

















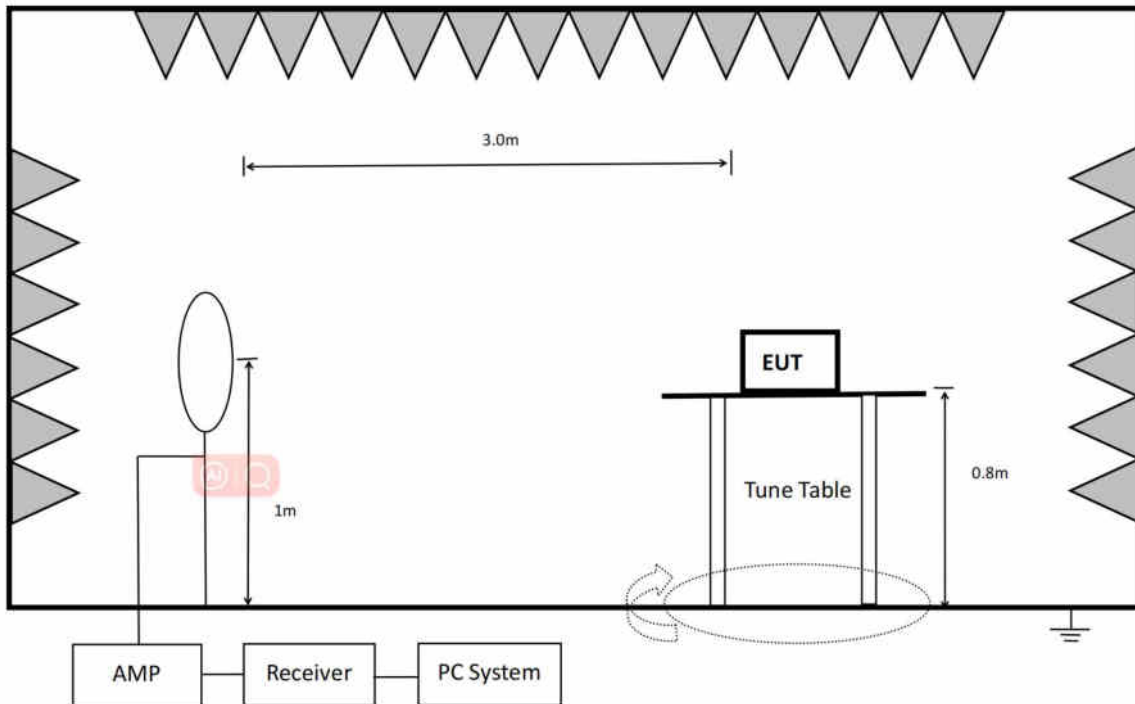




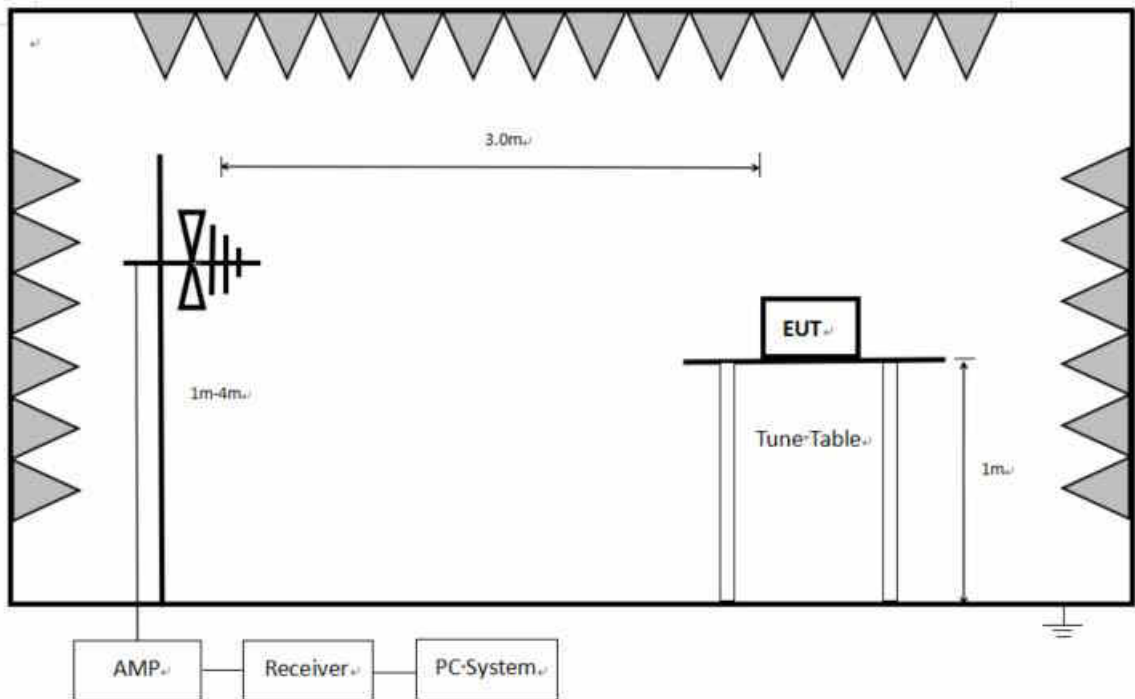
13. Radiated Emission

13.1. Block diagram of test setup

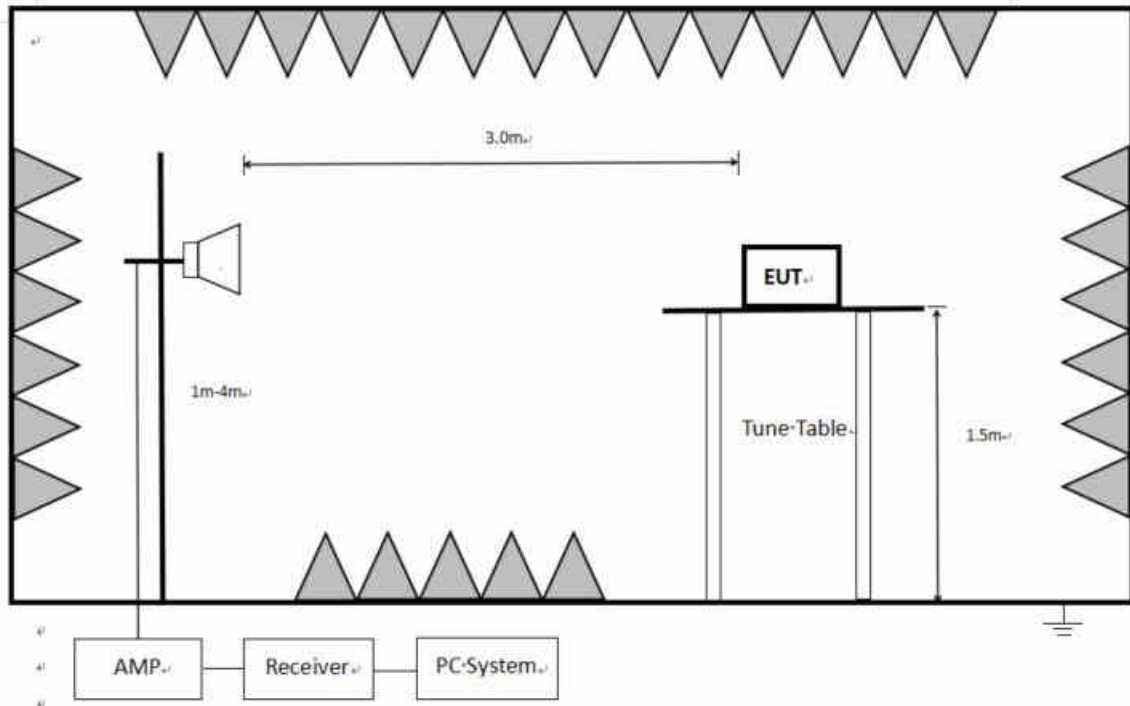
In 3 m Anechoic Chamber, test setup diagram for 9 kHz - 30 MHz:



In 3 m Anechoic Chamber, test setup diagram for 30 MHz - 1 GHz:



In 3 m Anechoic Chamber, test setup diagram for frequency above 1 GHz:



Note: For harmonic emissions test an appropriate high pass filter was inserted in the input port of AMP.

13.2. Limit

(1) FCC 15.205 Restricted frequency band

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.1772&4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.2072&4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(²)
13.36-13.41			

¹Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

²Above 38.6

(2) FCC 15.209 Limit.

Frequency MHz	Distance Meters	Field Strengths Limit	
		$\mu\text{V}/\text{m}$	$\text{dB}(\mu\text{V})/\text{m}$
0.009 ~ 0.490	300	$2400/\text{F}(\text{kHz})$	$67.6-20\log(\text{F})$
0.490 ~ 1.705	30	$24000/\text{F}(\text{kHz})$	$87.6-20\log(\text{F})$
1.705 ~ 30.0	30	30	29.54
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216~960	3	200	46.0
960~1000	3	500	54.0
Above 1000	3	74.0 $\text{dB}(\mu\text{V})/\text{m}$ (Peak) 54.0 $\text{dB}(\mu\text{V})/\text{m}$ (Average)	

Note: (1) At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

(2) At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). This paragraph (f) shall not apply to Access BPL devices operating below 30 MHz.

About Restricted bands of operation please refer to FCC § 15.205(a).

13.3. Test Procedure

Below 30 MHz:

The setting of the spectrum Analyzer

RBW	200 Hz (From 9 kHz to 0.15 MHz)/ 9 kHz (From 0.15 MHz to 30 MHz)
VBW	200 Hz (From 9 kHz to 0.15 MHz)/ 9 kHz (From 0.15 MHz to 30 MHz)
Sweep	Auto
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013
2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 80 cm meter above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of 1 meter height antenna tower.
5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.
6. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
7. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 30m open field site. Therefore, sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field site based on KDB 414788.

Below 1 GHz and above 30 MHz:

The setting of the spectrum Analyzer

RBW	120 kHz
VBW	300 kHz
Sweep	Auto
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 80 cm above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

Above 1 GHz:

RBW	1 MHz
VBW	PEAK: 3 MHz AVG: see note 6
Sweep	Auto
Detector	Peak
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013.

2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

3. The EUT was placed on a turntable with 1.5m above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

5. For measurement above 1GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.

6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for AVG measurements. For the Duty Cycle please refer to clause 8.1.ON TIME AND DUTY CYCLE.

7. Restriction band: Investigated frequency range from 2310 MHz to 2430 MHz and 2445 MHz to 2500 MHz, 2310 MHz to 2450 MHz and 2425 MHz to 2500MHz.

All restriction band should comply with 15.209, other emission should be at least 20 dB below the fundamental.

Note 1: For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data recorded in the report.

Note 2: The EUT does not support simultaneous transmission.

Note 3: The EUT was fully exercised with external accessories during the test. In the case of multiple accessory external ports, an external accessory shall be connected to one of each type of port.

13.4. Results

Pass. (See below detailed test result)

All the emissions except fundamental emission from 9 kHz to 25 GHz were comply with 15.209 limits.

Note1: According exploratory test, the emission levels are 20 dB below the limit detected from 9 kHz to 30 MHz, so the final test was performed with frequency range from 30 MHz to 26 GHz and recorded in below.

Note2: For emissions below 1 GHz, according exploratory explorer test, when change Tx mode and channel, have no distinct influence on emissions level, so for emissions below 1 GHz, the final test was only performed with EUT working in 11B, Tx CH1 mode.

Note3: For emissions above 1 GHz. If peak results comply with AV limit, AV Result is deemed to comply with AV limit.

