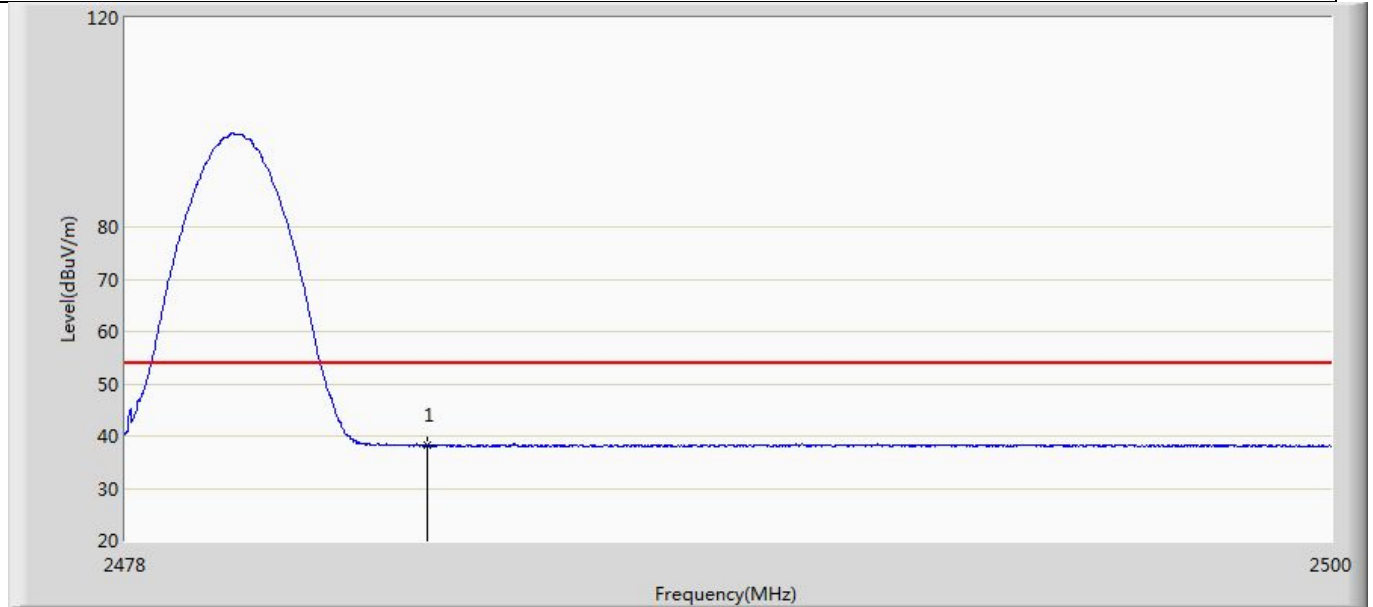
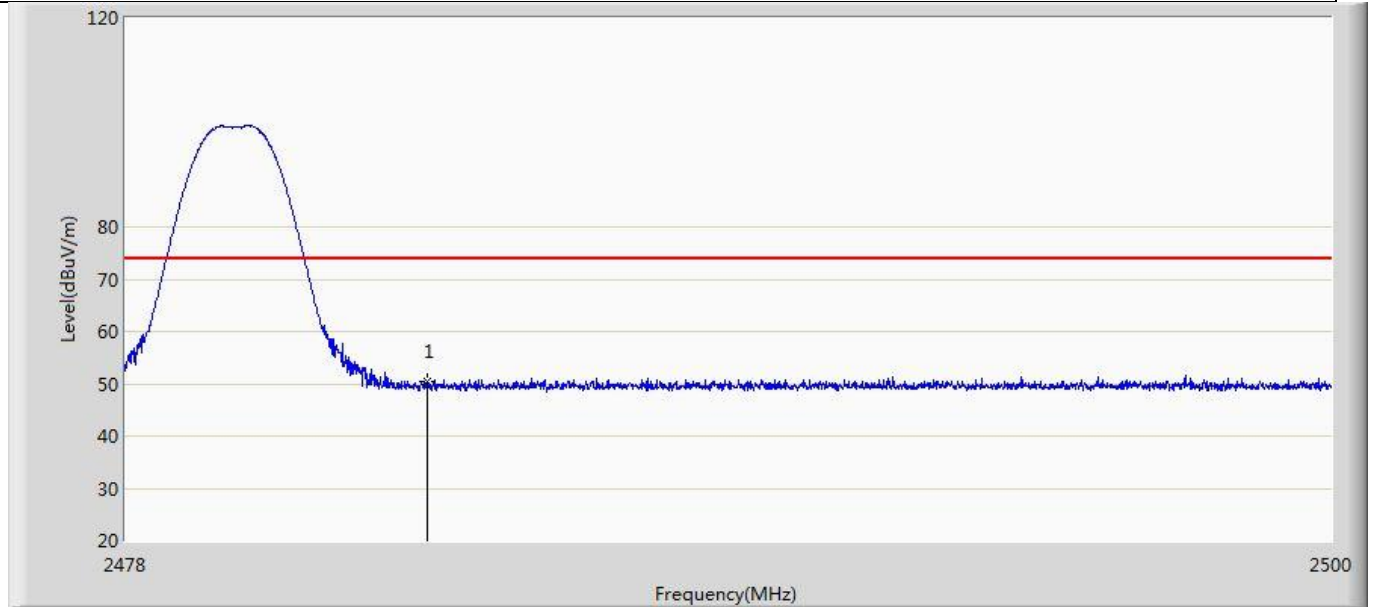


