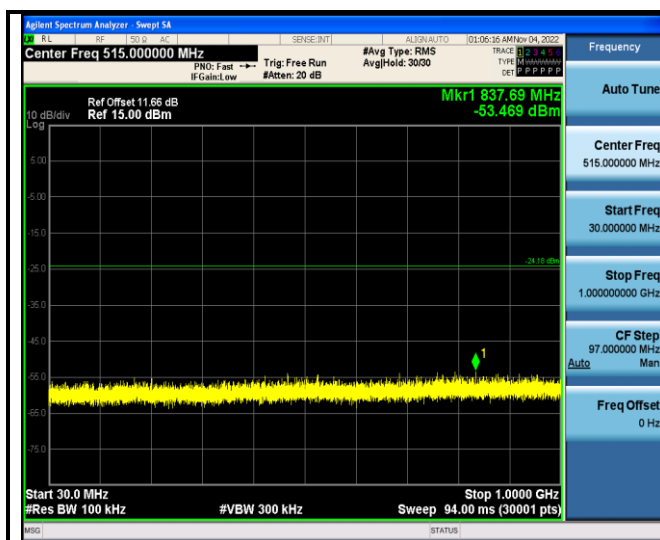
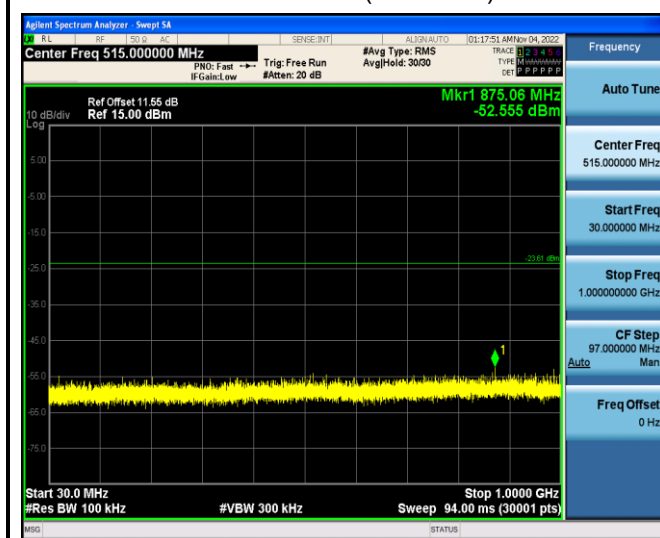
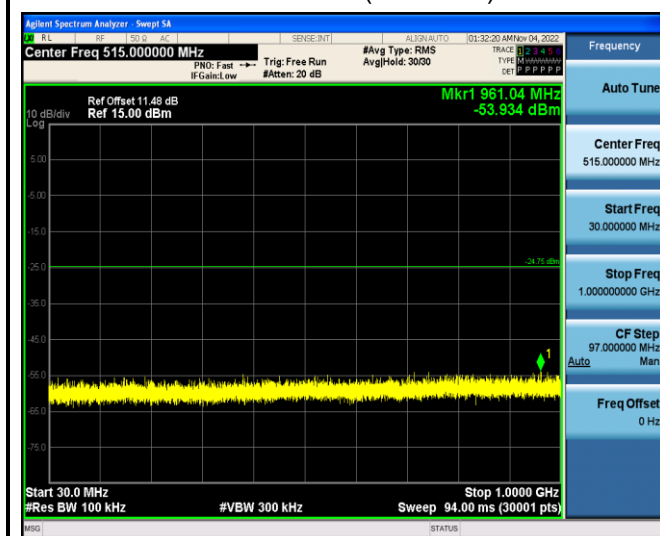




Mode 2 CH06 (2437MHz)



Mode 2 CH11 (2462MHz)



Mode 3 CH01 (2412MHz)



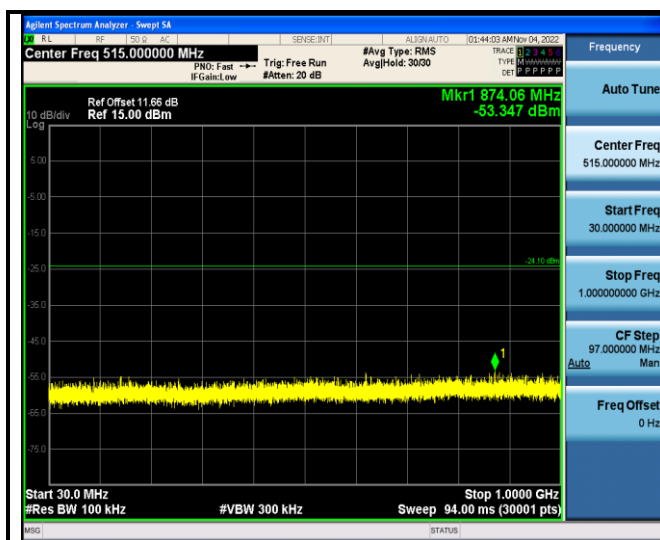
Mode 2 CH06 (2437MHz)



Mode 2 CH11 (2462MHz)



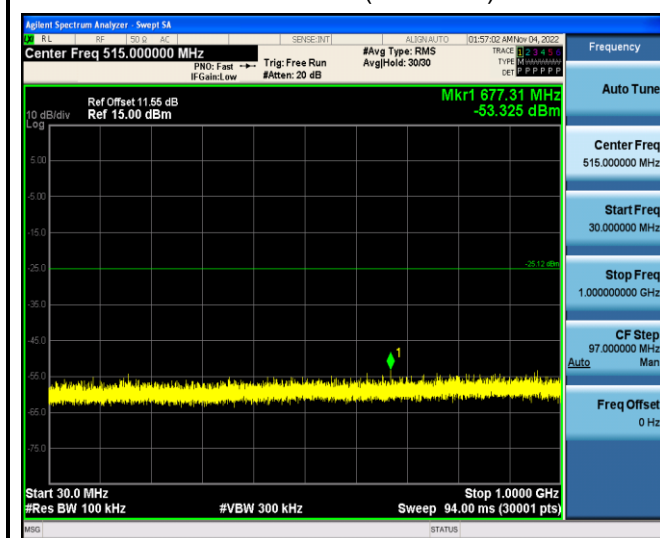
Mode 3 CH01 (2412MHz)



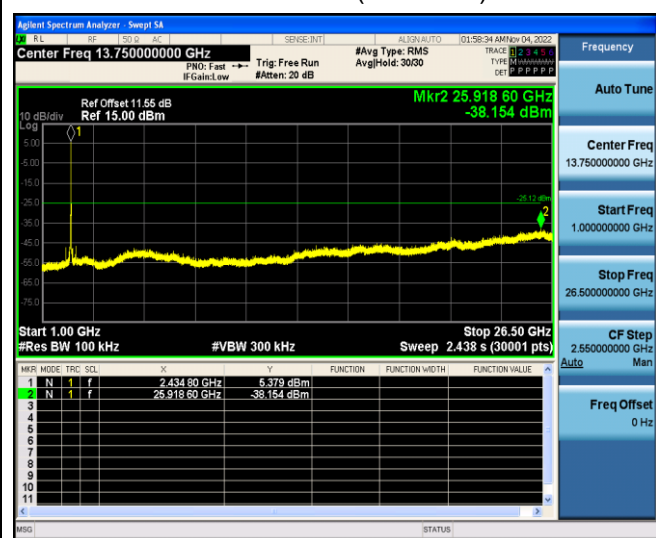
Mode 3 CH06 (2437MHz)



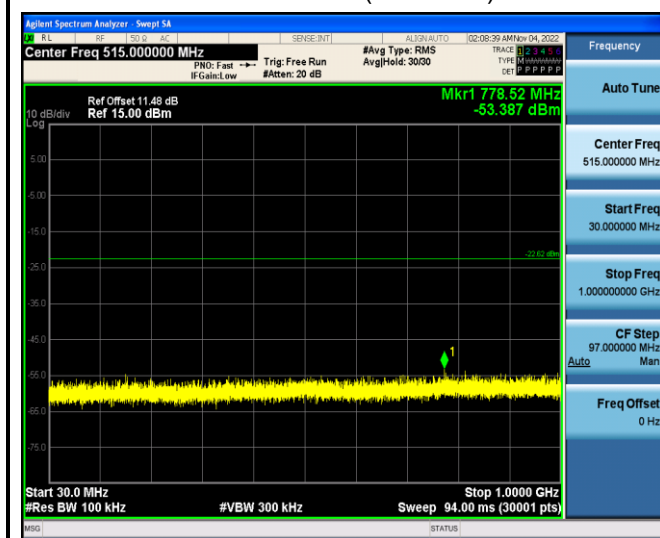
Mode 3 CH06 (2437MHz)



Mode 3 CH11 (2462MHz)

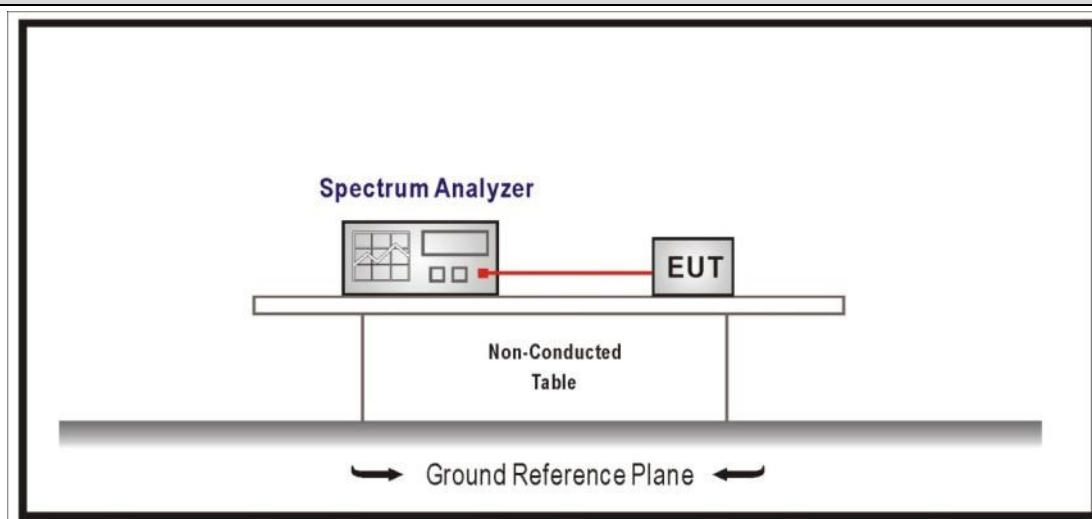


Mode 3 CH11 (2462MHz)



4.4 Duty cycle**VERDICT: PASS****4.4.1 Limit**

N/A

4.4.2 Test Setup**4.4.3 Test Procedure**

References Rule		Chapter	Description
☒	ANSI C63.10	11.6	Duty cycle (D), transmission duration (T), and maximum power control level

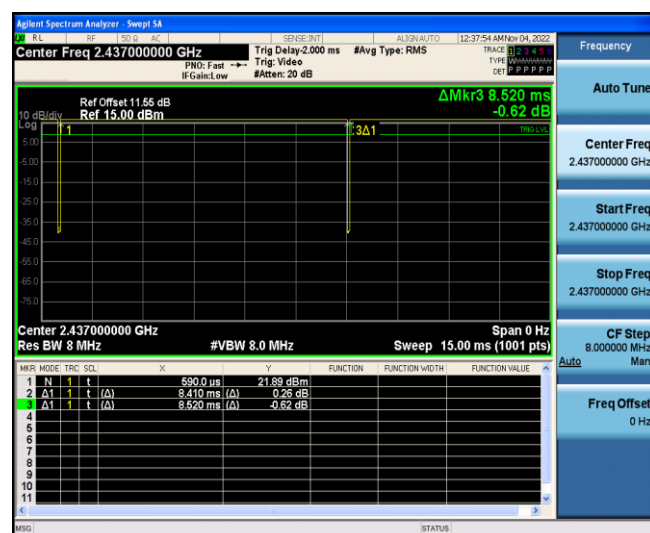
4.4.4 Test Data

Test Mode	Tx On (ms)	VBW (kHz)	Tx On + Tx Off (ms)	Duty Cycle (%)
Mode 1	8.41	3000	8.52	98.71
Mode 2	1.40	0.76	1.50	93.33
Mode 3	1.30	0.76	1.41	92.20

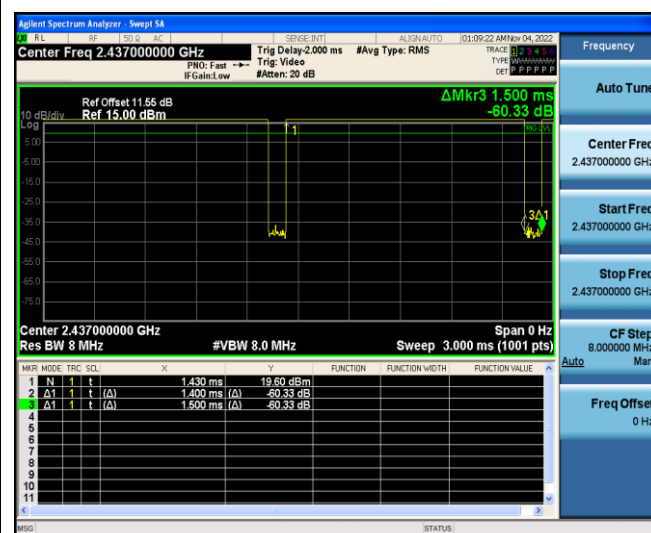
Note 1: T means the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

Note 2: According to C63.10, if continuous transmission of the EUT ($D \geq 98\%$) cannot be achieved and the duty cycle is constant (duty cycle variations are less than $\pm 2\%$), for Radiated Emission Band Edge and Radiated Emission, for average detector set: $VBW \geq 3RBW$ will be used; If continuous transmission of the EUT ($D \geq 98\%$) cannot be achieved and the duty cycle is not constant (duty cycle variations exceed $\pm 2\%$), when test for Radiated Emission Band Edge and Radiated Emission, for average detector set: $VBW \geq 1/T$ will be used.