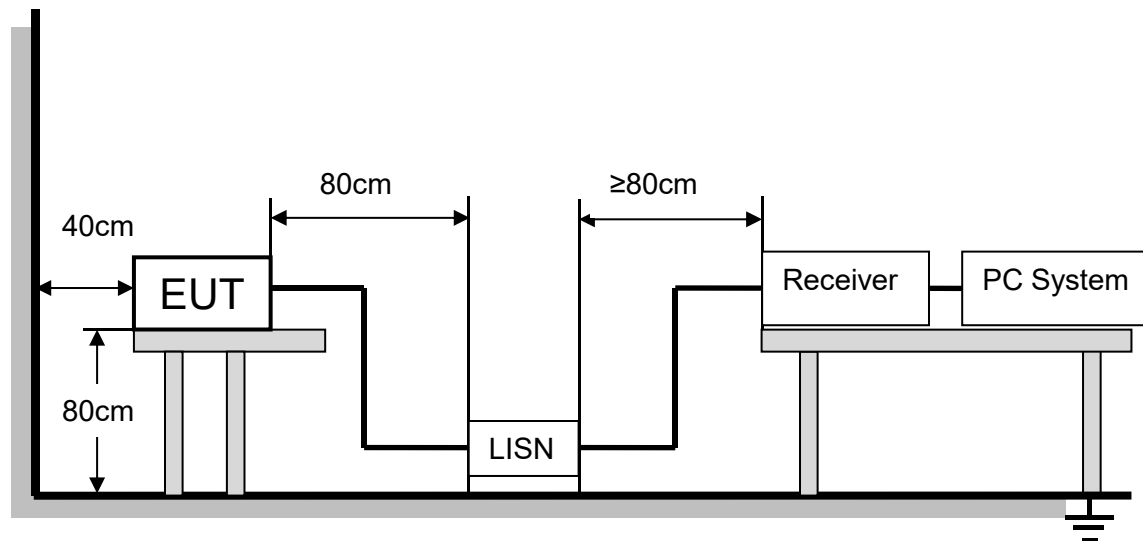
13.5. Original test data

Below 1 GHz and above 30 MHz test data Refer to appendix A

Above 1 GHz test data Refer to appendix B

14. AC Power Line Conducted Emissions

14.1. Block diagram of test setup



The EUT is put on a table of non-conducting material that is 80 cm high. The vertical conducting wall of shielding is located 40 cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through an Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2013. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9 kHz.

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

14.2. Limits

Please refer to CFR 47 FCC § 15.207 (a).

Frequency (MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

Note 1: * Decreasing linearly with logarithm of frequency.

Note 2: The lower limit shall apply at the transition frequencies.

14.3. Test procedure

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80cm above the ground plane.

Configuration EUT to simulate typical usage as described in clause 2.4 and test equipment as described in clause 10.2 of this report.

All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10.

All support equipment power received from a second LISN.

Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30 MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

The test mode(s) described in clause 2.4 were scanned during the preliminary test.

After the preliminary scan, we found the test mode producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions.

Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

The bandwidth of test receiver is set at 9 kHz.

14.4. Test result

According to 15.207, power Line Conducted Emission is not required for devices which only employ battery power for operation and which do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines.

Antenna Requirements

14.5. Applicable Requirements

Please refer to FCC §15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to FCC §15.247(b)(4)

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

14.6. Result

The antenna used for this product is SMD antenna and that no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is 1.97 dBi

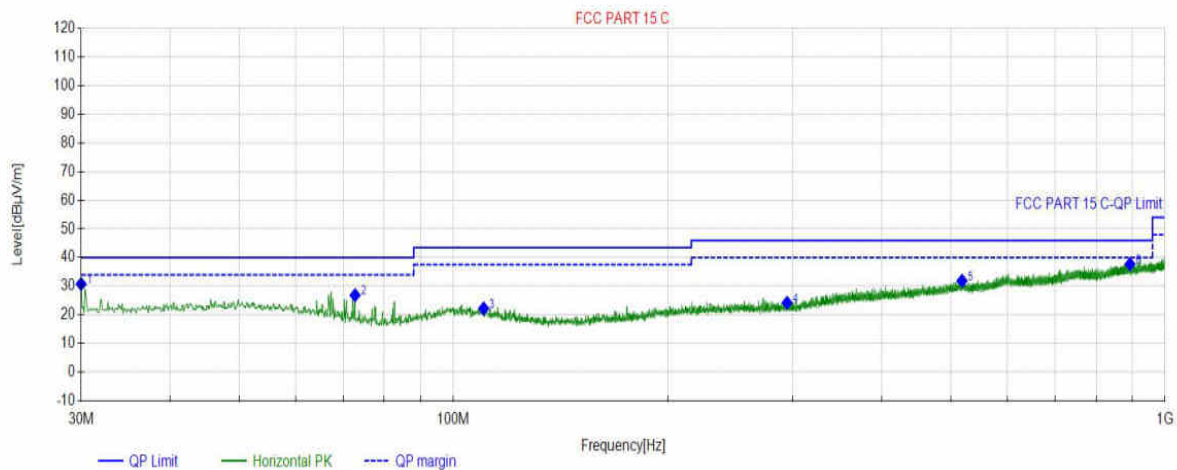
APPENDIX A – Radiated Emission Below 1GHz Test Data

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11B_2412	Voltage:	DC 3.3V+/-0.3
Environment:	23.5°C 53%	Engineer:	
Remark:			

Start of Test: 2023-10-19 12:09:20

Test Graph



Final Data List

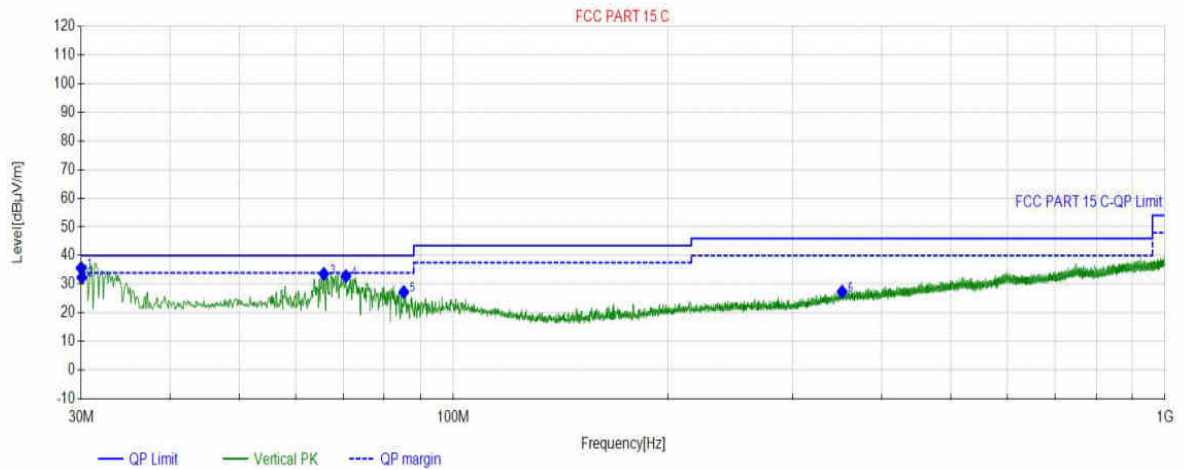
NO.	Freq. (MHz)	Factor (dB)	QP Value (dBμV/m)	QP Limit (dBμV/m)	QP Margin (dB)	Height (cm)	Angle (°)	Polarity
1	30.0000	18.82	30.75	40.00	9.25	100	30	Horizontal
2	72.7813	17.56	26.87	40.00	13.13	100	30	Horizontal
3	110.3240	20.13	22.24	43.50	21.26	100	353	Horizontal
4	294.4484	21.81	24.22	46.00	21.78	100	330	Horizontal
5	518.5409	28.02	31.89	46.00	14.11	100	30	Horizontal
6	892.9013	34.29	37.68	46.00	8.32	100	30	Horizontal

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11B_2412	Voltage:	DC 3.3V+/-0.3
Environment:	23.5℃ 53%	Engineer:	
Remark:			

Start of Test: 2023-10-19 12:09:56

Test Graph



Final Data List

NO.	Freq. (MHz)	Factor (dB)	QP Value (dBμV/m)	QP Limit (dBμV/m)	QP Margin (dB)	Height (cm)	Angle (°)	Polarity
1	30.0000	18.82	35.64	40.00	4.36	100	109	Vertical
2	30.0650	18.82	32.34	40.00	7.66	100	63.9	Vertical
3	65.7966	19.53	33.61	40.00	6.39	100	0	Vertical
4	70.6471	18.10	32.83	40.00	7.17	100	0	Vertical
5	85.1985	17.13	27.27	40.00	12.73	100	196	Vertical
6	351.7812	24.57	27.38	46.00	18.62	100	196	Vertical

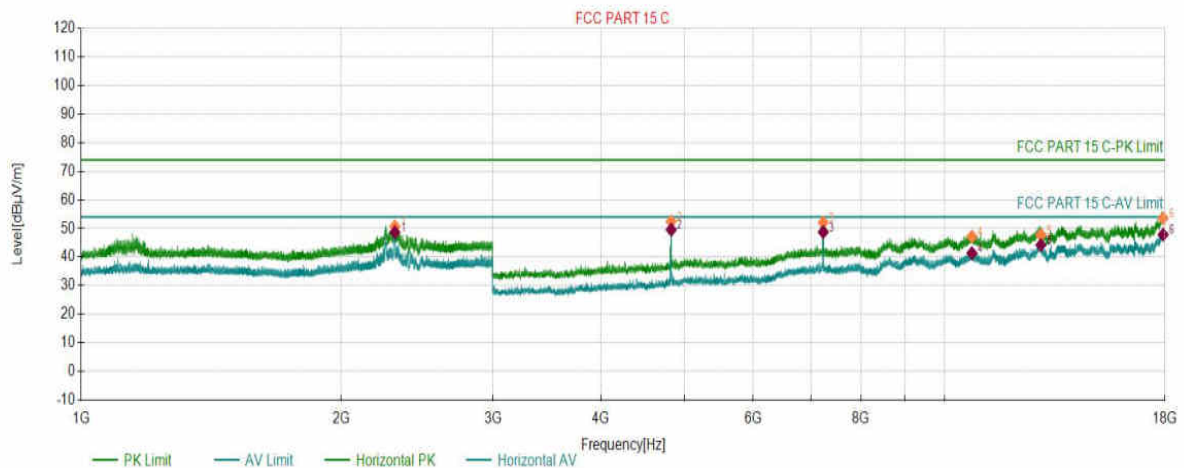
APPENDIX B – Radiated Emission Above 1GHz Test Data

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11B_2412	Voltage:	AC 230V/50Hz
Environment:	23.5℃ 53%	Engineer:	
Remark:	1 4 8		

Start of Test: 2023-10-13 20:19:44

Test Graph



PK Final Data List

NO.	Freq. (MHz)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2308.9654	6.49	50.71	74.00	23.29	150	157	Horizontal
2	4823.3412	-9.74	52.44	74.00	21.56	150	50	Horizontal
3	7234.7117	-1.58	52.09	74.00	21.91	150	22	Horizontal
4	10756.1378	5.18	47.17	74.00	26.83	150	354	Horizontal
5	12926.7463	9.18	47.69	74.00	26.31	150	348	Horizontal
6	17907.7454	17.36	53.59	74.00	20.41	150	2	Horizontal

AV Final Data List

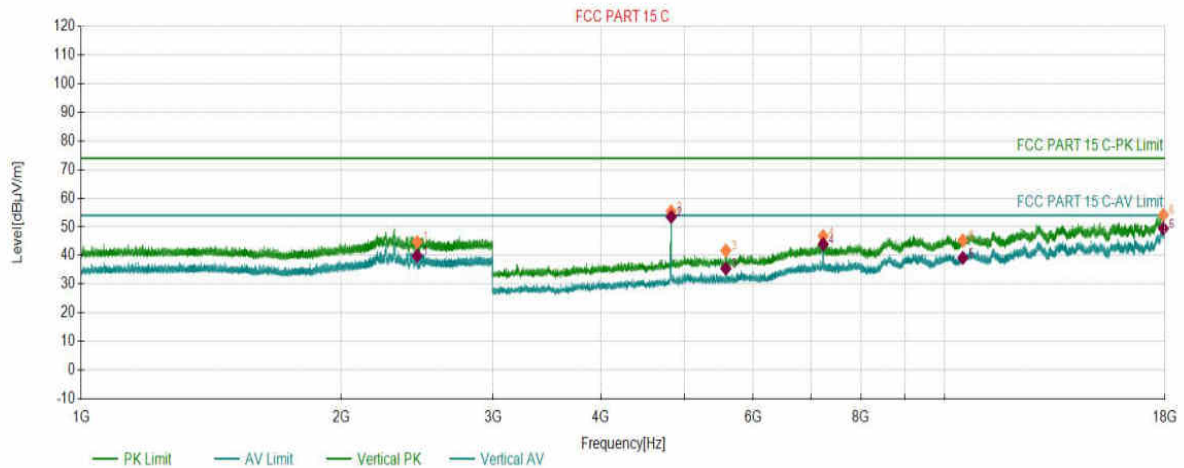
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2308.9654	6.49	48.66	54.00	5.34	150	157	Horizontal
2	4823.3412	-9.74	49.57	54.00	4.43	150	50	Horizontal
3	7234.7117	-1.58	48.76	54.00	5.24	150	22	Horizontal
4	10756.1378	5.18	41.35	54.00	12.65	150	354	Horizontal
5	12926.7463	9.18	44.20	54.00	9.80	150	348	Horizontal
6	17907.7454	17.36	47.84	54.00	6.16	150	2	Horizontal

