

Appendix B: Test Results of Bluetooth Low Energy

APPENDIX B: TEST RESULTS OF BLUETOOTH LOW ENERGY	1
APPENDIX B.1: TEST RESULTS OF 6dB BANDWIDTH	2
Test Result.....	2
Test Graphs.....	3
APPENDIX B.2: TEST RESULTS OF 99% BANDWIDTH.....	5
Test Result.....	5
Test Graphs.....	6
APPENDIX B.3: TEST RESULTS OF CONDUCTED POWER SPECTRAL DENSITY	8
Test Result.....	8
Test Graphs.....	9
APPENDIX B.4: TEST RESULTS OF BAND EDGE MEASUREMENTS.....	11
Test Result.....	11
Test Graphs.....	12
APPENDIX B.5: TEST RESULTS OF CONDUCTED SPURIOUS EMISSION	14
Test Result.....	14
Test Graphs.....	15
APPENDIX B.6: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS	21
30 MHz - 1GHz.....	21
1GHz - 18GHz.....	23
APPENDIX B.7: TEST RESULTS OF RADIATED EMISSIONS IN RESTRICTED BANDS.....	35

Appendix B.1: Test Results of 6dB Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.644	2401.680	2402.324	0.5	PASS
		2440	0.652	2439.676	2440.328	0.5	PASS
		2480	0.668	2479.668	2480.336	0.5	PASS
BLE_2M	Ant1	2402	1.136	2401.452	2402.588	0.5	PASS
		2440	1.084	2439.464	2440.548	0.5	PASS
		2480	0.892	2479.508	2480.400	0.5	PASS

Test Graphs





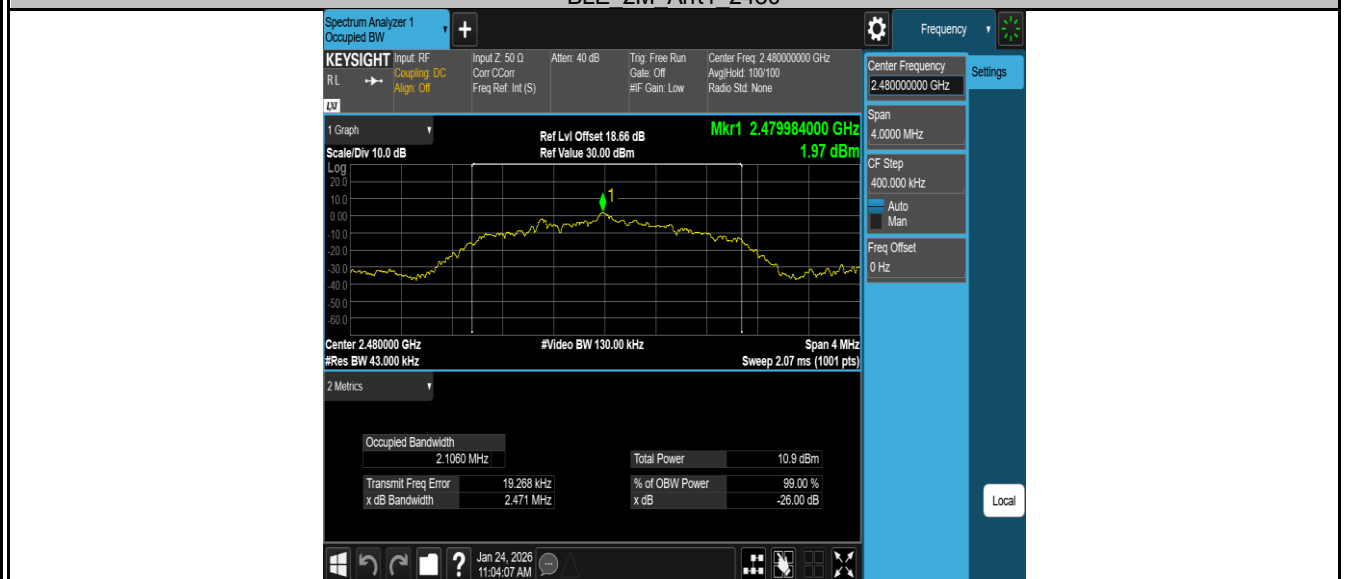
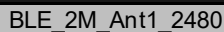
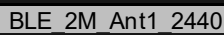
Appendix B.2: Test Results of 99% Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0330	2401.5020	2402.5350	---	PASS
		2440	1.0391	2439.4924	2440.5315	---	PASS
		2480	1.0507	2479.4863	2480.5370	---	PASS
BLE_2M	Ant1	2402	2.0707	2400.9917	2403.0624	---	PASS
		2440	2.0665	2439.0038	2441.0703	---	PASS
		2480	2.1060	2478.9663	2481.0723	---	PASS

Test Graphs



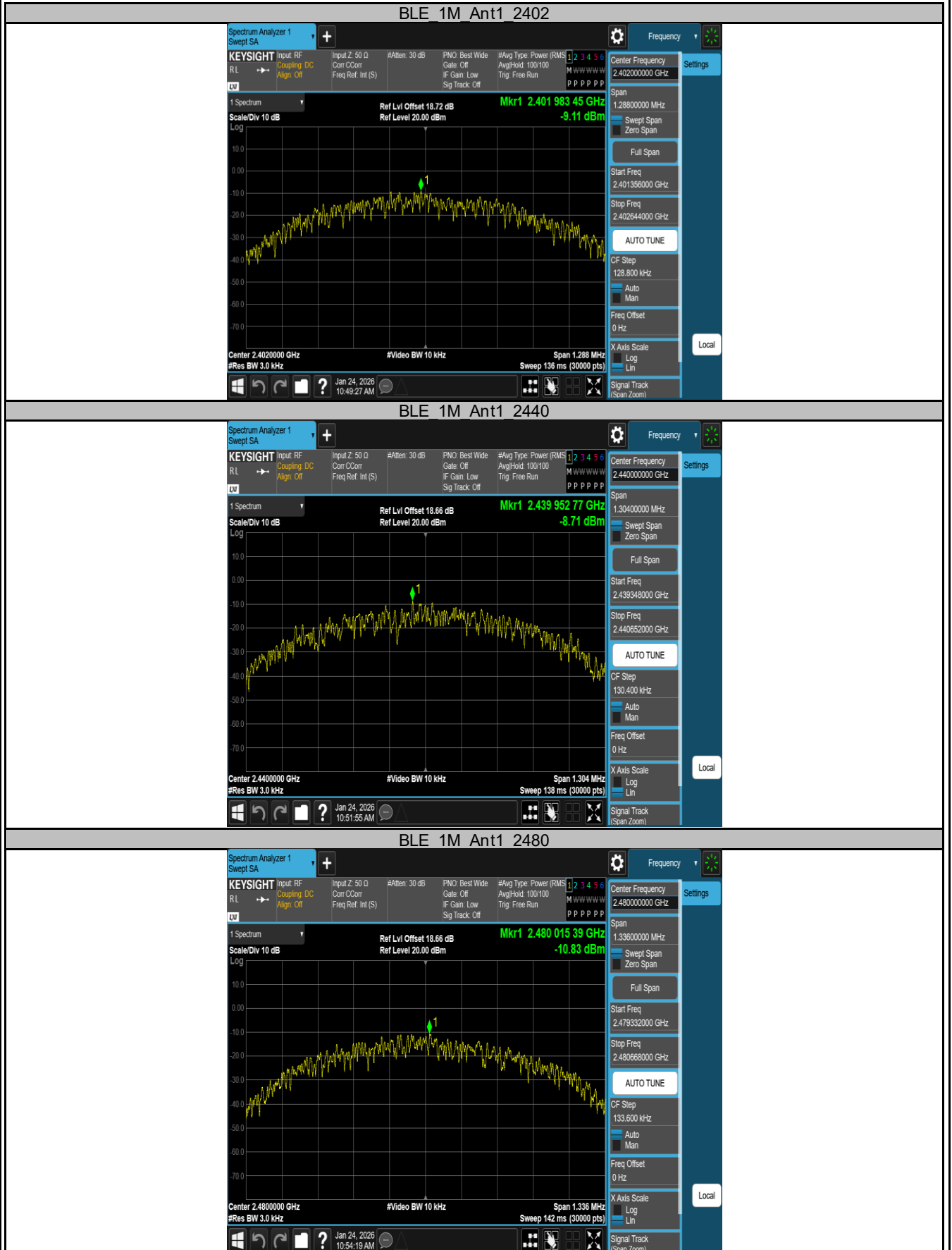


Appendix B.3: Test Results of Conducted Power Spectral Density

Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-9.11	≤8.00	PASS
		2440	-8.71	≤8.00	PASS
		2480	-10.83	≤8.00	PASS
BLE_2M	Ant1	2402	-11.71	≤8.00	PASS
		2440	-11.99	≤8.00	PASS
		2480	-13.93	≤8.00	PASS