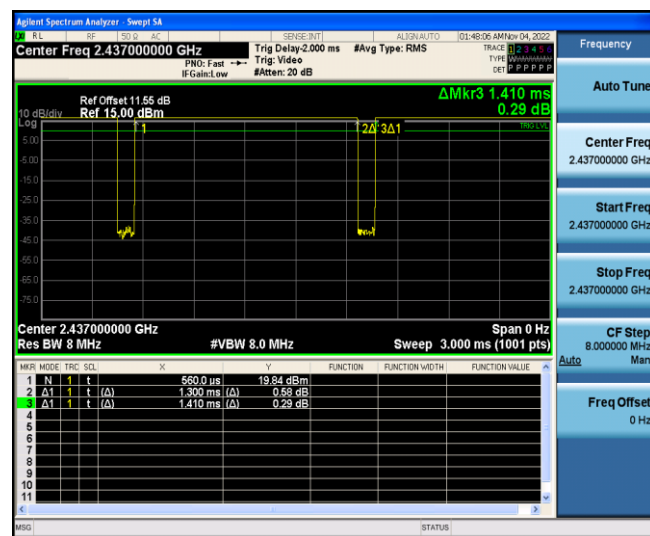
Mode 1 2437MHz



Mode 2 2437MHz



Mode 3 2437MHz



--

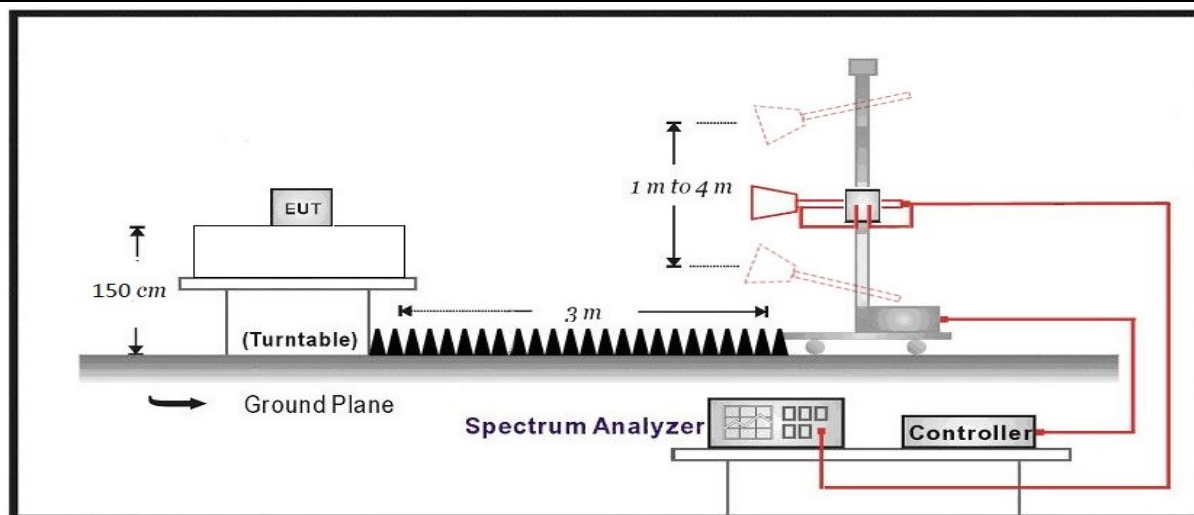
4.5 Radiated Emission Band Edge**VERDICT: PASS****4.5.1 Limit**

Standard		FCC Part 15 Subpart C Paragraph 15.247(d) , 15.205, 15.209		
Frequency bands (MHz)	Detector	Limit (dB μ V/m)	RBW (MHz)	Distance (m)
2310-2390 2483.5-2500	PK	74	1	3
	AV	54	1	3

Note: The field strength of emissions appearing within these frequency bands shall not exceed the limits.

4.5.2 Test Setup

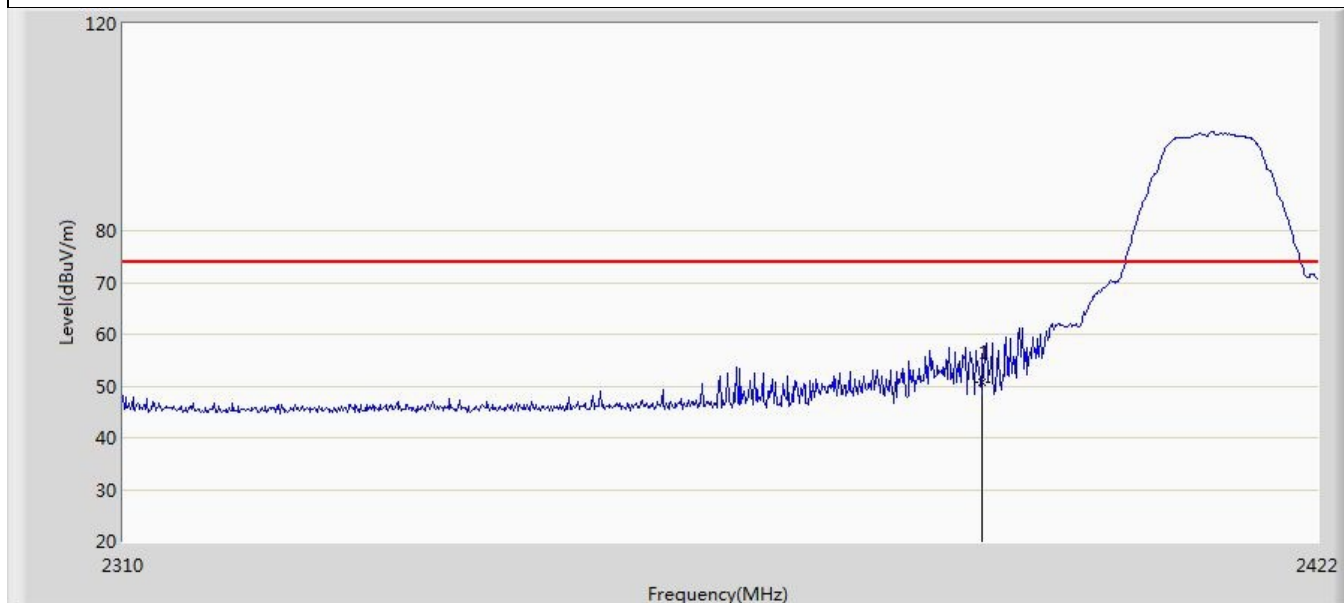
Above 1GHz Test Setup:



4.5.3 Test Procedure			
	References Rule	Chapter	Description
☒	ANSI C63.10	6.10	Band-edge testing
	☒ ANSI C63.10	6.10.5	Restricted-band band-edge measurements
	☐ ANSI C63.10	6.10.6	Marker-delta method
☒	ANSI C63.10	11.12	Emissions in restricted frequency bands
	☒ ANSI C63.10	11.12.1	Radiated emission measurements
	☒ ANSI C63.10	6.3	Radiated spurious emission test
☐	ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
☐	ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
☒	ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz

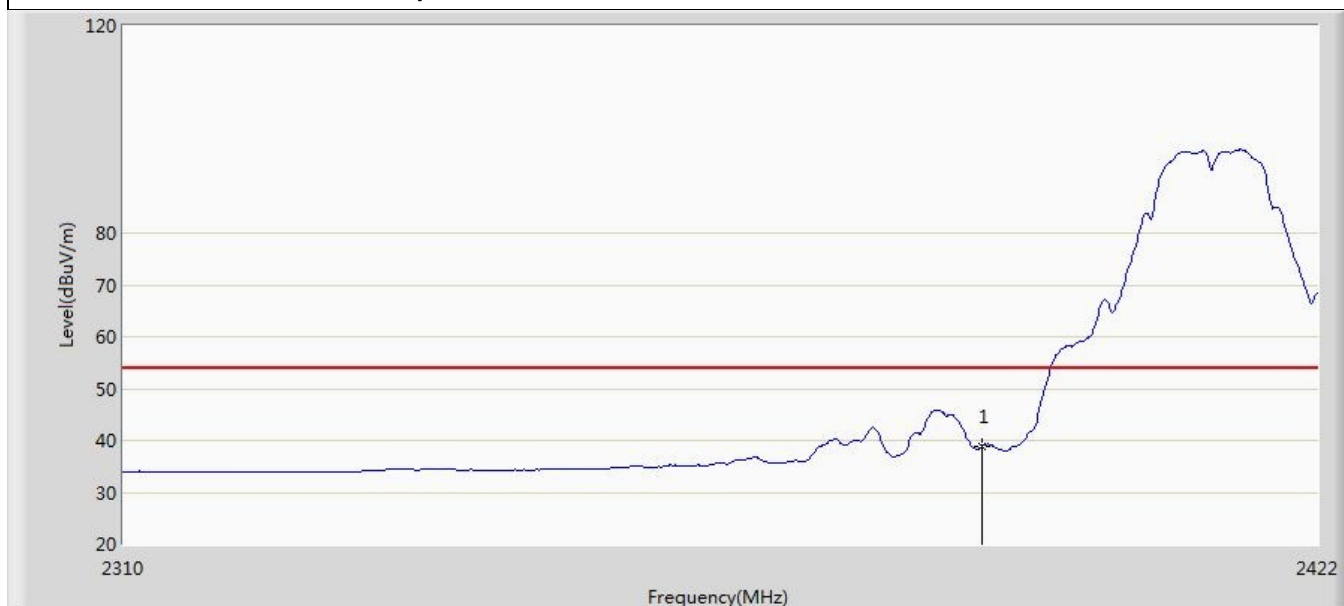
4.5.4 Test Data

Profile: 2290438R	Page No.: 37
Engineer: Yu Liu	
Site: AC5	Time: 2022/11/10 - 20:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Horizontal
EUT: BT & WLAN MODULE	Power: DC 3.3V
Note: Mode1: Transmit at 2412MHz by b	



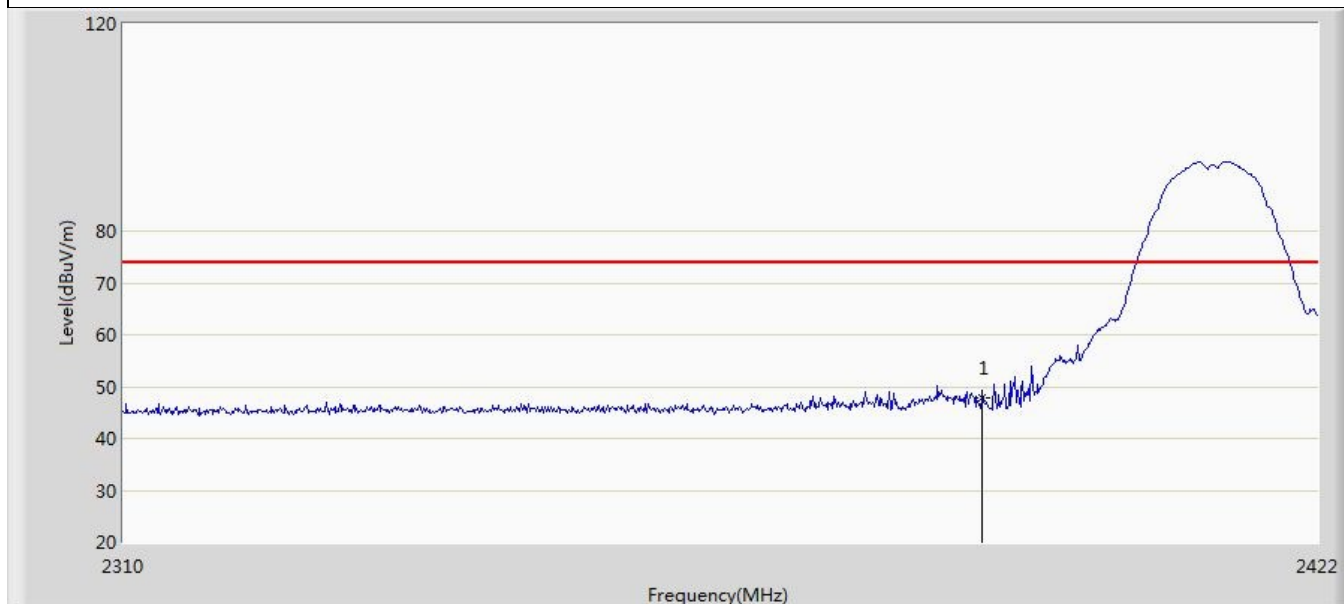
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2390.000	50.651	16.567	-23.349	74.000	34.084	PK

