

Appendix B: Test Results of Bluetooth LE

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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	0.692	2401.628	2402.320	0.5	PASS
		2440	0.656	2439.656	2440.312	0.5	PASS
		2480	0.704	2479.624	2480.328	0.5	PASS
BLE_2M	Ant1	2402	1.372	2401.304	2402.676	0.5	PASS
		2440	1.184	2439.400	2440.584	0.5	PASS
		2480	1.360	2479.308	2480.668	0.5	PASS

Test Graphs





BLE 2M Ant1 2402



BLE 2M Ant1 2440



BLE 2M Ant1 2480



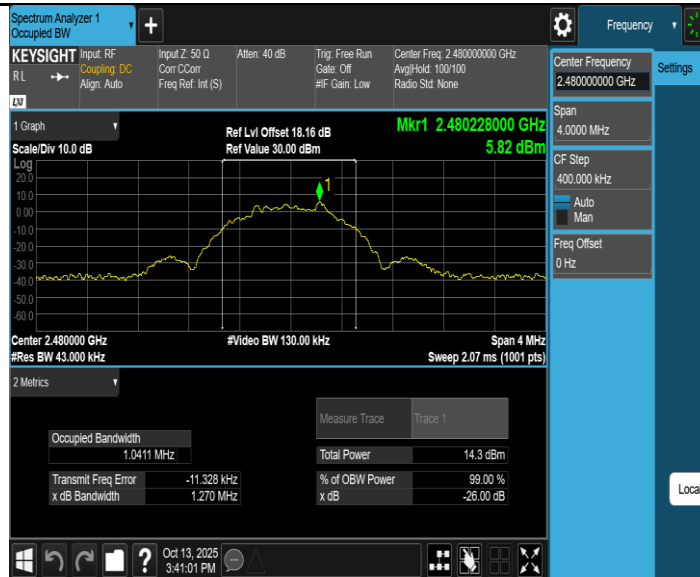
Appendix B.2: Test Results of 99% Bandwidth

Test Result

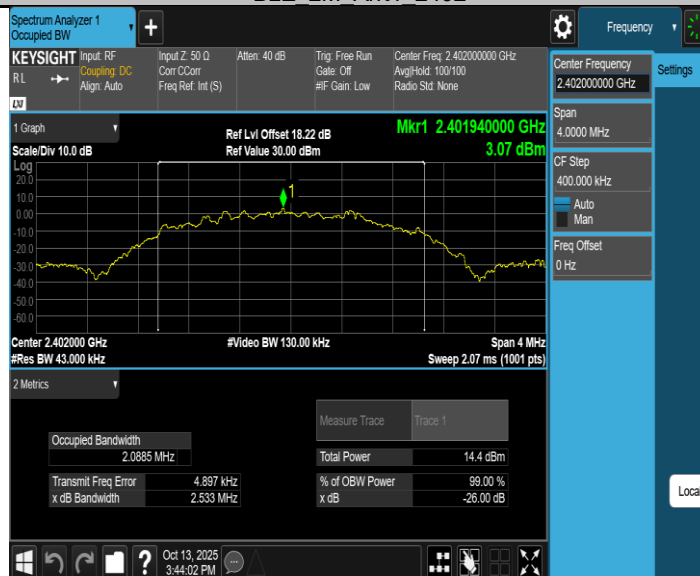
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0416	2401.4700	2402.5116	---	PASS
		2440	1.0496	2439.4628	2440.5124	---	PASS
		2480	1.0411	2479.4681	2480.5092	---	PASS
BLE_2M	Ant1	2402	2.0885	2400.9607	2403.0492	---	PASS
		2440	2.1015	2438.9558	2441.0573	---	PASS
		2480	2.0919	2478.9547	2481.0466	---	PASS

Test Graphs

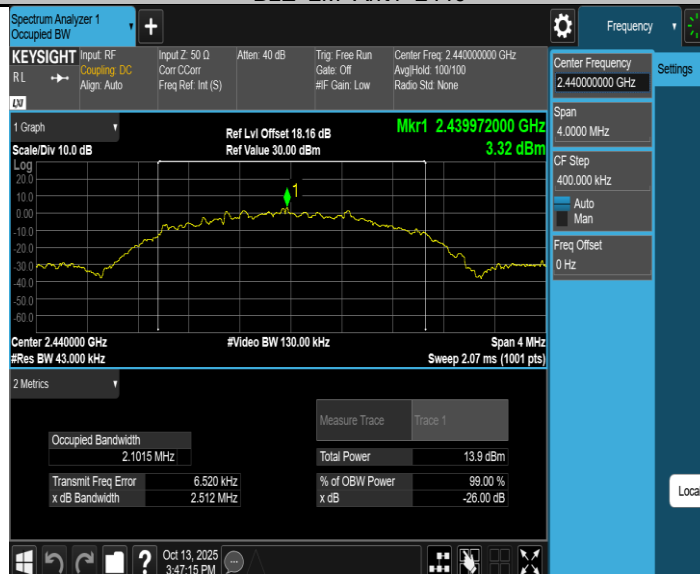




BLE 2M Ant1 2402



BLE 2M Ant1 2440



BLE 2M Ant1 2480

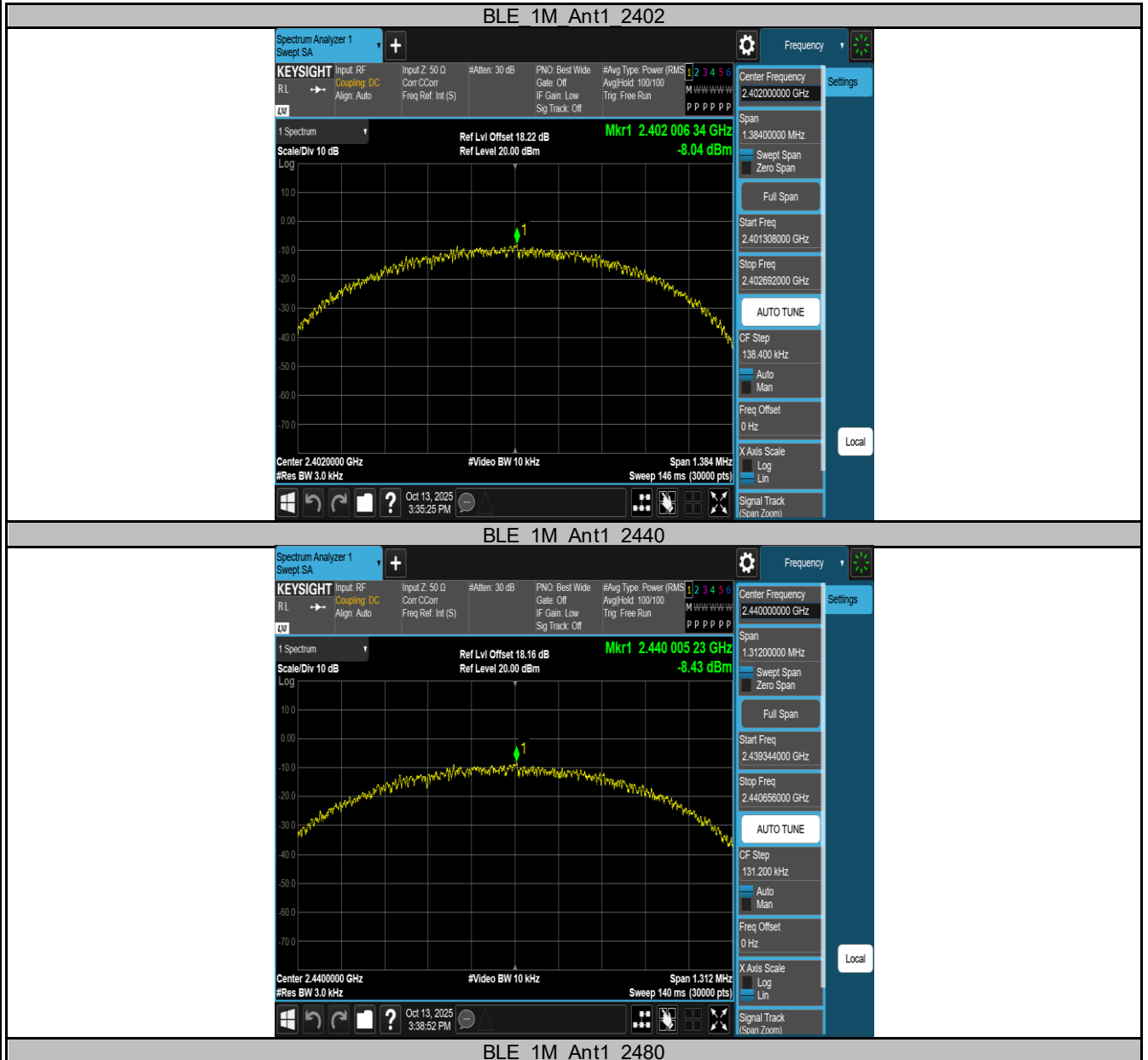


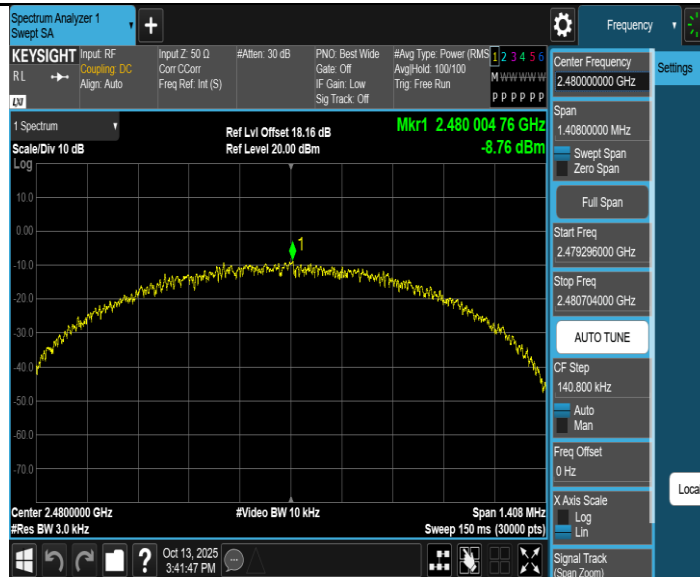
Appendix B.3: Test Results of Conducted Power Spectral Density