Profile: 2150707R	Page No.: 45
Engineer: Juliuszhou	
Site: AC5	Time: 2021/05/23 - 18:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00123988_(1-18GHz)	Polarity: Horizontal
EUT: VR All-In-One Headset	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2480MHz by LE_Code S=8	



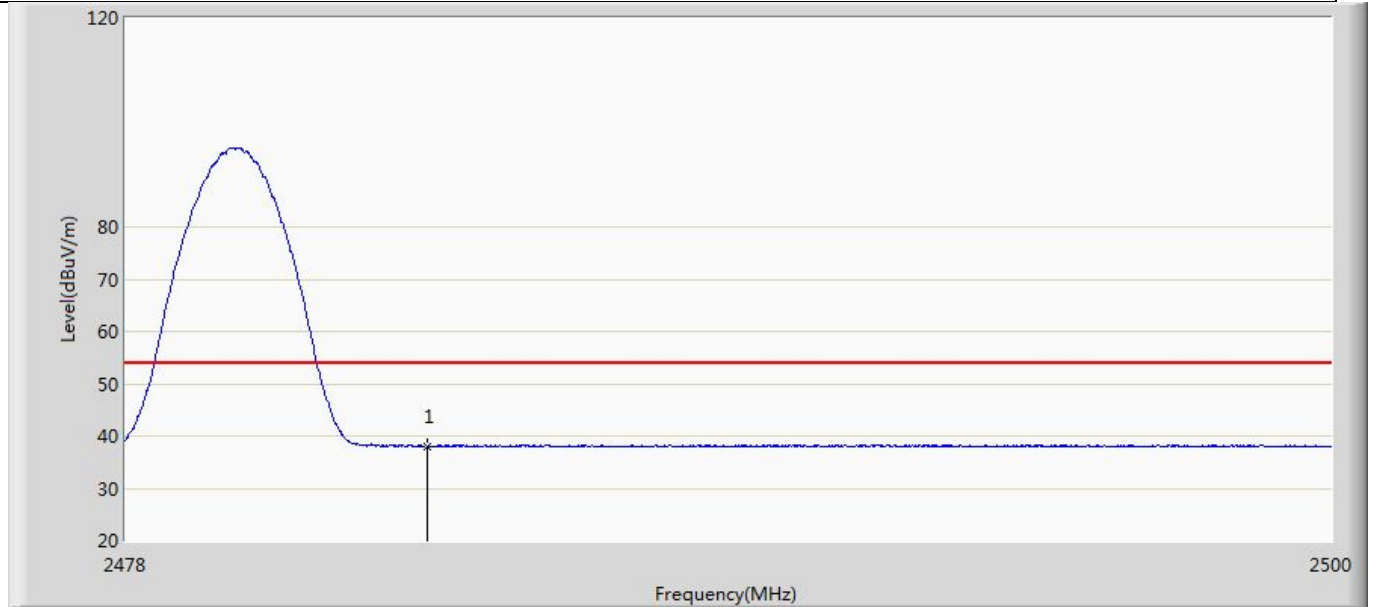
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2483.500	38.243	2.568	-15.757	54.000	35.675	AV

Profile: 2150707R	Page No.: 46
Engineer: Juliuszhou	
Site: AC5	Time: 2021/05/23 - 18:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00123988_(1-18GHz)	Polarity: Horizontal
EUT: VR All-In-One Headset	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2480MHz by LE_Code S=8	