Profile: 2290438R	Page No.: 38
Engineer: Yu Liu	
Site: AC5	Time: 2022/11/10 - 20:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Horizontal
EUT: BT & WLAN MODULE	Power: DC 3.3V
Note: Mode1: Transmit at 2412MHz by b	



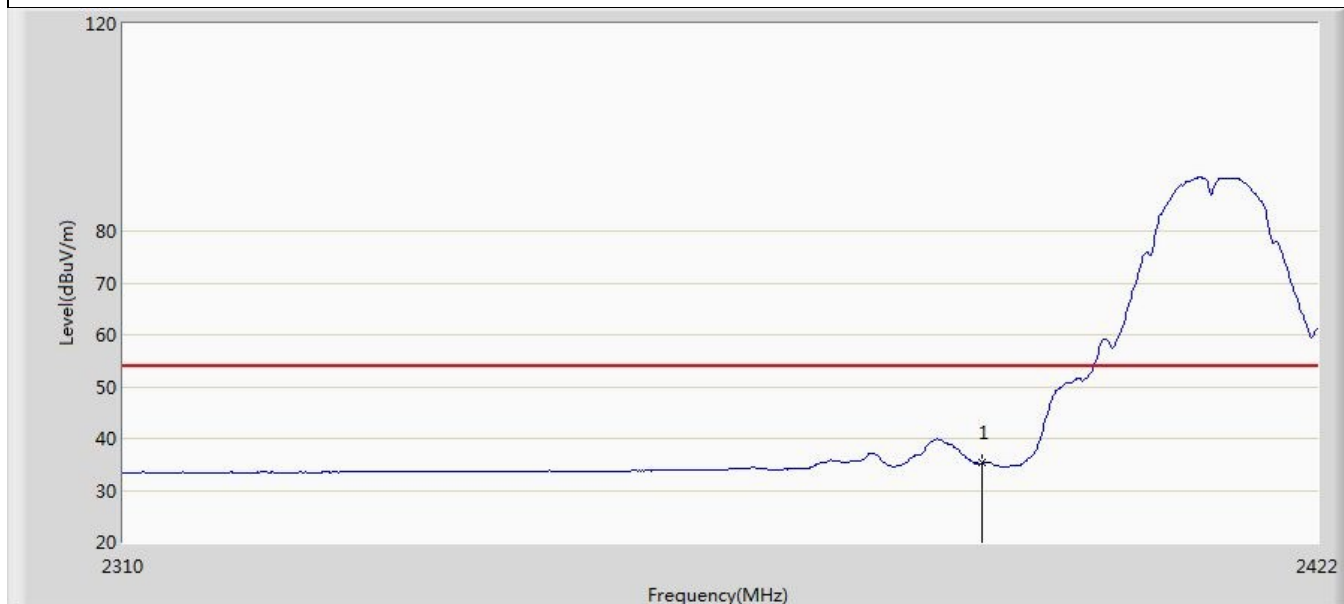
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2390.000	38.922	4.838	-15.078	54.000	34.084	AV

Profile: 2290438R	Page No.: 39
Engineer: Yu Liu	
Site: AC5	Time: 2022/11/10 - 20:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Vertical
EUT: BT & WLAN MODULE	Power: DC 3.3V
Note: Mode1: Transmit at 2412MHz by b	



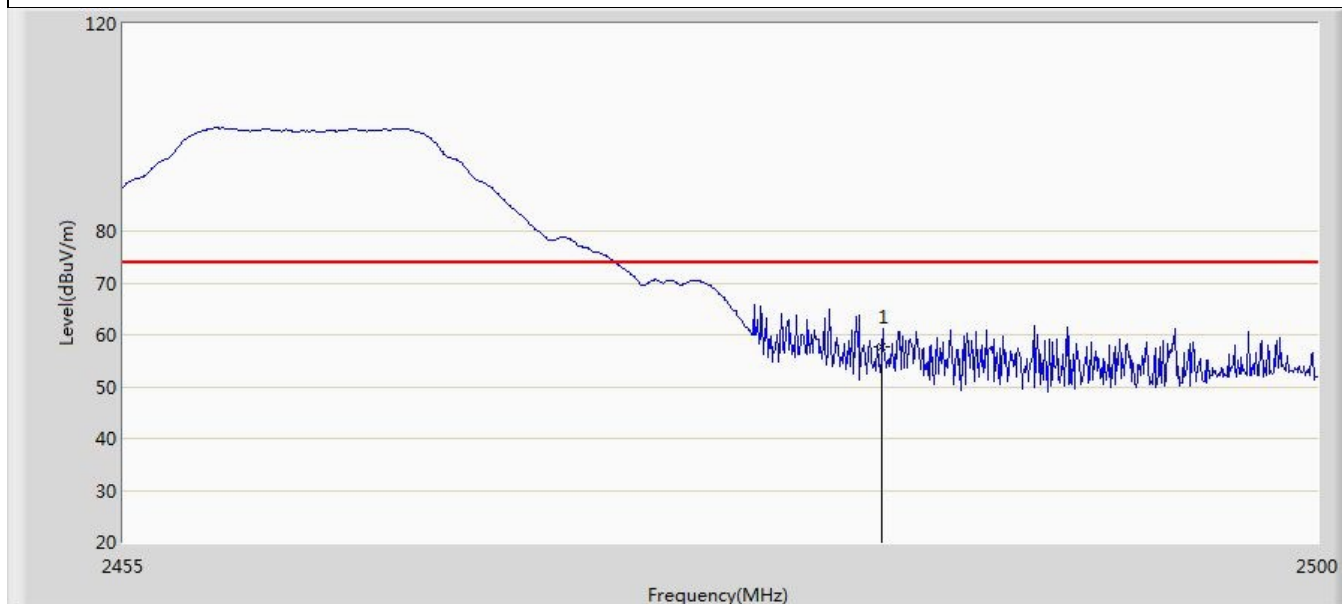
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2390.000	47.937	13.853	-26.063	74.000	34.084	PK

Profile: 2290438R	Page No.: 40
Engineer: Yu Liu	
Site: AC5	Time: 2022/11/10 - 20:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Vertical
EUT: BT & WLAN MODULE	Power: DC 3.3V
Note: Mode1: Transmit at 2412MHz by b	



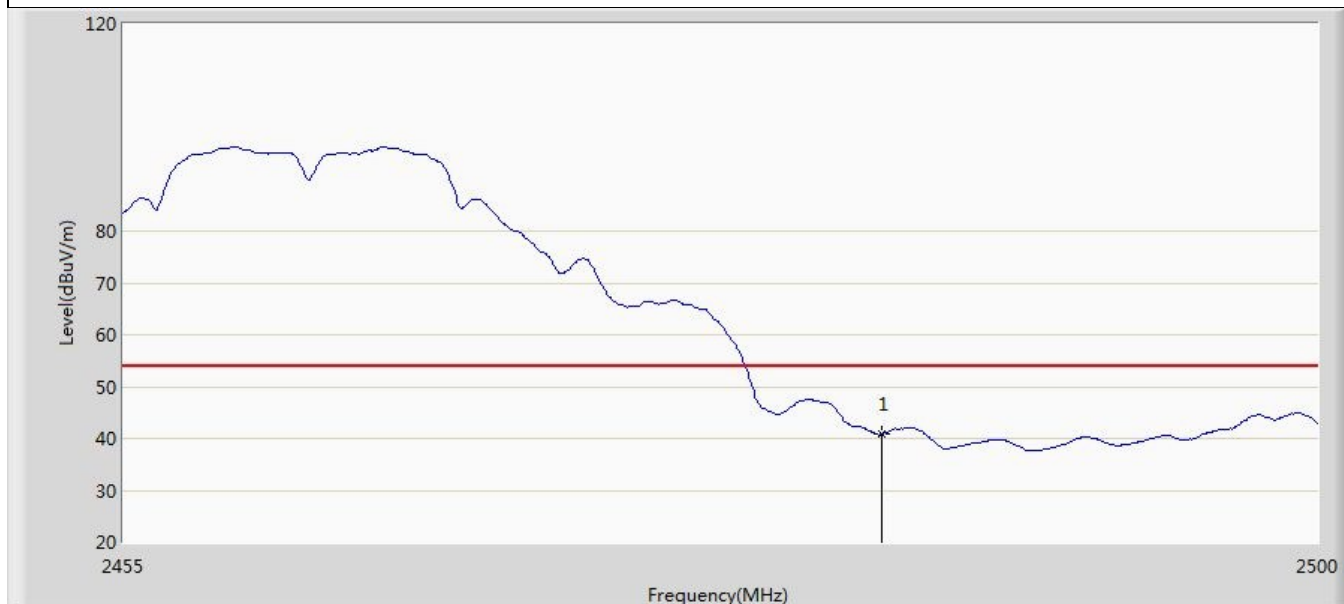
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2390.000	35.273	1.189	-18.727	54.000	34.084	AV

Profile: 2290438R	Page No.: 41
Engineer: Yu Liu	
Site: AC5	Time: 2022/11/10 - 20:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Horizontal
EUT: BT & WLAN MODULE	Power: DC 3.3V
Note: Mode1: Transmit at 2462MHz by b	



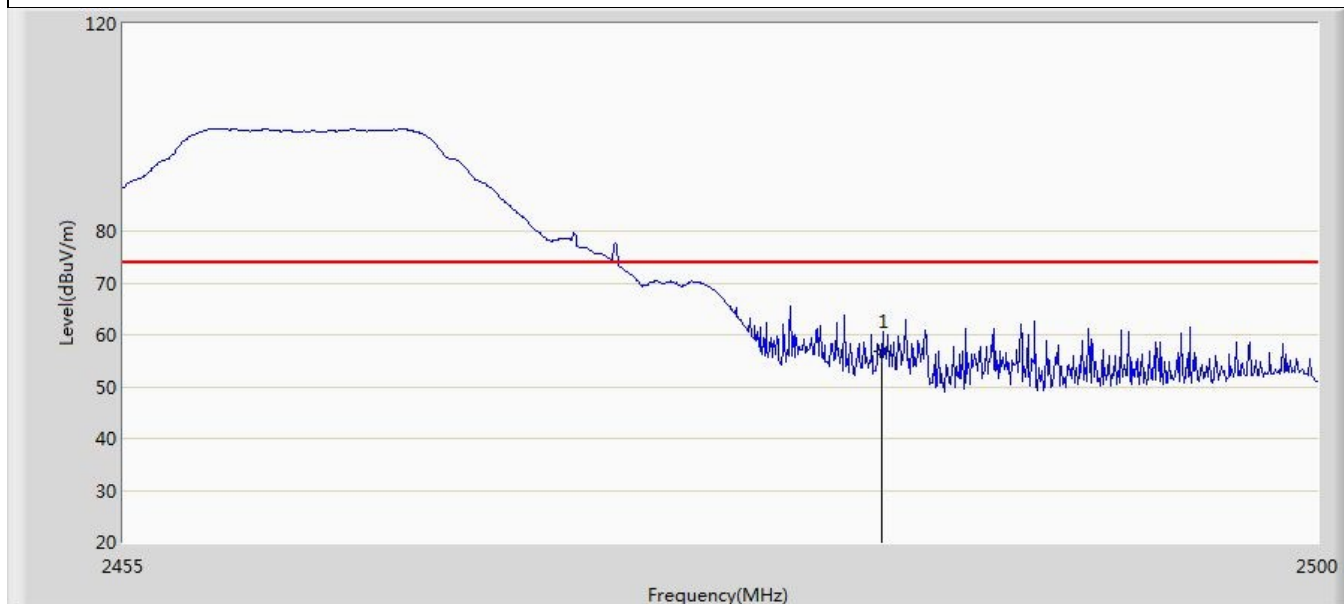
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2483.500	57.603	23.112	-16.397	74.000	34.491	PK

Profile: 2290438R	Page No.: 42
Engineer: Yu Liu	
Site: AC5	Time: 2022/11/10 - 21:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Horizontal
EUT: BT & WLAN MODULE	Power: DC 3.3V
Note: Mode1: Transmit at 2462MHz by b	



