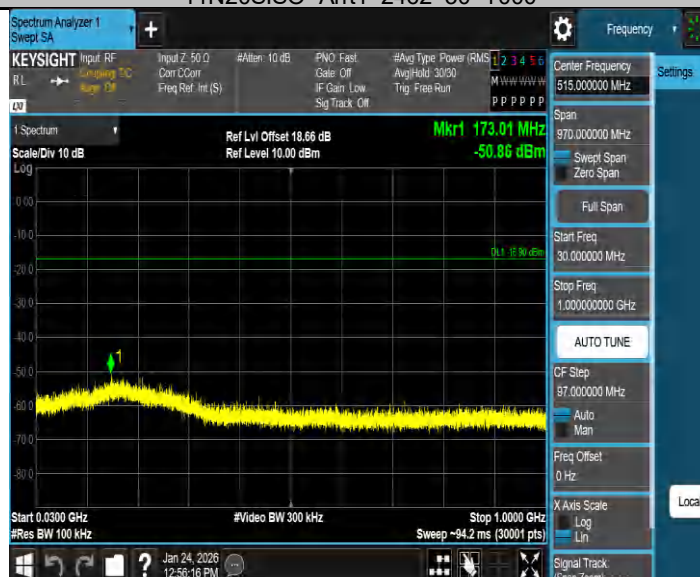
11N20SISO Ant1 2437 1000~26500



11N20SISO Ant1 2462 0~Reference



11N20SISO Ant1 2462 30~1000



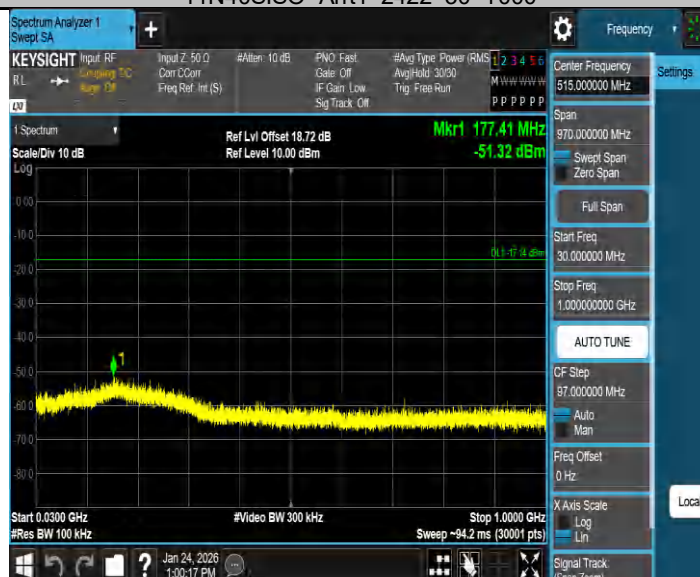
11N20SISO Ant1 2462 1000~26500



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



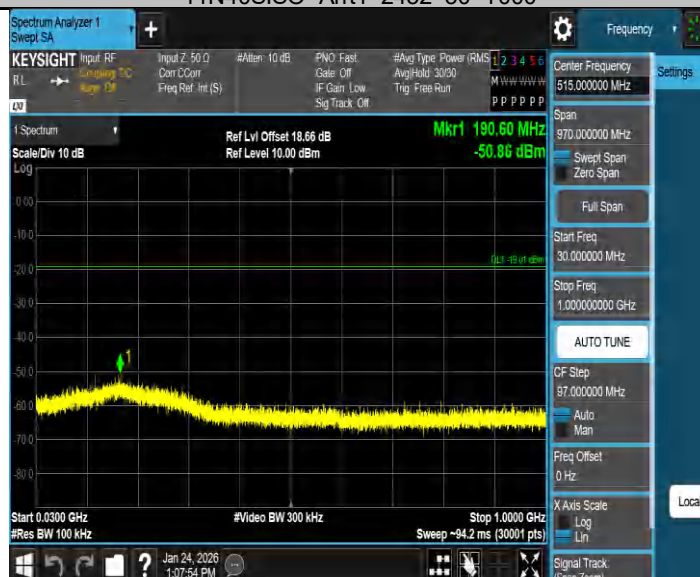
11N40SISO Ant1 2437 1000~26500



11N40SISO Ant1 2452 0~Reference



11N40SISO Ant1 2452 30~1000



11N40SISO Ant1 2452 1000~26500



Appendix A.6: Test Results of Radiated Spurious Emissions

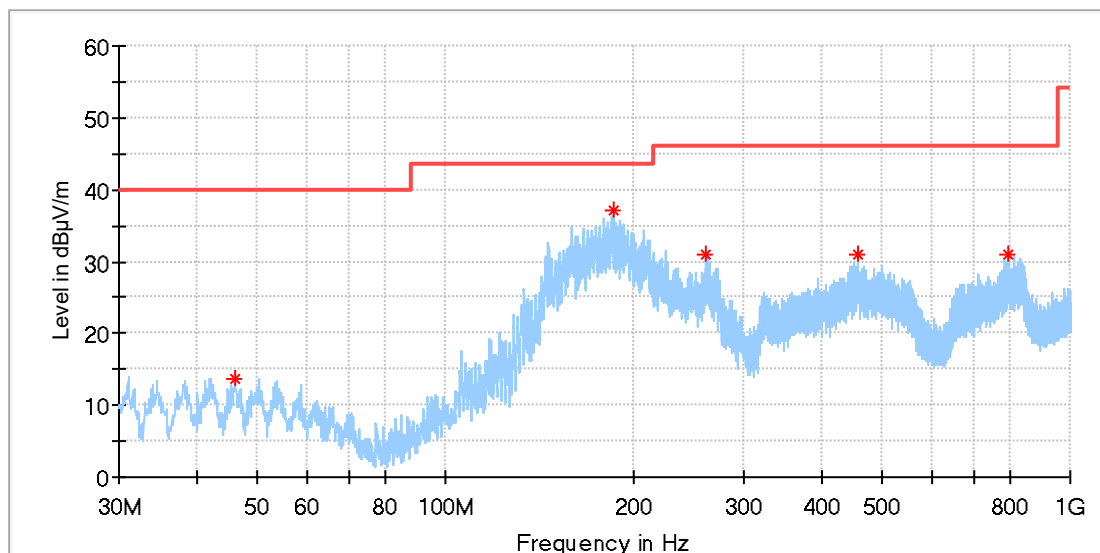
Note:

- 1) This testing was carried out on different modulations, 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:	DT3QR1501
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