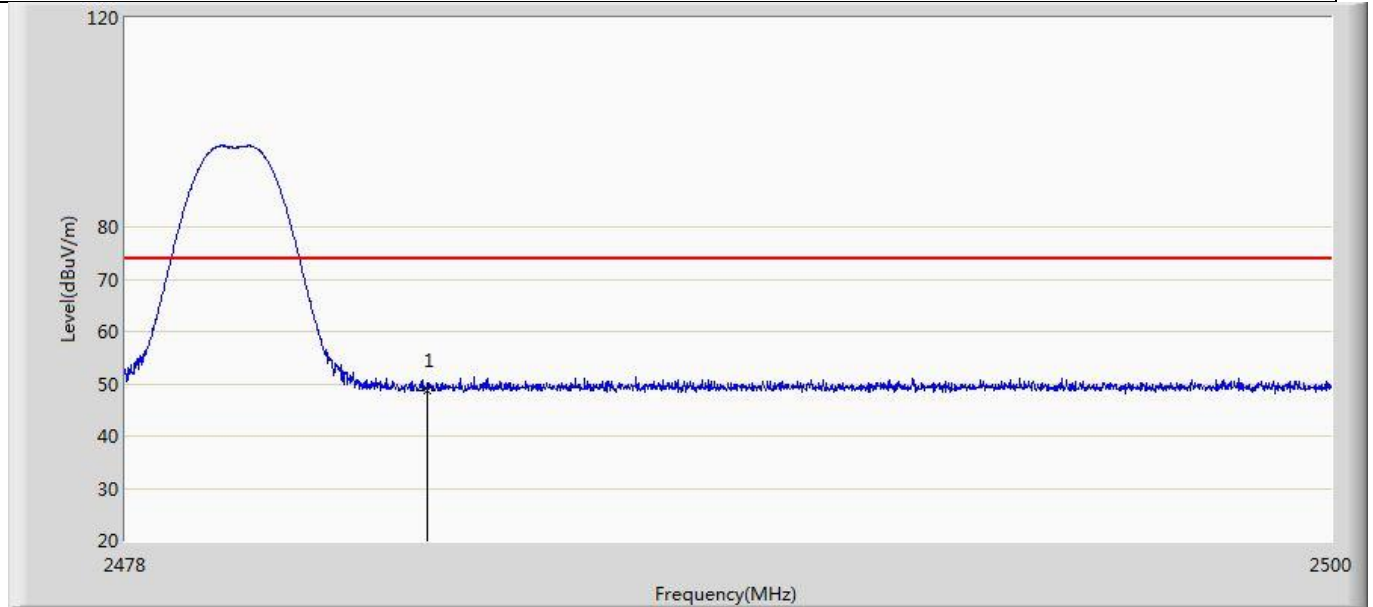
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2483.500	50.360	14.685	-23.640	74.000	35.675	PK

Profile: 2150707R	Page No.: 47
Engineer: Juliuszhou	
Site: AC5	Time: 2021/05/23 - 18:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00123988_(1-18GHz)	Polarity: Vertical
EUT: VR All-In-One Headset	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2480MHz by LE_Code S=8	



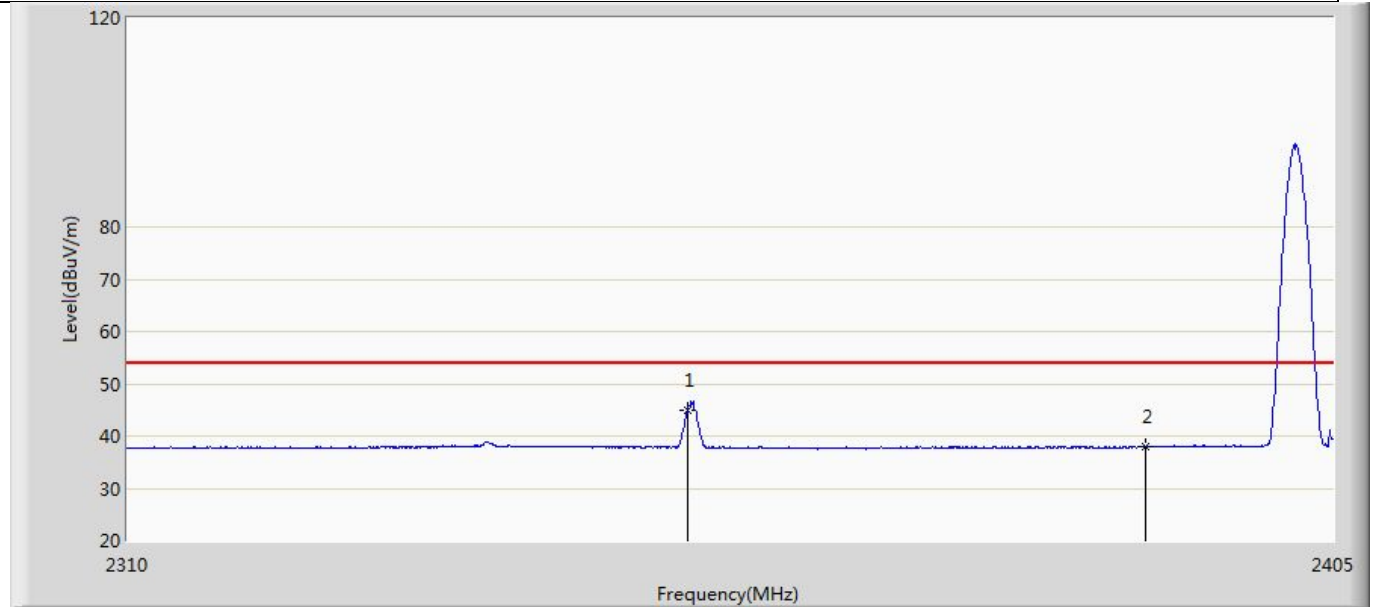
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2483.500	37.966	2.291	-16.034	54.000	35.675	AV