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11B_2412	Voltage:	AC 230V/50Hz
Environment:	23.5℃ 53%	Engineer:	
Remark:	1 4 8		

Start of Test: 2023-10-13 20:22:16

Test Graph



PK Final Data List

NO.	Freq. (MHz)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2449.7725	7.69	44.76	74.00	29.24	150	243	Vertical
2	4823.9802	-9.74	55.41	74.00	18.59	150.4	156.6	Vertical
3	5580.1290	-7.69	41.75	74.00	32.25	150	71	Vertical
4	7234.7117	-1.58	46.80	74.00	27.20	150	177	Vertical
5	10498.1249	4.37	45.34	74.00	28.66	150	177	Vertical
6	17922.7461	17.28	54.19	74.00	19.81	150	321	Vertical

AV Final Data List

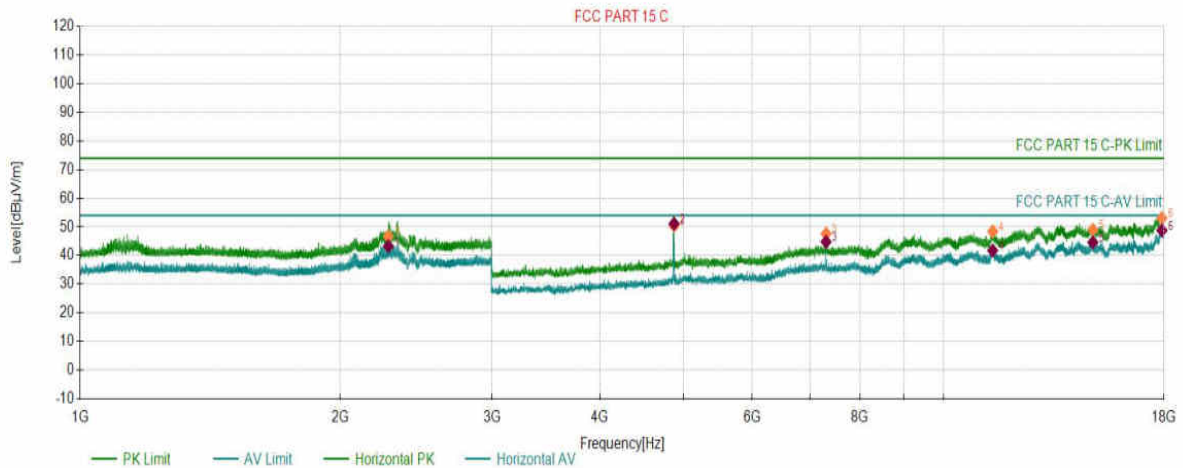
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2449.7725	7.69	39.94	54.00	14.06	150	243	Vertical
2	4823.9802	-9.74	53.49	54.00	0.51	150.4	156.6	Vertical
3	5580.1290	-7.69	35.48	54.00	18.52	150	71	Vertical
4	7234.7117	-1.58	43.98	54.00	10.02	150	177	Vertical
5	10498.1249	4.37	39.17	54.00	14.83	150	177	Vertical
6	17922.7461	17.28	49.45	54.00	4.55	150	321	Vertical

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11B_2437	Voltage:	AC 230V/50Hz
Environment:	23.5℃ 53%	Engineer:	
Remark:	1 4 8		

Start of Test: 2023-10-13 20:30:12

Test Graph



PK Final Data List

NO.	Freq. (MHz)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2275.2638	6.38	46.72	74.00	27.28	150	164	Horizontal
2	4873.5937	-9.47	50.38	74.00	23.62	150	44	Horizontal
3	7309.7155	-1.31	47.65	74.00	26.35	150	27	Horizontal
4	11398.9199	6.05	48.40	74.00	25.60	150	231	Horizontal
5	14888.0944	11.91	49.02	74.00	24.98	150	151	Horizontal
6	17900.9951	17.39	53.04	74.00	20.96	150	358	Horizontal

AV Final Data List

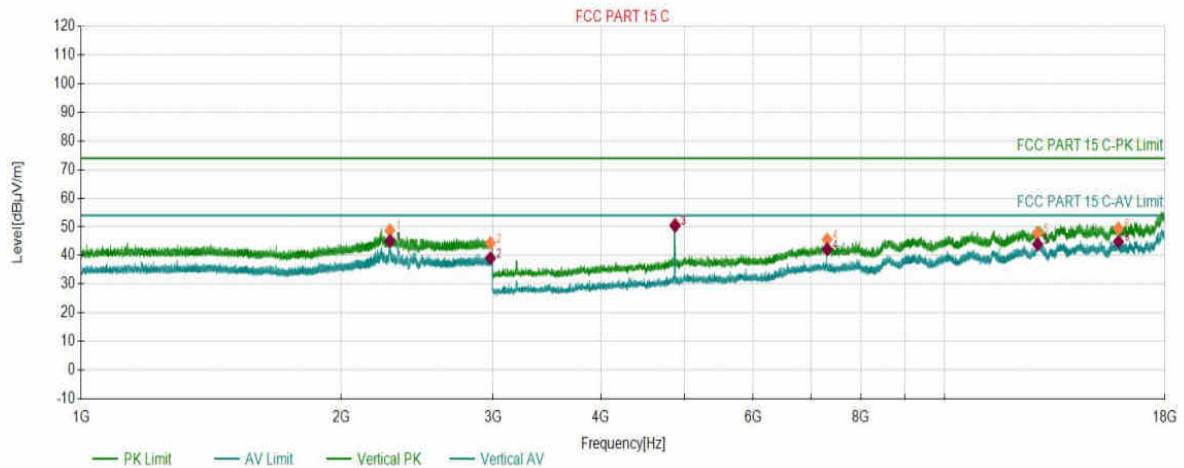
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2275.2638	6.38	43.25	54.00	10.75	150	164	Horizontal
2	4873.5937	-9.47	51.12	54.00	2.88	150	44	Horizontal
3	7309.7155	-1.31	44.78	54.00	9.22	150	27	Horizontal
4	11398.9199	6.05	41.76	54.00	12.24	150	231	Horizontal
5	14888.0944	11.91	44.64	54.00	9.36	150	151	Horizontal
6	17900.9951	17.39	48.77	54.00	5.23	150	358	Horizontal

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11B_2437	Voltage:	AC 230V/50Hz
Environment:	23.5℃ 53%	Engineer:	
Remark:	1 4 8		

Start of Test: 2023-10-13 20:32:44

Test Graph



PK Final Data List

NO.	Freq. (MHz)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2278.1639	6.39	48.76	74.00	25.24	150	283	Vertical
2	2978.2989	8.70	44.37	74.00	29.63	150	156	Vertical
3	4873.5937	-9.47	50.92	74.00	23.08	150	155	Vertical
4	7311.2156	-1.32	45.59	74.00	28.41	150	1	Vertical
5	12814.2407	9.12	47.81	74.00	26.19	150	34	Vertical
6	15896.8948	12.79	49.49	74.00	24.51	150	225	Vertical

AV Final Data List

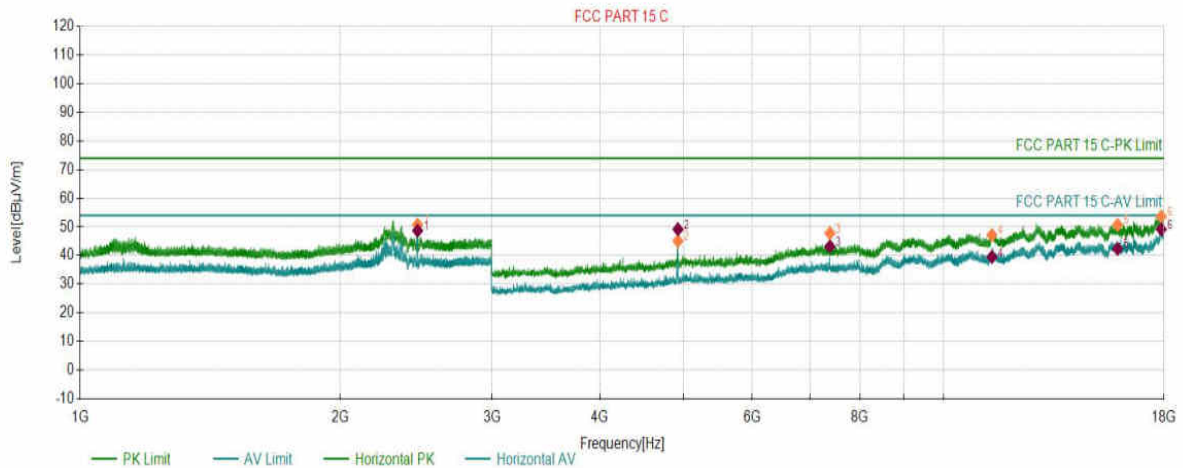
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2278.1639	6.39	45.07	54.00	8.93	150	283	Vertical
2	2978.2989	8.70	39.02	54.00	14.98	150	156	Vertical
3	4873.5937	-9.47	50.40	54.00	3.60	150	155	Vertical
4	7311.2156	-1.32	42.18	54.00	11.82	150	1	Vertical
5	12814.2407	9.12	43.94	54.00	10.06	150	34	Vertical
6	15896.8948	12.79	44.82	54.00	9.18	150	225	Vertical

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11B_2462	Voltage:	AC 230V/50Hz
Environment:	23.5℃ 53%	Engineer:	
Remark:	1 4 8		

Start of Test: 2023-10-13 20:37:31

Test Graph



PK Final Data List

NO.	Freq. (MHz)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2459.5730	7.74	50.80	74.00	23.20	150	85	Horizontal
2	4923.8462	-9.18	45.08	74.00	28.92	150	45	Horizontal
3	7384.7192	-1.73	47.81	74.00	26.19	150	24	Horizontal
4	11374.9187	5.70	47.17	74.00	26.83	150	67	Horizontal
5	15902.8951	12.78	50.70	74.00	23.30	150	172	Horizontal
6	17872.4936	17.24	53.62	74.00	20.38	150	135	Horizontal