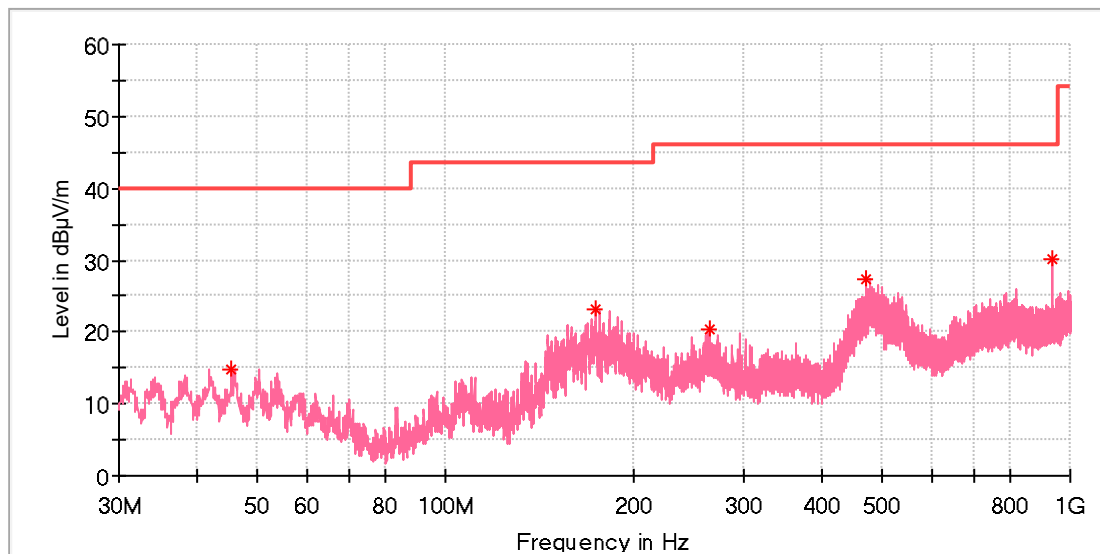
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
46.005000	13.70	40.00	26.30	100.0	H	119.0	-18.8
186.008333	37.04	43.50	6.46	100.0	H	4.0	-20.0
261.560556	31.05	46.00	14.95	100.0	H	34.0	-17.1
458.093333	30.89	46.00	15.11	100.0	H	27.0	-12.6
795.330000	31.11	46.00	14.89	100.0	H	185.0	-6.3

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: DT3QR1501
Test Mode: WIFI 2.4G_11b_Ch6
Order No/Sample No: 168589310/A004160325-002
Test Voltage: DC 3.3V
Remark: Temp 24 Humi:50%
Test Standard: FCC 15.247
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.412222	14.88	40.00	25.12	100.0	V	110.0	-18.9
174.368333	23.24	43.50	20.26	100.0	V	272.0	-21.1
265.494444	20.43	46.00	25.57	100.0	V	21.0	-17.0
469.356111	27.38	46.00	18.62	100.0	V	244.0	-12.4
937.542778	30.25	46.00	15.75	100.0	V	181.0	-4.4

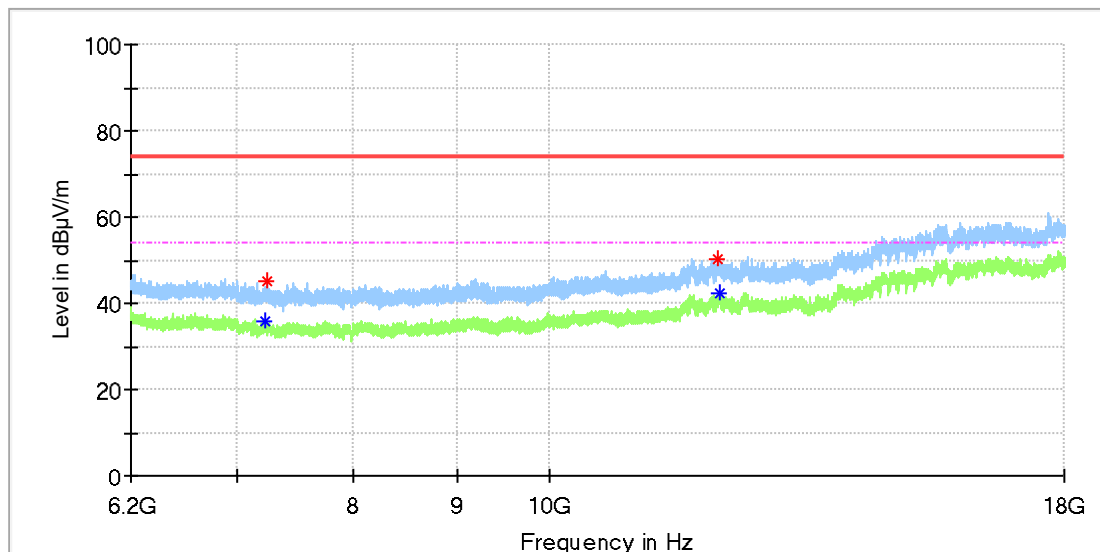
Final Result

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

EUT Information

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

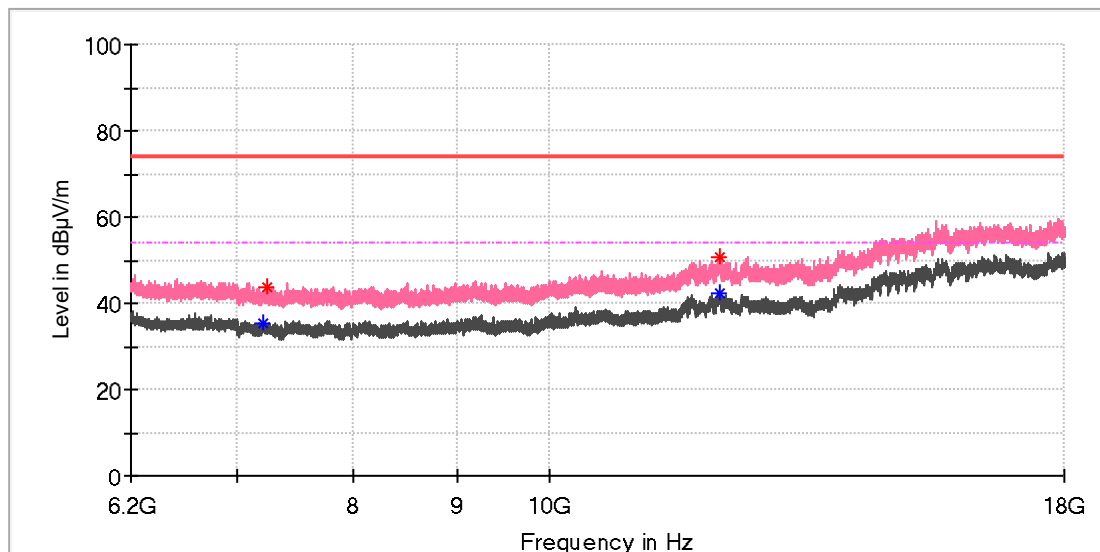
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7233.483333	---	36.01	54.00	17.99	150.0	H	173.0	8.6
7238.400000	44.92	---	74.00	29.08	150.0	H	139.0	8.6
12116.225000	50.27	---	74.00	23.73	150.0	H	317.0	15.9
12159.491667	---	42.52	54.00	11.48	150.0	H	328.0	16.2

Final_Result

[illegible]

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
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)
7217.258333	---	35.46	54.00	18.54	150.0	V	143.0	8.7
7240.366667	43.87	---	74.00	30.13	150.0	V	88.0	8.6
12150.150000	50.48	---	74.00	23.52	150.0	V	0.0	16.7
12150.150000	---	42.49	54.00	11.51	150.0	V	0.0	16.7

Final_Result

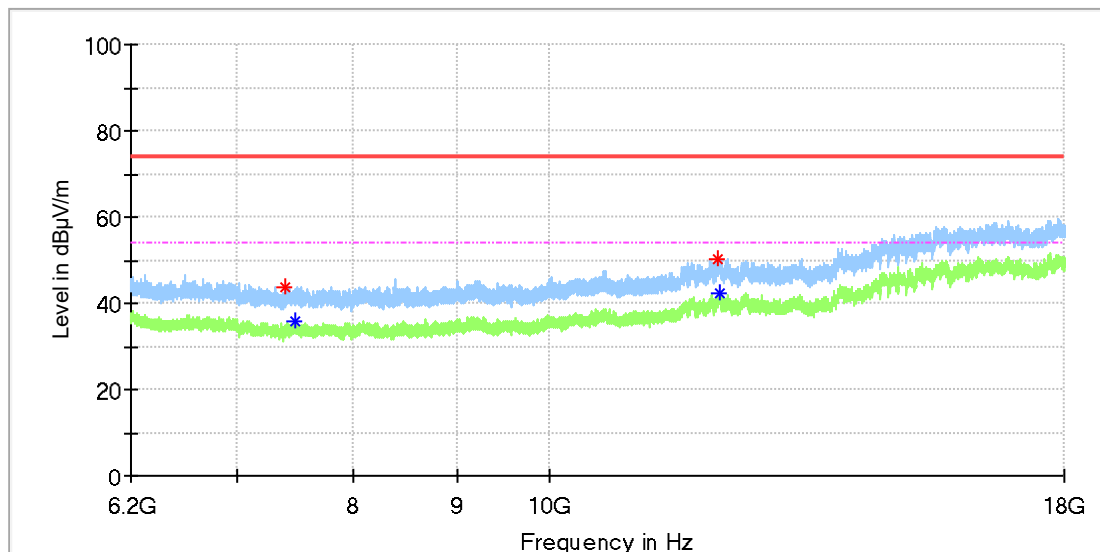
[illegible]