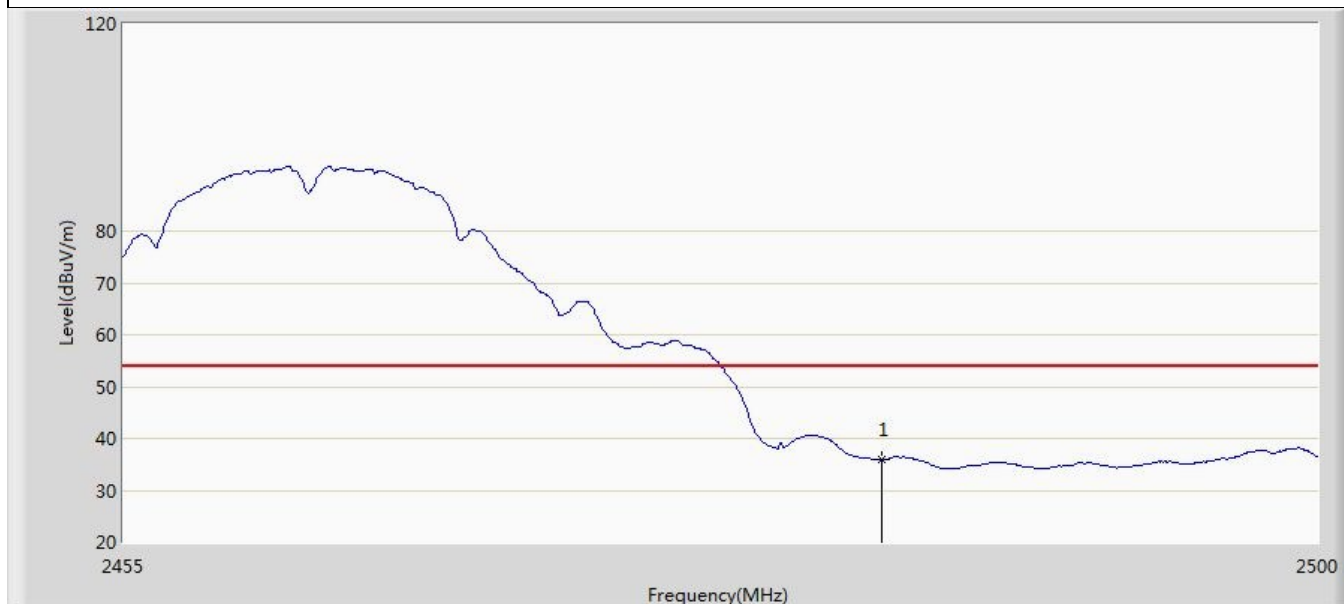
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2483.500	40.841	6.350	-13.159	54.000	34.491	AV

Profile: 2290438R	Page No.: 43
Engineer: Yu Liu	
Site: AC5	Time: 2022/11/10 - 21:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Vertical
EUT: BT & WLAN MODULE	Power: DC 3.3V
Note: Mode1: Transmit at 2462MHz by b	



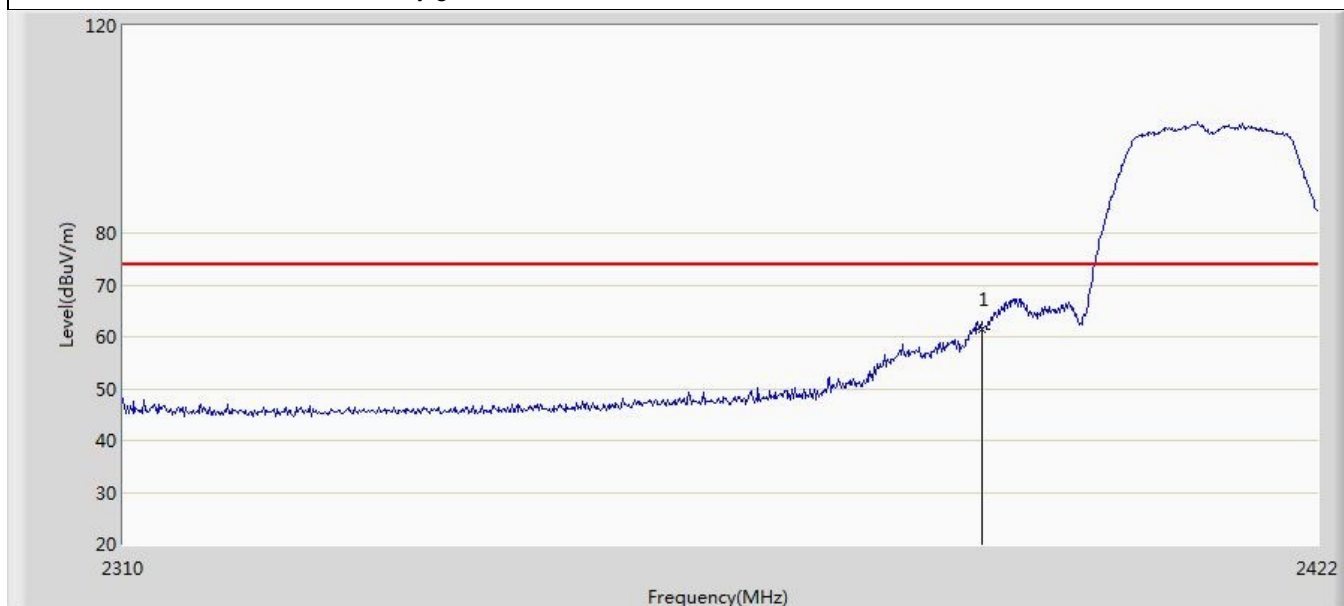
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2483.500	56.794	22.303	-17.206	74.000	34.491	PK

Profile: 2290438R	Page No.: 44
Engineer: Yu Liu	
Site: AC5	Time: 2022/11/10 - 21:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Vertical
EUT: BT & WLAN MODULE	Power: DC 3.3V
Note: Mode1: Transmit at 2462MHz by b	



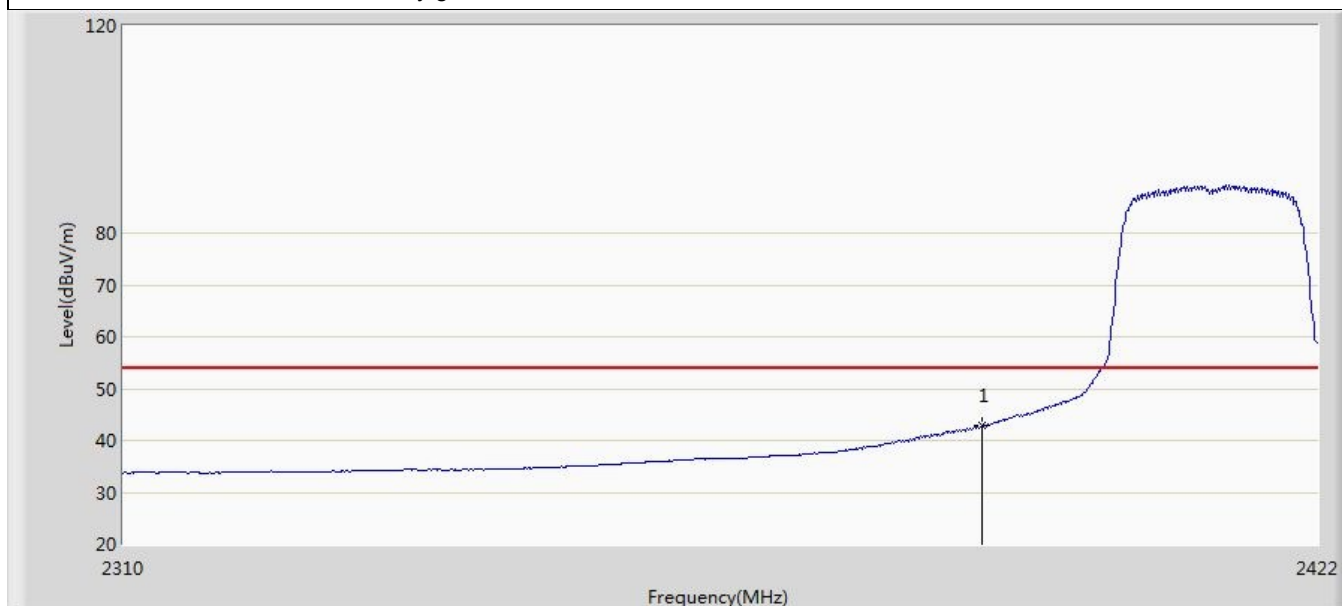
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2483.500	35.967	1.476	-18.033	54.000	34.491	AV

Profile: 2290438R	Page No.: 45
Engineer: Yu Liu	
Site: AC5	Time: 2022/11/10 - 21:08
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Horizontal
EUT: BT & WLAN MODULE	Power: DC 3.3V
Note: Mode2: Transmit at 2412MHz by g	



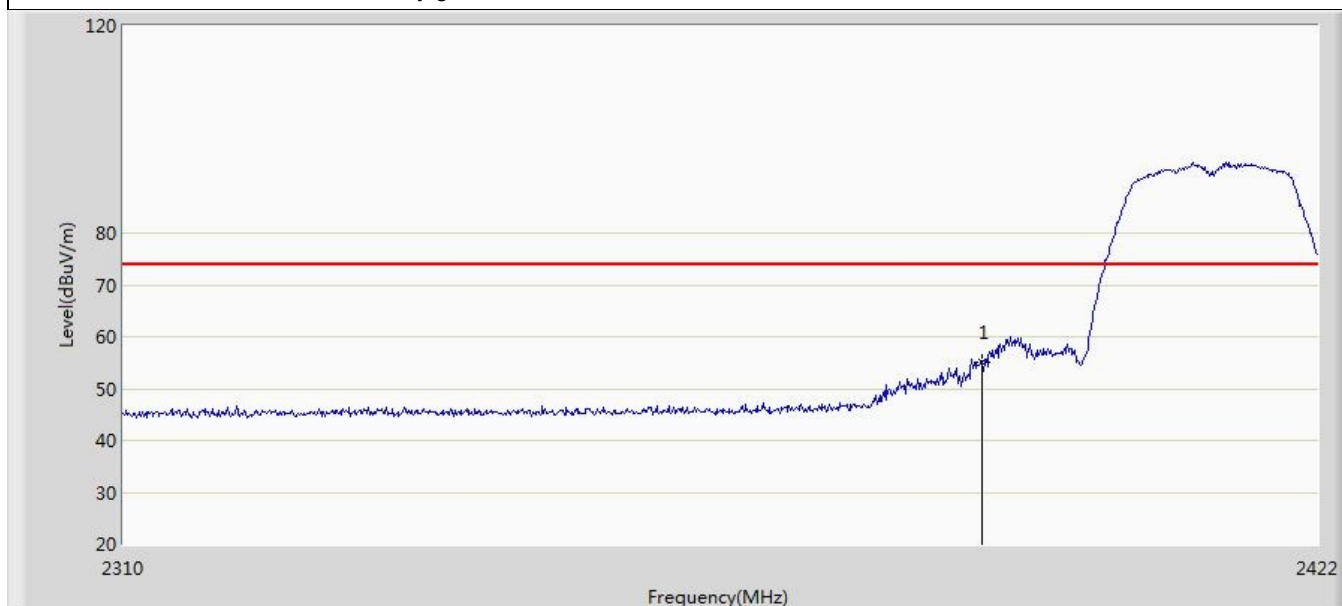
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2390.000	61.521	27.437	-12.479	74.000	34.084	PK

Profile: 2290438R	Page No.: 46
Engineer: Yu Liu	
Site: AC5	Time: 2022/11/10 - 21:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Horizontal
EUT: BT & WLAN MODULE	Power: DC 3.3V
Note: Mode2: Transmit at 2412MHz by g	



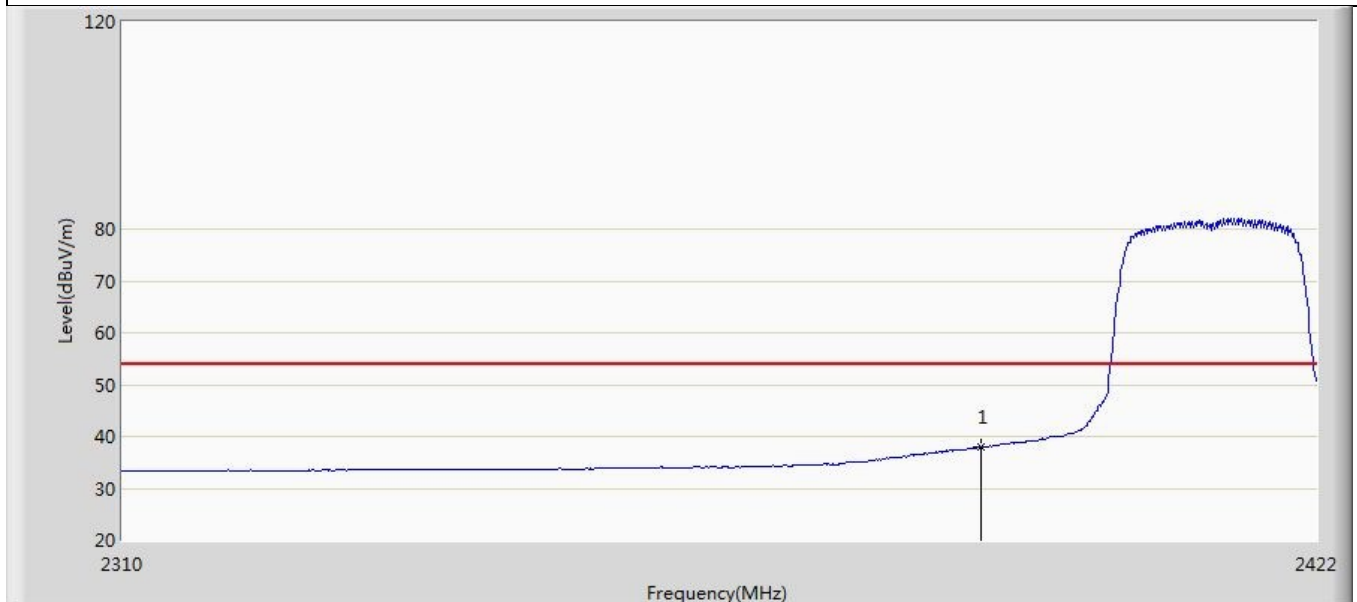
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2390.000	42.826	8.742	-11.174	54.000	34.084	AV