AV Final Data List

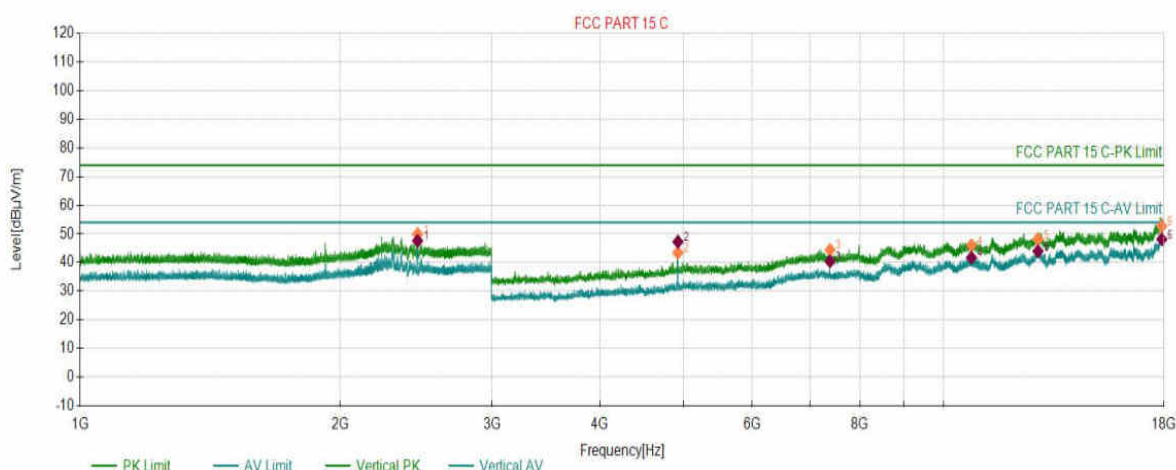
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2459.5730	7.74	48.68	54.00	5.32	150	85	Horizontal
2	4923.8462	-9.18	49.17	54.00	4.83	150	45	Horizontal
3	7384.7192	-1.73	43.19	54.00	10.81	150	24	Horizontal
4	11374.9187	5.70	39.49	54.00	14.51	150	67	Horizontal
5	15902.8951	12.78	42.31	54.00	11.69	150	172	Horizontal
6	17872.4936	17.24	49.18	54.00	4.82	150	135	Horizontal

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11B_2462	Voltage:	AC 230V/50Hz
Environment:	23.5℃ 53%	Engineer:	
Remark:	1 4 8		

Start of Test: 2023-10-13 20:40:03

Test Graph



PK Final Data List

NO.	Freq. (MHz)	Factor (dB)	PK Value (dBμV/m)	PK Limit (dBμV/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2459.4730	7.74	49.91	74.00	24.09	150	2	Vertical
2	4923.8462	-9.18	43.42	74.00	30.58	150	158	Vertical
3	7386.9693	-1.75	44.40	74.00	29.60	150	195	Vertical
4	10770.3885	5.18	46.06	74.00	27.94	150	264	Vertical
5	12860.7430	9.13	48.12	74.00	25.88	150	348	Vertical
6	17892.7446	17.36	52.68	74.00	21.32	150	311	Vertical

AV Final Data List

NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2459.4730	7.74	47.57	54.00	6.43	150	2	Vertical
2	4923.8462	-9.18	47.25	54.00	6.75	150	158	Vertical
3	7386.9693	-1.75	40.43	54.00	13.57	150	195	Vertical
4	10770.3885	5.18	41.72	54.00	12.28	150	264	Vertical
5	12860.7430	9.13	43.97	54.00	10.03	150	348	Vertical
6	17892.7446	17.36	48.14	54.00	5.86	150	311	Vertical

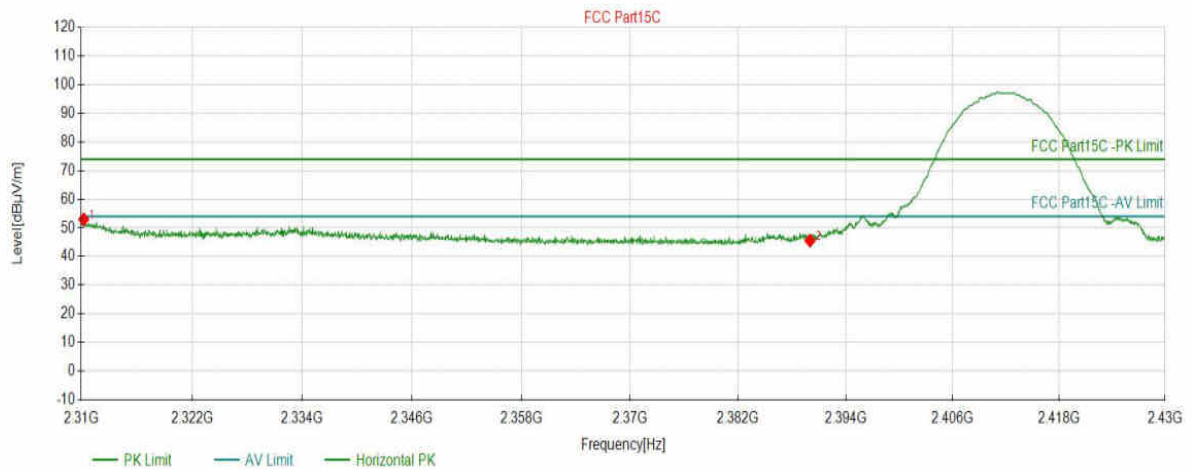
Restriction Band Emission

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11B_2412	Voltage:	AC 230V/50Hz
Environment:	23.5°C 53%	Engineer:	
Remark:			

Start of Test: 2023-10-13 20:10:56

Test Graph



Suspected Data List

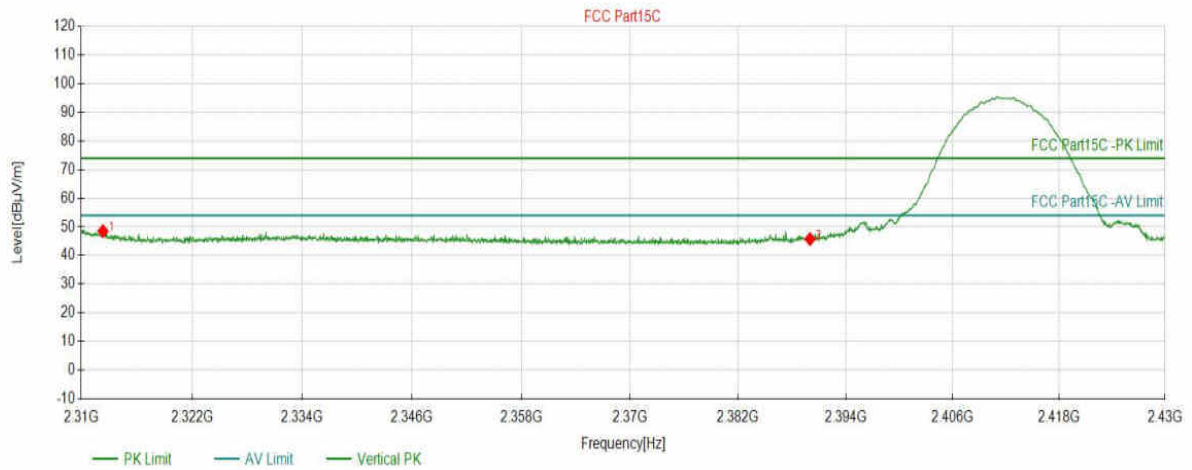
NO.	Freq. (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Detector	Polarity
1	2310.2801	52.97	6.03	74.00	21.03	150	159	PK	Horizontal
2	2390.0267	45.52	5.95	74.00	28.48	150	159	PK	Horizontal

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11B_2412	Voltage:	AC 230V/50Hz
Environment:	23.5℃ 53%	Engineer:	
Remark:			

Start of Test: 2023-10-13 20:12:08

Test Graph



Suspected Data List

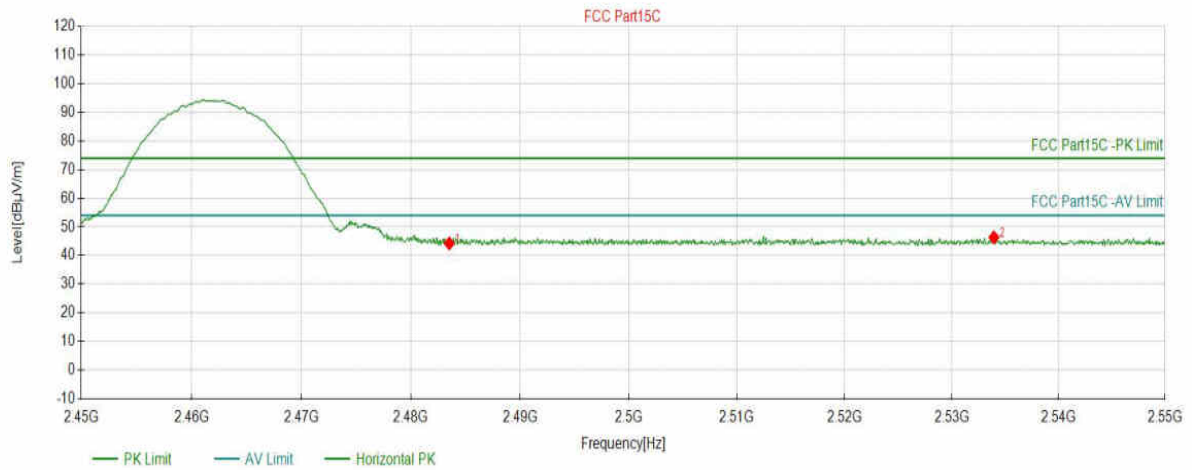
NO.	Freq. (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Detector	Polarity
1	2312.3608	48.52	6.03	74.00	25.48	150	186	PK	Vertical
2	2390.0267	45.73	5.95	74.00	28.27	150	331	PK	Vertical

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11B_2462	Voltage:	AC 230V/50Hz
Environment:	23.5℃ 53%	Engineer:	
Remark:			

Start of Test: 2023-10-13 20:44:10

Test Graph



Suspected Data List

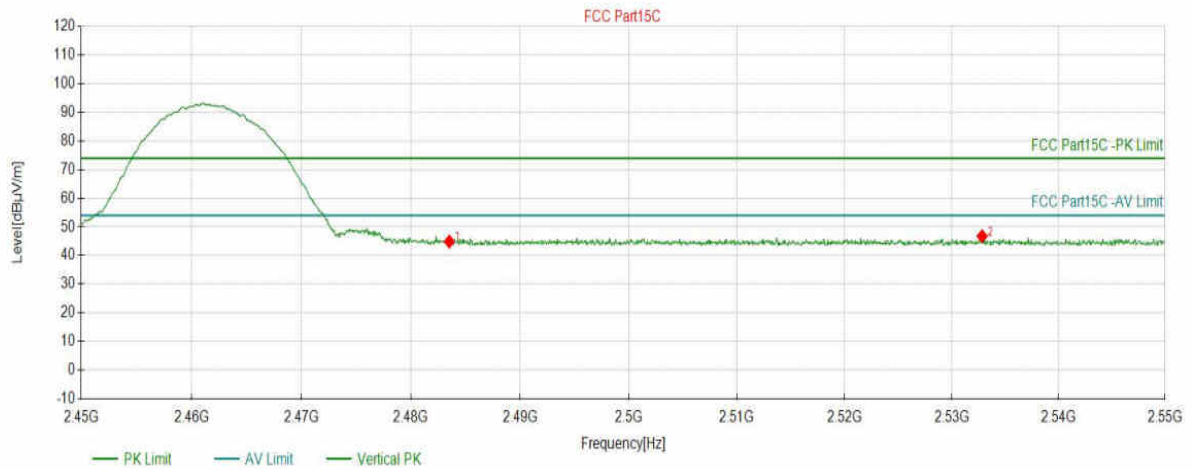
NO.	Freq. (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Detector	Polarity
1	2483.5168	44.24	6.50	74.00	29.76	150	180	PK	Horizontal
2	2533.9420	46.35	6.67	74.00	27.65	150	317	PK	Horizontal

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11B_2462	Voltage:	AC 230V/50Hz
Environment:	23.5℃ 53%	Engineer:	
Remark:			