EUT Information

EUT Information

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

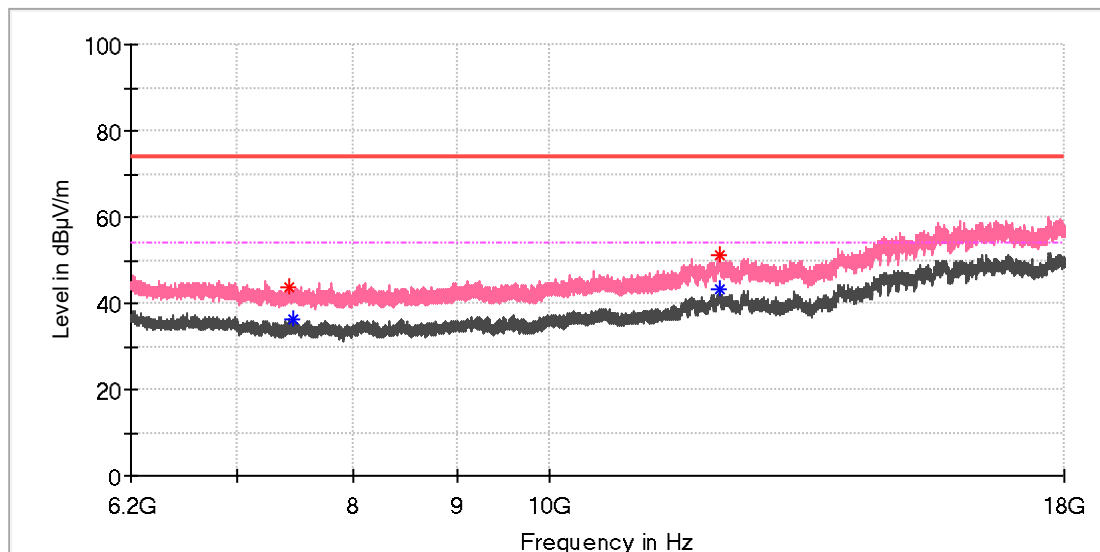
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7400.650000	43.91	---	74.00	30.09	150.0	H	79.0	8.3
7472.925000	---	36.01	54.00	17.99	150.0	H	310.0	8.6
12123.108333	50.38	---	74.00	23.62	150.0	H	272.0	16.0
12155.558333	---	42.27	54.00	11.73	150.0	H	321.0	16.4

Final_Result

[illegible]

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
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)
7419.825000	43.59	---	74.00	30.41	150.0	V	315.0	8.4
7468.991667	---	36.46	54.00	17.54	150.0	V	217.0	8.6
12141.791667	51.24	---	74.00	22.76	150.0	V	358.0	16.5
12151.133333	---	43.14	54.00	10.86	150.0	V	326.0	16.7

Final_Result

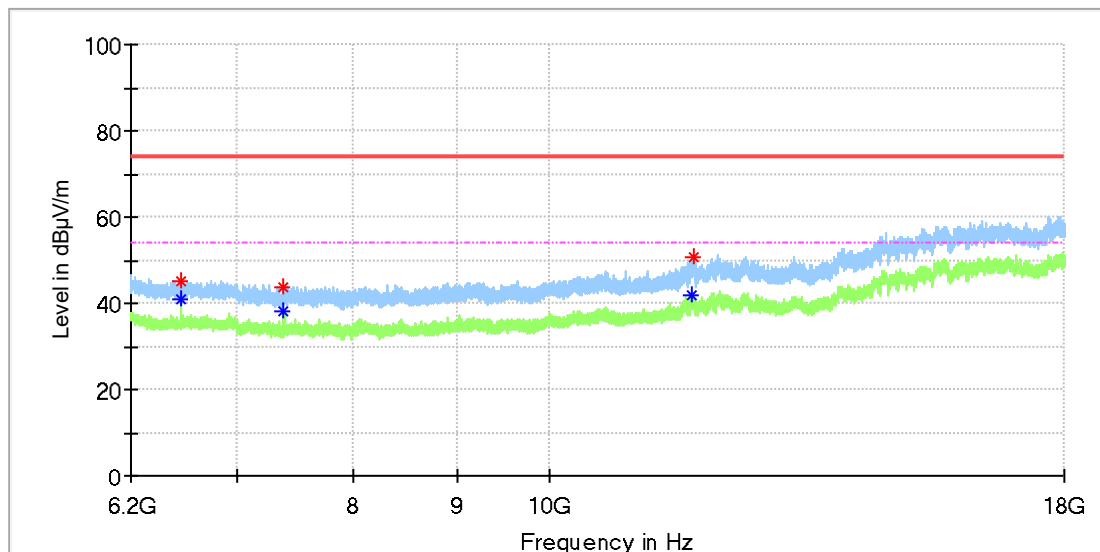
[illegible]

EUT Information

EUT Information

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

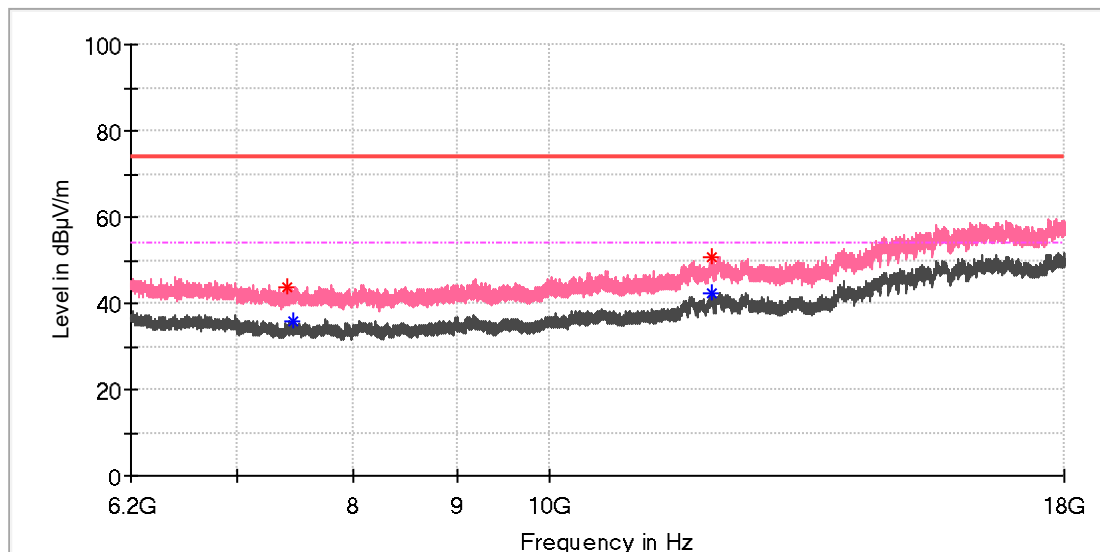
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6564.816667	44.96	---	74.00	29.04	150.0	H	287.0	8.7
6565.308333	---	40.83	54.00	13.17	150.0	H	276.0	8.7
7383.933333	---	37.99	54.00	16.01	150.0	H	264.0	8.2
7384.916667	43.89	---	74.00	30.11	150.0	H	300.0	8.2
11769.600000	---	41.86	54.00	12.14	150.0	H	59.0	15.3
11784.841667	50.82	---	74.00	23.18	150.0	H	0.0	15.0

Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
90.000000	-86.70	-86.70	-86.70	13.30	30.00	V	0.00	0.00

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
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)
7411.466667	43.49	---	74.00	30.51	150.0	V	297.0	8.3
7454.733333	---	35.90	54.00	18.10	150.0	V	0.0	8.5
12047.391667	---	42.23	54.00	11.77	150.0	V	275.0	16.4
12048.375000	50.68	---	74.00	23.32	150.0	V	162.0	16.4

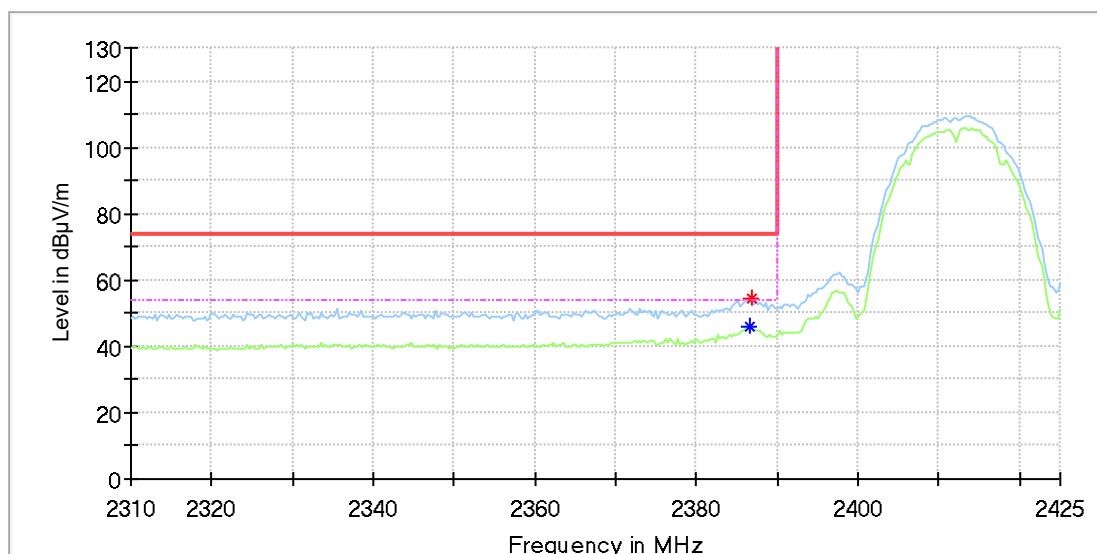
Final_Result

[illegible]

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

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

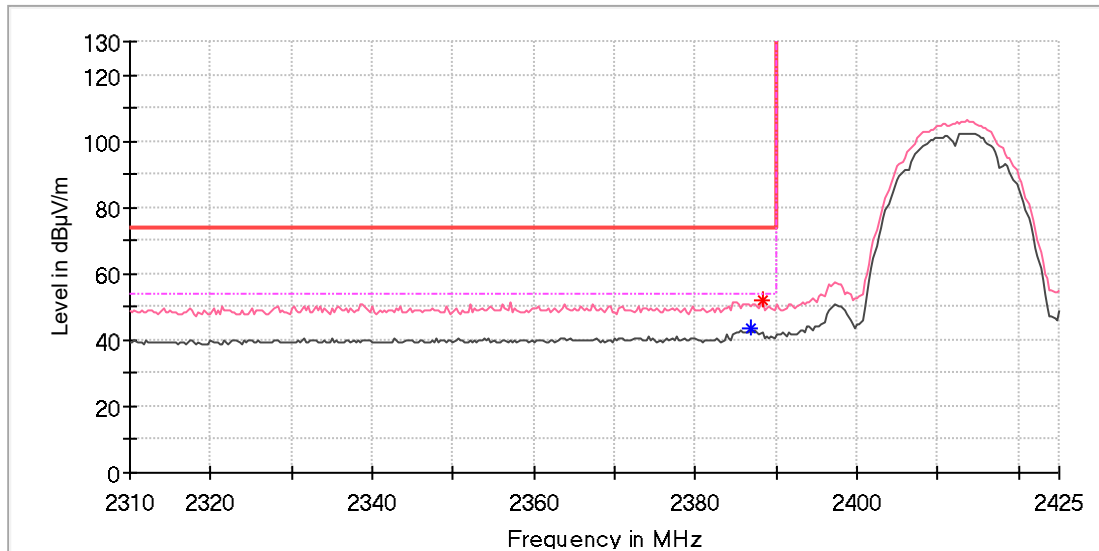
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.470588	---	46.21	54.00	7.79	150.0	H	145.0	8.5
2386.764706	54.64	---	74.00	19.36	150.0	H	145.0	8.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.5-95.5	93.5-95.5	93.5-95.5	93.5-95.5	93.5-95.5	93.5-95.5		93.5-95.5	93.5-95.5

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

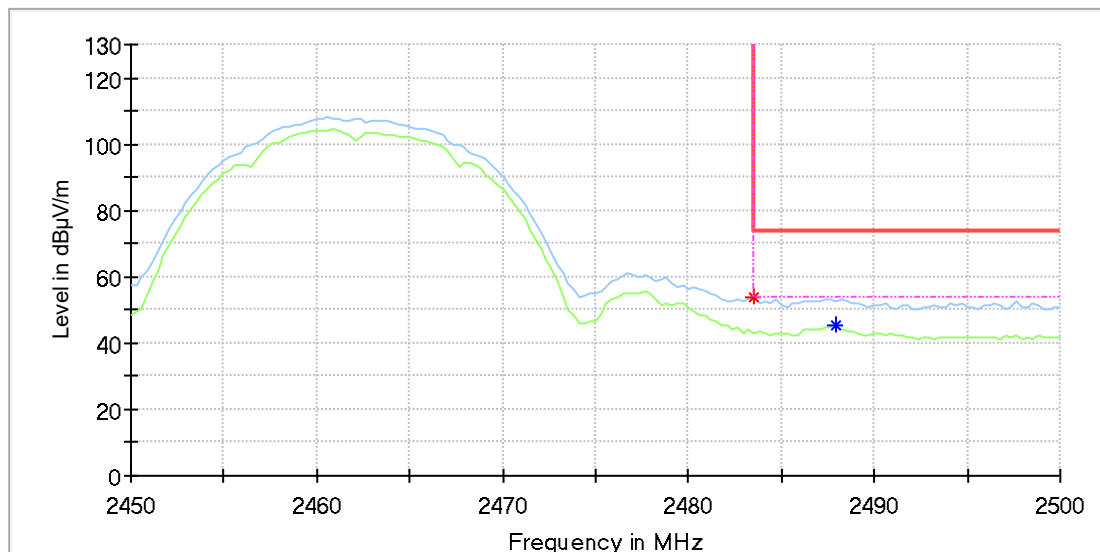
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.764706	---	43.43	54.00	10.57	150.0	V	244.0	8.5
2388.235294	52.26	---	74.00	21.74	150.0	V	244.0	8.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.75 MHz	93.75 dBμV/m	93.75 dBμV/m	93.75 dBμV/m	93.75 dB	93.75 cm		93.75 deg	93.75 dB/m