Profile: 2290438R	Page No.: 47
Engineer: Yu Liu	
Site: AC5	Time: 2022/11/10 - 21:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Vertical
EUT: BT & WLAN MODULE	Power: DC 3.3V
Note: Mode2: Transmit at 2412MHz by g	



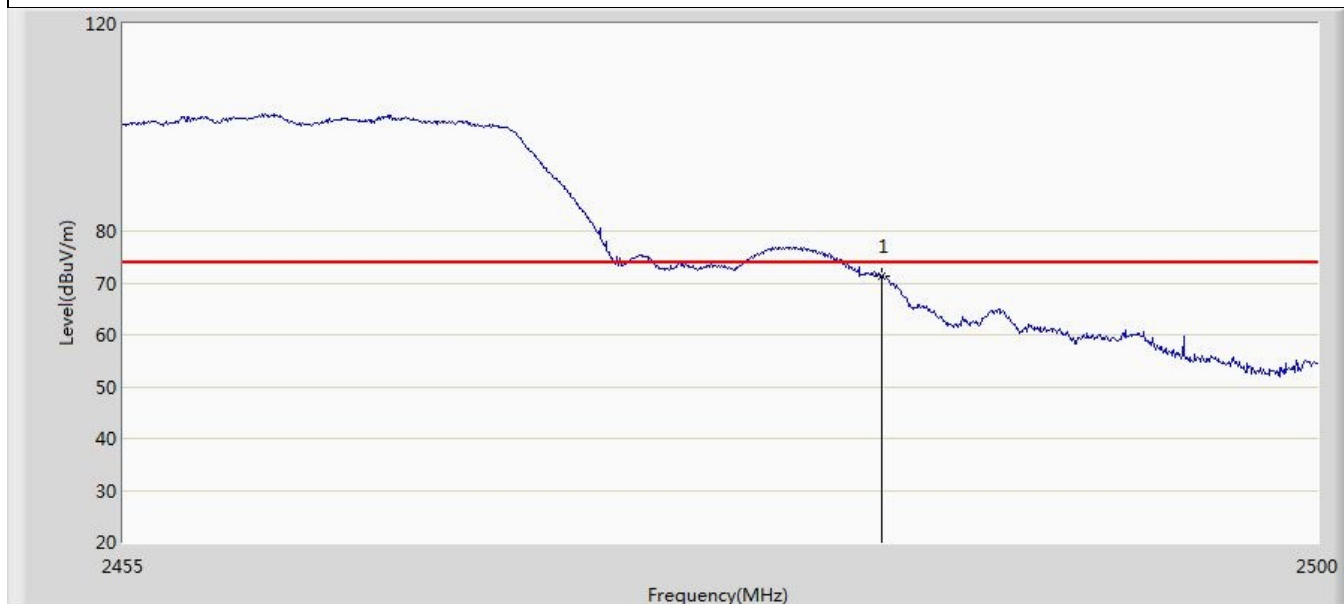
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2390.000	55.192	21.108	-18.808	74.000	34.084	PK

Profile: 2290438R	Page No.: 48
Engineer: Yu Liu	
Site: AC5	Time: 2022/11/10 - 21:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Vertical
EUT: BT & WLAN MODULE	Power: DC 3.3V
Note: Mode2: Transmit at 2412MHz by g	



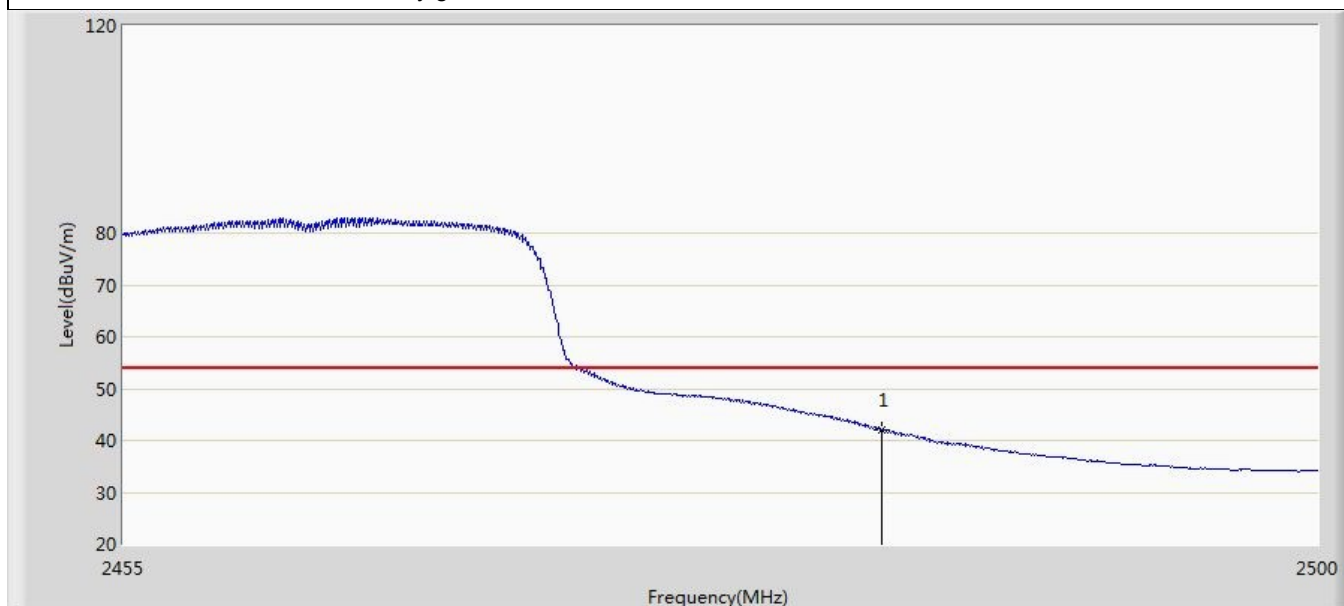
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2390.000	37.880	3.796	-16.120	54.000	34.084	AV

Profile: 2290438R	Page No.: 49
Engineer: Yu Liu	
Site: AC5	Time: 2022/11/10 - 21:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Horizontal
EUT: BT & WLAN MODULE	Power: DC 3.3V
Note: Mode2: Transmit at 2462MHz by g	



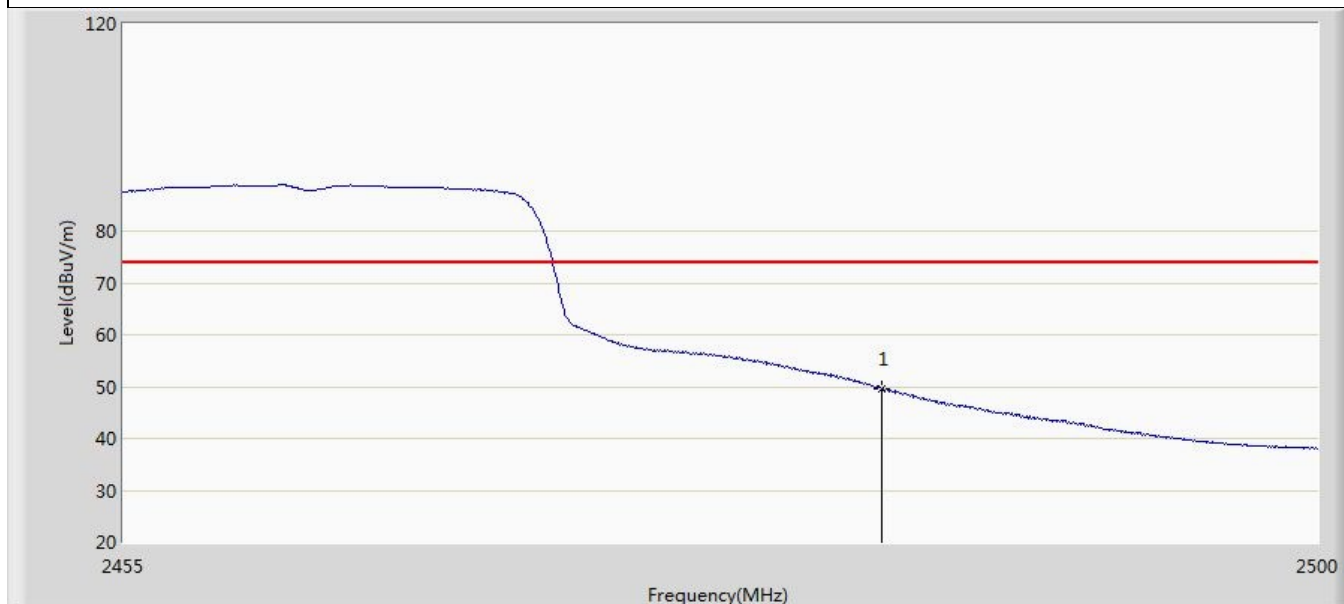
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2483.500	71.274	36.783	-2.726	74.000	34.491	PK

Profile: 2290438R	Page No.: 50
Engineer: Yu Liu	
Site: AC5	Time: 2022/11/10 - 21:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Horizontal
EUT: BT & WLAN MODULE	Power: DC 3.3V
Note: Mode2: Transmit at 2462MHz by g	



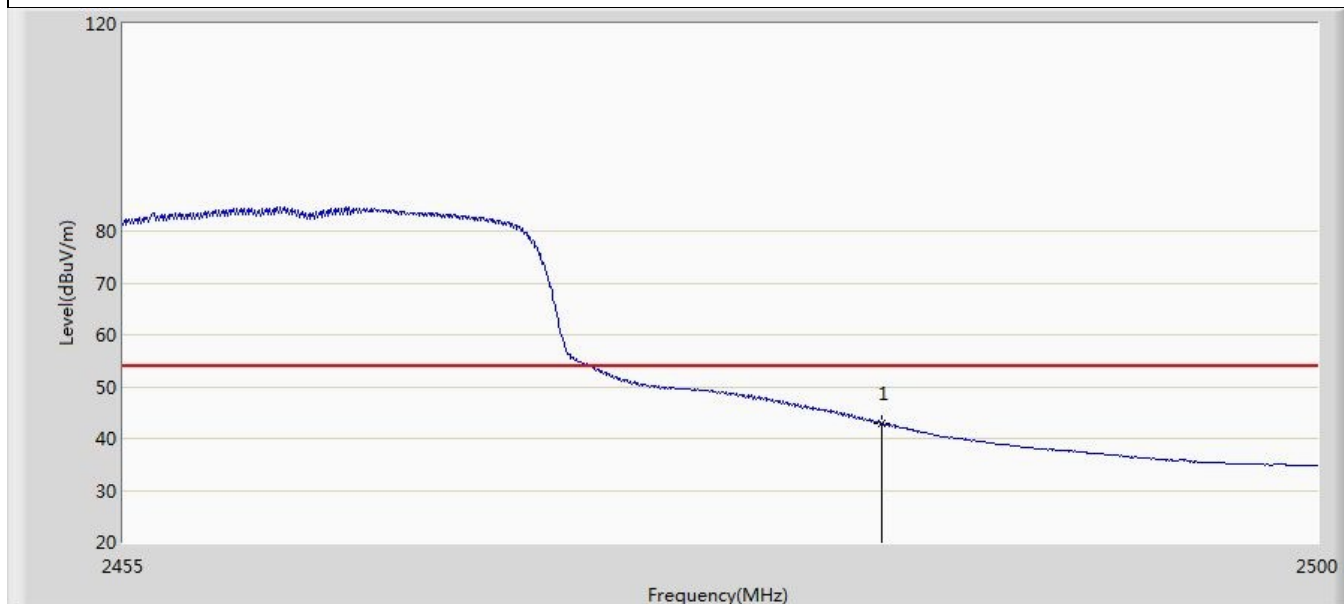
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2483.500	42.166	7.675	-11.834	54.000	34.491	AV

Profile: 2290438R	Page No.: 51
Engineer: Yu Liu	
Site: AC5	Time: 2022/11/10 - 21:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Vertical
EUT: BT & WLAN MODULE	Power: DC 3.3V
Note: Mode2: Transmit at 2462MHz by g	