Start of Test: 2023-10-13 20:45:03

Test Graph



Suspected Data List

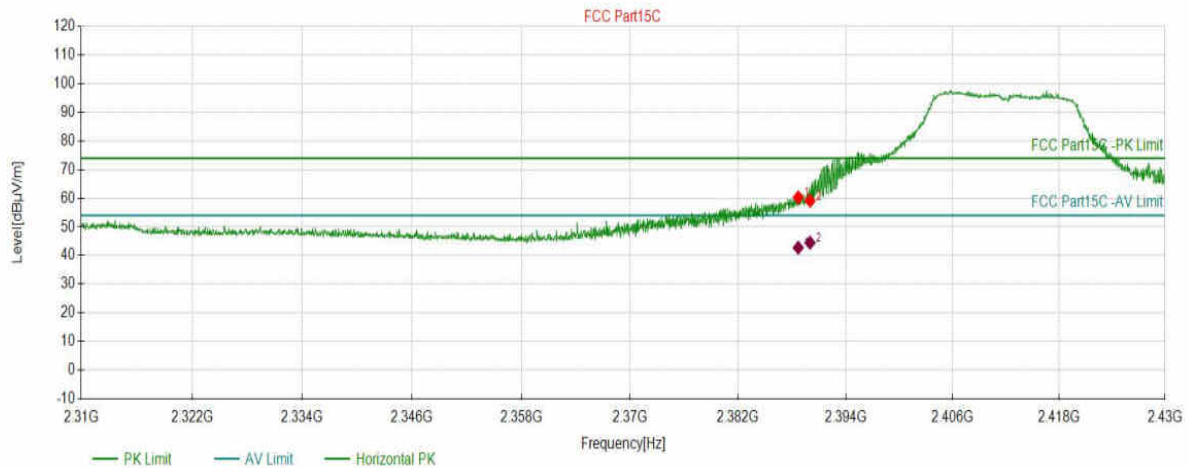
NO.	Freq. (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Detector	Polarity
1	2483.5168	44.89	6.50	74.00	29.11	150	67	PK	Vertical
2	2532.8414	46.76	6.67	74.00	27.24	150	103	PK	Vertical

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11G_2412	Voltage:	AC 230V/50Hz
Environment:	23.5℃ 53%	Engineer:	
Remark:			

Start of Test: 2023-10-13 20:49:46

Test Graph



Suspected Data List

NO.	Freq. (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Detector	Polarity
1	2388.7062	60.30	5.95	74.00	13.70	150	160	PK	Horizontal
2	2390.0267	59.10	5.95	74.00	14.90	150	172	PK	Horizontal

AV Final Data List

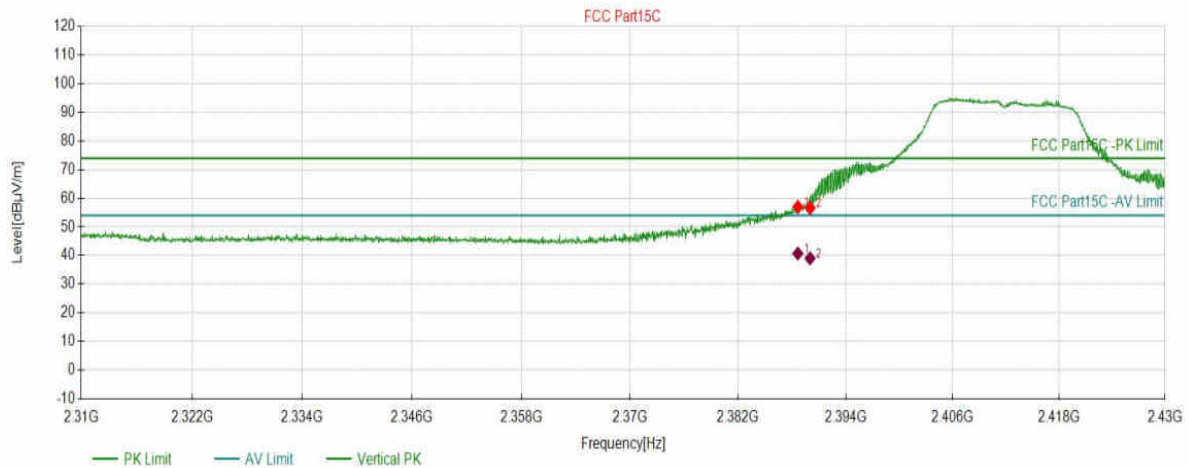
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2388.7062	5.95	42.75	54.00	11.25	185.2	162.2	Horizontal
2	2390.0267	5.95	44.49	54.00	9.51	163.8	162.3	Horizontal

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11G_2412	Voltage:	AC 230V/50Hz
Environment:	23.5℃ 53%	Engineer:	
Remark:			

Start of Test: 2023-10-13 20:50:57

Test Graph



Suspected Data List

NO.	Freq. (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Detector	Polarity
1	2388.6662	56.98	5.95	74.00	17.02	150	88	PK	Vertical
2	2390.0267	56.59	5.95	74.00	17.41	150	88	PK	Vertical

AV Final Data List

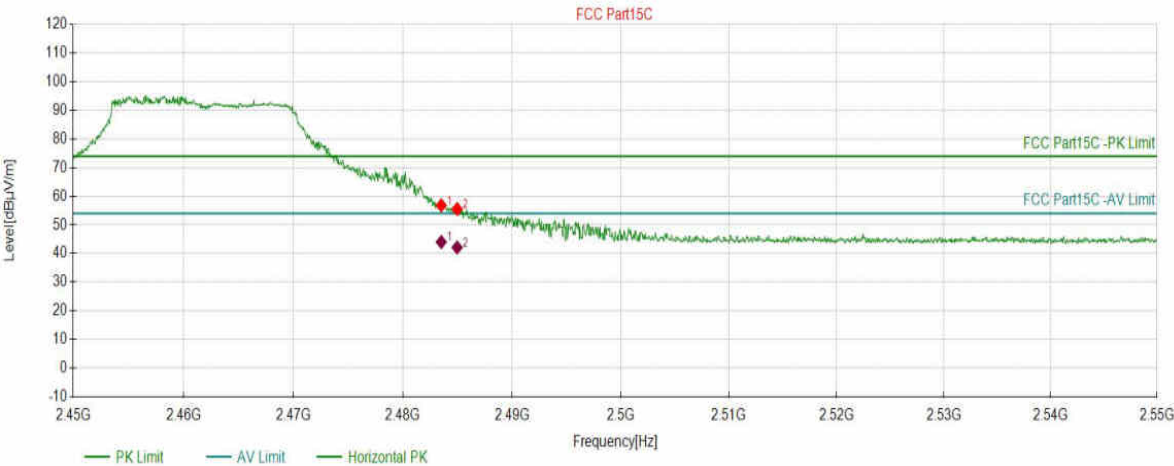
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2388.6660	5.95	40.70	54.00	13.30	150	88.1	Vertical
2	2390.0267	5.95	39.03	54.00	14.97	150	167.9	Vertical

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11G_2462	Voltage:	AC 230V/50Hz
Environment:	23.5℃ 53%	Engineer:	
Remark:			

Start of Test: 2023-10-13 21:07:30

Test Graph



Suspected Data List

NO.	Freq. (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Detector	Polarity
1	2483.5168	56.82	6.50	74.00	17.18	150	66	PK	Horizontal
2	2484.9675	55.56	6.51	74.00	18.44	150	120	PK	Horizontal

AV Final Data List

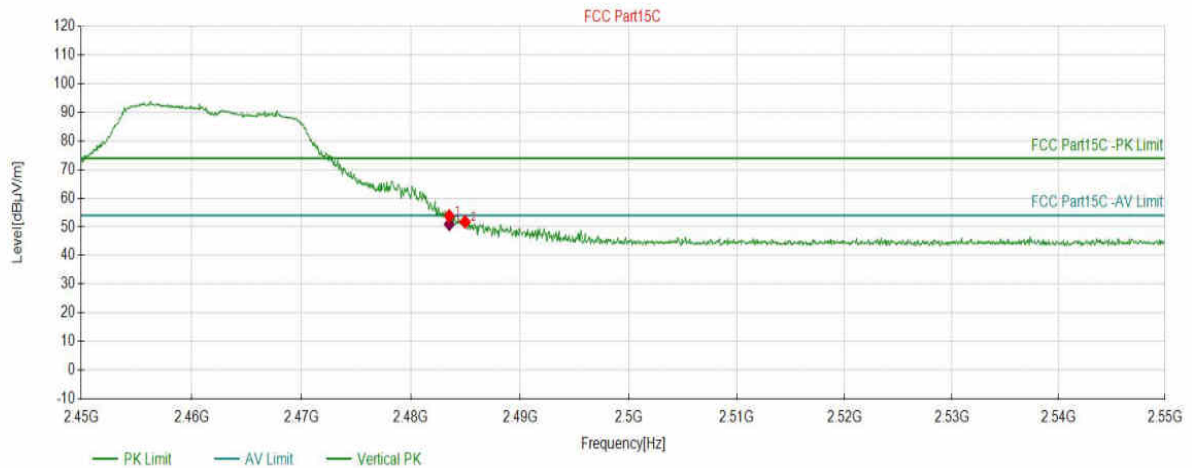
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.5170	6.50	44.04	54.00	9.96	157	123.1	Horizontal
2	2484.9674	6.51	42.11	54.00	11.89	157.1	126.2	Horizontal

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11G_2462	Voltage:	AC 230V/50Hz
Environment:	23.5℃ 53%	Engineer:	
Remark:			

Start of Test: 2023-10-13 21:08:15

Test Graph



Suspected Data List

NO.	Freq. (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Detector	Polarity
1	2483.5168	53.82	6.50	74.00	20.18	150	5	PK	Vertical
2	2484.9675	51.76	6.51	74.00	22.24	150	3	PK	Vertical

AV Final Data List

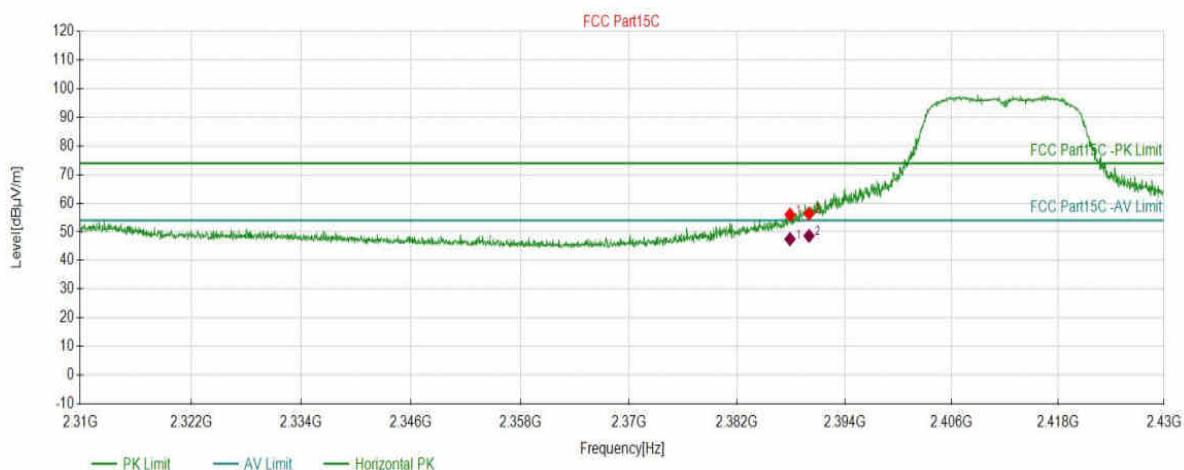
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.5167	6.50	50.93	54.00	3.07	181.5	100.4	Vertical

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11N20_2412	Voltage:	DC 3.3V+/-0.3
Environment:	23.5℃ 53%	Engineer:	
Remark:			

Start of Test: 2023-10-18 09:29:15

Test Graph



Suspected Data List

NO.	Freq. (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Detector	Polarity
1	2387.9060	55.99	5.95	74.00	18.01	150	172	PK	Horizontal
2	2390.0267	56.34	5.95	74.00	17.66	150	172	PK	Horizontal