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

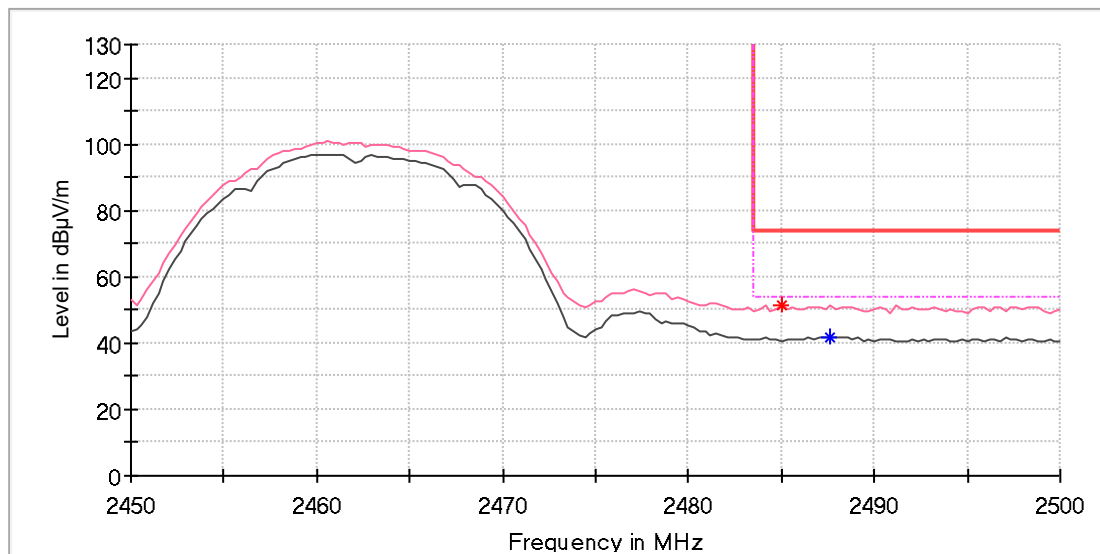
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	53.67	---	74.00	20.33	150.0	H	141.0	9.0
2487.941177	---	45.21	54.00	8.79	150.0	H	326.0	9.0

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.5-93.7	93.5-93.7	93.5-93.7	93.5-93.7	93.5-93.7	93.5-93.7		93.5-93.7	

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

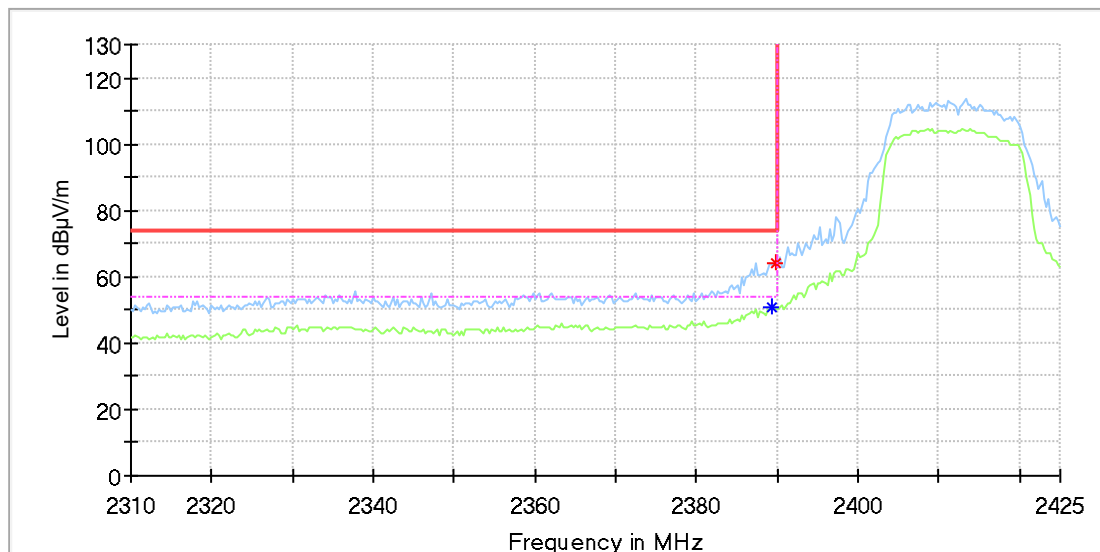
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2485.000000	51.59	---	74.00	22.41	150.0	V	286.0	9.0
2487.647059	---	41.79	54.00	12.21	150.0	V	0.0	9.0

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.5-93.7	93.5-93.7	93.5-93.7	93.5-93.7	93.5-93.7	93.5-93.7		93.5-93.7	

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

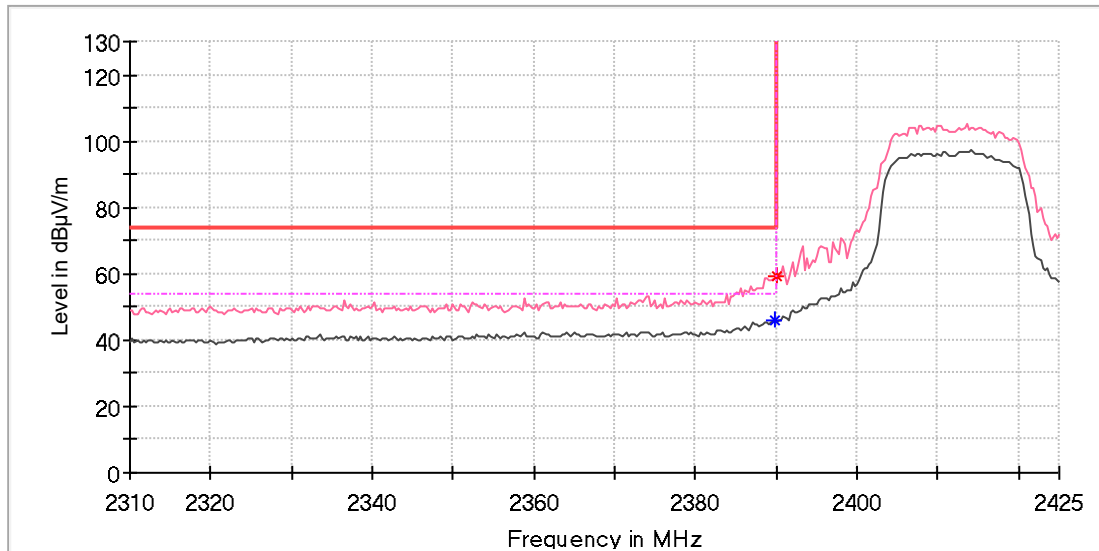
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.411765	---	50.61	54.00	3.39	150.0	H	324.0	8.5
2389.705882	64.35	---	74.00	9.65	150.0	H	324.0	8.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.750000	93.750000	93.750000	93.750000	93.750000	93.750000		93.750000	93.750000