Test Result

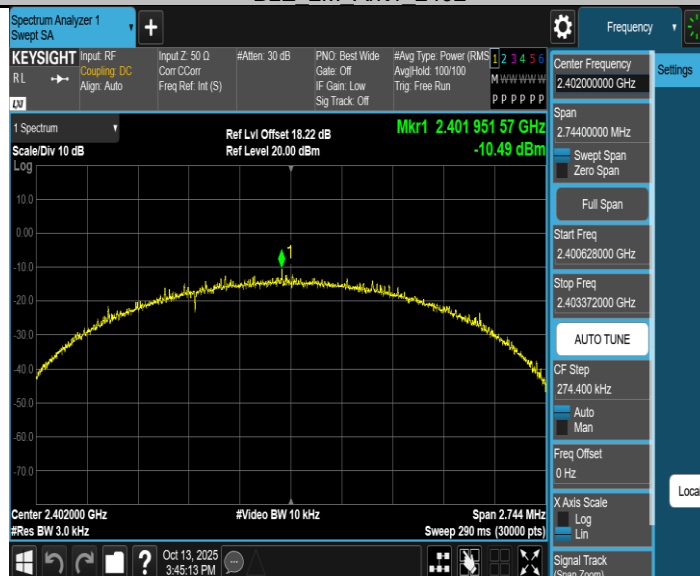
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-8.04	≤8.00	PASS
		2440	-8.43	≤8.00	PASS
		2480	-8.76	≤8.00	PASS
BLE_2M	Ant1	2402	-10.49	≤8.00	PASS
		2440	-10.80	≤8.00	PASS
		2480	-11.07	≤8.00	PASS

Test Graphs





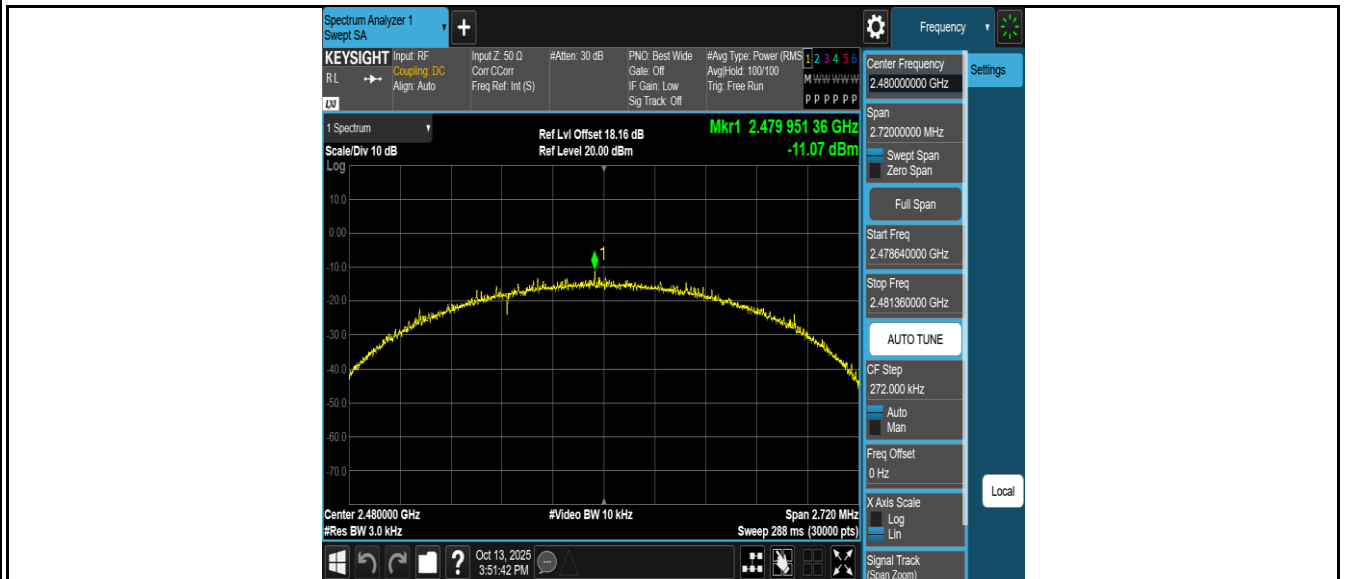
BLE 2M Ant1 2402



BLE 2M Ant1 2440



BLE 2M Ant1 2480



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	7.15	-45.92	≤-12.85	PASS
		High	2480	6.48	-42.87	≤-13.52	PASS
BLE_2M	Ant1	Low	2402	7.08	-24.54	≤-12.92	PASS
		High	2480	6.10	-46.28	≤-13.90	PASS

Test Graphs





BLE 2M Ant1 High 2480

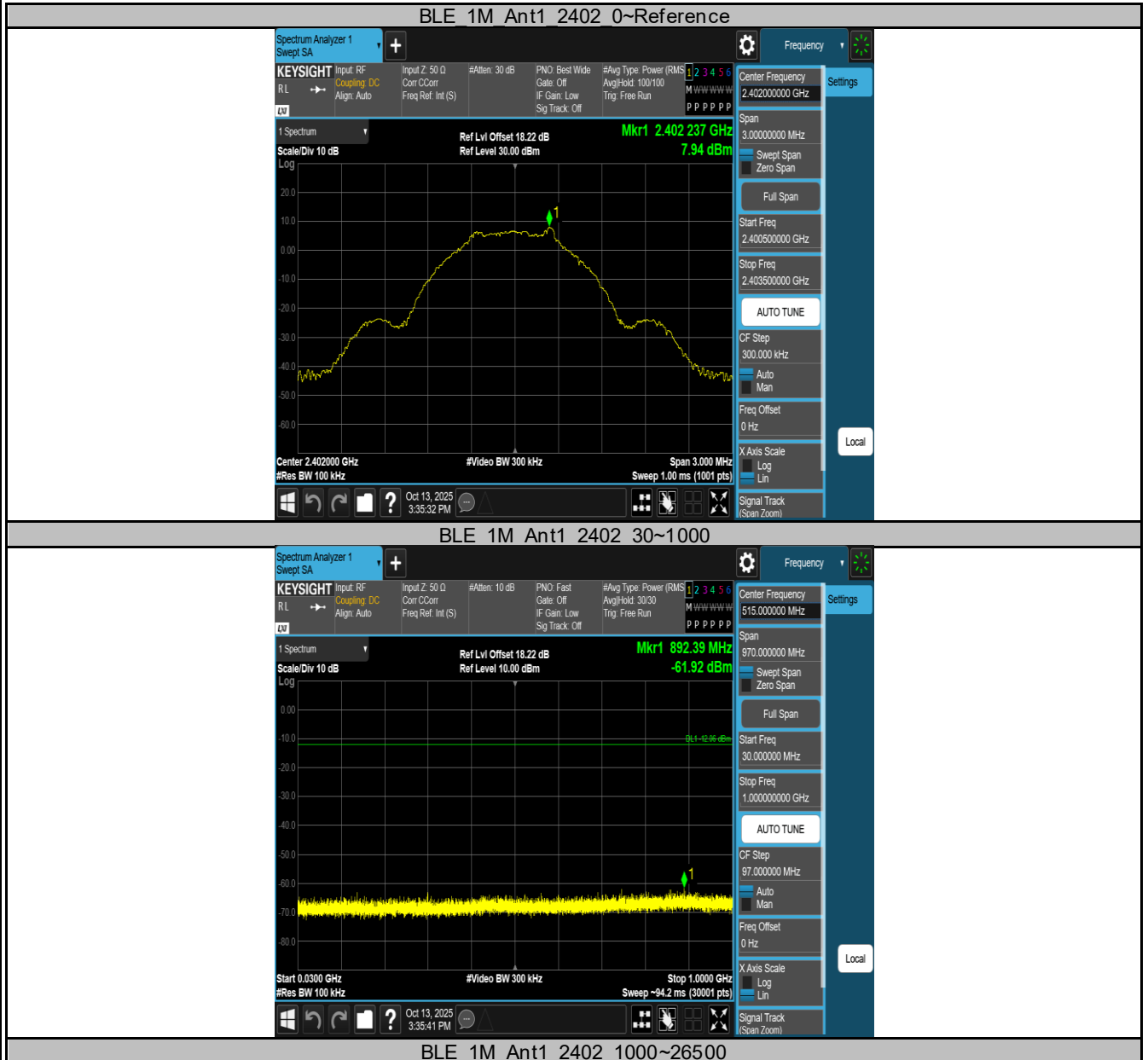


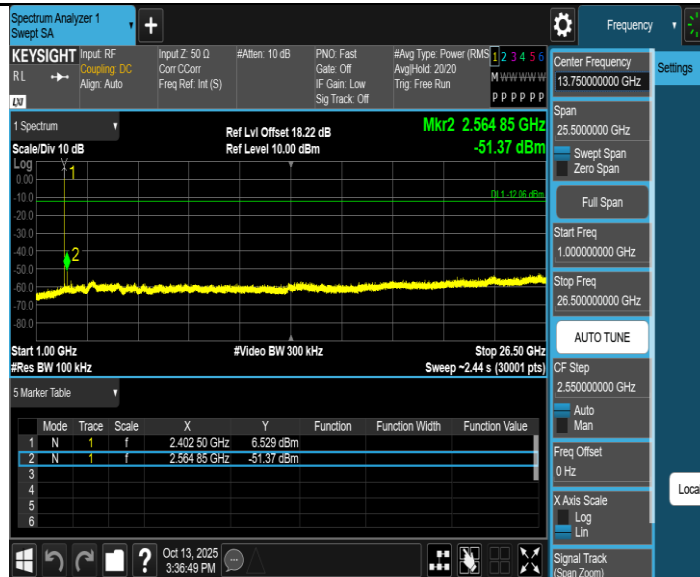
Appendix B.5: Test Results of Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	7.94	7.94	---	PASS
			30~1000	7.94	-61.92	≤-12.06	PASS
			1000~26500	7.94	-51.37	≤-12.06	PASS
		2440	Reference	6.81	6.81	---	PASS
			30~1000	6.81	-61.44	≤-13.19	PASS
			1000~26500	6.81	-52.93	≤-13.19	PASS
		2480	Reference	6.42	6.42	---	PASS
			30~1000	6.42	-62.32	≤-13.58	PASS
			1000~26500	6.42	-53.01	≤-13.58	PASS
BLE_2M	Ant1	2402	Reference	6.86	6.86	---	PASS
			30~1000	6.86	-61.6	≤-13.14	PASS
			1000~26500	6.86	-51.42	≤-13.14	PASS
		2440	Reference	6.70	6.70	---	PASS
			30~1000	6.70	-61.83	≤-13.3	PASS
			1000~26500	6.70	-53.21	≤-13.3	PASS
		2480	Reference	6.17	6.17	---	PASS
			30~1000	6.17	-61.79	≤-13.83	PASS
			1000~26500	6.17	-53.05	≤-13.83	PASS