AV Final Data List

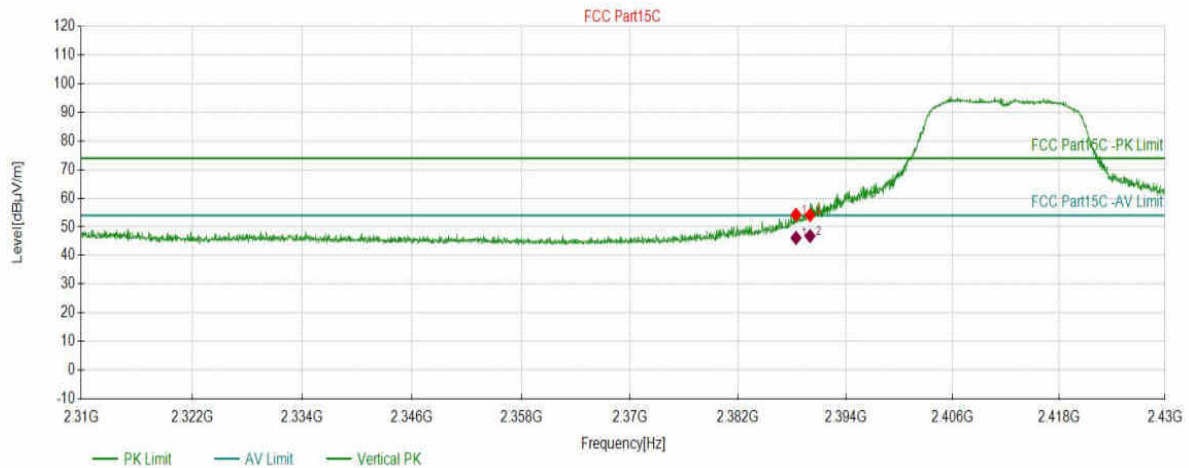
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2387.9060	5.95	47.47	54.00	6.53	150	172	Horizontal
2	2390.0267	5.95	48.63	54.00	5.37	150	172	Horizontal

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11N20_2412	Voltage:	DC 3.3V+/-0.3
Environment:	23.5℃ 53%	Engineer:	
Remark:			

Start of Test: 2023-10-18 09:30:00

Test Graph



Suspected Data List

NO.	Freq. (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Detector	Polarity
1	2388.4662	54.25	5.95	74.00	19.75	150	68	PK	Vertical
2	2390.0267	54.07	5.95	74.00	19.93	150	130	PK	Vertical

AV Final Data List

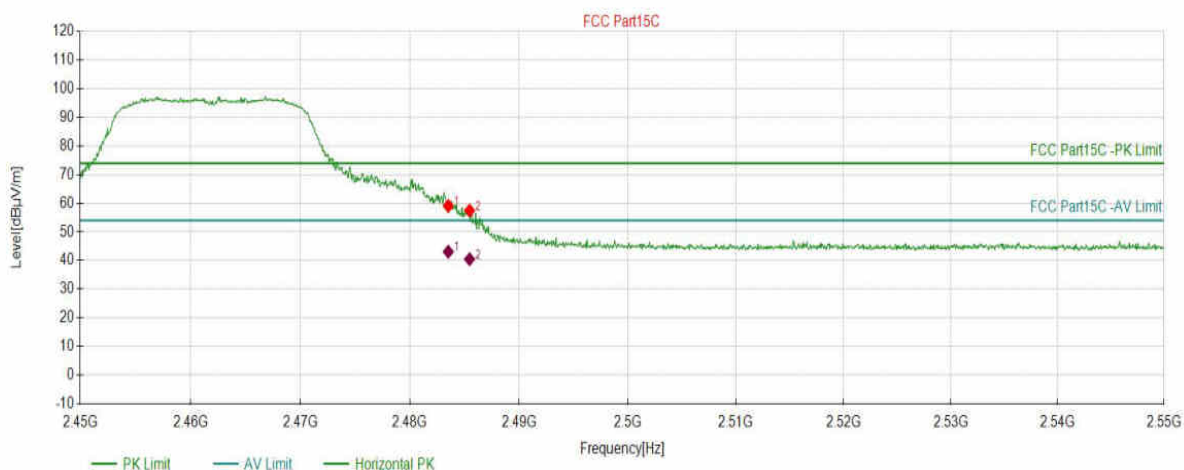
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2388.4662	5.95	46.16	54.00	7.84	150	68	Vertical
2	2390.0267	5.95	46.81	54.00	7.19	150	130	Vertical

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11N20_2462	Voltage:	DC 3.3V+/-0.3
Environment:	23.5℃ 53%	Engineer:	
Remark:			

Start of Test: 2023-10-18 09:44:34

Test Graph



Suspected Data List

NO.	Freq. (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Detector	Polarity
1	2483.5168	59.07	6.50	74.00	14.93	150	123	PK	Horizontal
2	2485.4677	57.43	6.51	74.00	16.57	150	174	PK	Horizontal

AV Final Data List

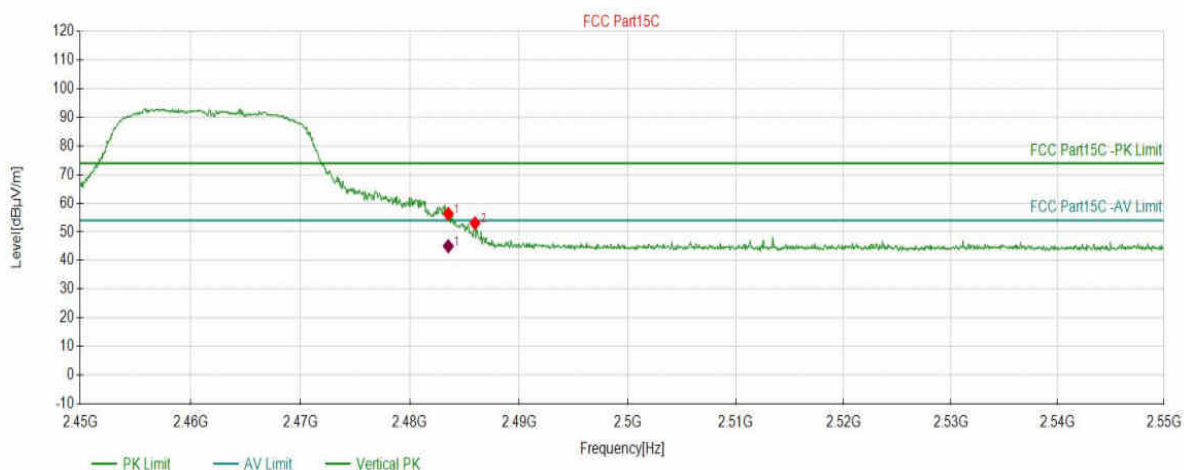
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.5170	6.50	43.07	54.00	10.93	157	228.5	Horizontal
2	2485.4678	6.51	40.48	54.00	13.52	250	107.8	Horizontal

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11N20_2462	Voltage:	DC 3.3V+/-0.3
Environment:	23.5℃ 53%	Engineer:	
Remark:			

Start of Test: 2023-10-18 09:45:27

Test Graph



Suspected Data List

NO.	Freq. (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Detector	Polarity
1	2483.5168	56.29	6.50	74.00	17.71	150	207	PK	Vertical
2	2485.9680	53.04	6.52	74.00	20.96	150	5	PK	Vertical

AV Final Data List

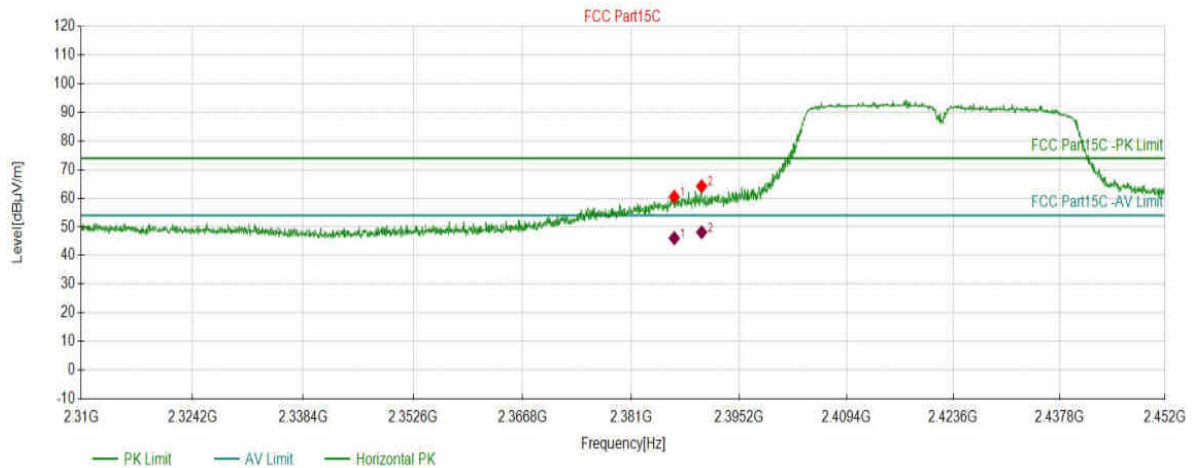
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.5168	6.50	45.00	54.00	9.00	150	207	Vertical

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11N40_2422	Voltage:	DC 3.3V+/-0.3
Environment:	23.5℃ 53%	Engineer:	
Remark:			

Start of Test: 2023-10-18 09:56:41

Test Graph



Suspected Data List

NO.	Freq. (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Detector	Polarity
1	2386.6582	60.47	5.95	74.00	13.53	150	172	PK	Horizontal
2	2390.2568	64.20	5.95	74.00	9.80	150	172	PK	Horizontal

AV Final Data List

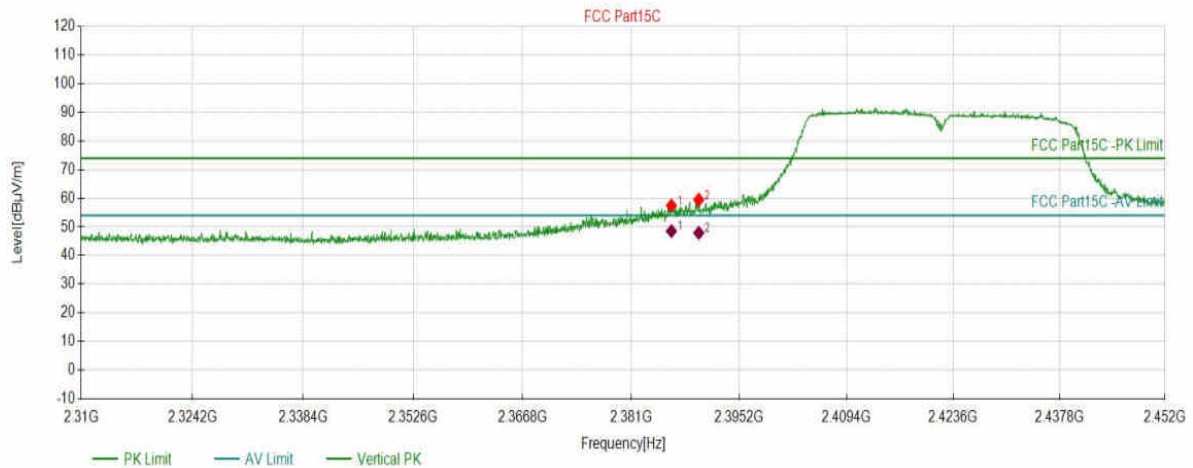
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2386.6582	5.95	46.07	54.00	7.93	150	172	Horizontal
2	2390.2568	5.95	48.14	54.00	5.86	164.3	174.1	Horizontal

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11N40_2422	Voltage:	DC 3.3V+/-0.3
Environment:	23.5℃ 53%	Engineer:	
Remark:			

Start of Test: 2023-10-18 09:57:26

Test Graph



Suspected Data List

NO.	Freq. (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Detector	Polarity
1	2386.2794	57.45	5.95	74.00	16.55	150	63	PK	Vertical
2	2389.8780	59.48	5.95	74.00	14.52	150	63	PK	Vertical