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

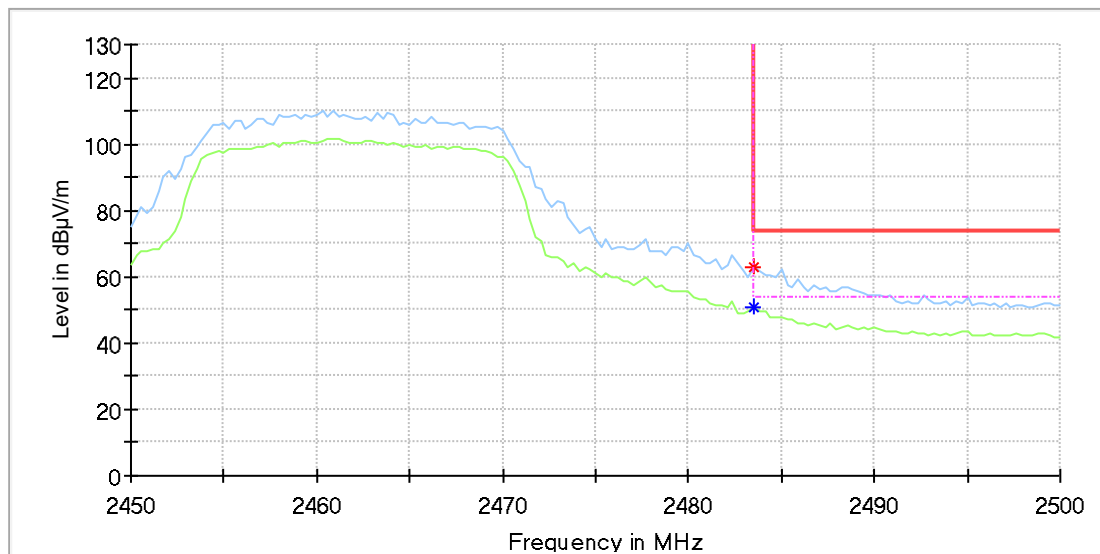
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.705882	---	45.74	54.00	8.26	150.0	V	0.0	8.5
2390.000000	59.17	---	74.00	14.83	150.0	V	0.0	8.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.750000	93.750000	93.750000	93.750000	93.750000	93.750000		93.750000	93.750000

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

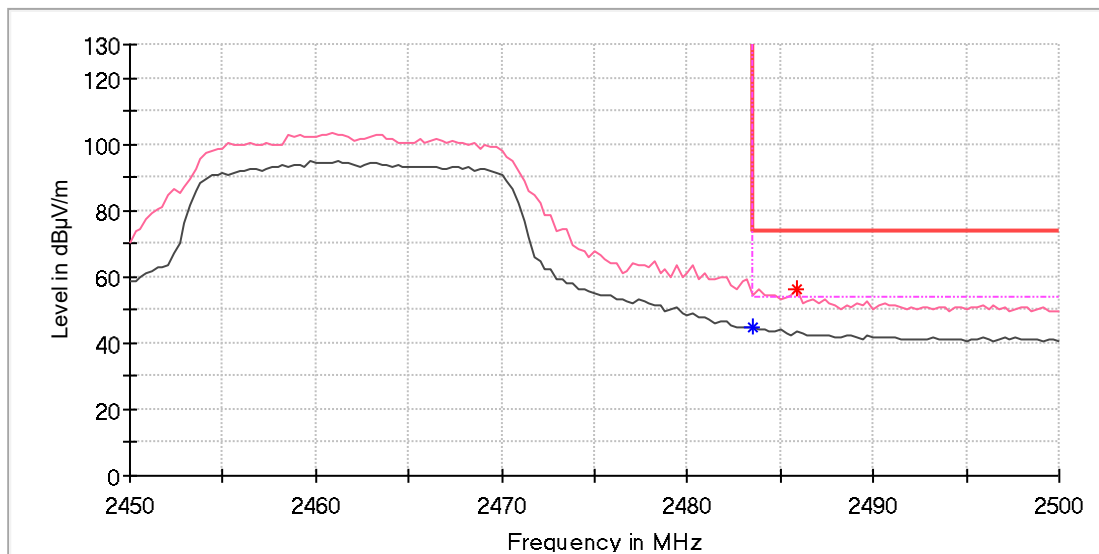
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	62.90	---	74.00	11.10	150.0	H	193.0	9.0
2483.529412	---	50.63	54.00	3.37	150.0	H	193.0	9.0

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.75 MHz	93.75 dBμV/m	93.75 dBμV/m	93.75 dBμV/m	93.75 dB	93.75 cm		93.75 deg	93.75 dB/m

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	WIFI 2.4G_11g_Ch11
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

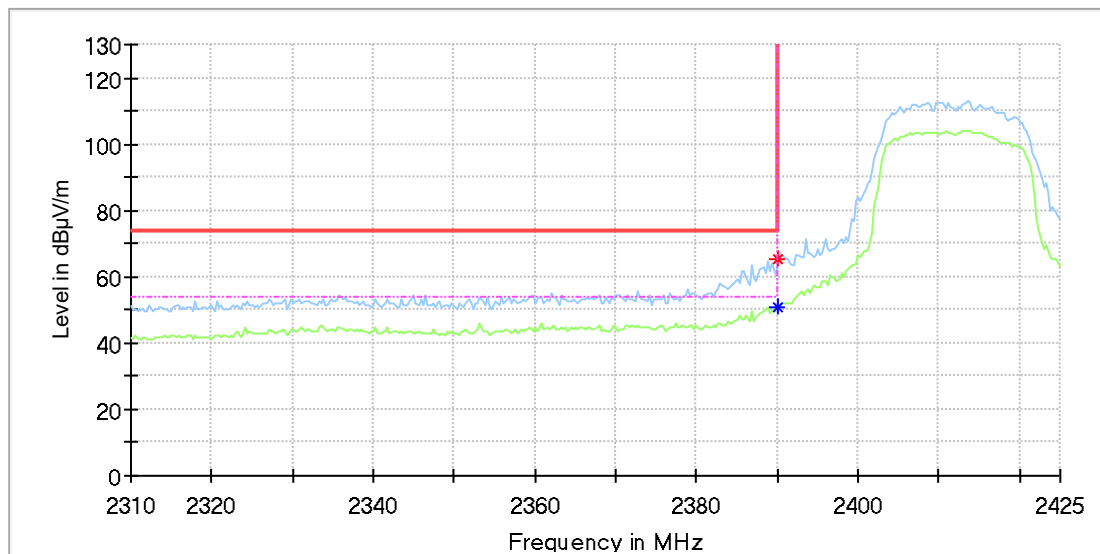
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	---	44.55	54.00	9.45	150.0	V	0.0	9.0
2485.882353	56.11	---	74.00	17.89	150.0	V	0.0	9.0

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.5-93.6	93.5-93.6	93.5-93.6	93.5-93.6	93.5-93.6	93.5-93.6		93.5-93.6	

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

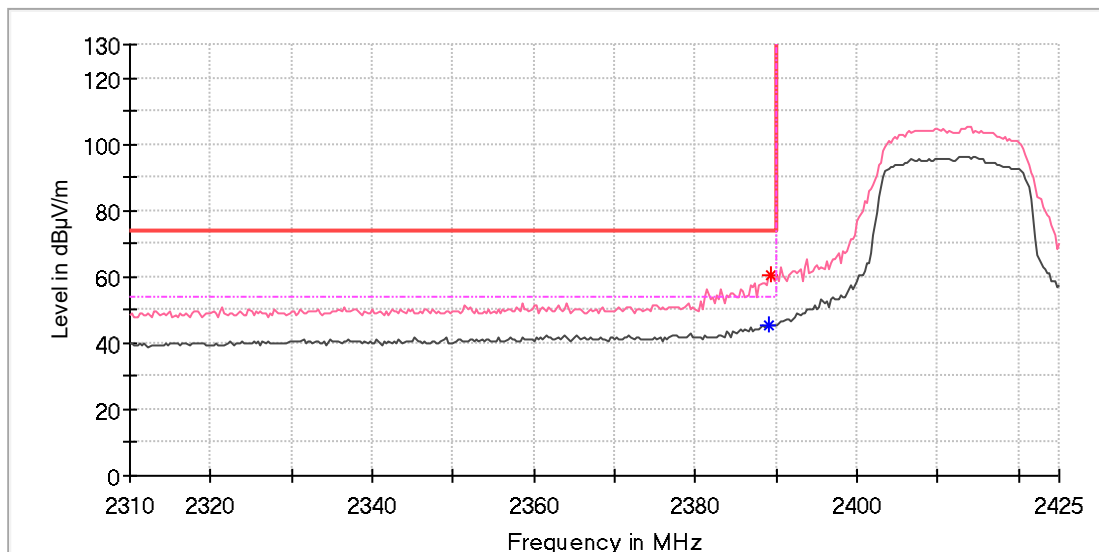
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2390.000000	65.39	---	74.00	8.61	150.0	H	327.0	8.5
2390.000000	---	51.07	54.00	2.93	150.0	H	327.0	8.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.75 MHz	93.75 dBμV/m	93.75 dBμV/m	93.75 dBμV/m	93.75 dB	93.75 cm		93.75 deg	93.75 dB/m