Profile: 2150707R	Page No.: 48
Engineer: Juliuszhou	
Site: AC5	Time: 2021/05/23 - 18:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00123988_(1-18GHz)	Polarity: Vertical
EUT: VR All-In-One Headset	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 2480MHz by LE_Code S=8	



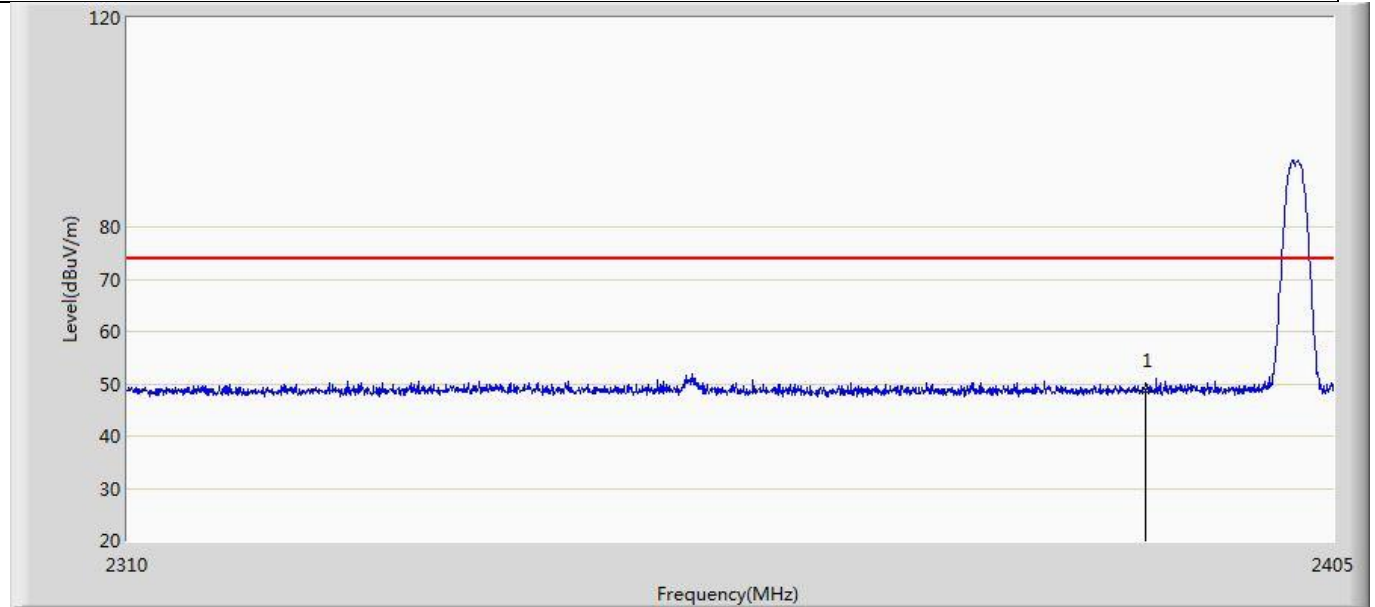
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2483.500	48.717	13.042	-25.283	74.000	35.675	PK

Profile: 2150707R	Page No.: 49
Engineer: Juliuszhou	
Site: AC5	Time: 2021/05/23 - 18:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00123988_(1-18GHz)	Polarity: Horizontal
EUT: VR All-In-One Headset	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2402MHz by LE_Code S=2	