Test Graphs





Appendix B.4: Test Results of Band Edge Measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	6.06	-43.12	≤-13.94	PASS
		High	2480	4.64	-42.93	≤-15.36	PASS
BLE_2M	Ant1	Low	2402	6.15	-30.45	≤-13.85	PASS
		High	2480	4.65	-42.19	≤-15.35	PASS

Test Graphs



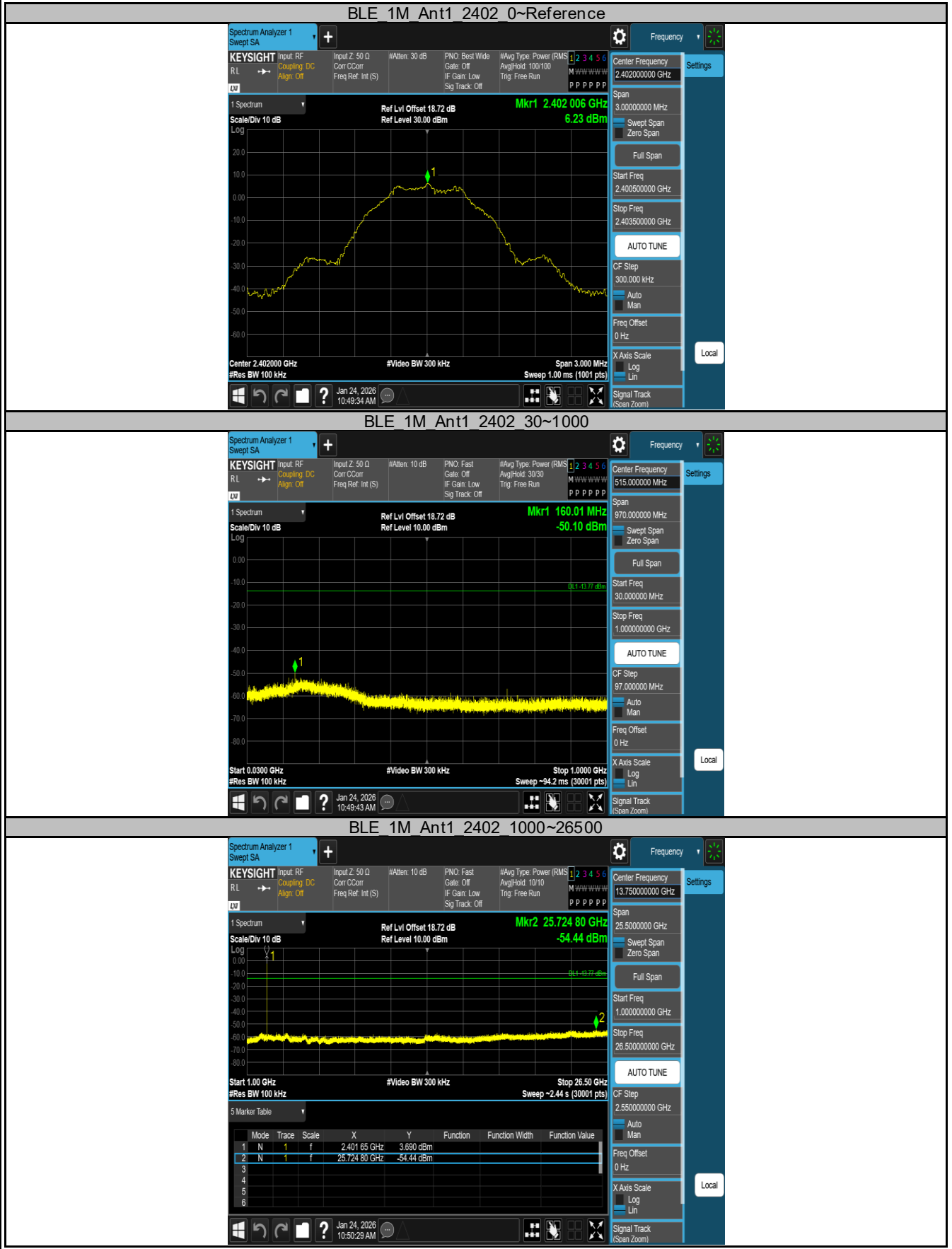


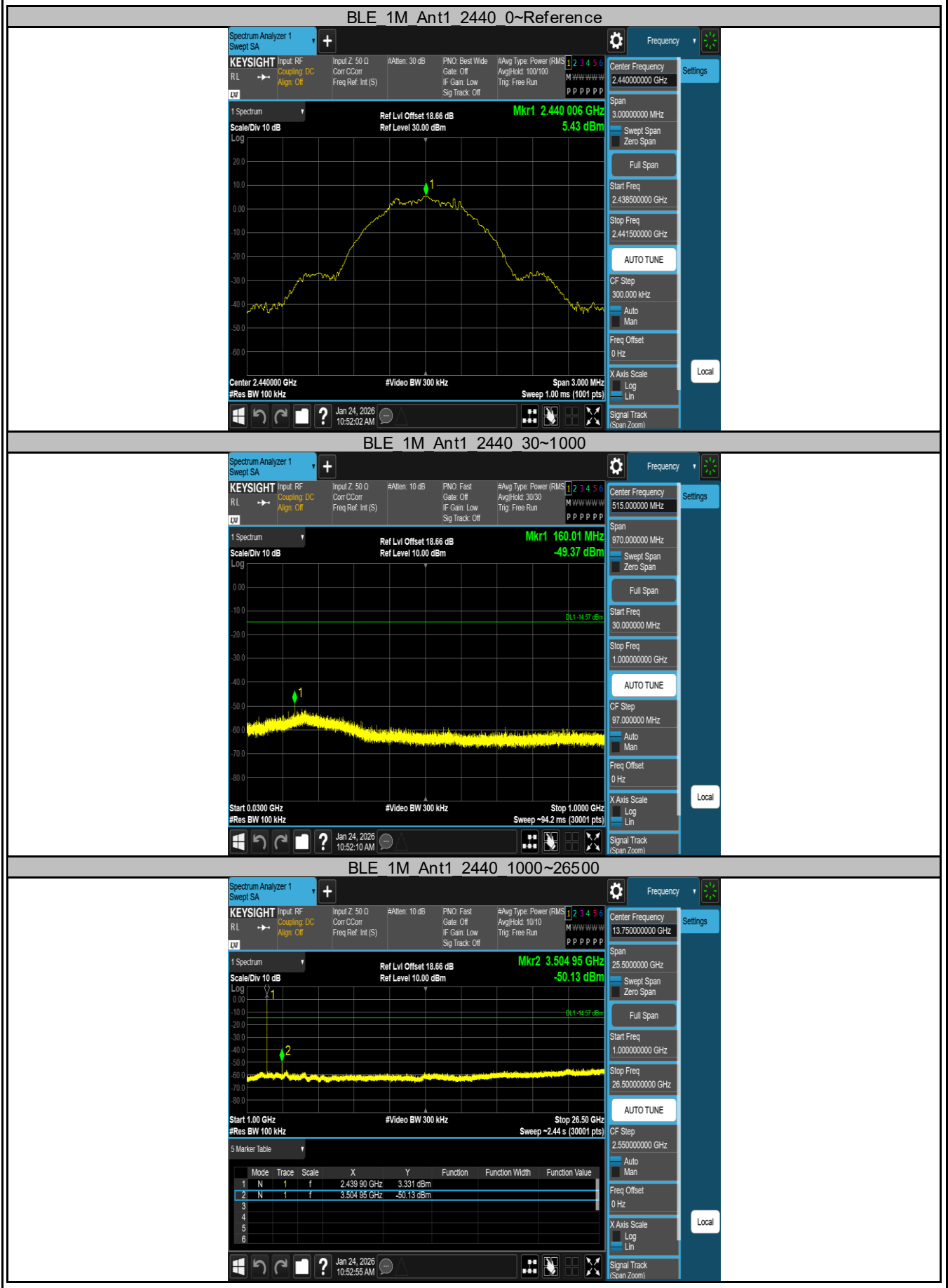
Appendix B.5: Test Results of Conducted Spurious Emission