AV Final Data List

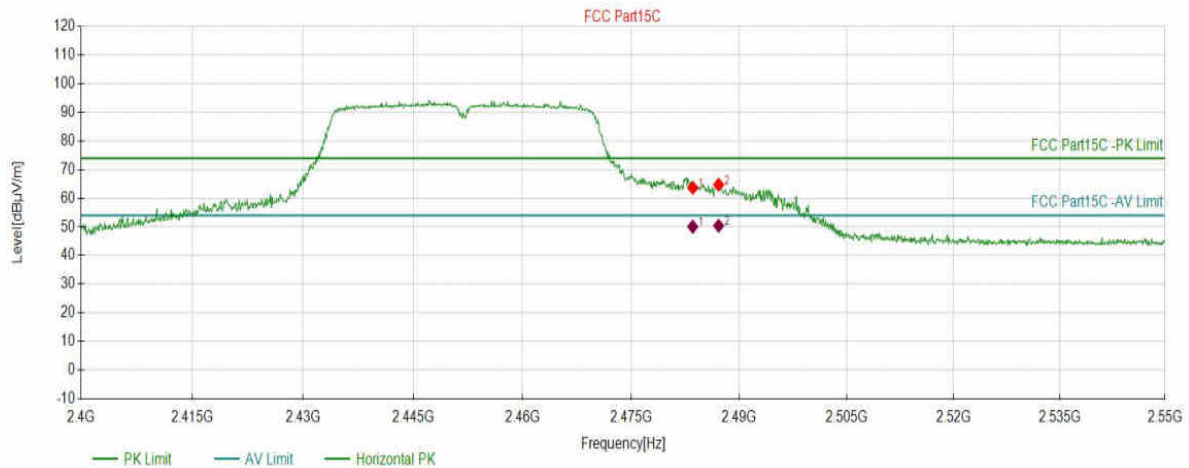
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2386.2794	5.95	48.54	54.00	5.46	150	63	Vertical
2	2389.8780	5.95	47.91	54.00	6.09	150	63	Vertical

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11N40_2452	Voltage:	DC 3.3V+/-0.3
Environment:	23.5℃ 53%	Engineer:	
Remark:			

Start of Test: 2023-10-18 10:03:00

Test Graph



Suspected Data List

NO.	Freq. (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Detector	Polarity
1	2483.5168	63.67	6.50	74.00	10.33	150	109	PK	Horizontal
2	2487.1186	64.71	6.52	74.00	9.29	150	170	PK	Horizontal

AV Final Data List

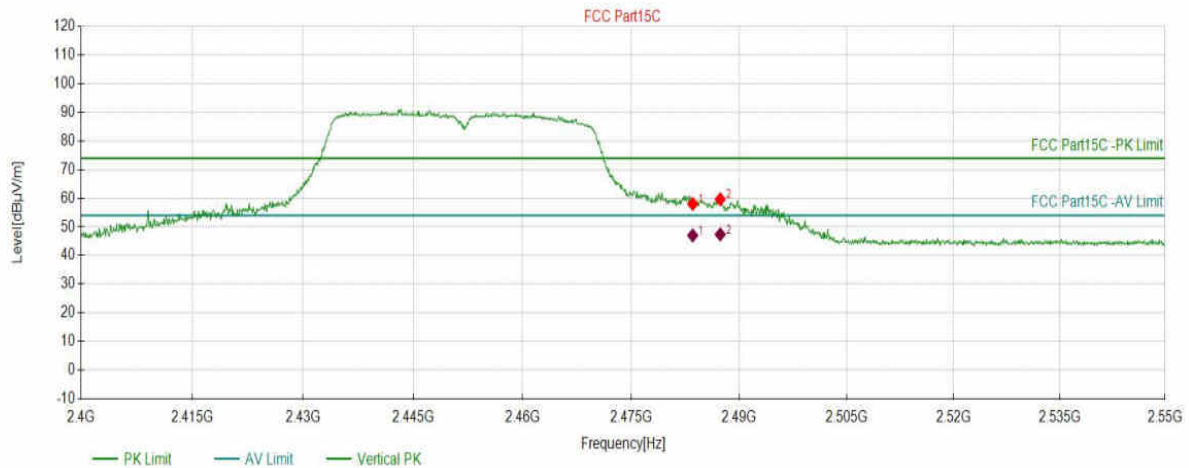
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.5168	6.50	50.06	54.00	3.94	150	109	Horizontal
2	2487.1185	6.52	50.41	54.00	3.59	155	169.7	Horizontal

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11N40_2452	Voltage:	DC 3.3V+/-0.3
Environment:	23.5℃ 53%	Engineer:	
Remark:			

Start of Test: 2023-10-18 10:03:53

Test Graph



Suspected Data List

NO.	Freq. (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Detector	Polarity
1	2483.5168	58.02	6.50	74.00	15.98	150	5	PK	Vertical
2	2487.3437	59.63	6.53	74.00	14.37	150	64	PK	Vertical

AV Final Data List

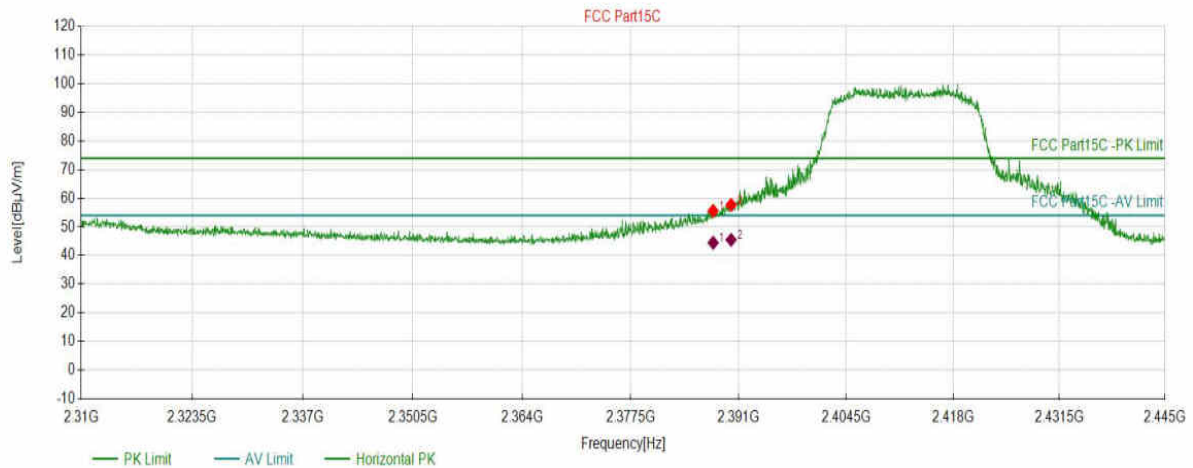
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.5168	6.50	47.02	54.00	6.98	150	5	Vertical
2	2487.3437	6.53	47.39	54.00	6.61	150	64	Vertical

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11AX20_2412	Voltage:	DC 3.3V+/-0.3
Environment:	23.5℃ 53%	Engineer:	
Remark:			

Start of Test: 2023-10-18 10:10:13

Test Graph



Suspected Data List

NO.	Freq. (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Detector	Polarity
1	2387.7859	55.63	5.95	74.00	18.37	150	164	PK	Horizontal
2	2390.0367	57.70	5.95	74.00	16.30	150	169	PK	Horizontal

AV Final Data List

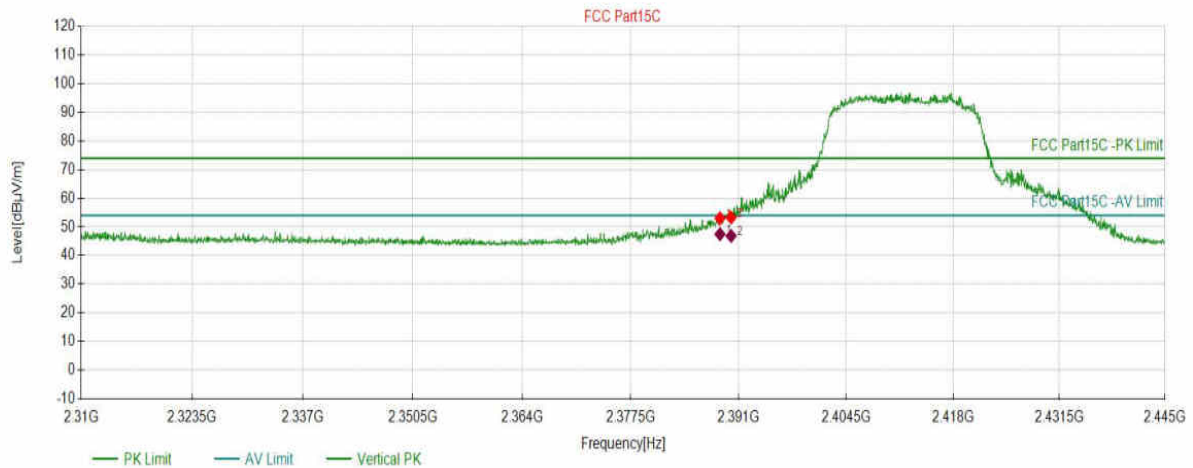
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2387.7859	5.95	44.47	54.00	9.53	150	164	Horizontal
2	2390.0369	5.95	45.48	54.00	8.52	164.4	173.8	Horizontal

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11AX20_2412	Voltage:	DC 3.3V+/-0.3
Environment:	23.5℃ 53%	Engineer:	
Remark:			

Start of Test: 2023-10-18 10:10:59

Test Graph



Suspected Data List

NO.	Freq. (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Detector	Polarity
1	2388.6412	52.98	5.95	74.00	21.02	150	66	PK	Vertical
2	2390.0367	53.26	5.95	74.00	20.74	150	123	PK	Vertical

AV Final Data List

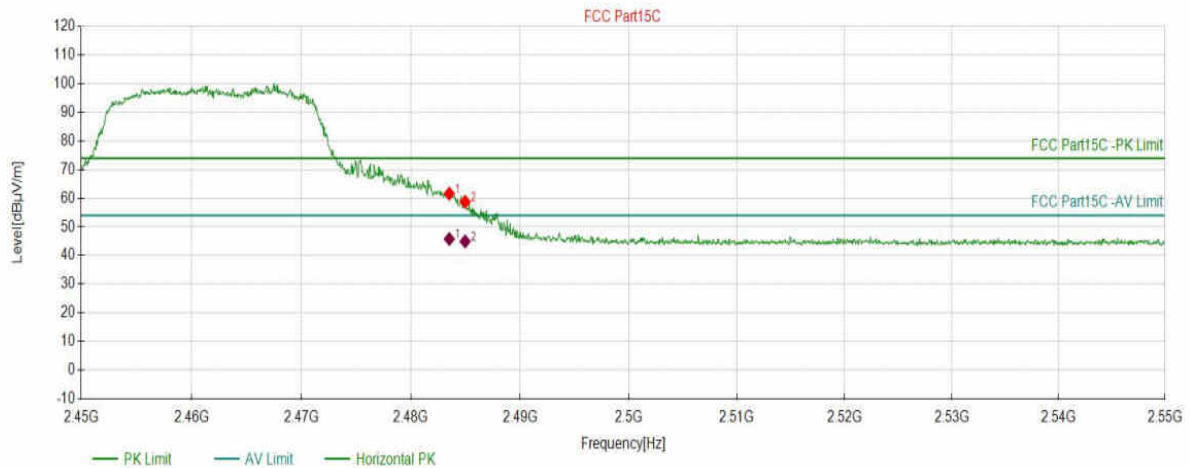
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2388.6412	5.95	47.47	54.00	6.53	150	66	Vertical
2	2390.0367	5.95	46.84	54.00	7.16	150	123	Vertical

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11AX20_2462	Voltage:	DC 3.3V+/-0.3
Environment:	23.5℃ 53%	Engineer:	
Remark:			

Start of Test: 2023-10-18 10:16:46

Test Graph



Suspected Data List

NO.	Freq. (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Detector	Polarity
1	2483.5168	61.61	6.50	74.00	12.39	150	108	PK	Horizontal
2	2484.9675	58.74	6.51	74.00	15.26	150	112	PK	Horizontal