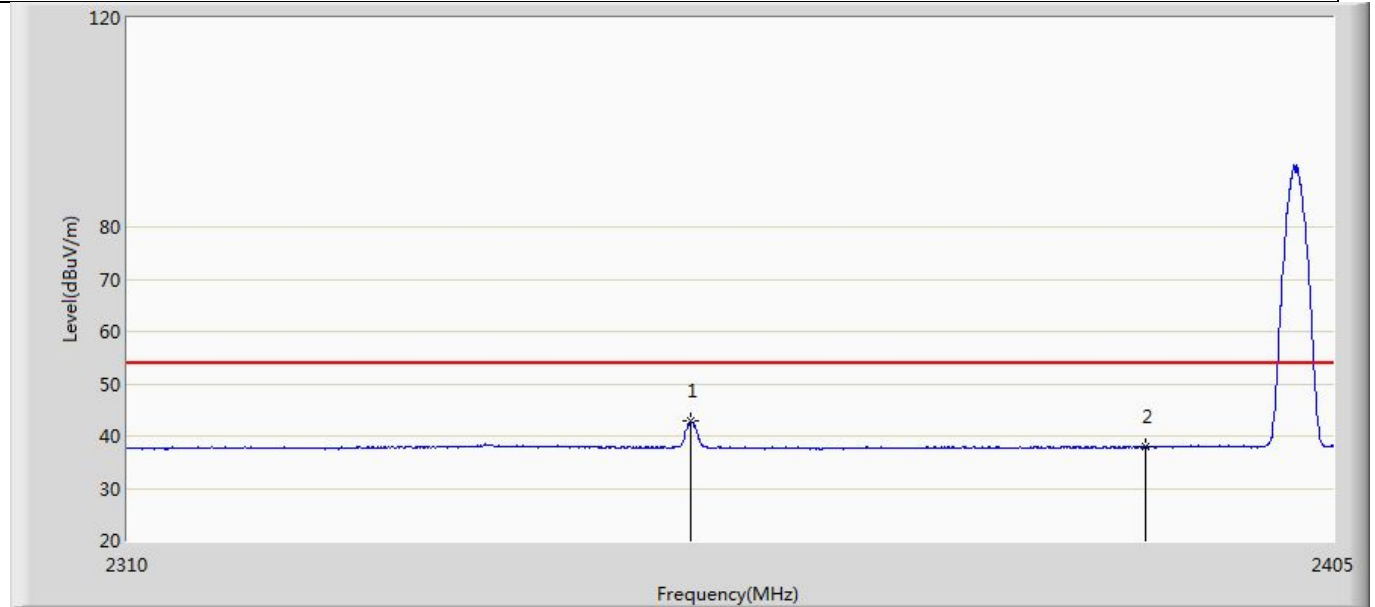
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2353.700	45.032	9.572	-8.968	54.000	35.460	AV
2		2390.000	37.878	2.419	-16.122	54.000	35.459	AV

Profile: 2150707R	Page No.: 50
Engineer: Juliuszhou	
Site: AC5	Time: 2021/05/23 - 18:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00123988_(1-18GHz)	Polarity: Horizontal
EUT: VR All-In-One Headset	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2402MHz by LE_Code S=2	



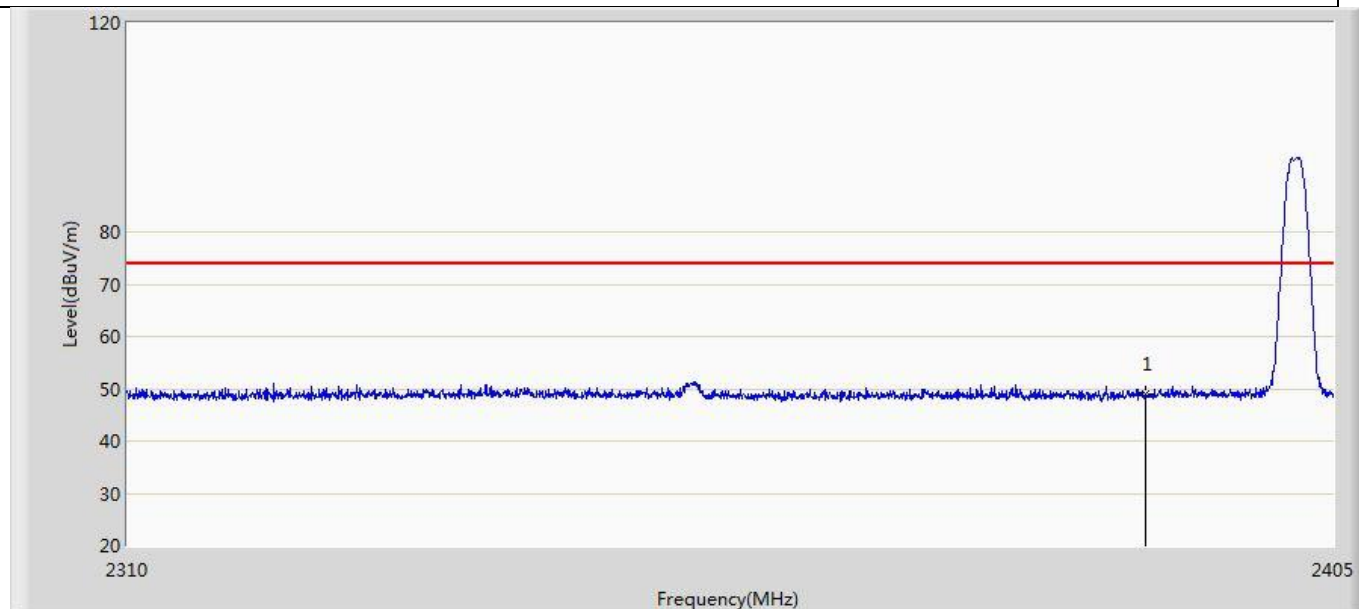
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2390.000	48.776	13.317	-25.224	74.000	35.459	PK