Test Graphs

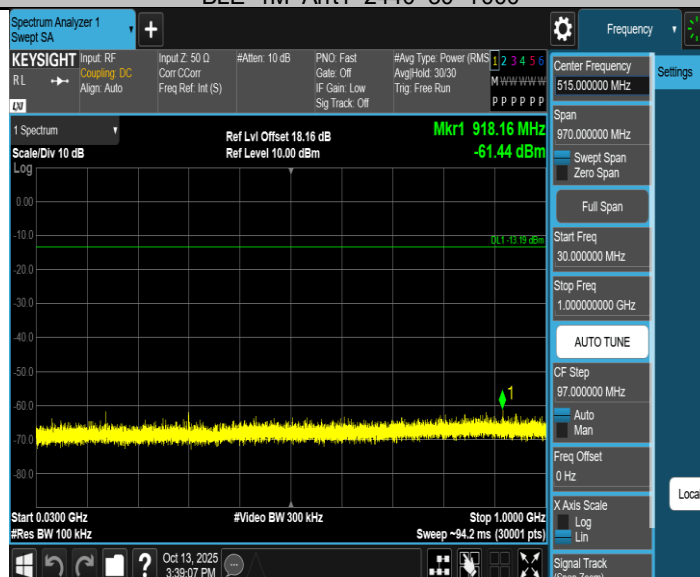




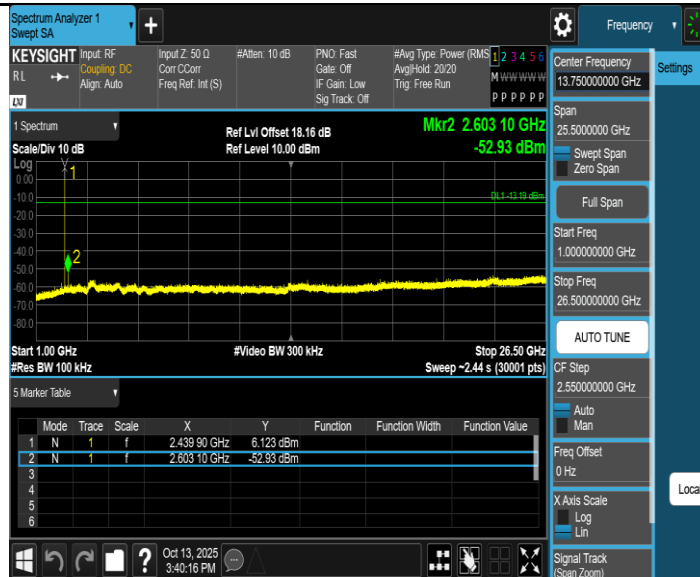
BLE 1M Ant1 2440 0~Reference



BLE 1M Ant1 2440 30~1000



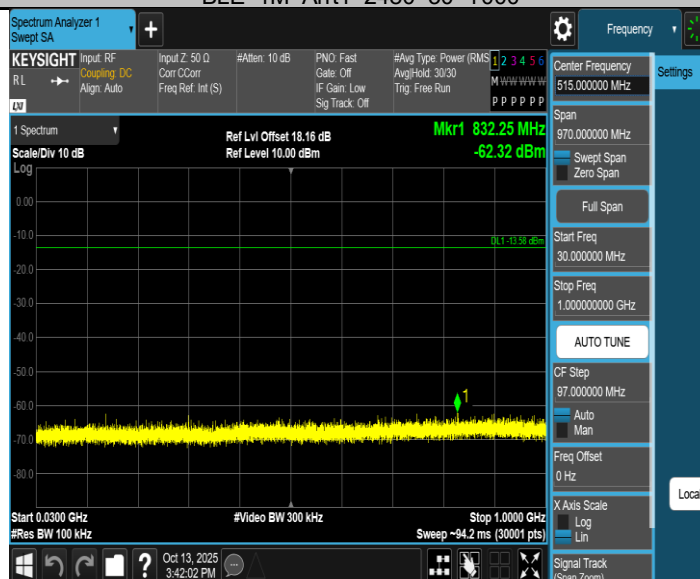
BLE 1M Ant1 2440 1000~26500



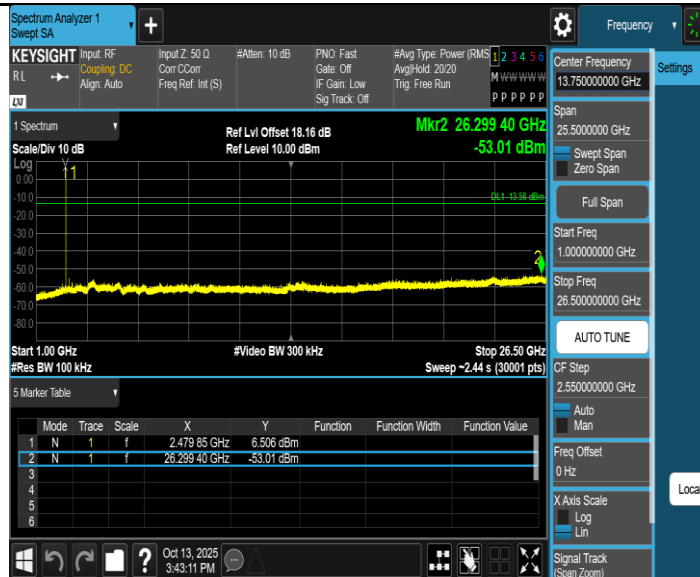
BLE 1M Ant1 2480 0~Reference



BLE 1M Ant1 2480 30~1000



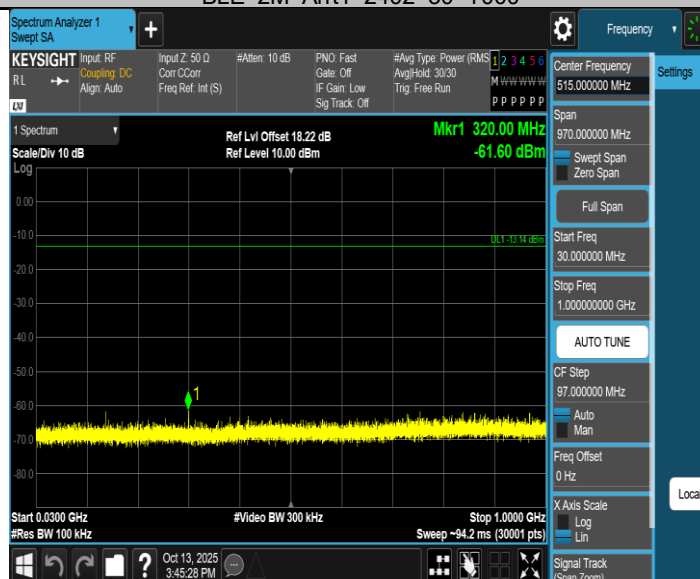
BLE 1M Ant1 2480 1000~26500



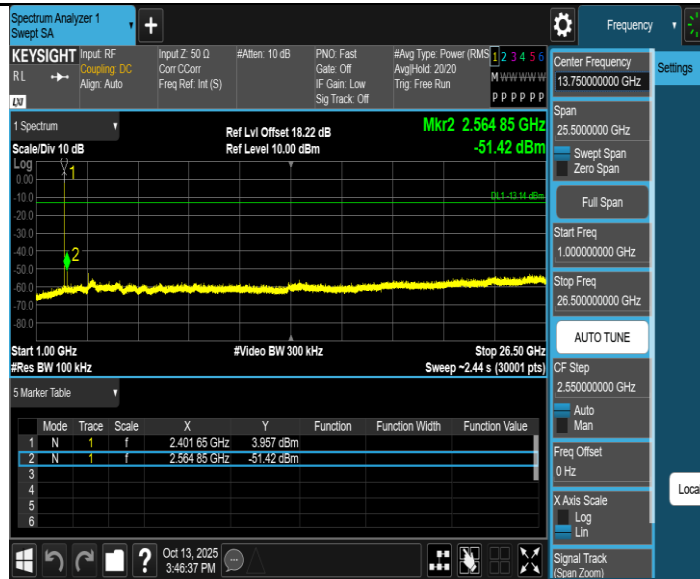
BLE 2M Ant1 2402 0~Reference



BLE 2M Ant1 2402 30~1000



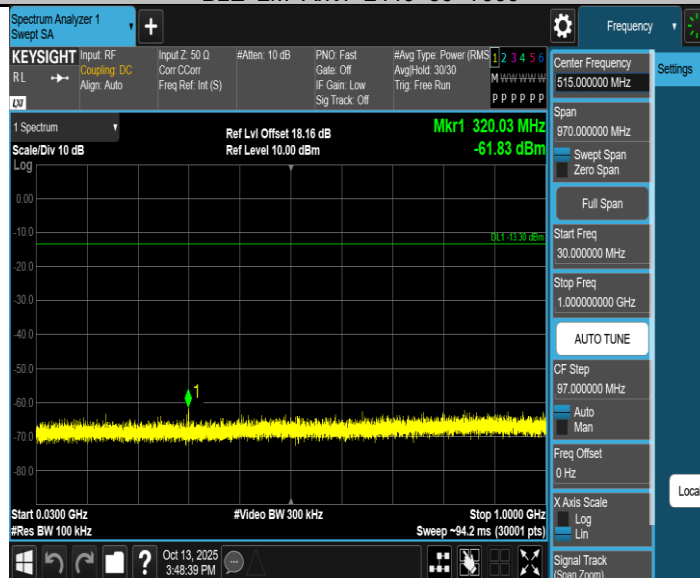
BLE 2M Ant1 2402 1000~26500



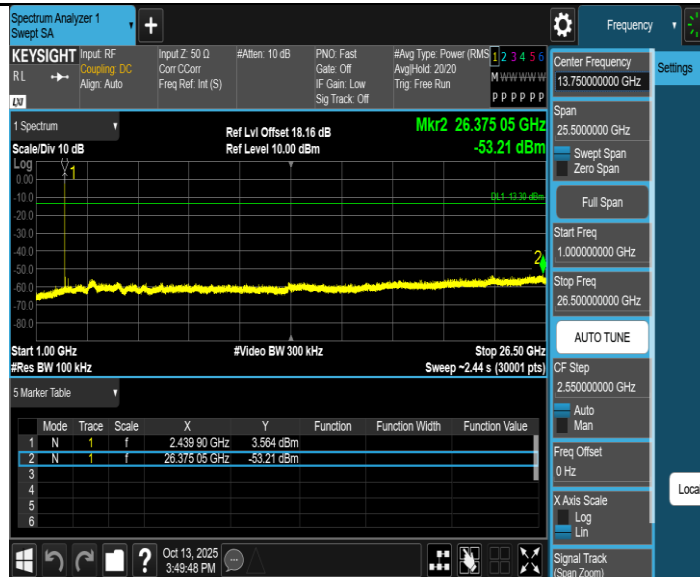
BLE 2M Ant1 2440 0~Reference



BLE 2M Ant1 2440 30~1000



BLE 2M Ant1 2440 1000~26500



BLE 2M Ant1 2480 0~Reference



BLE 2M Ant1 2480 30~1000



BLE 2M Ant1 2480 1000~26500



Appendix B.6: Test Results of Radiated Spurious Emissions

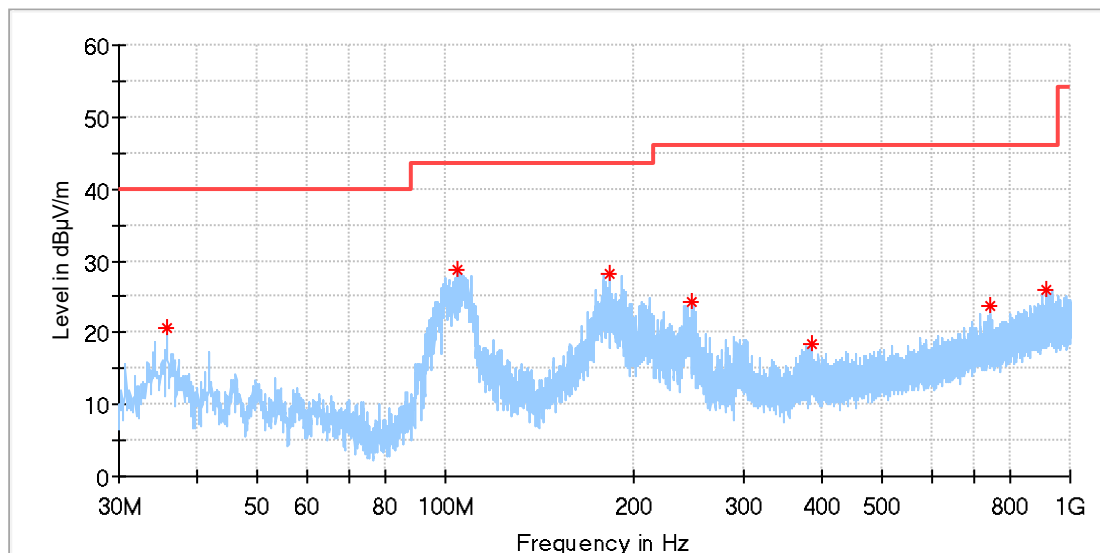
Note:

- 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:	WKXT0QM2511
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

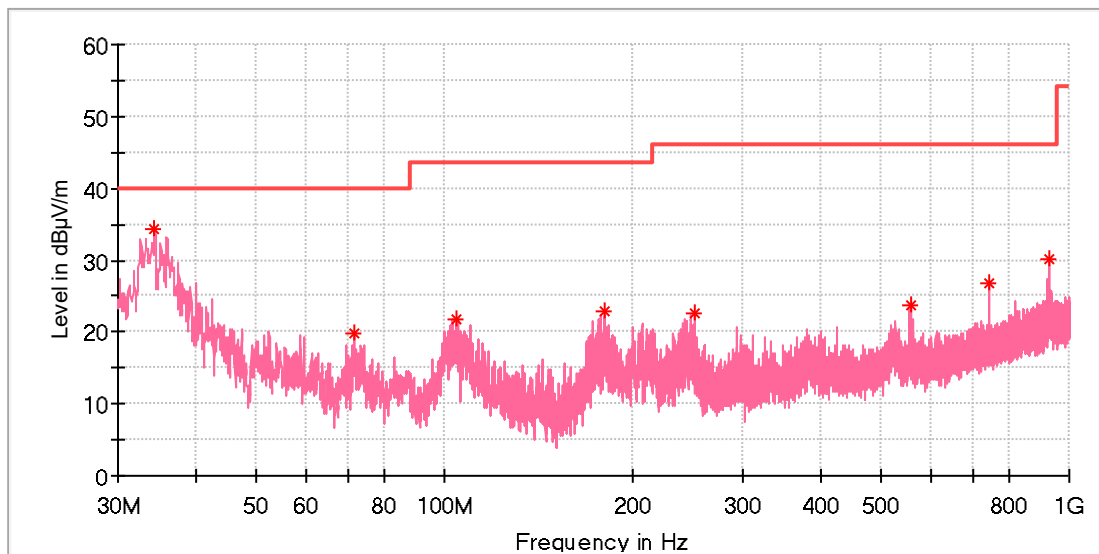
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