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

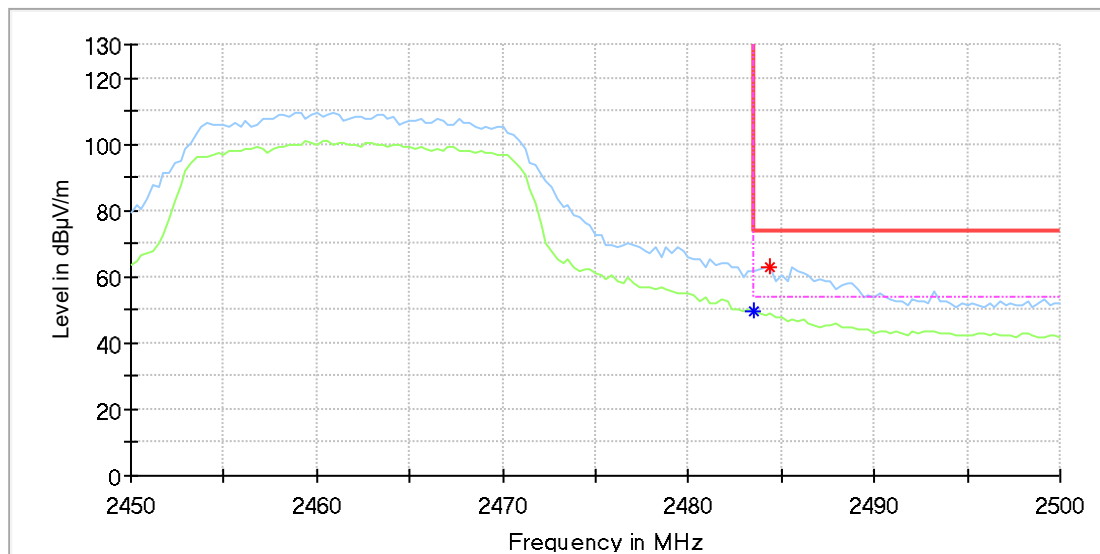
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.117647	---	45.44	54.00	8.56	150.0	V	0.0	8.5
2389.411765	60.53	---	74.00	13.47	150.0	V	0.0	8.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.750000	93.750000	93.750000	93.750000	93.750000	93.750000		93.750000	93.750000

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	WIFI 2.4G_11n20_Ch11
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

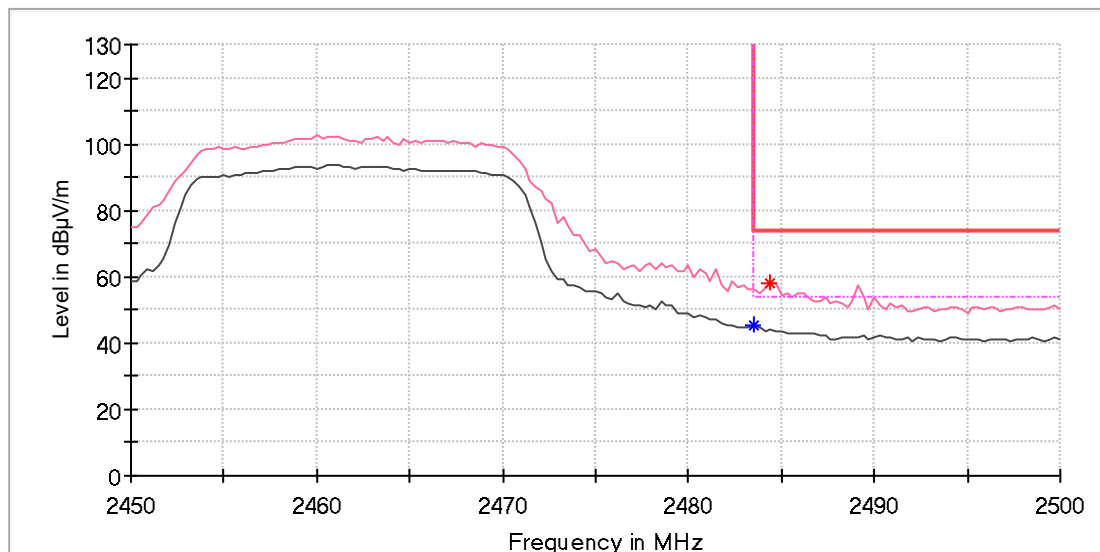
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	---	49.34	54.00	4.66	150.0	H	322.0	9.0
2484.411765	63.11	---	74.00	10.89	150.0	H	322.0	9.0

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.75 MHz	93.75 dBμV/m	93.75 dBμV/m	93.75 dBμV/m	93.75 dB	93.75 cm		93.75 deg	93.75 dB/m

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	WIFI 2.4G_11n20_Ch11
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

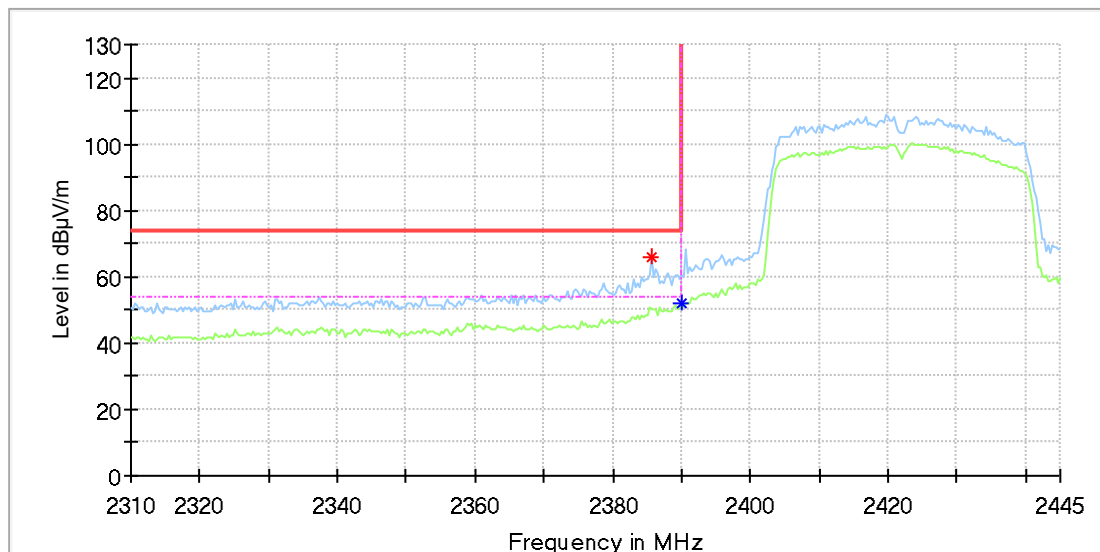
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.529412	---	45.35	54.00	8.65	150.0	V	0.0	9.0
2484.411765	58.10	---	74.00	15.90	150.0	V	0.0	9.0