Profile: 2150707R	Page No.: 51
Engineer: Juliuszhou	
Site: AC5	Time: 2021/05/23 - 18:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00123988_(1-18GHz)	Polarity: Vertical
EUT: VR All-In-One Headset	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2402MHz by LE_Code S=2	



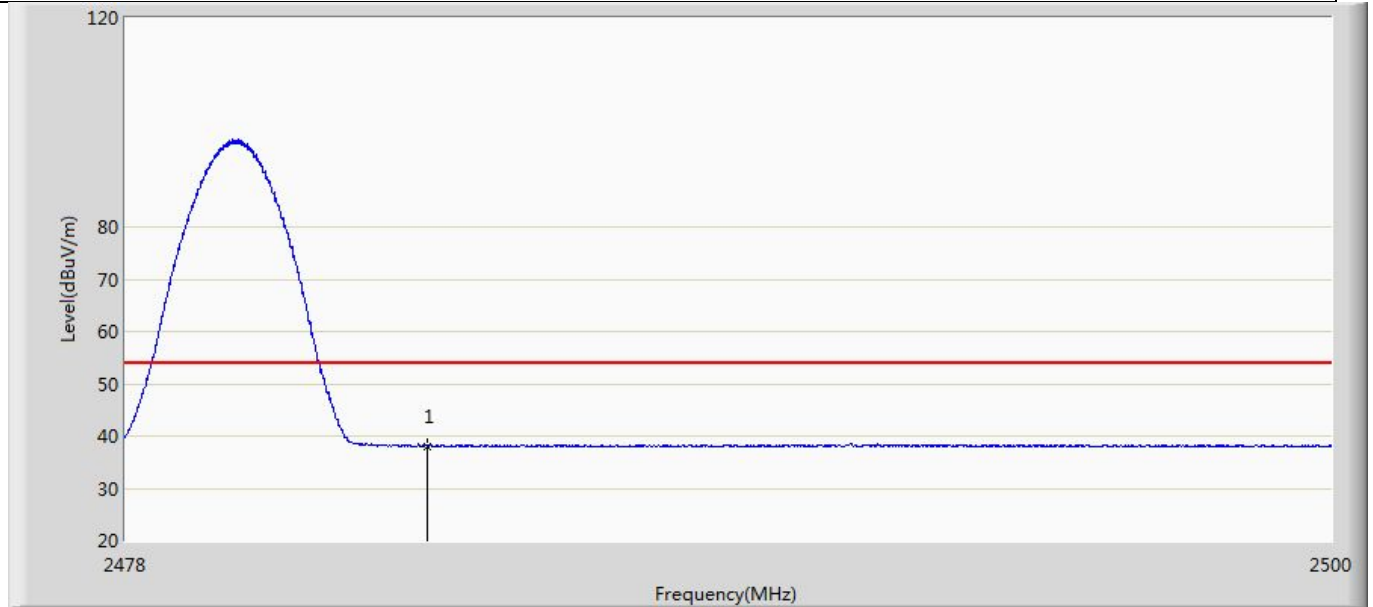
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2353.937	43.037	7.581	-10.963	54.000	35.456	AV
2		2390.000	37.889	2.430	-16.111	54.000	35.459	AV

Profile: 2150707R	Page No.: 52
Engineer: Juliuszhou	
Site: AC5	Time: 2021/05/23 - 18:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00123988_(1-18GHz)	Polarity: Vertical
EUT: VR All-In-One Headset	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2402MHz by LE_Code S=2	