35.857308	20.65	40.00	19.35	100.0	H	79.0	-21.6
104.839231	28.81	43.50	14.69	100.0	H	198.0	-18.9
183.483846	28.27	43.50	15.23	100.0	H	15.0	-20.2
248.063462	24.27	46.00	21.73	100.0	H	242.0	-17.4
385.281154	18.39	46.00	27.61	100.0	H	337.0	-14.1
742.539615	23.70	46.00	22.30	100.0	H	111.0	-7.2
912.401539	25.88	46.00	20.12	100.0	H	242.0	-4.7

Final Result

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

EUT Name: WIFI+BT Module
Model: WKXT0QM2511
Test Mode: BLE 1M_Mid channel
Order No/Sample No: 168570821/A004089979-001
Test Voltage: DC 5V From USB
Remark: Temp 23 Humi:56%
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)
34.365000	34.33	40.00	5.67	100.0	V	245.0	-22.2
71.859231	19.84	40.00	20.16	100.0	V	175.0	-22.5
104.839231	21.90	43.50	21.60	100.0	V	93.0	-18.9
180.835000	22.93	43.50	20.57	100.0	V	255.0	-20.5
251.756923	22.57	46.00	23.43	100.0	V	93.0	-17.3
559.060385	23.78	46.00	22.22	100.0	V	214.0	-10.6
742.502308	26.87	46.00	19.13	100.0	V	340.0	-7.2
926.503846	30.08	46.00	15.92	100.0	V	93.0	-4.5

Final_Result

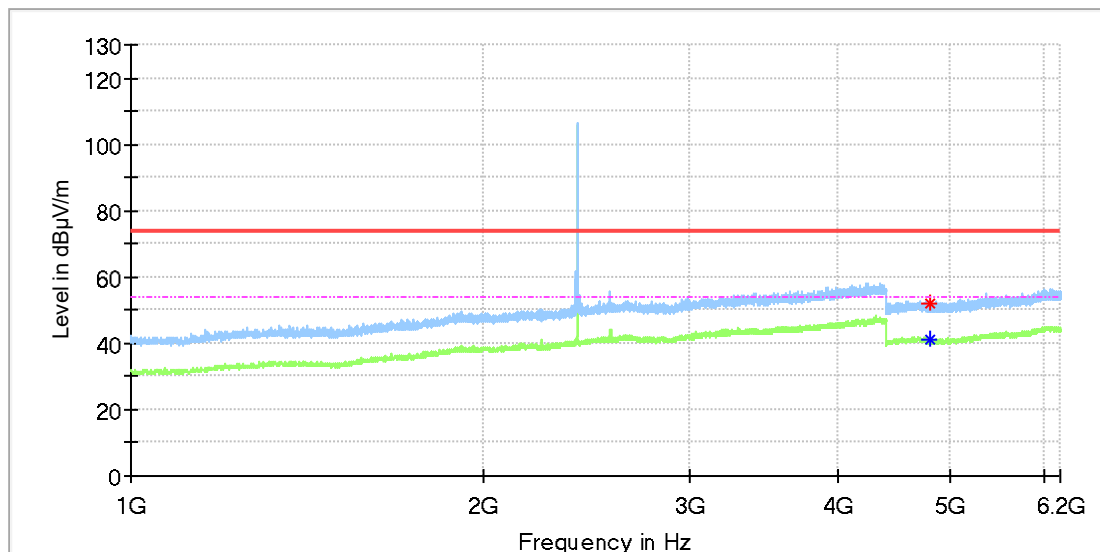
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
--	--	--	--	--	--	--	--