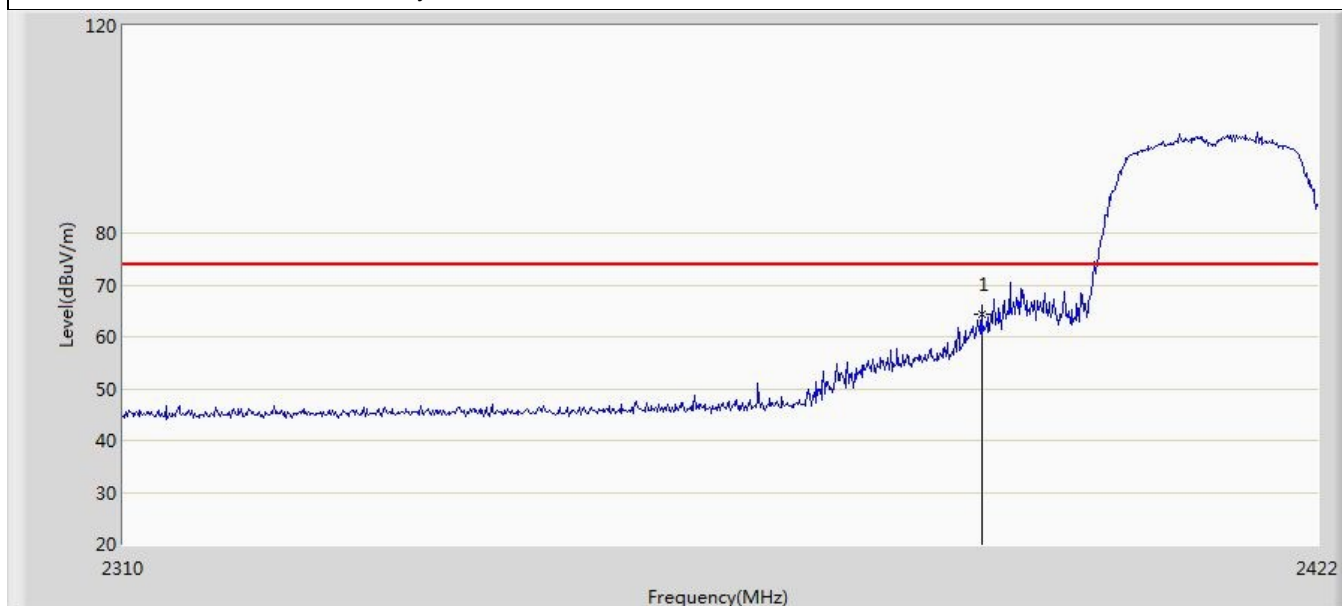
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2483.500	49.584	15.093	-24.416	74.000	34.491	PK

Profile: 2290438R	Page No.: 52
Engineer: Yu Liu	
Site: AC5	Time: 2022/11/10 - 21:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Vertical
EUT: BT & WLAN MODULE	Power: DC 3.3V
Note: Mode2: Transmit at 2462MHz by g	



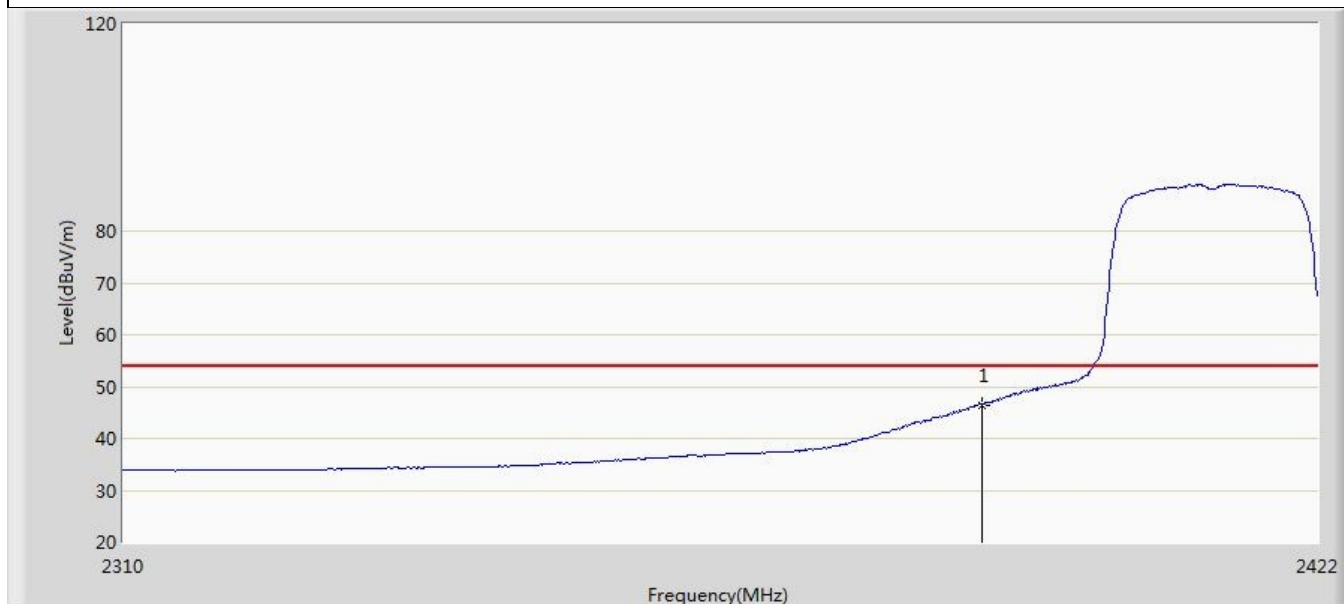
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2483.500	42.772	8.281	-11.228	54.000	34.491	AV

Profile: 2290438R	Page No.: 53
Engineer: Yu Liu	
Site: AC5	Time: 2022/11/10 - 21:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Horizontal
EUT: BT & WLAN MODULE	Power: DC 3.3V
Note: Mode3:Transmit at 2412MHz by n20	



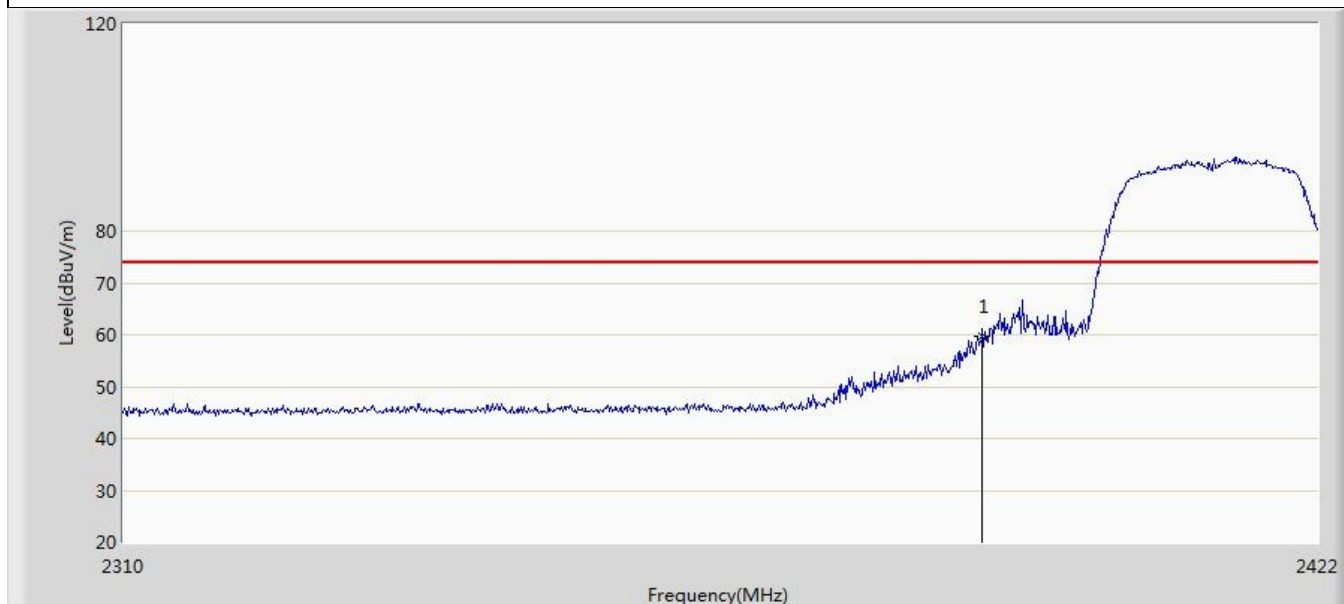
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2390.000	64.392	30.308	-9.608	74.000	34.084	PK

Profile: 2290438R	Page No.: 54
Engineer: Yu Liu	
Site: AC5	Time: 2022/11/10 - 21:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Horizontal
EUT: BT & WLAN MODULE	Power: DC 3.3V
Note: Mode3: Transmit at 2412MHz by n20	



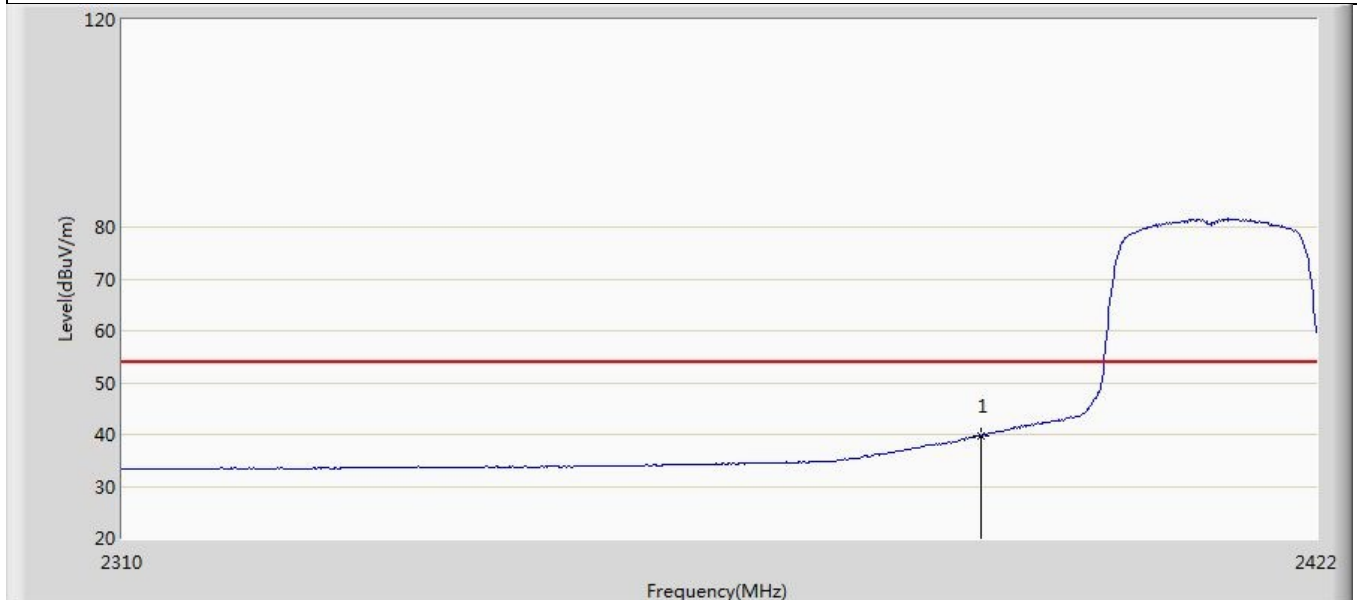
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2390.000	46.461	12.377	-7.539	54.000	34.084	AV

Profile: 2290438R	Page No.: 55
Engineer: Yu Liu	
Site: AC5	Time: 2022/11/10 - 21:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Vertical
EUT: BT & WLAN MODULE	Power: DC 3.3V
Note: Mode3: Transmit at 2412MHz by n20	



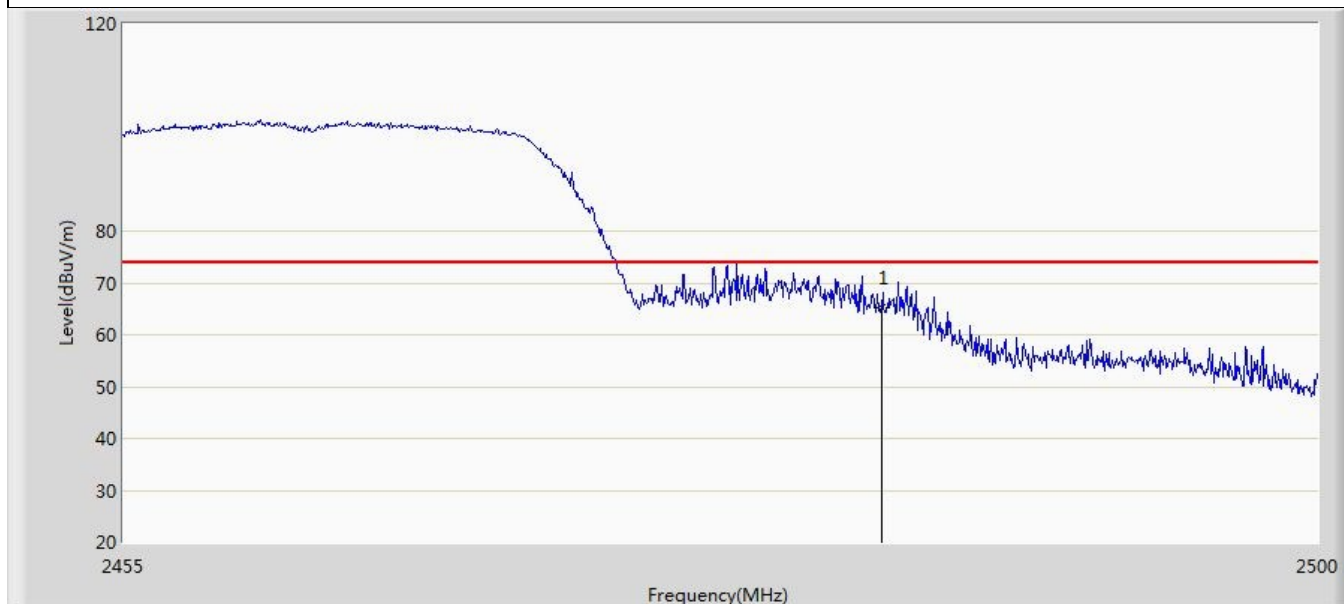
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2390.000	59.800	25.716	-14.200	74.000	34.084	PK