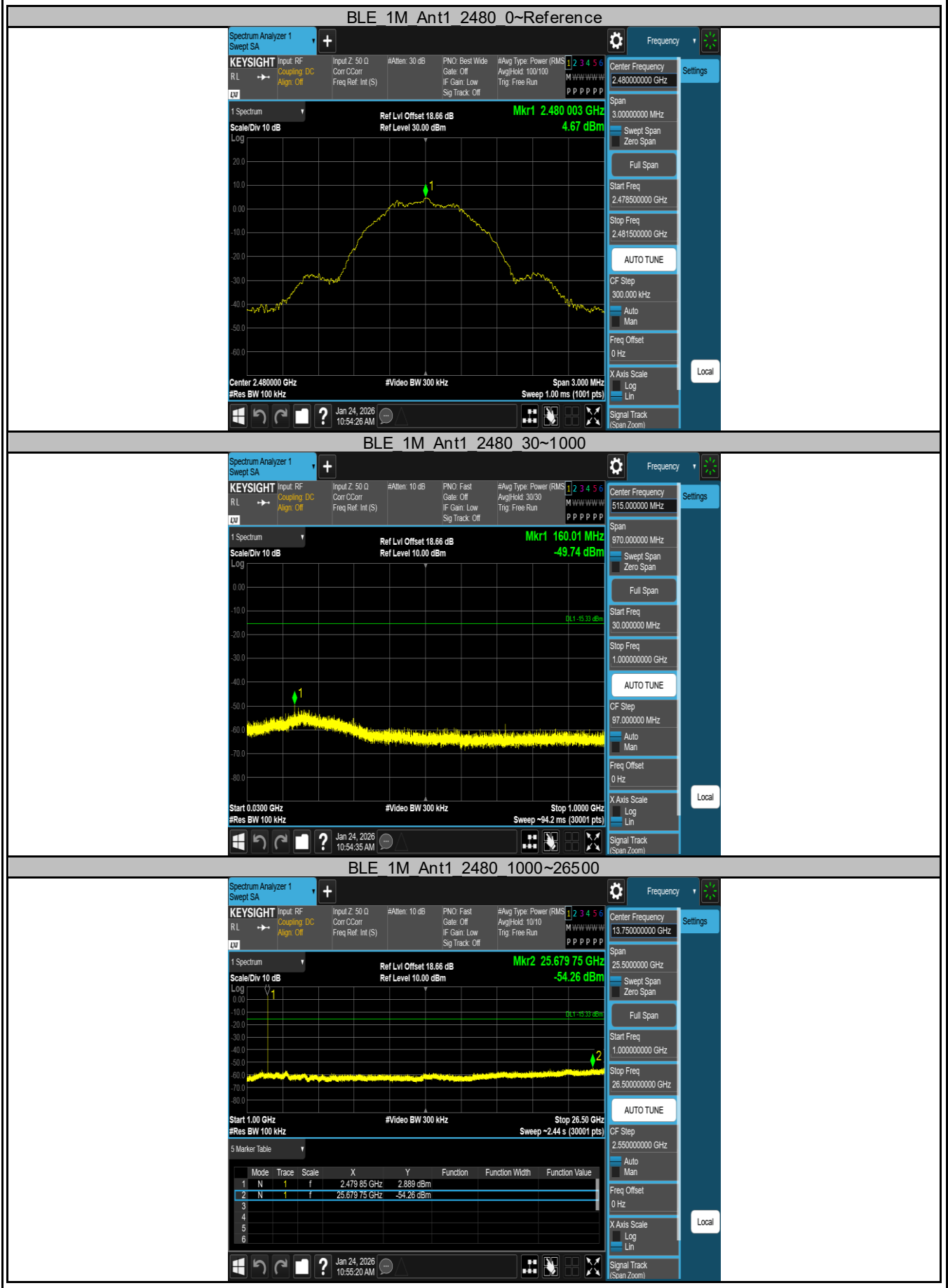
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	6.23	6.23	---	PASS
			30~1000	6.23	-50.1	≤-13.77	PASS
			1000~26500	6.23	-54.44	≤-13.77	PASS
		2440	Reference	5.43	5.43	---	PASS
			30~1000	5.43	-49.37	≤-14.57	PASS
			1000~26500	5.43	-50.13	≤-14.57	PASS
		2480	Reference	4.67	4.67	---	PASS
			30~1000	4.67	-49.74	≤-15.33	PASS
			1000~26500	4.67	-54.26	≤-15.33	PASS
BLE_2M	Ant1	2402	Reference	6.11	6.11	---	PASS
			30~1000	6.11	-49.72	≤-13.89	PASS
			1000~26500	6.11	-54.31	≤-13.89	PASS
		2440	Reference	5.44	5.44	---	PASS
			30~1000	5.44	-48.98	≤-14.56	PASS
			1000~26500	5.44	-53.83	≤-14.56	PASS
		2480	Reference	4.24	4.24	---	PASS
			30~1000	4.24	-49.69	≤-15.76	PASS
			1000~26500	4.24	-54.19	≤-15.76	PASS

Test Graphs













Appendix B.6: Test Results of Radiated Spurious Emissions

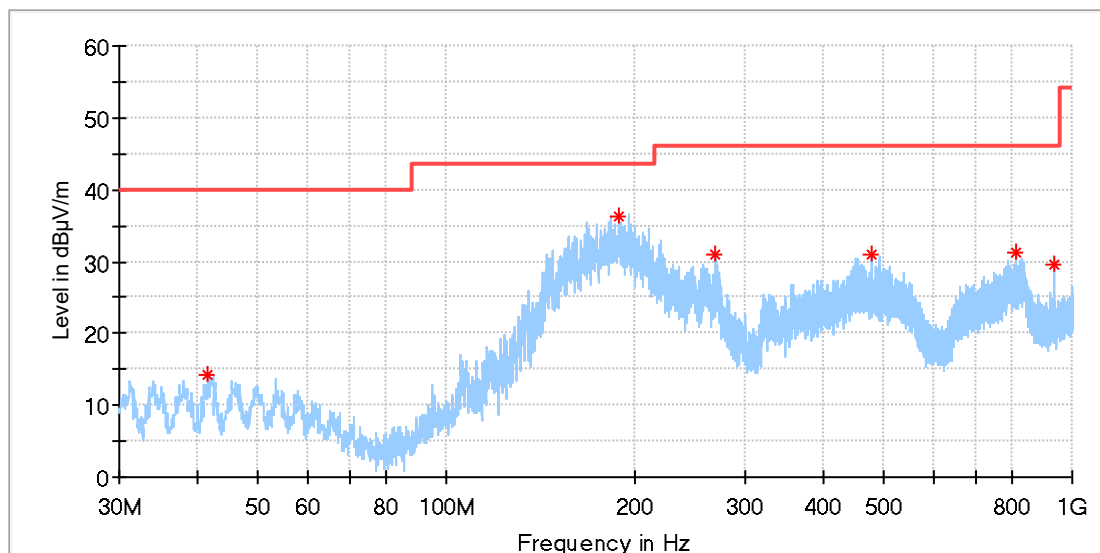
Note:

- 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.