1GHz - 18GHz

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

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

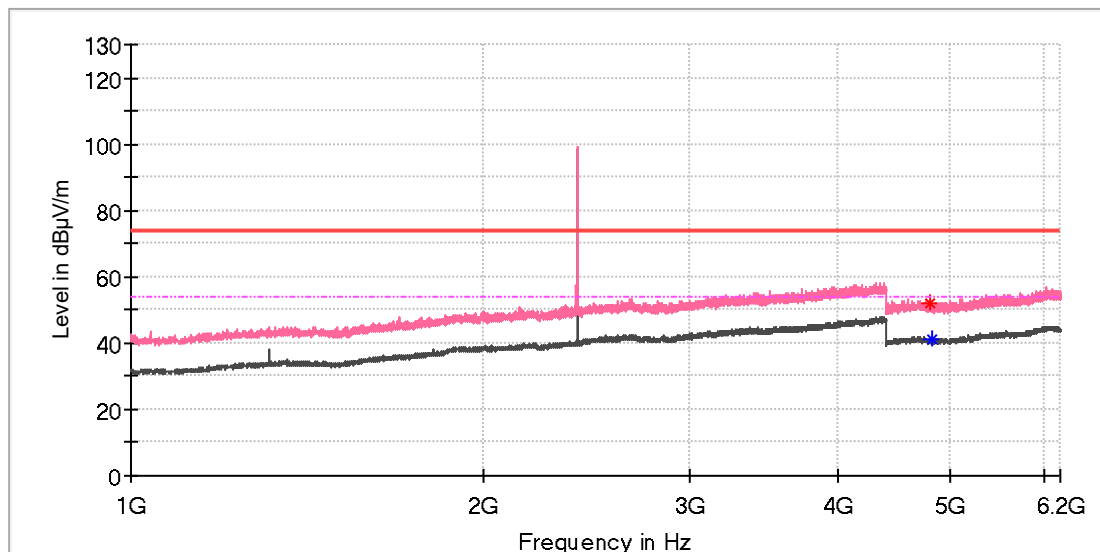
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4799.500000	52.25	---	74.00	21.75	150.0	H	73.0	13.3
4809.500000	---	40.97	54.00	13.03	150.0	H	60.0	13.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.5-93.7	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:	WKXT0QM2511
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

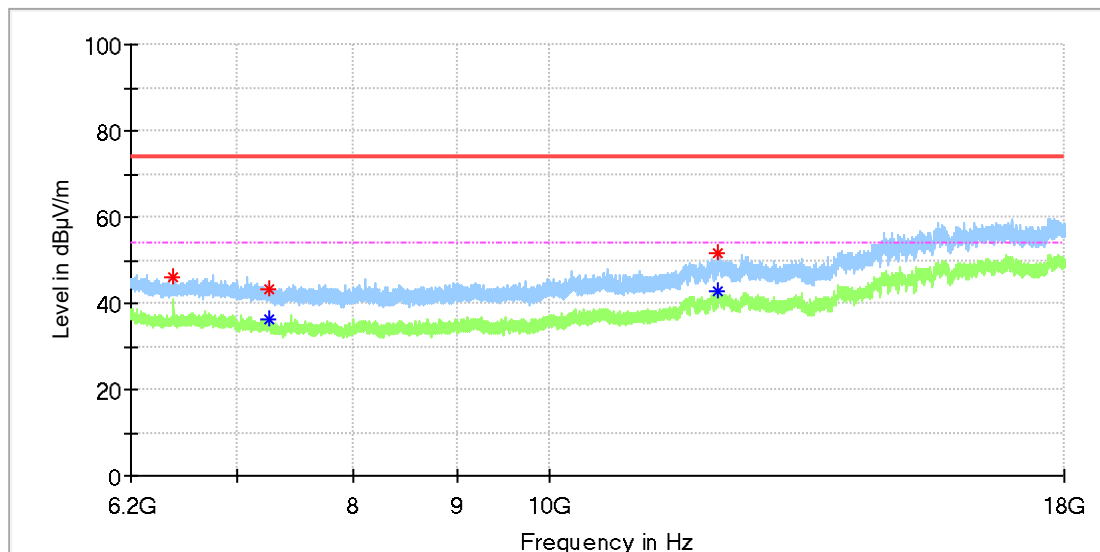
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4808.500000	52.10	---	74.00	21.90	150.0	V	66.0	13.3
4812.000000	---	41.25	54.00	12.75	150.0	V	18.0	13.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.5-93.7	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:	WKXT0QM2511
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

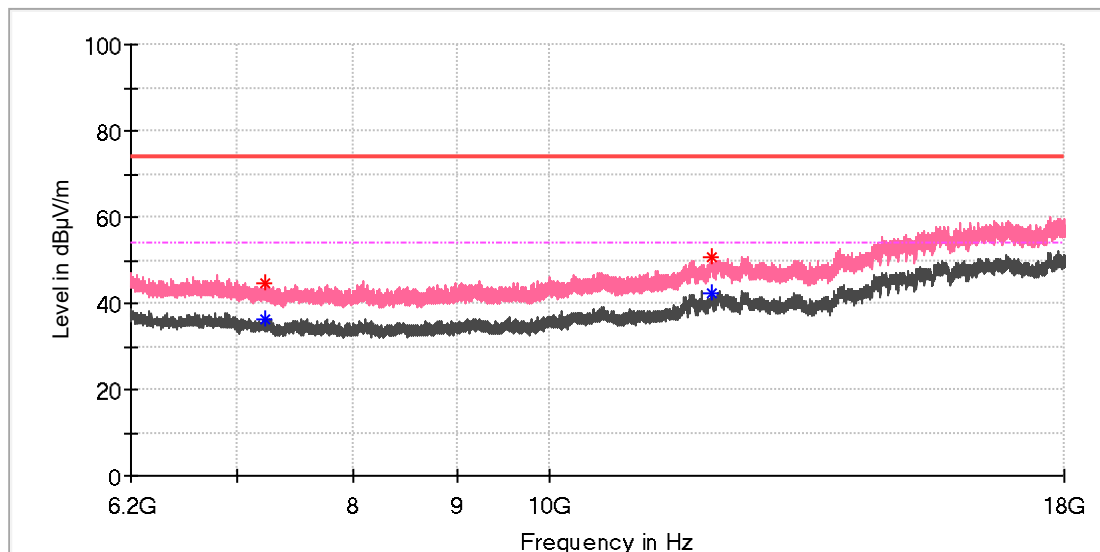
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6511.716667	46.27	---	68.20	21.93	150.0	H	9.0	8.8
7264.458333	---	36.18	54.00	17.82	150.0	H	0.0	8.5
7267.900000	43.42	---	74.00	30.58	150.0	H	30.0	8.5
12113.766667	51.46	---	74.00	22.54	150.0	H	276.0	15.8
12113.766667	---	42.73	54.00	11.27	150.0	H	276.0	15.8

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.500000	93.500000	93.500000	93.500000	93.500000	93.500000		93.500000	93.500000

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

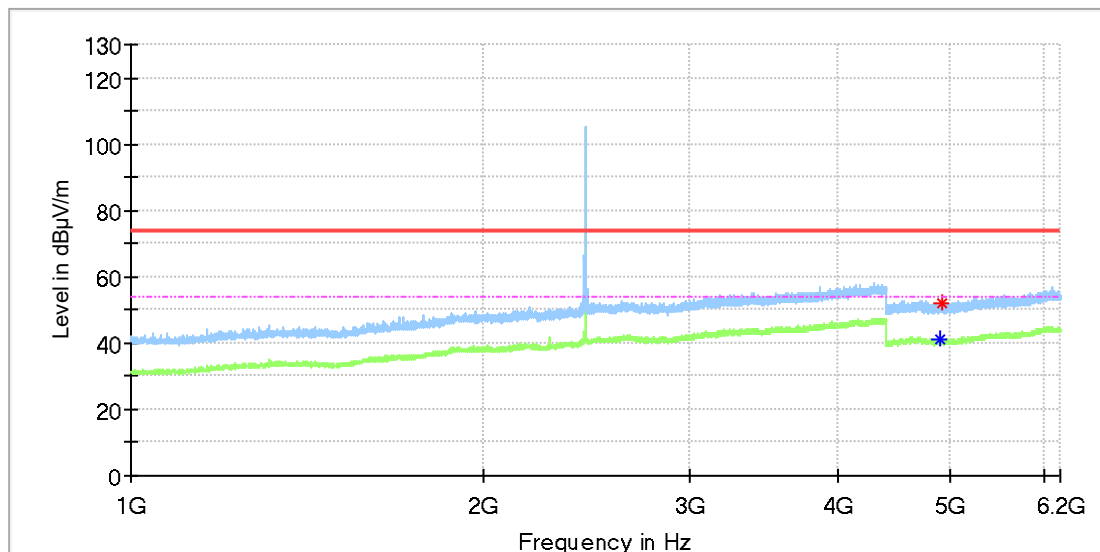
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7222.175000	---	36.21	54.00	17.79	150.0	V	89.0	8.7
7225.125000	44.78	---	74.00	29.22	150.0	V	214.0	8.7
12042.475000	---	42.35	54.00	11.65	150.0	V	214.0	16.2
12047.883333	50.89	---	74.00	23.11	150.0	V	260.0	16.4

Final_Result

[illegible]