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.5-93.6	93.5-93.6	93.5-93.6	93.5-93.6	93.5-93.6	93.5-93.6		93.5-93.6	

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

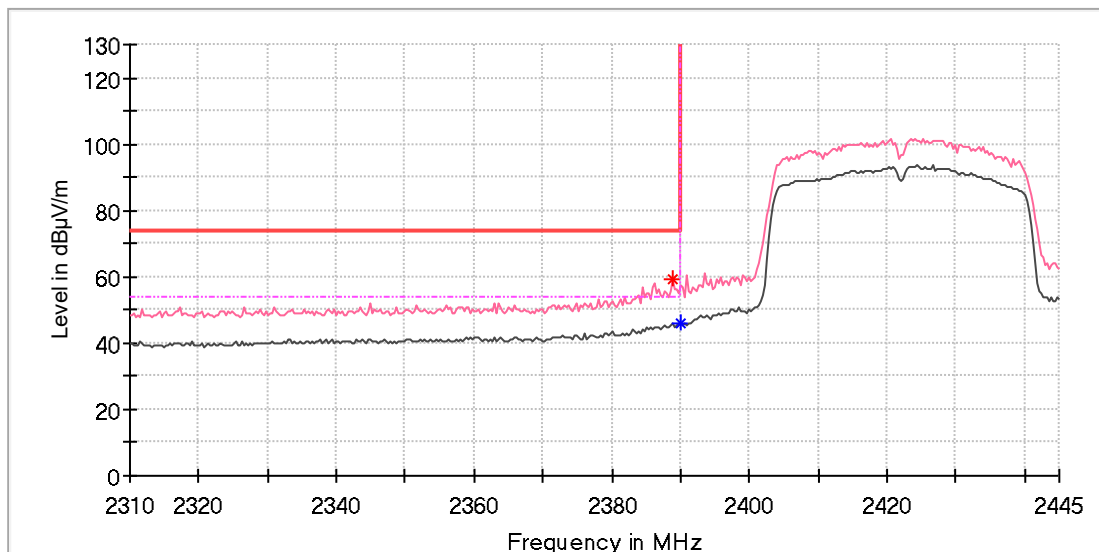
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2385.588235	66.10	---	74.00	7.90	150.0	H	322.0	8.5
2390.000000	---	51.74	54.00	2.26	150.0	H	322.0	8.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.750000	93.750000	93.750000	93.750000	93.750000	93.750000		93.750000	93.750000

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

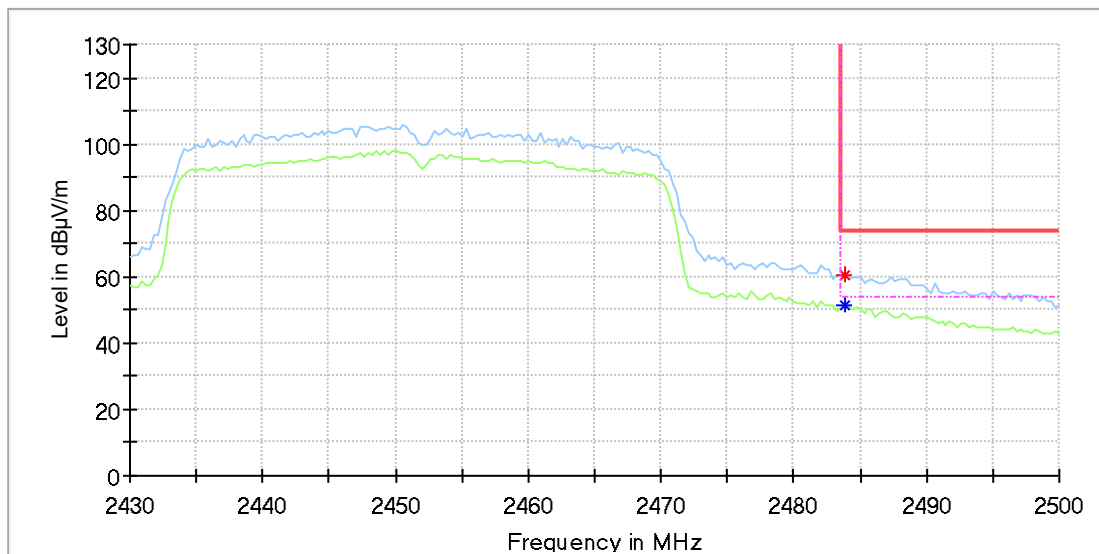
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.823529	59.37	---	74.00	14.63	150.0	V	0.0	8.5
2390.000000	---	46.00	54.00	8.00	150.0	V	1.0	8.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.750000	93.750000	93.750000	93.750000	93.750000	93.750000		93.750000	93.750000

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	WIFI 2.4G_11n40_Ch9
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

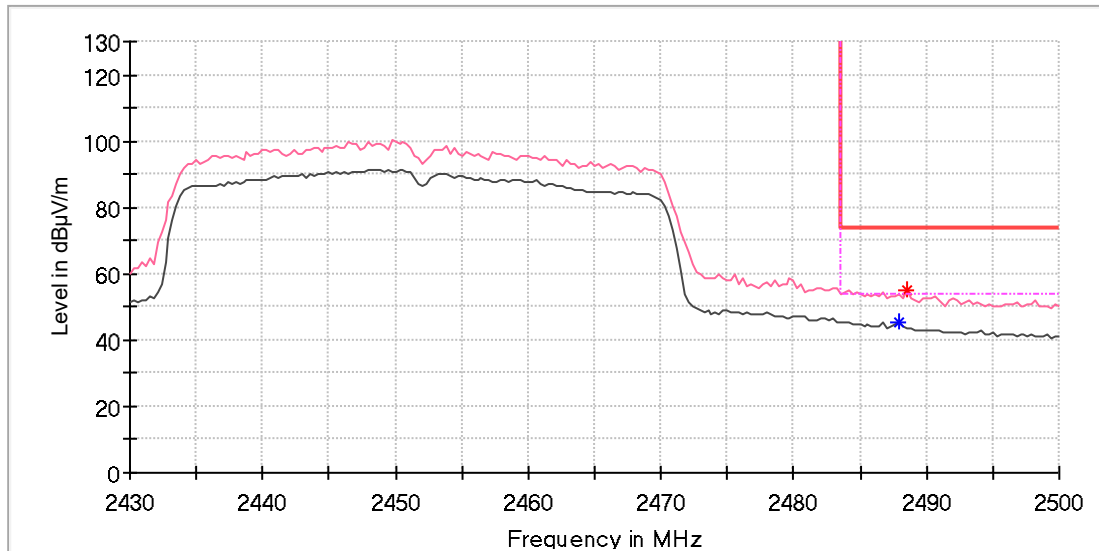
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.823529	60.49	---	74.00	13.51	150.0	H	331.0	9.0
2483.823529	---	51.30	54.00	2.70	150.0	H	331.0	9.0

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.75 MHz	93.75 dBμV/m	93.75 dBμV/m	93.75 dBμV/m	93.75 dB	93.75 cm		93.75 deg	93.75 dB/m

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	WIFI 2.4G_11n40_Ch9
Order No/Sample No:	168589310/A004160325-002
Test Voltage:	DC 3.3V
Remark:	Temp 24 Humi:50%
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)
2487.941177	---	45.54	54.00	8.46	150.0	V	0.0	9.0
2488.529412	54.98	---	74.00	19.02	150.0	V	0.0	9.0

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.75 MHz	93.75 dBμV/m	93.75 dBμV/m	93.75 dBμV/m	93.75 dB	93.75 cm		93.75 deg	93.75 dB/m