30 MHz - 1GHz

EUT Information

EUT Name: WIFI+BT Module
Model: DT3QR1501
Test Mode: BLE 1M_Mid channel
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

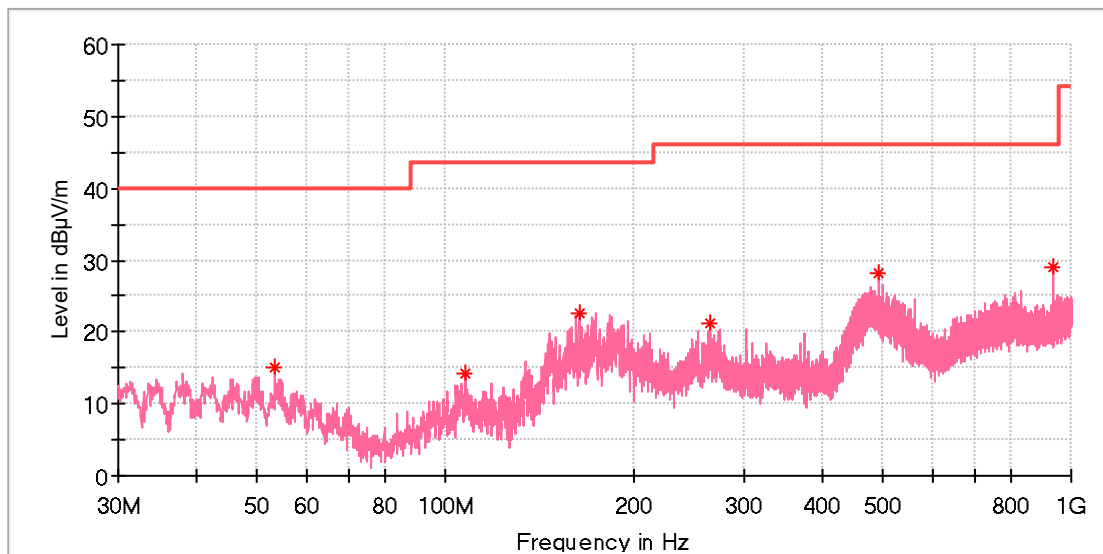
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
41.640000	14.13	40.00	25.87	100.0	H	42.0	-19.8
188.864444	36.39	43.50	7.11	100.0	H	199.0	-19.7
269.697778	30.88	46.00	15.12	100.0	H	25.0	-17.0
476.685000	31.00	46.00	15.00	100.0	H	25.0	-12.2
814.029444	31.39	46.00	14.61	100.0	H	185.0	-5.9
937.542778	29.55	46.00	16.45	100.0	H	50.0	-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 Name: WIFI+BT Module
Model: DT3QR1501
Test Mode: BLE 1M_Mid channel
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)
53.280000	15.12	40.00	24.88	100.0	V	233.0	-18.5
107.492222	14.30	43.50	29.20	100.0	V	122.0	-19.1
164.398889	22.74	43.50	20.76	100.0	V	282.0	-21.6
264.793889	21.15	46.00	24.85	100.0	V	0.0	-17.0
490.911667	28.07	46.00	17.93	100.0	V	211.0	-12.0
937.542778	29.16	46.00	16.84	100.0	V	145.0	-4.4

Final_Result

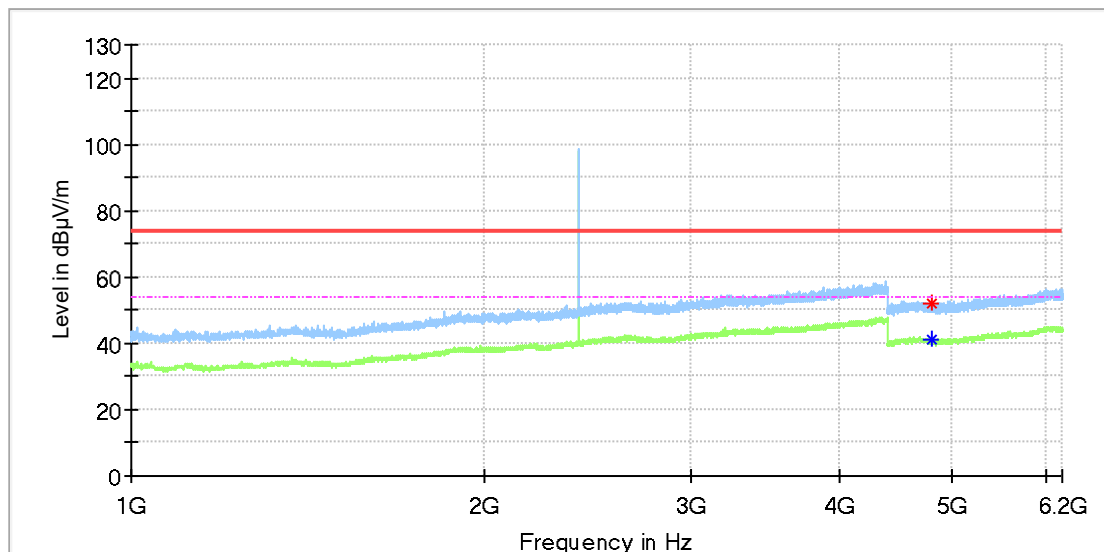
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

1GHz - 18GHz

Note: The highest waveform in the figure is Bluetooth Fundamental.

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BLE 1M_Low channel
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

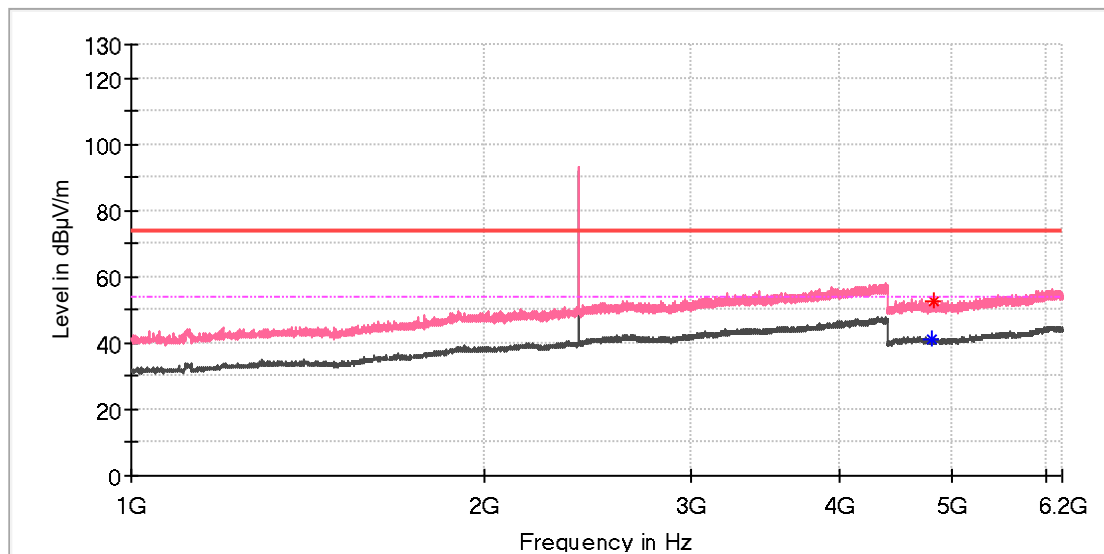
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4804.500000	---	41.38	54.00	12.62	150.0	H	136.0	13.3
4809.000000	52.26	---	74.00	21.74	150.0	H	313.0	13.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.0-93.1	93.0-93.1	93.0-93.1	93.0-93.1	93.0-93.1	93.0-93.1		93.0-93.1	

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BLE 1M_Low channel
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

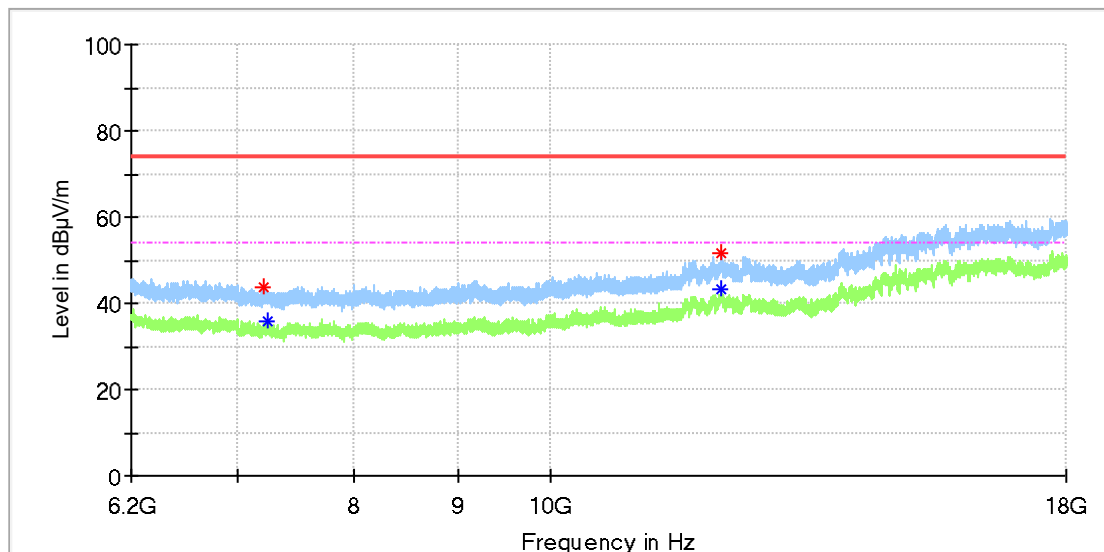
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4805.000000	---	41.05	54.00	12.95	150.0	V	256.0	13.3
4812.000000	52.40	---	74.00	21.60	150.0	V	274.0	13.3