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

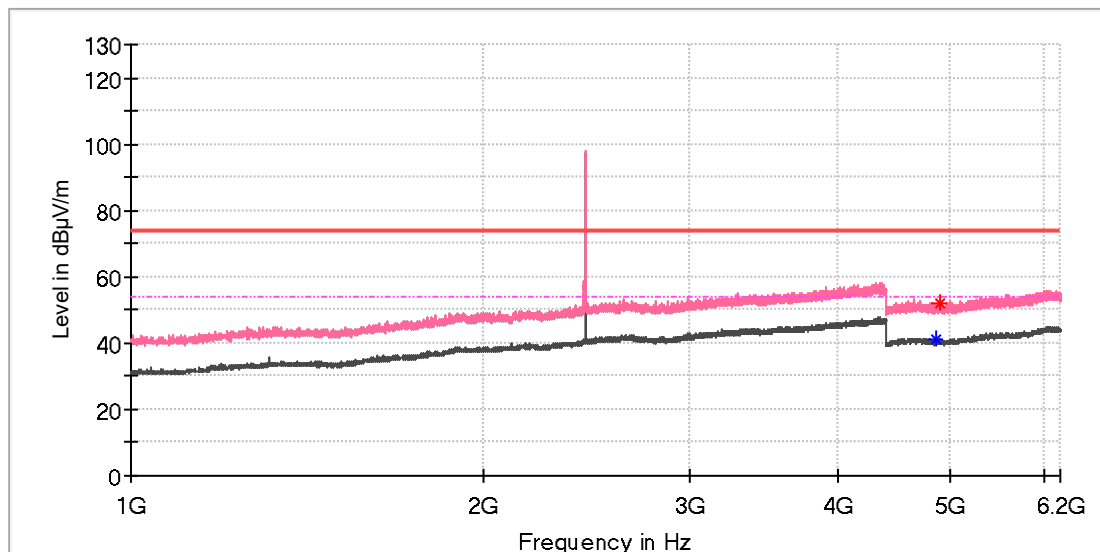
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4902.000000	---	40.90	54.00	13.10	150.0	H	271.0	13.3
4915.000000	51.80	---	74.00	22.20	150.0	H	314.0	13.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.5-93.7	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:	WKXT0QM2511
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

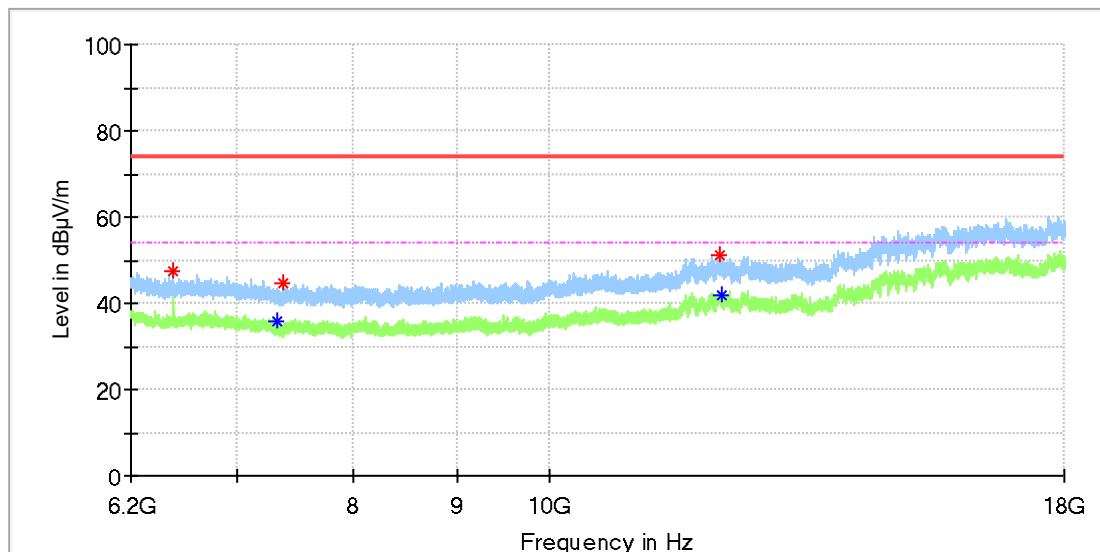
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4862.000000	---	41.16	54.00	12.84	150.0	V	248.0	13.3
4899.500000	51.83	---	74.00	22.17	150.0	V	359.0	13.3

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.5-93.7	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:	WKXT0QM2511
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

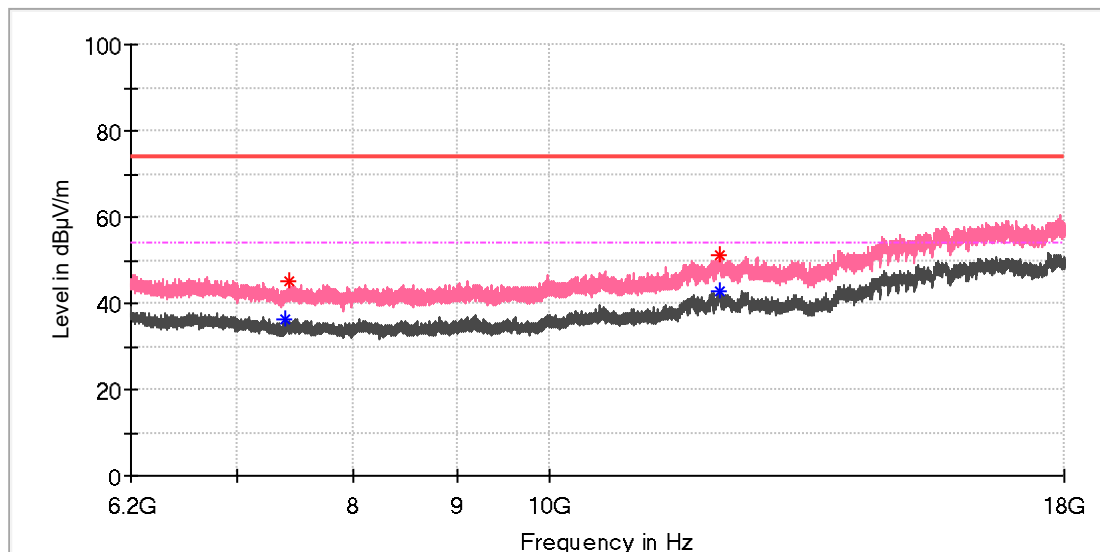
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6511.716667	47.37	---	68.20	20.83	150.0	H	187.0	8.8
7326.408333	---	35.98	54.00	18.02	150.0	H	0.0	8.2
7380.983333	44.51	---	74.00	29.49	150.0	H	0.0	8.2
12147.200000	51.07	---	74.00	22.93	150.0	H	306.0	16.7
12159.983333	---	42.07	54.00	11.93	150.0	H	38.0	16.2

Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
93.5-94.5	93.5-94.5	93.5-94.5	93.5-94.5	93.5-94.5	93.5-94.5		93.5-94.5	93.5-94.5

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	BLE 1M_Mid channel
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

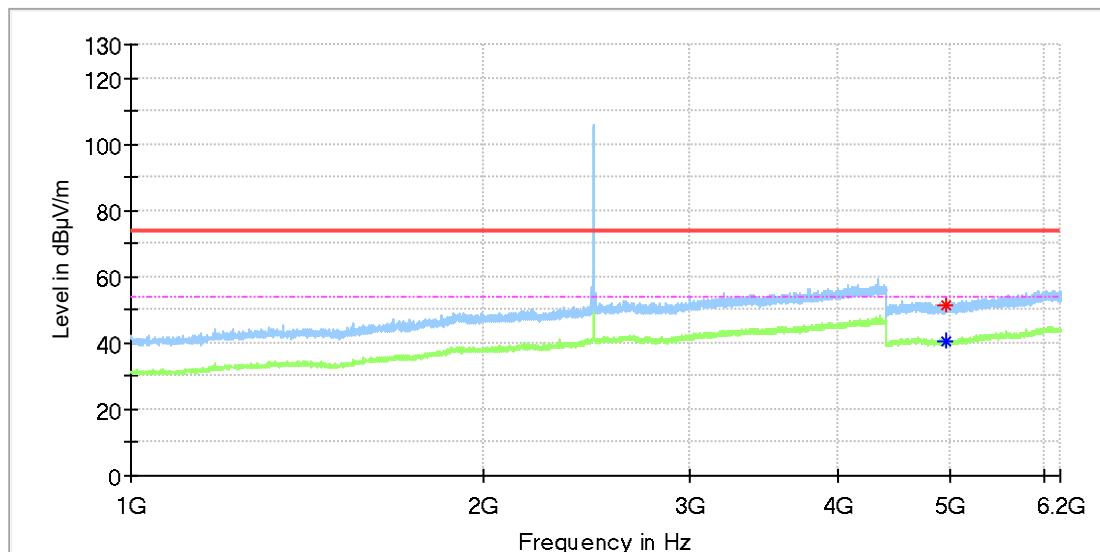
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7397.208333	---	36.33	54.00	17.67	150.0	V	271.0	8.3
7426.708333	45.22	---	74.00	28.78	150.0	V	249.0	8.4
12152.608333	51.18	---	74.00	22.82	150.0	V	147.0	16.6
12154.083333	---	42.72	54.00	11.28	150.0	V	100.0	16.5

Final_Result

[illegible]