Profile: 2290438R	Page No.: 56
Engineer: Yu Liu	
Site: AC5	Time: 2022/11/10 - 21:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Vertical
EUT: BT & WLAN MODULE	Power: DC 3.3V
Note: Mode3: Transmit at 2412MHz by n20	



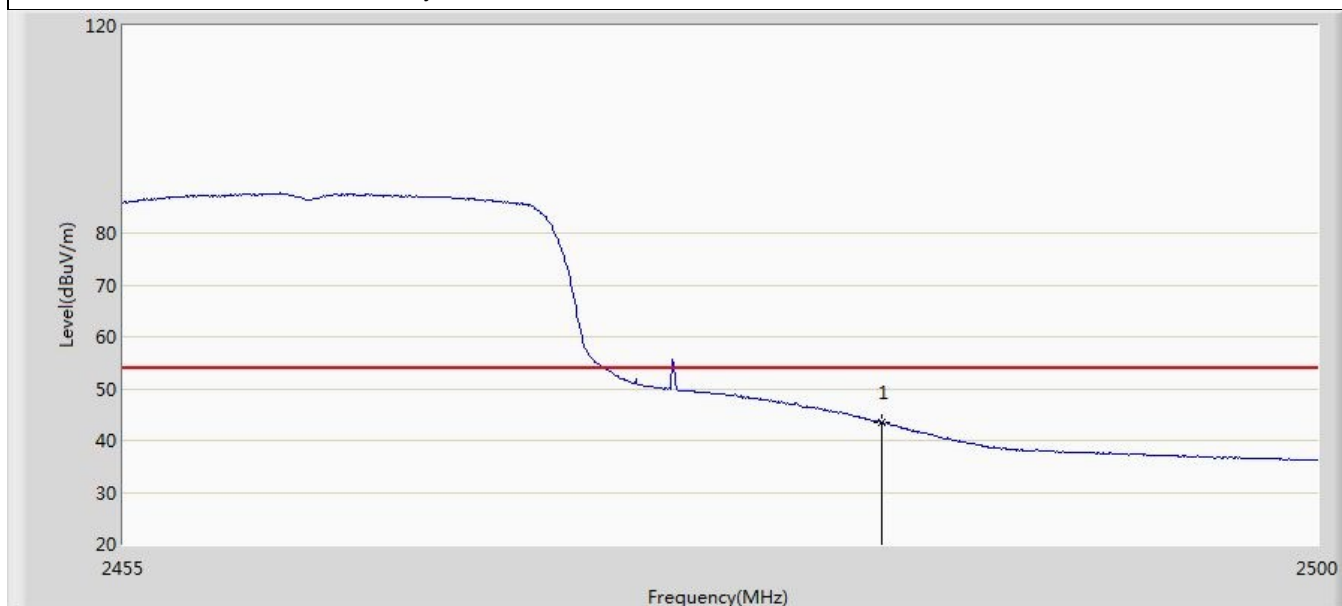
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2390.000	39.709	5.625	-14.291	54.000	34.084	AV

Profile: 2290438R	Page No.: 57
Engineer: Yu Liu	
Site: AC5	Time: 2022/11/10 - 21:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Horizontal
EUT: BT & WLAN MODULE	Power: DC 3.3V
Note: Mode3: Transmit at 2462MHz by n20	



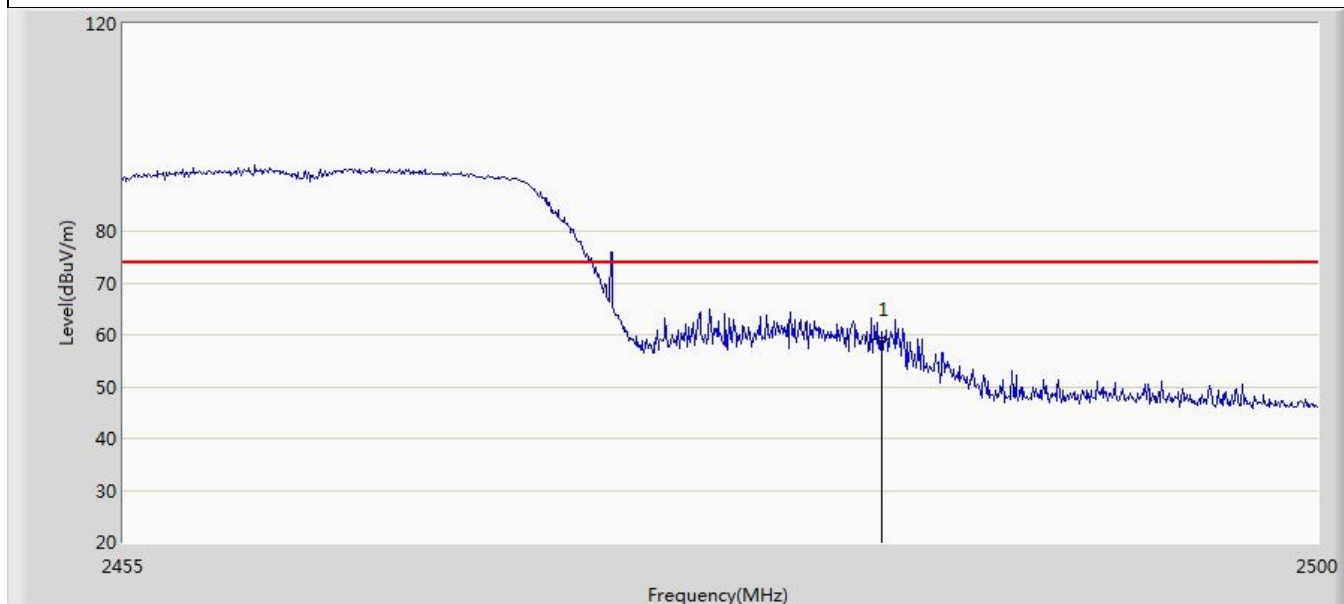
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2483.500	65.359	30.868	-8.641	74.000	34.491	PK

Profile: 2290438R	Page No.: 58
Engineer: Yu Liu	
Site: AC5	Time: 2022/11/10 - 22:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Horizontal
EUT: BT & WLAN MODULE	Power: DC 3.3V
Note: Mode3: Transmit at 2462MHz by n20	



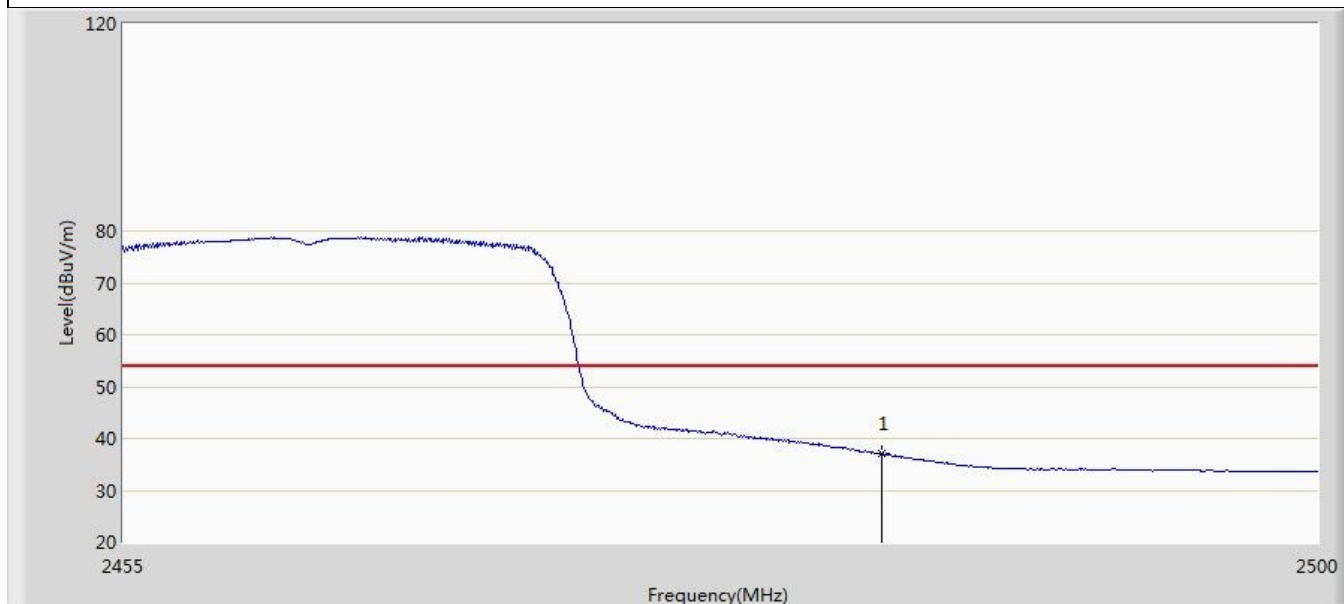
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2483.500	43.454	8.963	-10.546	54.000	34.491	AV

Profile: 2290438R	Page No.: 59
Engineer: Yu Liu	
Site: AC5	Time: 2022/11/10 - 22:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Vertical
EUT: BT & WLAN MODULE	Power: DC 3.3V
Note: Mode3: Transmit at 2462MHz by n20	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2483.500	59.257	24.766	-14.743	74.000	34.491	PK

Profile: 2290438R	Page No.: 60
Engineer: Yu Liu	
Site: AC5	Time: 2022/11/10 - 22:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Vertical
EUT: BT & WLAN MODULE	Power: DC 3.3V
Note: Mode3:Transmit at 2462MHz by n20	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2483.500	37.016	2.525	-16.984	54.000	34.491	AV

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp)

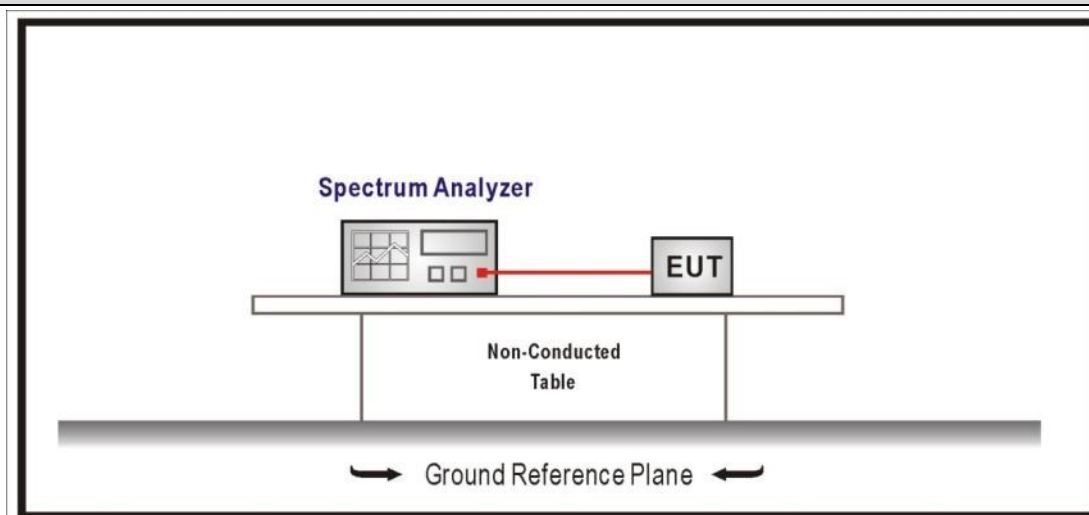
4.6 DTS Bandwidth**VERDICT: PASS****4.6.1 Limit**

Standard	FCC Part 15 Subpart C Paragraph 15.247 (a)(2)
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Systems using digital modulation techniques operate in the 2400-2483.5 MHz. The minimum 6 dB bandwidth shall be at least 500 kHz

Standard	ANSI C63.10 Paragraph 6.7
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The occupied bandwidth or the "99% emission bandwidth" is defined as the frequency range between two points, one above and the other below the carrier frequency, within which 99% of the total transmitted power of the fundamental transmitted emission is contained. The occupied bandwidth shall be reported for all equipment in addition to the specified bandwidth required in the applicable RSSs. The occupied bandwidth should be within the required frequency range.