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:	BLE 1M_Low channel
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

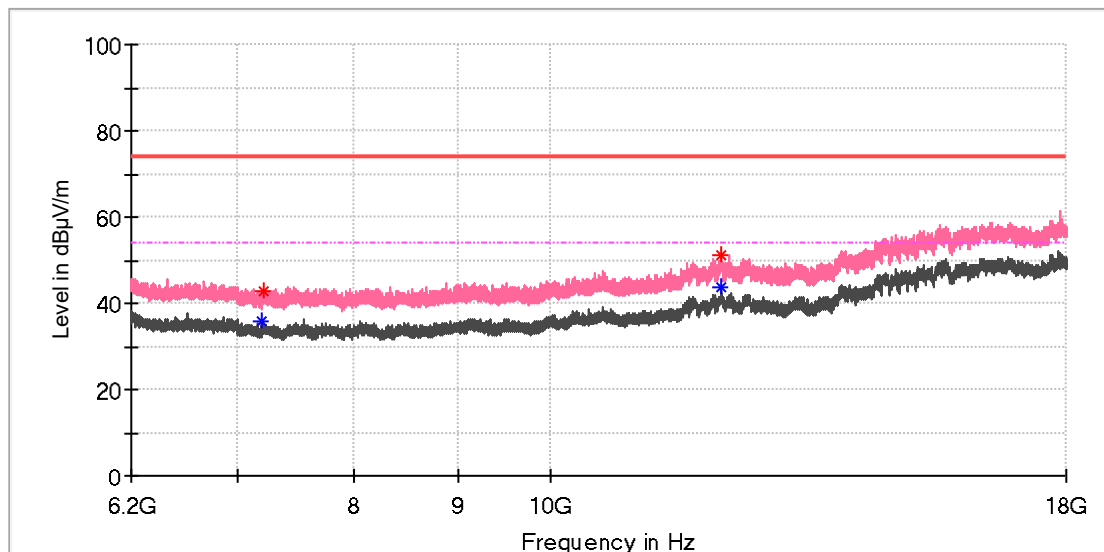
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7213.816667	43.54	---	74.00	30.46	150.0	H	188.0	8.7
7244.791667	---	35.81	54.00	18.19	150.0	H	266.0	8.6
12139.333333	---	43.11	54.00	10.89	150.0	H	321.0	16.5
12147.691667	51.56	---	74.00	22.44	150.0	H	70.0	16.7

Final_Result

[illegible]

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BLE 1M_Low channel
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)
7196.116667	---	35.59	54.00	18.41	150.0	V	177.0	8.8
7211.850000	42.98	---	74.00	31.02	150.0	V	211.0	8.7
12139.825000	---	43.90	54.00	10.10	150.0	V	280.0	16.5
12147.691667	51.38	---	74.00	22.62	150.0	V	232.0	16.7

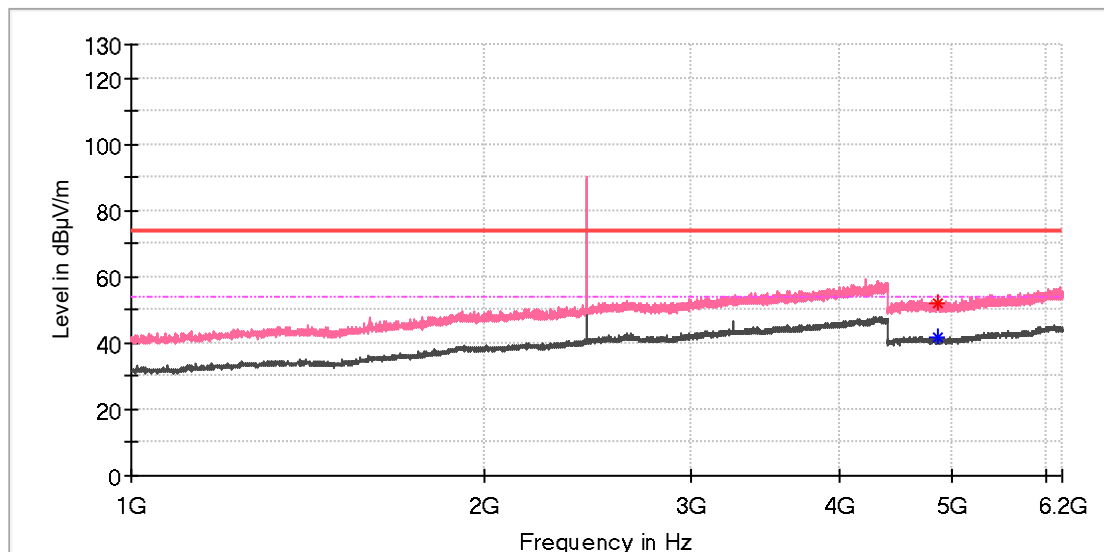
Final_Result

[illegible]

EUT Information

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BLE 1M_Mid channel
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

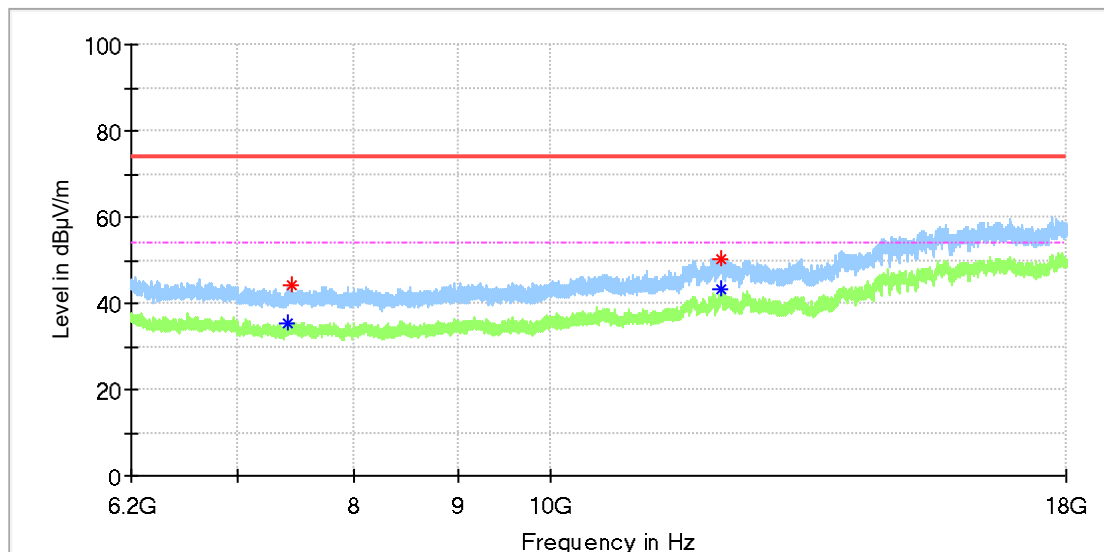
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4851.500000	---	41.74	54.00	12.26	150.0	V	89.0	13.3
4854.500000	52.20	---	74.00	21.80	150.0	V	101.0	13.3

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:	BLE 1M_Mid channel
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