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

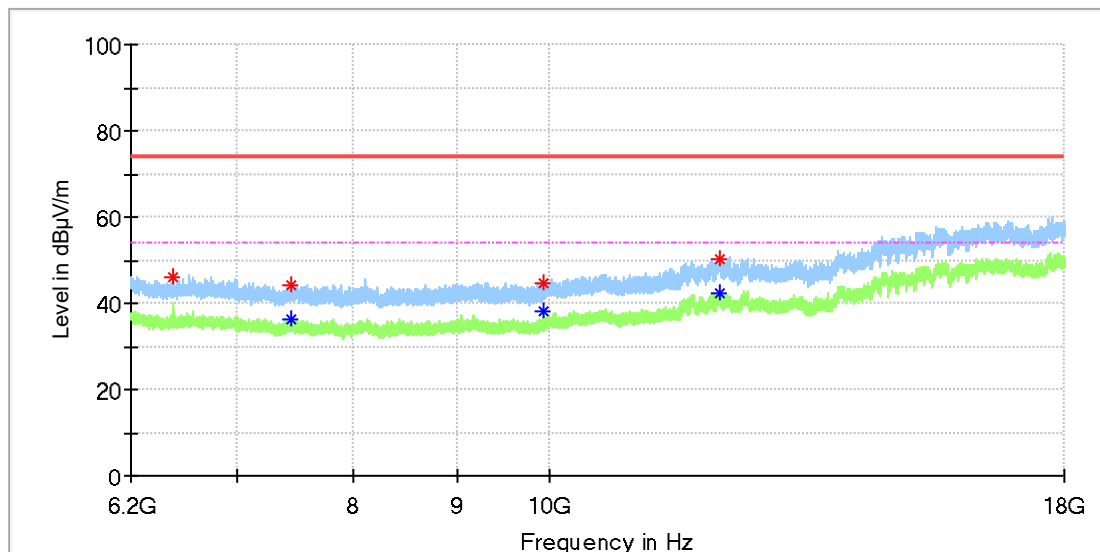
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4954.000000	51.27	---	74.00	22.73	150.0	H	73.0	13.3
4956.500000	---	40.81	54.00	13.19	150.0	H	168.0	13.3

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:	WKXT0QM2511
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

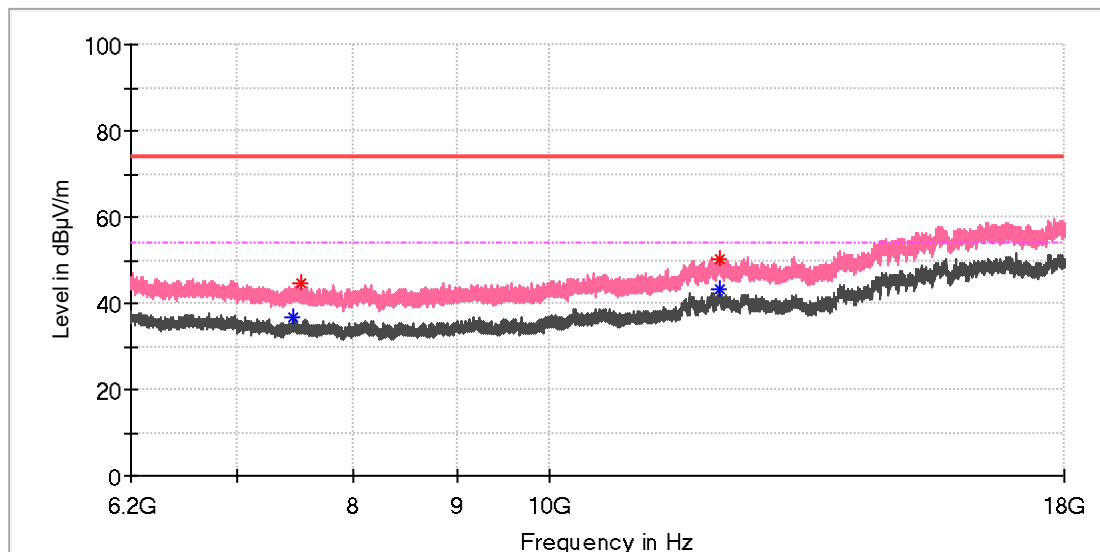
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6511.225000	46.23	---	68.20	21.97	150.0	H	196.0	8.8
7439.491667	44.13	---	74.00	29.87	150.0	H	120.0	8.4
7447.358333	---	36.43	54.00	17.57	150.0	H	41.0	8.5
9935.191667	44.69	---	74.00	29.31	150.0	H	74.0	10.9
9936.666667	---	38.17	54.00	15.83	150.0	H	265.0	10.9
12143.758333	50.32	---	74.00	23.68	150.0	H	63.0	16.6
12147.200000	---	42.32	54.00	11.68	150.0	H	1.0	16.7

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	93.5-93.6

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
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)
7463.583333	---	36.76	54.00	17.24	150.0	V	318.0	8.6
7526.025000	44.52	---	74.00	29.48	150.0	V	99.0	8.7
12135.400000	50.06	---	74.00	23.94	150.0	V	148.0	16.3
12150.150000	---	43.29	54.00	10.71	150.0	V	295.0	16.7

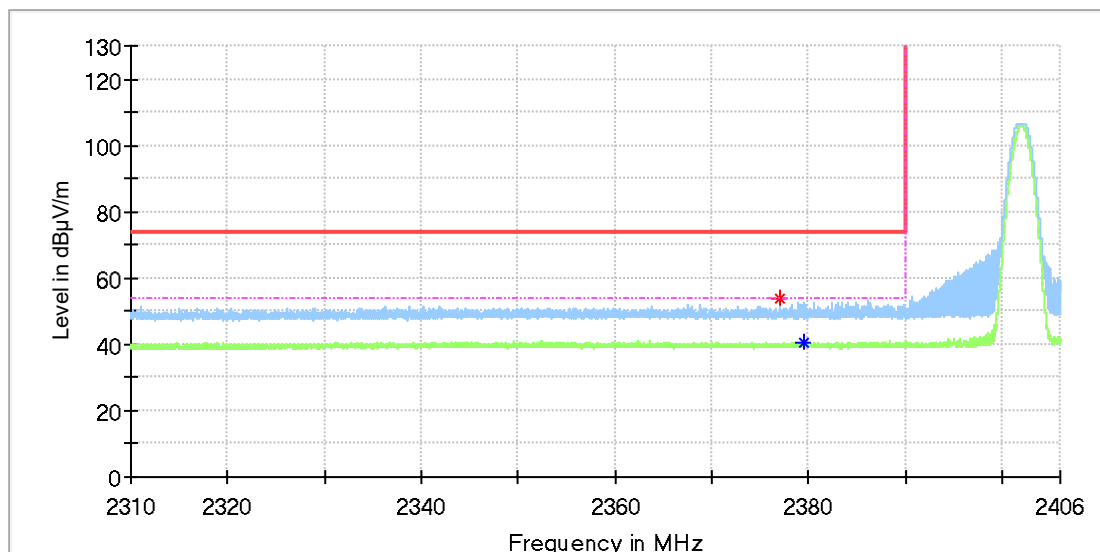
Final_Result

[illegible]

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

EUT Information

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

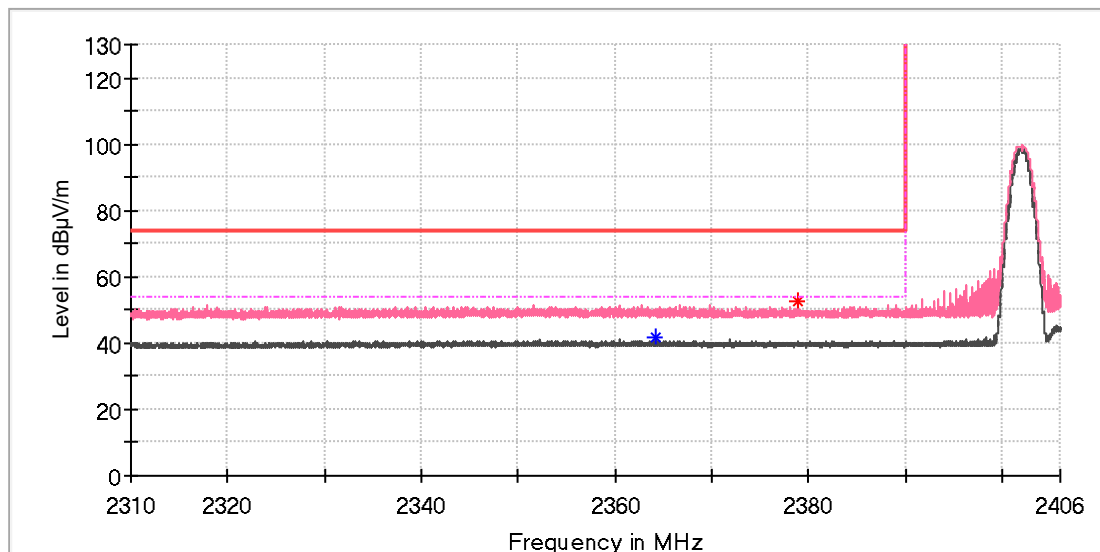
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2377.016471	53.62	---	74.00	20.38	150.0	H	34.0	8.5
2379.557647	---	40.30	54.00	13.70	150.0	H	77.0	8.5

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:	WKXT0QM2511
Test Mode:	BLE 1M_Low channel
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
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)
2364.155294	---	41.49	54.00	12.51	150.0	V	221.0	8.5
2378.978824	52.74	---	74.00	21.26	150.0	V	357.0	8.5

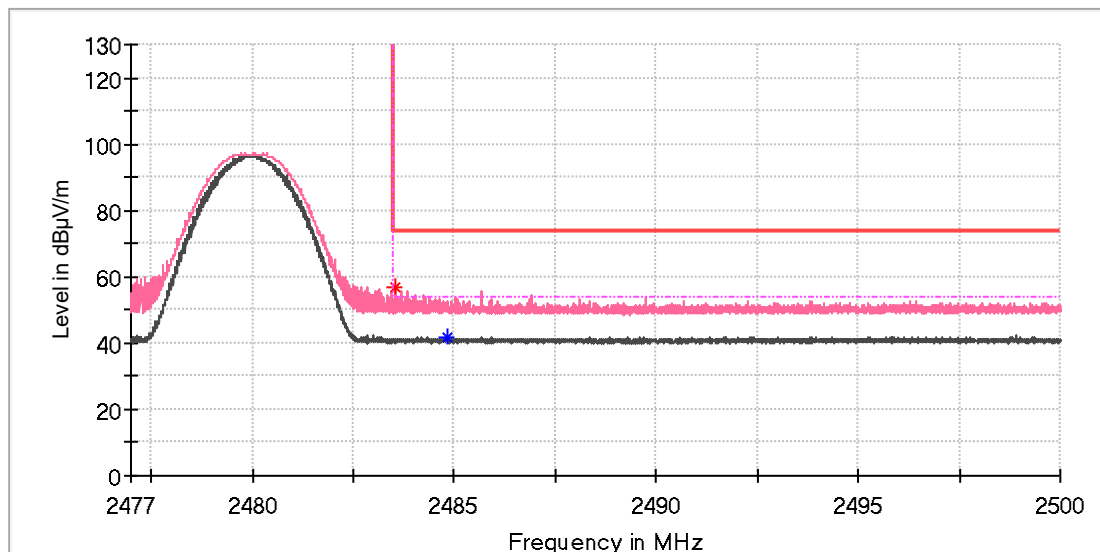
Final Result

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

EUT Name:	WIFI+BT Module
Model:	WKXT0QM2511
Test Mode:	BLE 1M_High channel
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