4.6.2 Test Setup**4.6.3 Test Procedure**

	Reference Rule	Chapter	Description
☒	ANSI C63.10	11.8	DTS bandwidth
	☐ ANSI C63.10	11.8.1	Option 1
	☒ ANSI C63.10	11.8.2	Option 2
☒	ANSI C63.10	6.9	Occupied bandwidth
	☐ ANSI C63.10	6.9.2	relative measurement procedure
	☒ ANSI C63.10	6.9.3	power bandwidth (99%) measurement procedure

4.6.4 Test Data

Mode	CH.	Test Freq. (MHz)	6dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit For 6dB (kHz)	Result
1	1	2412	8.040	12.242	≥500	Pass
	6	2437	9.040	12.298	≥500	Pass
	11	2462	9.040	12.309	≥500	Pass
2	1	2412	14.200	16.801	≥500	Pass
	6	2437	15.400	16.985	≥500	Pass
	11	2462	14.760	16.825	≥500	Pass
3	1	2412	13.000	17.819	≥500	Pass
	6	2437	16.040	17.977	≥500	Pass
	11	2462	14.200	17.975	≥500	Pass

Note : 1.We have evaluated SISO and MIMO mode, shown in the report is the worst data.

2.The worst case of Occupied Bandwidth as below in below:

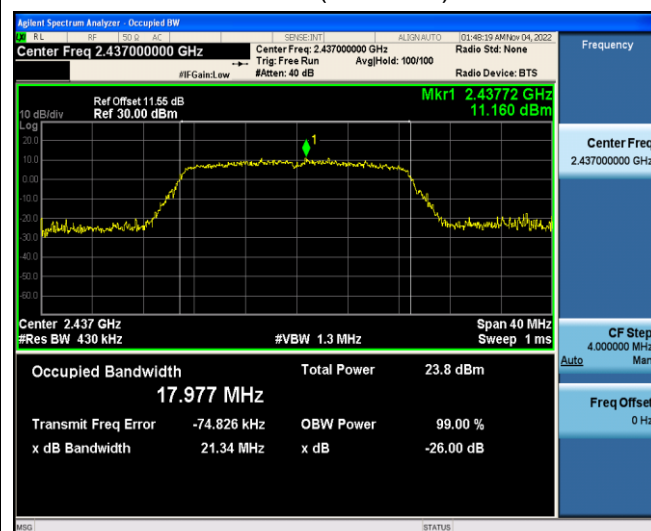
6dB Occupied Bandwidth

Mode 1 (2412MHz)



99% Occupied Bandwidth

Mode 3 (2437MHz)

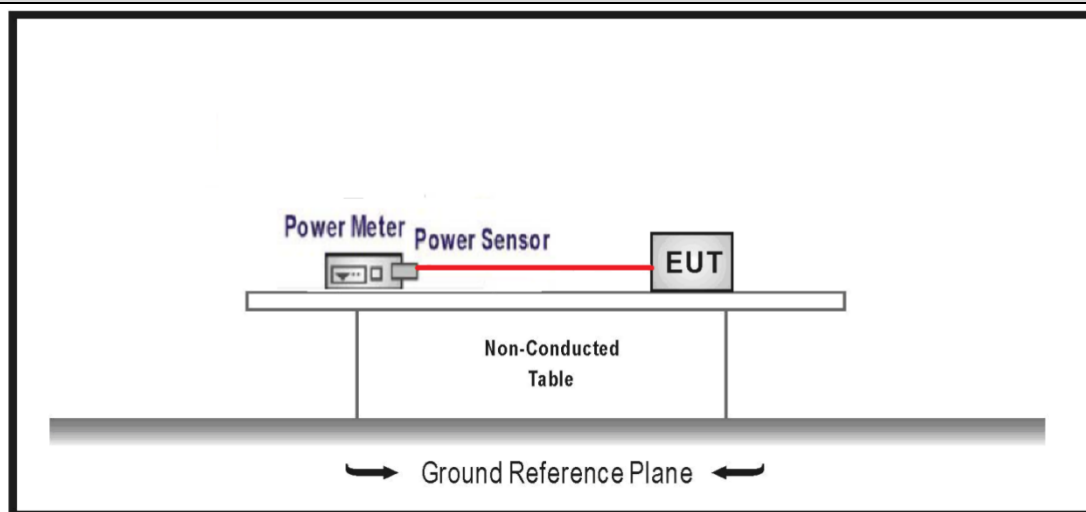


4.7 Fundamental emission output power**VERDICT: PASS****4.7.1 Limit**

Standard		FCC Part 15 Subpart C Paragraph 15.247 (b)(3)
☒	GTX <6dBi	Pout≤30dBm
☐	GTX >6dBi	
☐	Non-Fix point-point	Pout≤30-(GTX -6)
☐	Fix point-point	Pout≤30-[(GTX-6)]/3
☐	Point-to-multipoint	Pout≤30-(GTX-6)
☐	Overlap Beams	Pout≤30-[(GTX-6)]/3
☐	Avgregate power transmitted simultaneously on all beams	Pout≤30-[(GTX-6)]/3
☐	single directional beam	Pout≤30-[(GTX-6)]/3+8dB

Note 1 : GTX directional gain of transmitting antennas.

Note 2 : Pout is maximum conducted output power .

4.7.2 Test Setup

4.7.3 Test Procedure						
	References Rule			Chapter	Description	
☒	ANSI C63.10			11.9	Fundamental emission output power	
	☒	ANSI C63.10		11.9.1	Maximum peak conducted output power	
		☐	ANSI C63.10	11.9.1.1	RBW ≥ DTS bandwidth	
		☒	ANSI C63.10	11.9.1.2	Integrated band power method	
		☐	ANSI C63.10	11.9.1.3	PKPM1 Peak power meter method	
	☐	ANSI C63.10		11.9.2	Maximum conducted (average) output power	
		☐	ANSI C63.10		11.9.2.2	Measurement using a spectrum analyzer (SA)
			☐	ANSI C63.10	11.9.2.2.2	Method AVGSA-1(Duty cycle≥98%)
			☐	ANSI C63.10	11.9.2.2.3	Method AVGSA-1A(Duty cycle≥98%)
			☐	ANSI C63.10	11.9.2.2.4	Method AVGSA-2(Duty cycle≤98%)
			☐	ANSI C63.10	11.9.2.2.5	Method AVGSA-2A(Duty cycle≤98%)
			☐	ANSI C63.10	11.9.2.2.4	Method AVGSA-3
			☐	ANSI C63.10	11.9.2.2.5	Method AVGSA-3A
		☐	ANSI C63.10		11.9.2.3	Measurement using a power meter (PM)
			☐	ANSI C63.10	11.9.2.3.1	Method AVGPM
			☐	ANSI C63.10	11.9.2.3.2	Method AVGPM-G

4.7.4 Test Data

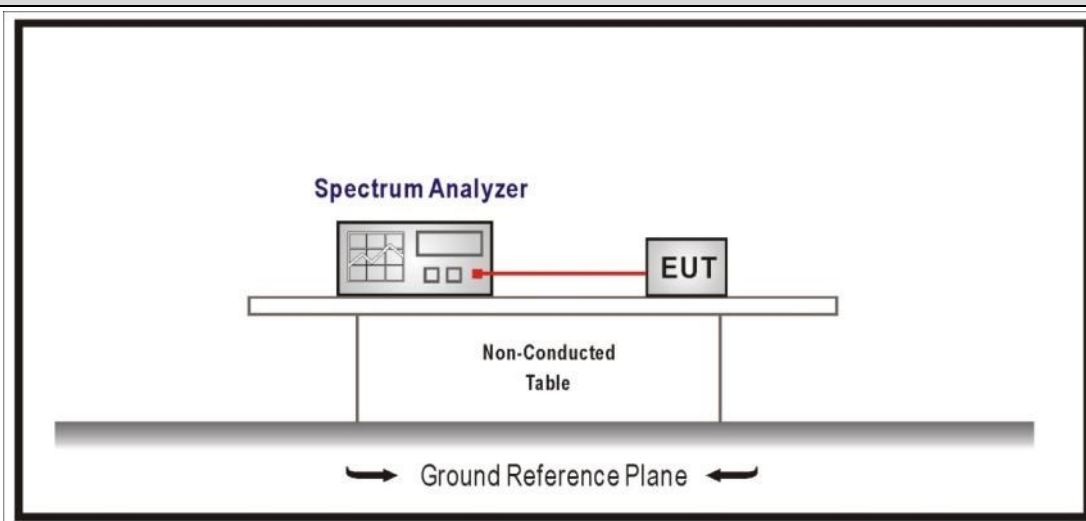
Mode	Channel	Test Frequency (MHz)	Conducted Power (dBm)	EIRP (dBm)	Conducted Power Limit (dBm)	EIRP Limit (dBm)	Result
Mode 1	1	2412	18.19	21.35	≤30	≤36	Pass
	6	2437	18.10	21.26	≤30	≤36	Pass
	11	2462	18.70	21.86	≤30	≤36	Pass
Mode 2	1	2412	17.82	20.98	≤30	≤36	Pass
	6	2437	17.14	20.3	≤30	≤36	Pass
	11	2462	17.36	20.52	≤30	≤36	Pass
Mode 3	1	2412	17.95	21.11	≤30	≤36	Pass
	6	2437	17.62	20.78	≤30	≤36	Pass
	11	2462	18.22	21.38	≤30	≤36	Pass

Power Setting:

Mode	Channel	Test Frequency (MHz)	Power Setting
Mode 1	1	2412	-1
	6	2437	-1
	11	2462	-1
Mode 2	1	2412	-1
	6	2437	-1
	11	2462	-1
Mode 3	1	2412	-1
	6	2437	-1
	11	2462	-1

4.8 Power Density**VERDICT: PASS****4.8.1 Limit:****Standard**

FCC Part 15 Subpart C Paragraph 15.247 (e)

Power Spectral Density $\leq 8\text{dBm}/3\text{kHz}$ **4.8.2 Test Setup****4.8.3 Test Procedure**

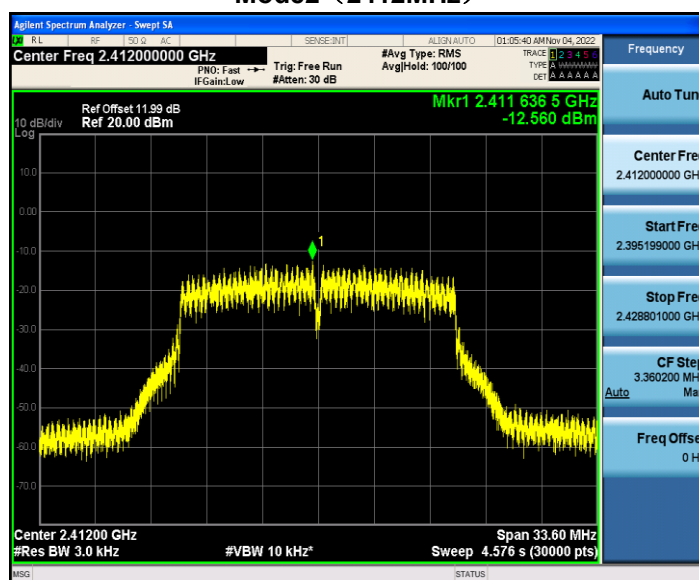
	References Rule		Chapter	Description
☒	ANSI C63.10		11.10	Maximum power spectral density level in the fundamental emission
☐	☒	ANSI C63.10	11.10.2	Method PKPSD (peak PSD)
	☐	ANSI C63.10	11.10.3	Method AVGPS-1(Duty cycle $\geq 98\%$)
	☐	ANSI C63.10	11.10.4	Method AVGPS-1A(Duty cycle $\geq 98\%$)
	☐	ANSI C63.10	11.10.5	Method AVGPS-2(Duty cycle $< 98\%$)
	☐	ANSI C63.10	11.10.6	Method AVGPS-2A(Duty cycle $< 98\%$)
	☐	ANSI C63.10	11.10.7	Method AVGPS-3
	☐	ANSI C63.10	11.10.8	Method AVGPS-3A

4.8.4 Test Data

Mode	Channel	Test Frequency (MHz)	Measurement PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
1	1	2412	-13.3	≤8	Pass
	6	2437	-12.71	≤8	Pass
	11	2462	-12.83	≤8	Pass
2	1	2412	-12.56	≤8	Pass
	6	2437	-13.68	≤8	Pass
	11	2462	-13.17	≤8	Pass
3	1	2412	-15.22	≤8	Pass
	6	2437	-15.97	≤8	Pass
	11	2462	-14.8	≤8	Pass

Note :The worst case of Power Density as below in below:

Mode2 (2412MHz)



Note: We used the peak detector test result below the limit of 9db, so did not use the RMS detector.

4.9 Antenna Requirement**VERDICT: PASS****4.9.1 Limit:****Standard**

FCC Part 15 Subpart C Paragraph 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. This requirement does not apply to carrier current devices or to devices operated under the provisions of §15.211, §15.213, §15.217, §15.219, or §15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

4.9.2 Antenna Connector Construction:

- | | |
|-------------------------------------|--|
| ☐ | The use of a permanently attached antenna |
| ☐ | The antenna use of a unique coupling to the intentional radiator |
| ☒ | The use of a nonstandard antenna jack or electrical connector |

Please refer to the attached document "Internal Photograph" to show the antenna connector.

5 TEST SETUP PHOTO AND EUT PHOTO

Remark: The test setup photo and EUT Photo please see appendix.

_____ The End _____