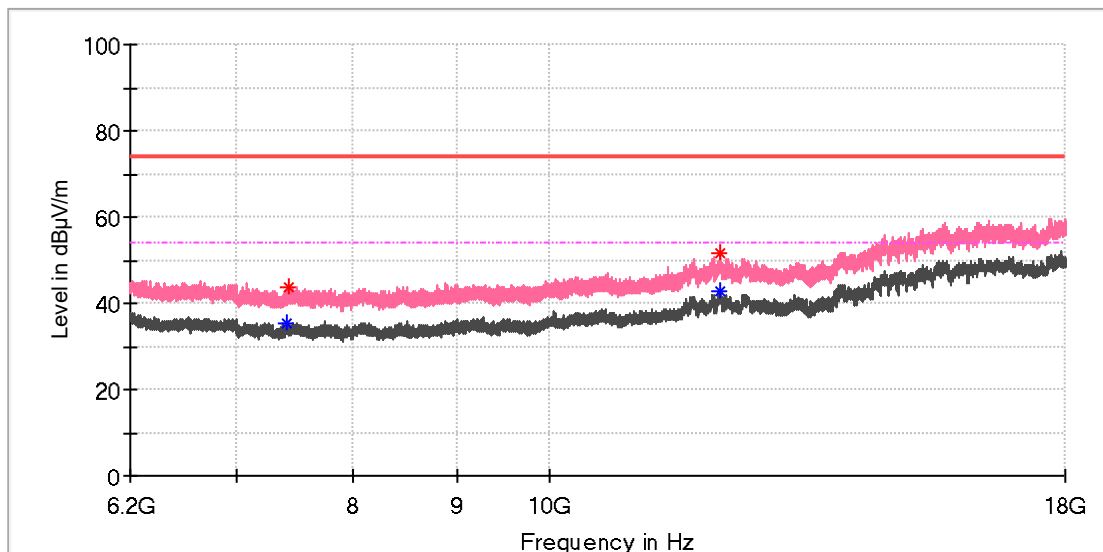
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7404.091667	---	35.50	54.00	18.50	150.0	H	279.0	8.3
7442.441667	44.33	---	74.00	29.67	150.0	H	0.0	8.4
12140.316667	50.38	---	74.00	23.62	150.0	H	334.0	16.5
12150.641667	---	43.08	54.00	10.92	150.0	H	269.0	16.7

Final_Result

[illegible]

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BLE 1M_Mid channel
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)
7418.841667	---	35.27	54.00	18.73	150.0	V	78.0	8.4
7422.775000	43.53	---	74.00	30.47	150.0	V	182.0	8.4
12151.625000	---	42.84	54.00	11.16	150.0	V	104.0	16.6
12157.525000	51.44	---	74.00	22.56	150.0	V	252.0	16.3

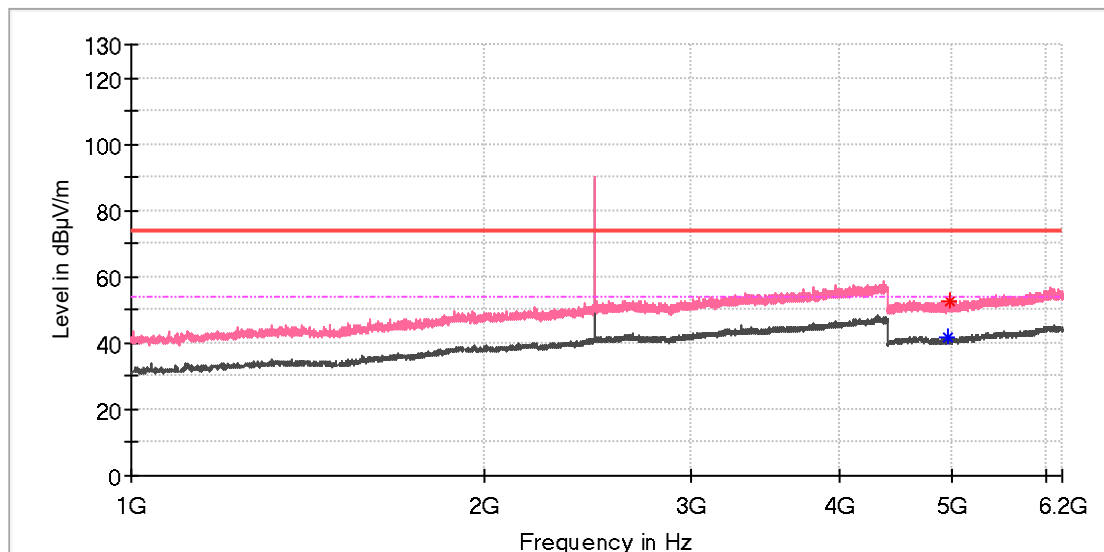
Final_Result

[illegible]

EUT Information

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BLE 1M_High channel
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

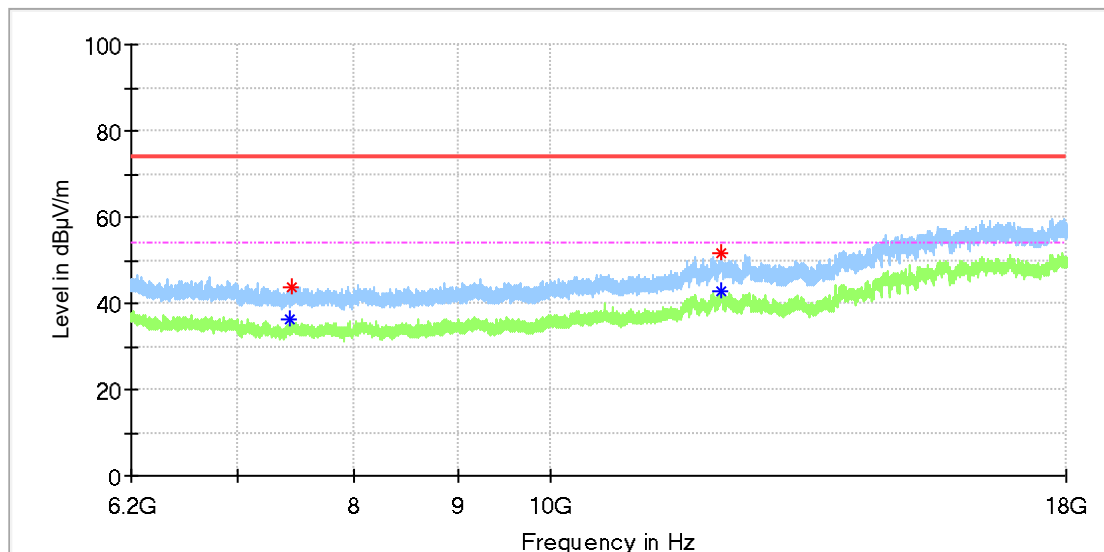
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4958.000000	---	41.50	54.00	12.50	150.0	V	37.0	13.3
4965.500000	52.47	---	74.00	21.53	150.0	V	104.0	13.3

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:	BLE 1M_High channel
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

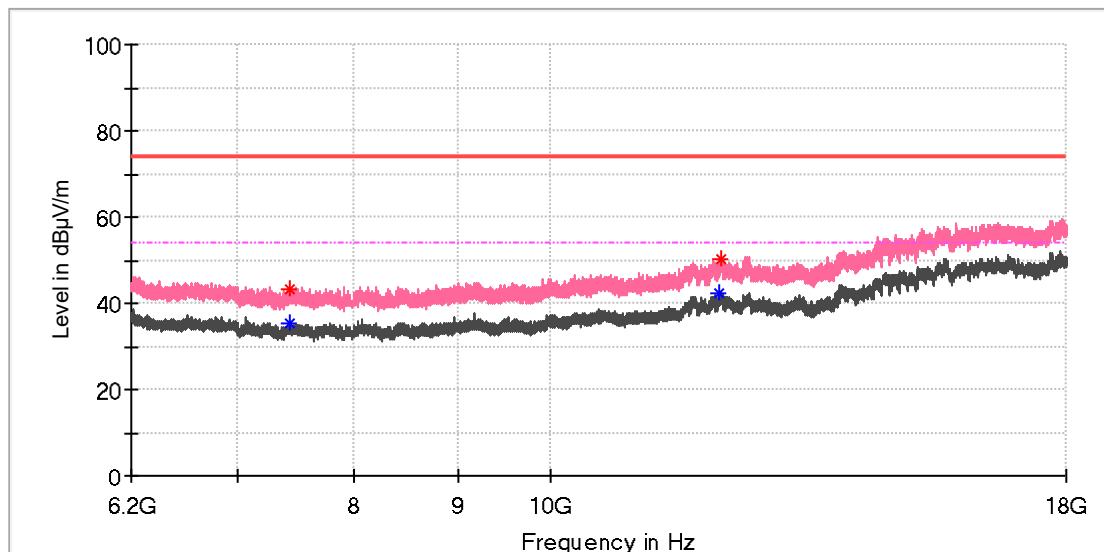
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7426.216667	---	36.09	54.00	17.91	150.0	H	239.0	8.4
7438.508333	43.93	---	74.00	30.07	150.0	H	93.0	8.4
12144.250000	---	42.67	54.00	11.33	150.0	H	0.0	16.6
12147.200000	51.42	---	74.00	22.58	150.0	H	104.0	16.7