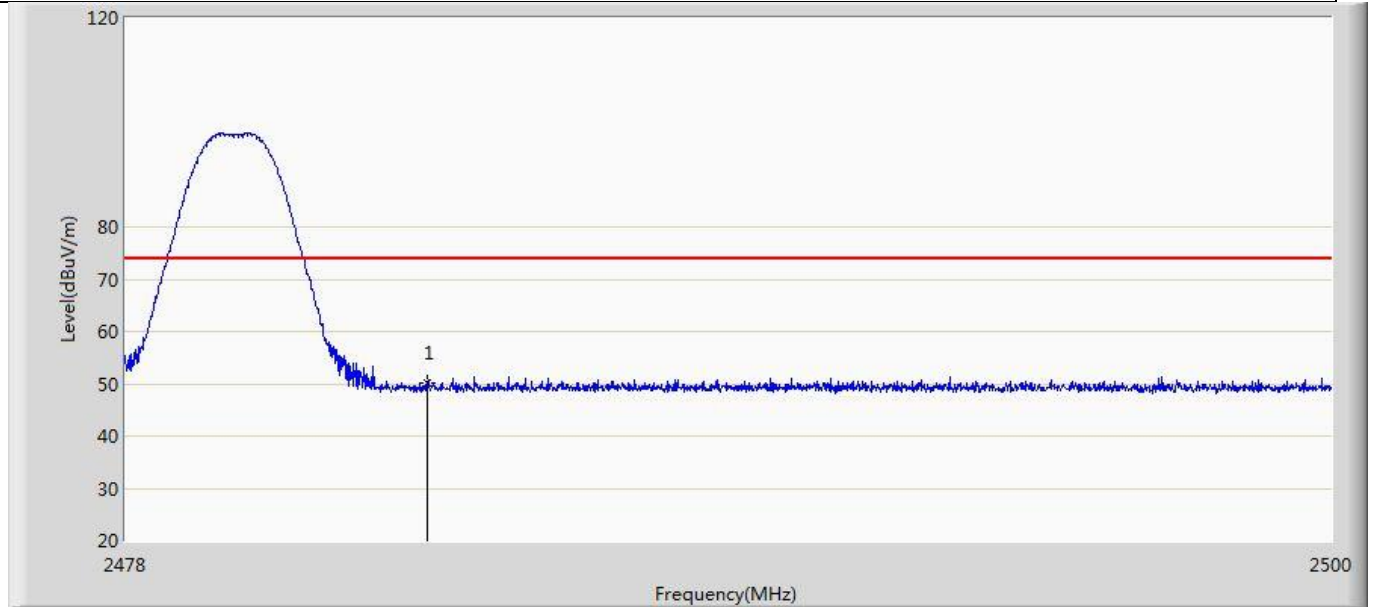
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2390.000	48.932	13.473	-25.068	74.000	35.459	PK

Profile: 2150707R	Page No.: 53
Engineer: Juliuszhou	
Site: AC5	Time: 2021/05/23 - 18:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00123988_(1-18GHz)	Polarity: Horizontal
EUT: VR All-In-One Headset	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2480MHz by LE_Code S=2	



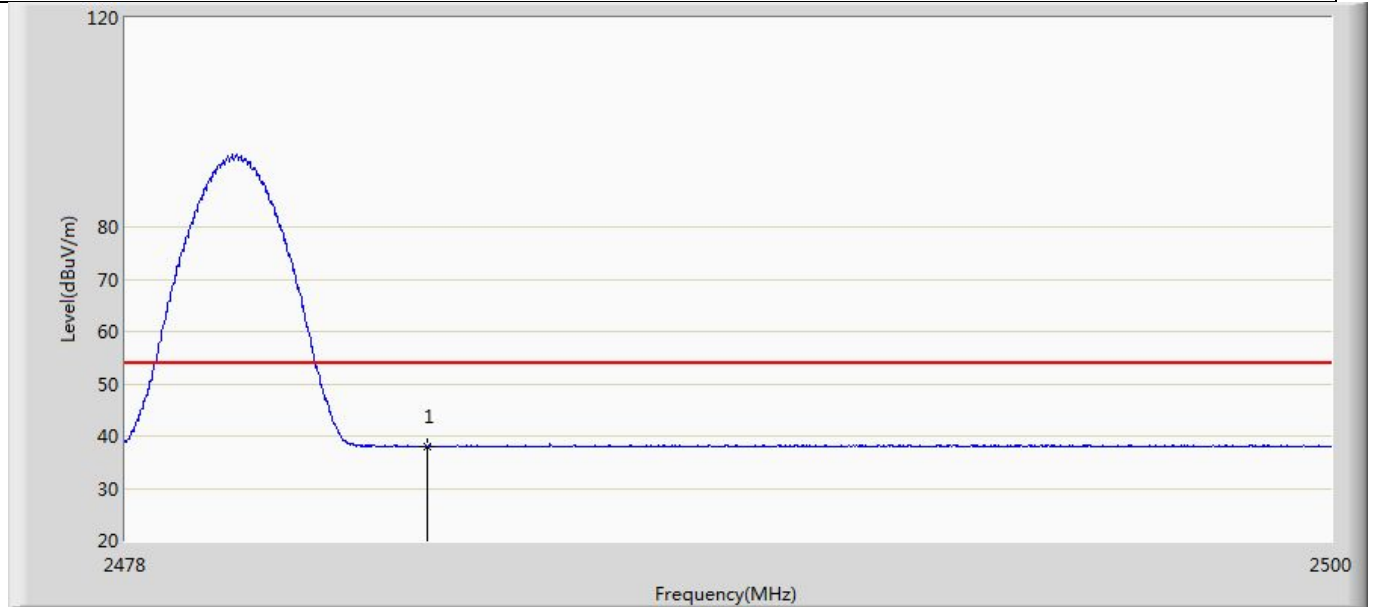
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2483.500	38.044	2.369	-15.956	54.000	35.675	AV