AV Final Data List

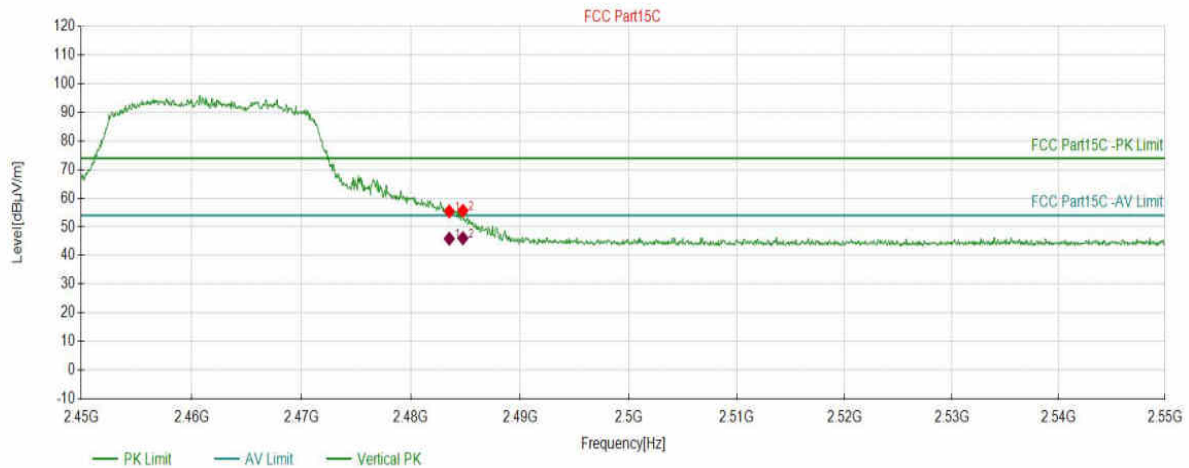
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.5169	6.50	45.78	54.00	8.22	154.9	111	Horizontal
2	2484.9675	6.51	44.93	54.00	9.07	150	112	Horizontal

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11AX20_2462	Voltage:	DC 3.3V+/-0.3
Environment:	23.5℃ 53%	Engineer:	
Remark:			

Start of Test: 2023-10-18 10:17:39

Test Graph



Suspected Data List

NO.	Freq. (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Detector	Polarity
1	2483.5168	55.42	6.50	74.00	18.58	150	5	PK	Vertical
2	2484.7674	55.66	6.51	74.00	18.34	150	208	PK	Vertical

AV Final Data List

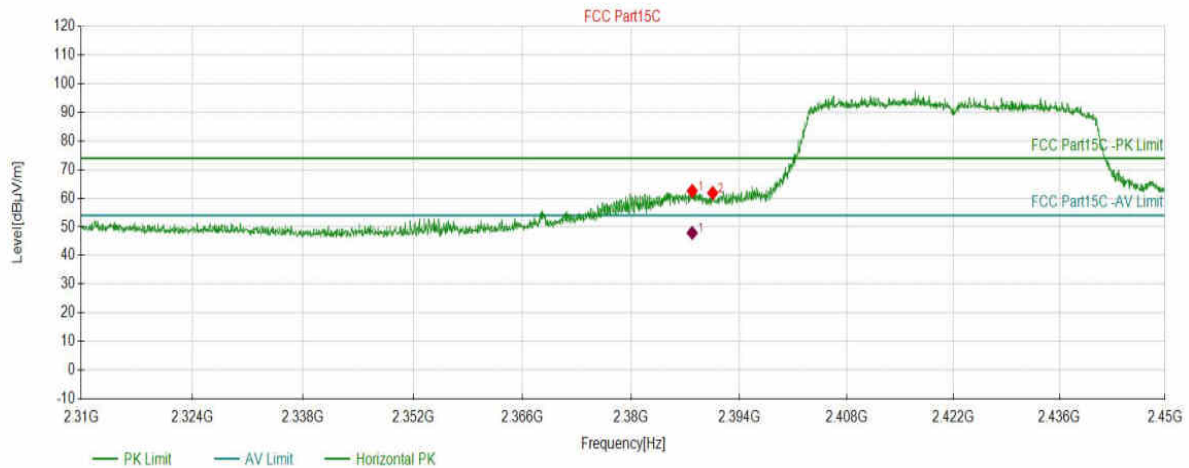
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.5168	6.50	45.88	54.00	8.12	150	5	Vertical
2	2484.7674	6.51	46.04	54.00	7.96	150	208	Vertical

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11AX40_2422	Voltage:	DC 3.3V+/-0.3
Environment:	23.5℃ 53%	Engineer:	
Remark:			

Start of Test: 2023-10-18 10:24:47

Test Graph



Suspected Data List

NO.	Freq. (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Detector	Polarity
1	2387.9126	62.57	5.95	74.00	11.43	150	172	PK	Horizontal
2	2390.5735	61.81	5.95	74.00	12.19	150	172	PK	Horizontal

AV Final Data List

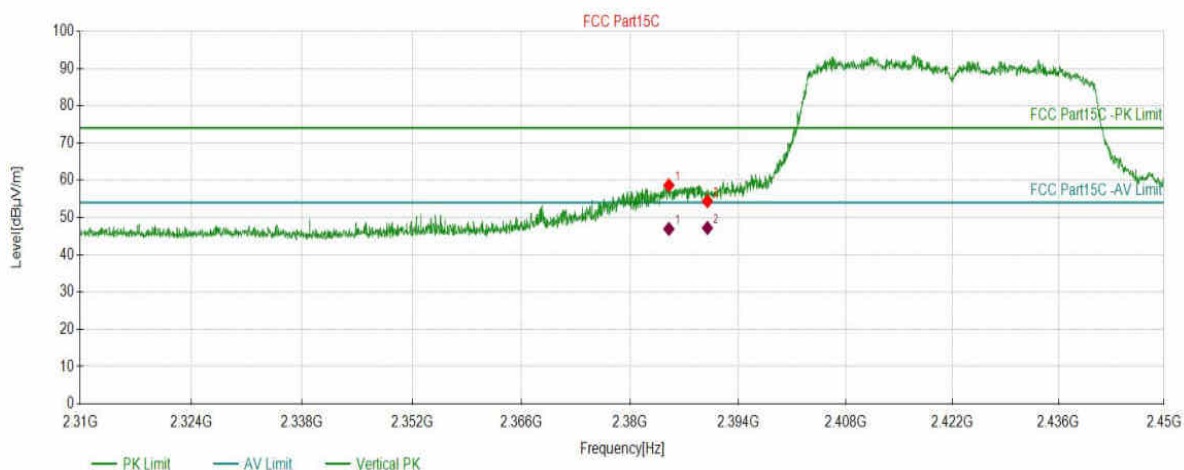
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2387.9128	5.95	47.89	54.00	6.11	164.1	173.5	Horizontal

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB	Environment:	23.5°C 53%
Model:	SKI.WB800DU1.9	SN:	
Mode:	11AX40_2422	Voltage:	DC 3.3V+/-0.3
Customer:		Engineer:	
Remark:	1 2 8		

Start of Test: 2023-10-18 10:25:32

Test Graph



Suspected Data List

NO.	Freq. (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Detector	Polarity
1	2385.0183	58.64	5.95	74.00	15.36	150	125	PK	Vertical
2	2390.0133	54.38	5.95	74.00	19.62	150	60	PK	Vertical

AV Final Data List

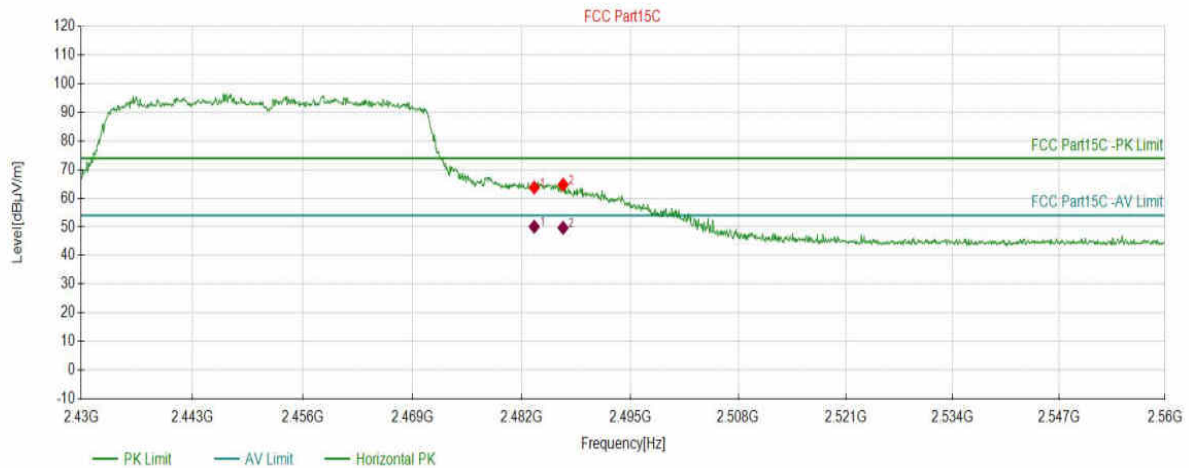
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2385.0183	5.95	46.93	54.00	7.07	150	125	Vertical
2	2390.0133	5.95	47.20	54.00	6.80	150	60	Vertical

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11AX40_2452	Voltage:	DC 3.3V+/-0.3
Environment:	23.5℃ 53%	Engineer:	
Remark:			

Start of Test: 2023-10-18 10:37:06

Test Graph



Suspected Data List

NO.	Freq. (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Detector	Polarity
1	2483.5218	63.72	6.50	74.00	10.28	150	171	PK	Horizontal
2	2486.9685	64.72	6.52	74.00	9.28	150	178	PK	Horizontal

AV Final Data List

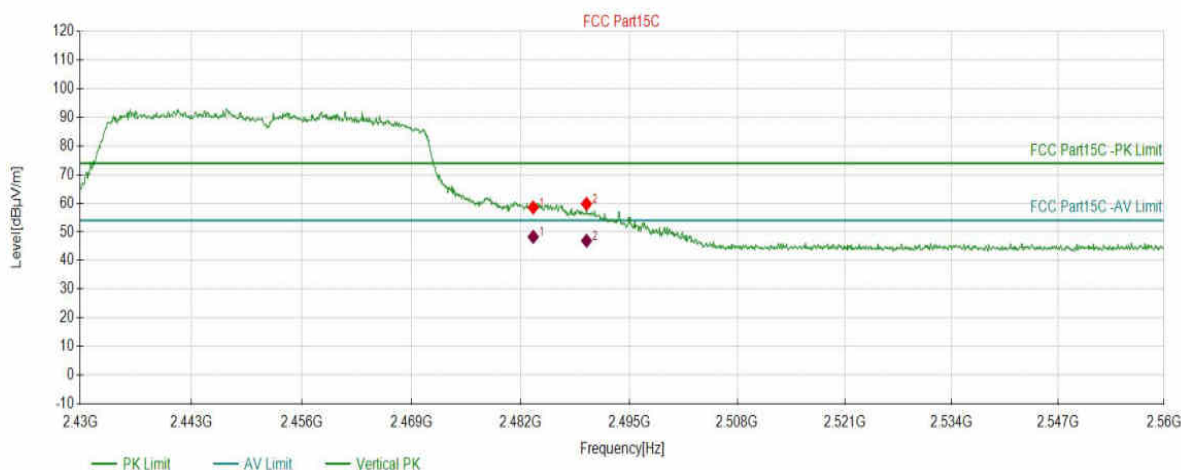
NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.5218	6.50	50.06	54.00	3.94	150	171	Horizontal
2	2486.9684	6.52	49.67	54.00	4.33	155	170.6	Horizontal

Test Report

Project Information			
EUT:	IEEE 802.11b/g/n/ax 1T1R USB Wi-Fi Module Integrated BT 5.2		
Model:	SKI.WB800DU1.9	SN:	
Mode:	11AX40_2452	Voltage:	DC 3.3V+/-0.3
Environment:	23.5℃ 53%	Engineer:	
Remark:			

Start of Test: 2023-10-18 10:37:59

Test Graph



Suspected Data List

NO.	Freq. (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Detector	Polarity
1	2483.5218	58.52	6.50	74.00	15.48	150	5	PK	Vertical
2	2489.8949	59.79	6.54	74.00	14.21	150	2	PK	Vertical

AV Final Data List

NO.	Freq. (MHz)	Factor (dB)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2483.5218	6.50	48.28	54.00	5.72	150	5	Vertical
2	2489.8949	6.54	46.90	54.00	7.10	150	2	Vertical

END OF REPORT