Final_Result

[illegible]

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3QR1501
Test Mode:	BLE 1M_High channel
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)
7424.250000	43.38	---	74.00	30.62	150.0	V	95.0	8.4
7425.233333	---	35.24	54.00	18.76	150.0	V	95.0	8.4
12126.550000	---	42.55	54.00	11.45	150.0	V	47.0	16.1
12148.675000	50.17	---	74.00	23.83	150.0	V	95.0	16.7

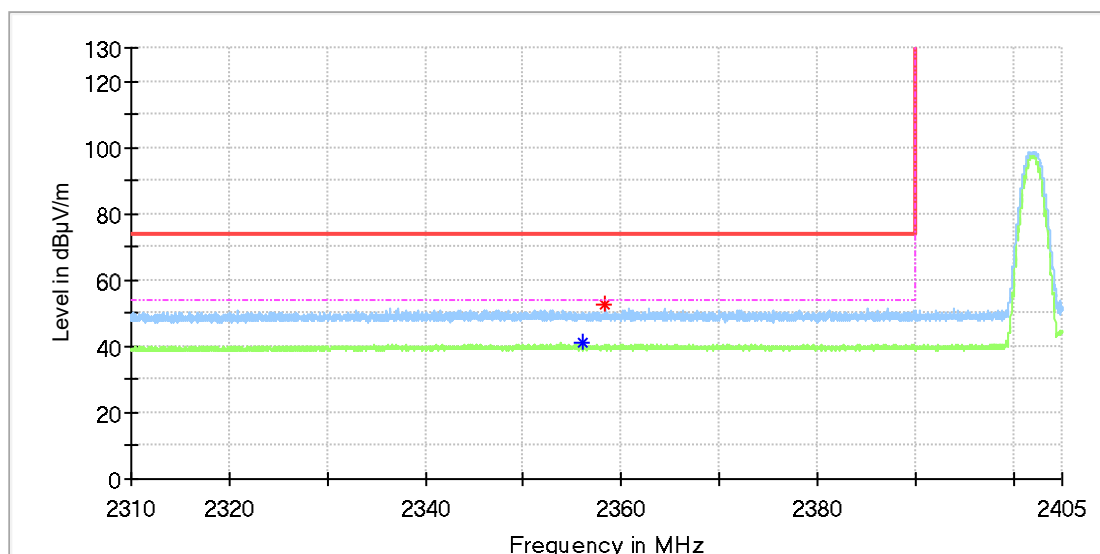
Final_Result

[illegible]

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

EUT Information

EUT Name:	WiFi+BT Module
Model:	DT3QR1501
Test Mode:	BLE 1M_Low channel
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

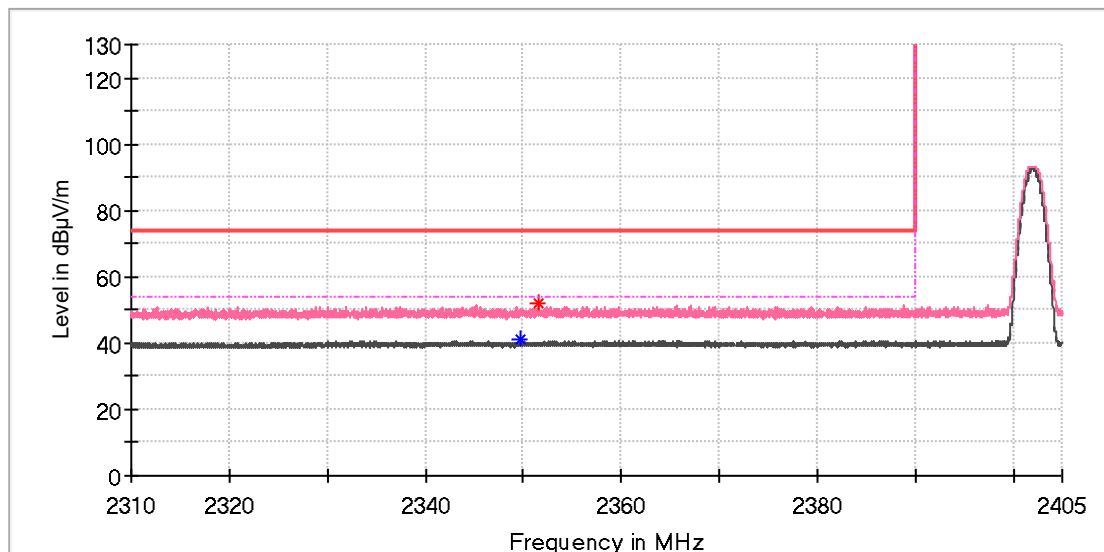
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2356.031177	---	40.96	54.00	13.04	150.0	H	0.0	8.5
2358.409118	52.38	---	74.00	21.62	150.0	H	130.0	8.5

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:	BLE 1M_Low channel
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

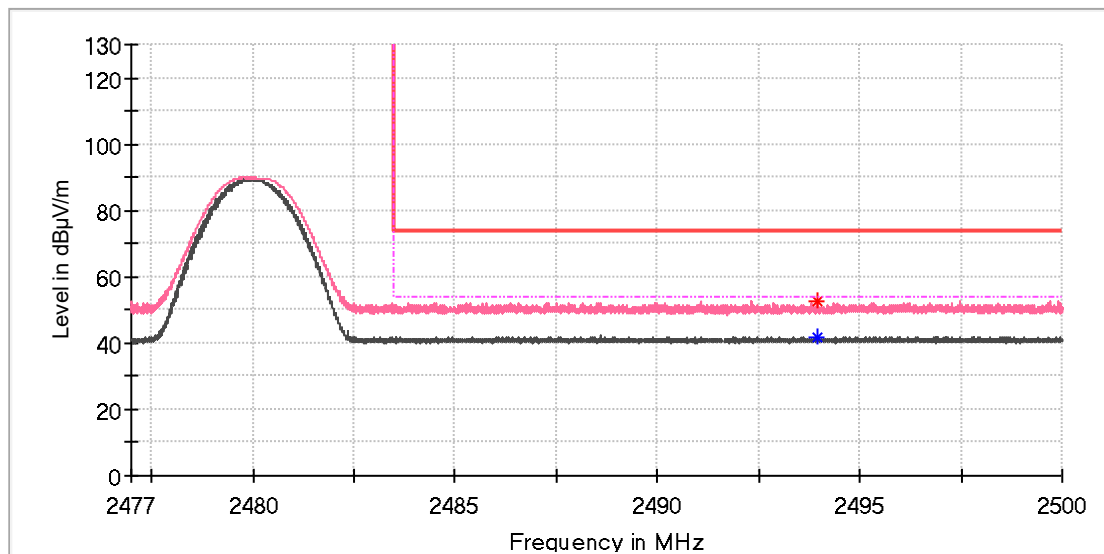
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2349.819706	---	40.92	54.00	13.08	150.0	V	78.0	8.5
2351.491471	51.96	---	74.00	22.04	150.0	V	258.0	8.5

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.5-93.7	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:	BLE 1M_High channel
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