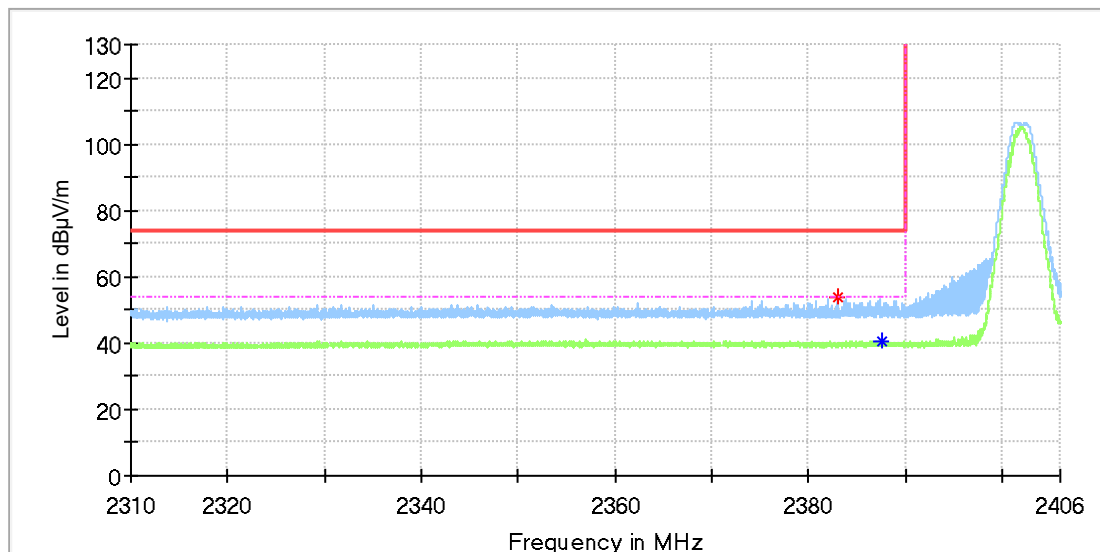
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.534706	56.57	---	74.00	17.43	150.0	V	231.0	9.0
2484.847059	---	41.94	54.00	12.06	150.0	V	329.0	9.0

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:	WKXT0QM2511
Test Mode:	BLE 2M_Low channel
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

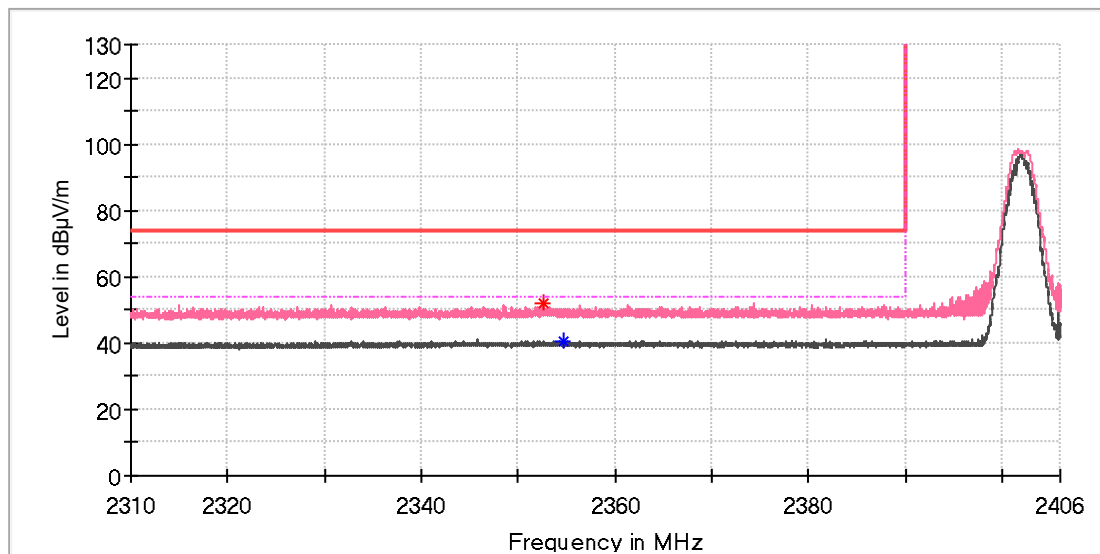
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2382.931765	53.97	---	74.00	20.03	150.0	H	23.0	8.5
2387.647059	---	40.68	54.00	13.32	150.0	H	30.0	8.5

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:	WKXT0QM2511
Test Mode:	BLE 2M_Low channel
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

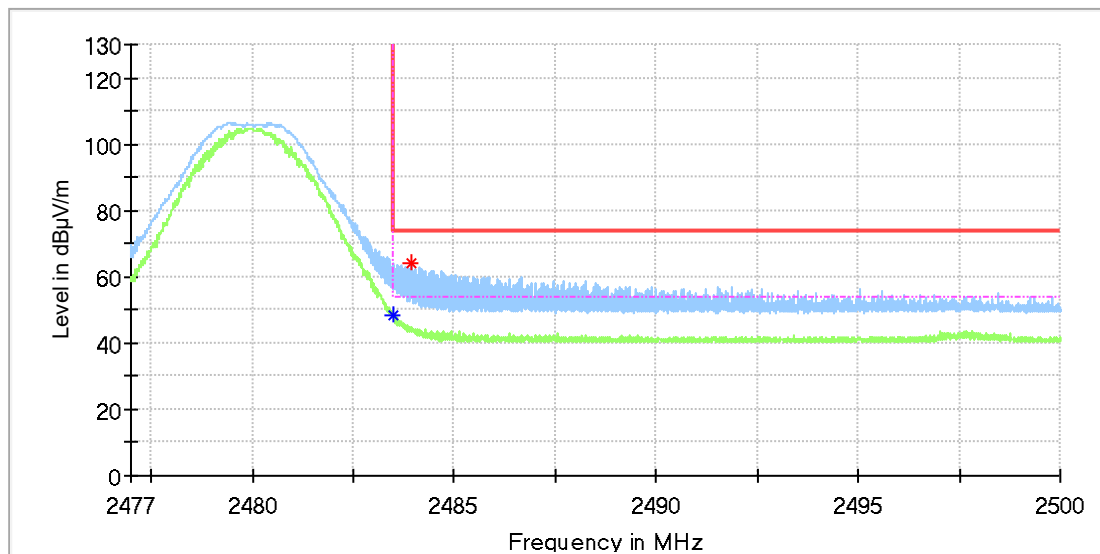
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2352.705882	52.11	---	74.00	21.89	150.0	V	304.0	8.5
2354.781177	---	40.70	54.00	13.30	150.0	V	257.0	8.5

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:	WKXT0QM2511
Test Mode:	BLE 2M_High channel
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

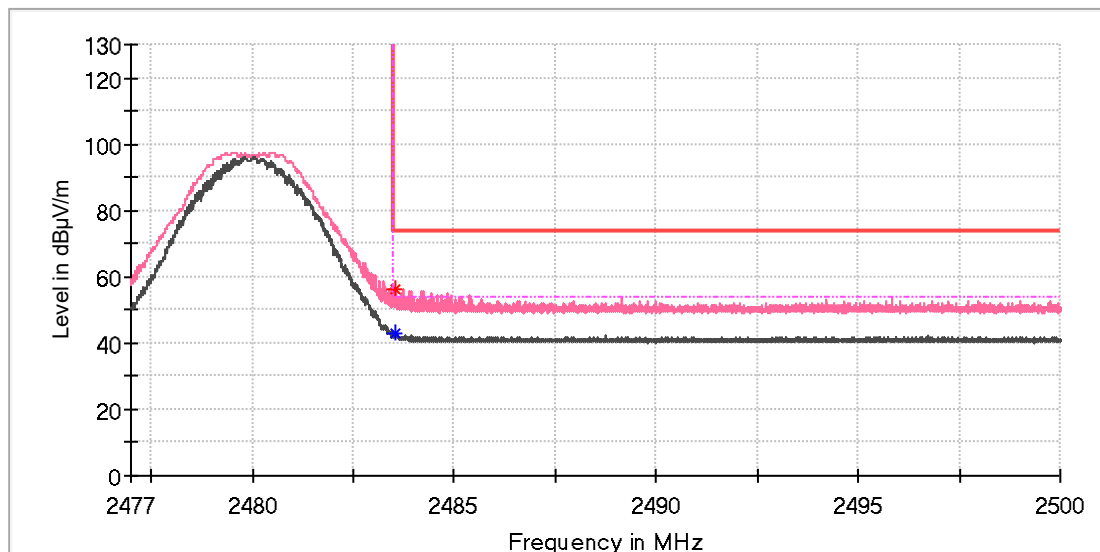
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.517647	---	48.51	54.00	5.49	150.0	H	36.0	9.0
2483.941177	63.99	---	74.00	10.01	150.0	H	73.0	9.0

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:	WKXT0QM2511
Test Mode:	BLE 2M_High channel
Order No/Sample No:	168570821/A004089979-001
Test Voltage:	DC 5V From USB
Remark:	Temp 23 Humi:56%
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)
2483.535882	56.06	---	74.00	17.94	150.0	V	297.0	9.0
2483.562647	---	43.00	54.00	11.00	150.0	V	286.0	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	