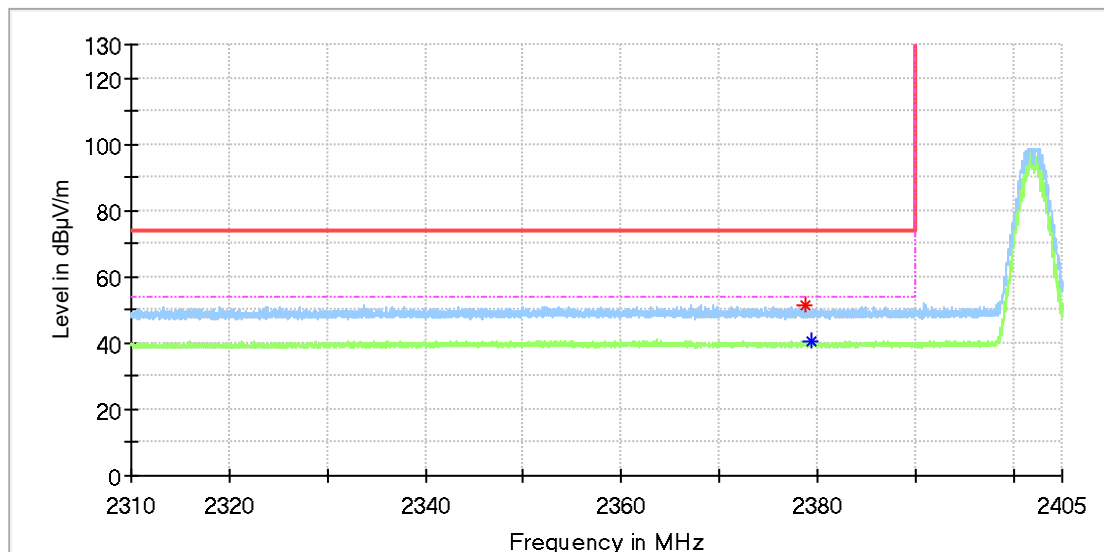
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2493.930147	---	41.60	54.00	12.40	150.0	V	289.0	9.0
2493.930147	52.65	---	74.00	21.35	150.0	V	289.0	9.0

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:	BLE 2M_Low channel
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

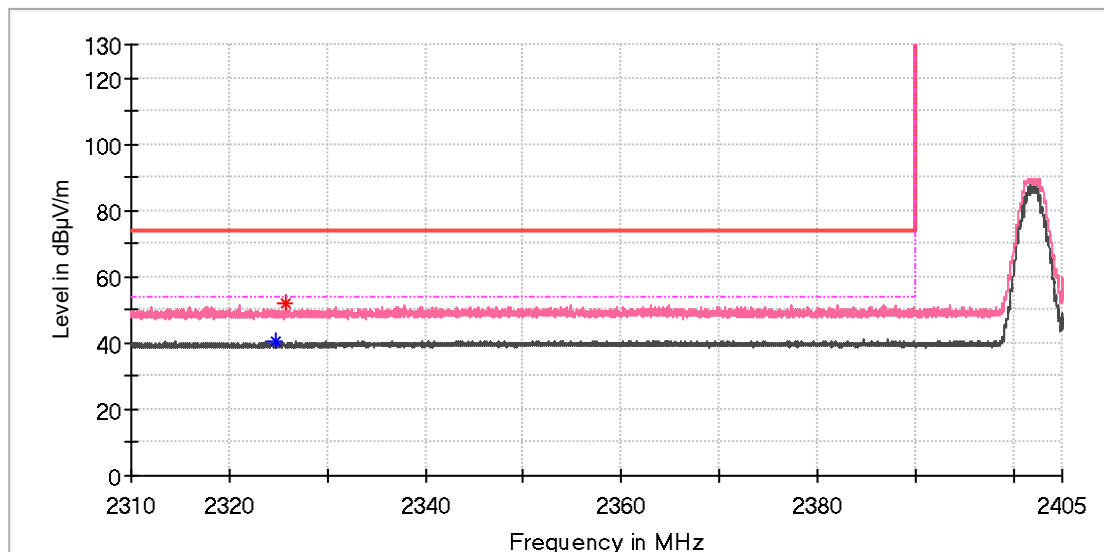
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2378.873824	51.34	---	74.00	22.66	150.0	H	291.0	8.5
2379.392647	---	40.22	54.00	13.78	150.0	H	346.0	8.5

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:	BLE 2M_Low channel
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

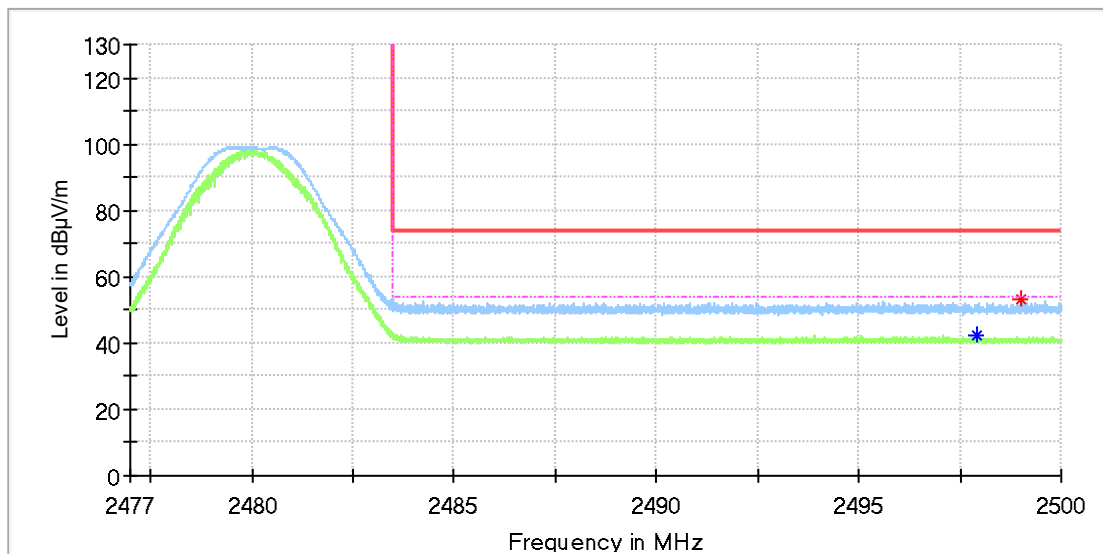
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2324.671177	---	40.29	54.00	13.71	150.0	V	160.0	8.2
2325.780882	51.75	---	74.00	22.25	150.0	V	13.0	8.3

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:	BLE 2M_High channel
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

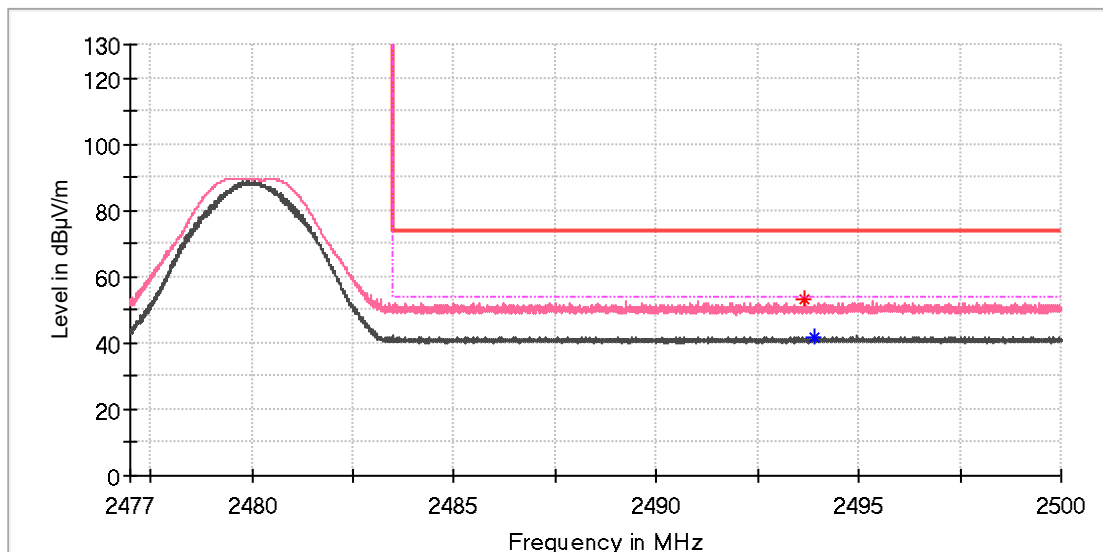
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2497.930147	---	42.17	54.00	11.83	150.0	H	29.0	9.0
2499.014706	52.96	---	74.00	21.04	150.0	H	270.0	9.0

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:	BLE 2M_High channel
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)
2493.665441	53.09	---	74.00	20.91	150.0	V	15.0	9.0
2493.904412	---	41.65	54.00	12.35	150.0	V	113.0	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	