Profile: 2150707R	Page No.: 54
Engineer: Juliuszhou	
Site: AC5	Time: 2021/05/23 - 19:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00123988_(1-18GHz)	Polarity: Horizontal
EUT: VR All-In-One Headset	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2480MHz by LE_Code S=2	



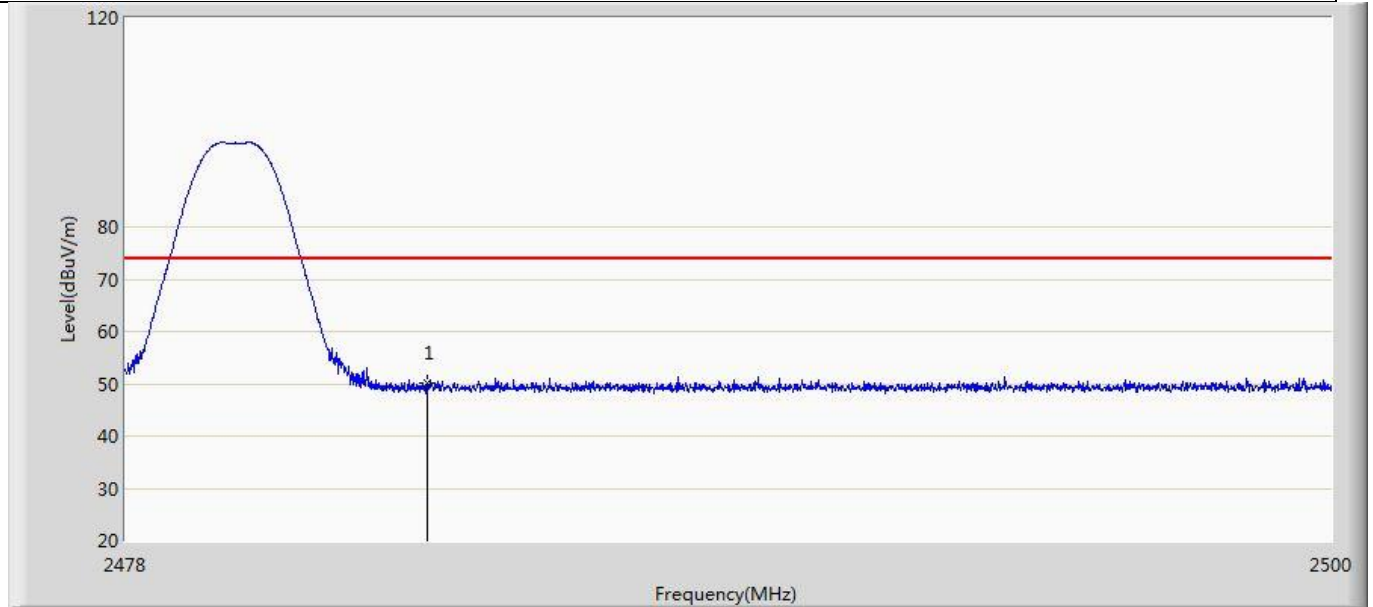
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2483.500	50.215	14.540	-23.785	74.000	35.675	PK

Profile: 2150707R	Page No.: 55
Engineer: Juliuszhou	
Site: AC5	Time: 2021/05/23 - 19:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00123988_(1-18GHz)	Polarity: Vertical
EUT: VR All-In-One Headset	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2480MHz by LE_Code S=2	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2483.500	38.009	2.334	-15.991	54.000	35.675	AV

Profile: 2150707R	Page No.: 56
Engineer: Juliuszhou	
Site: AC5	Time: 2021/05/23 - 19:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00123988_(1-18GHz)	Polarity: Vertical
EUT: VR All-In-One Headset	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 2480MHz by LE_Code S=2	

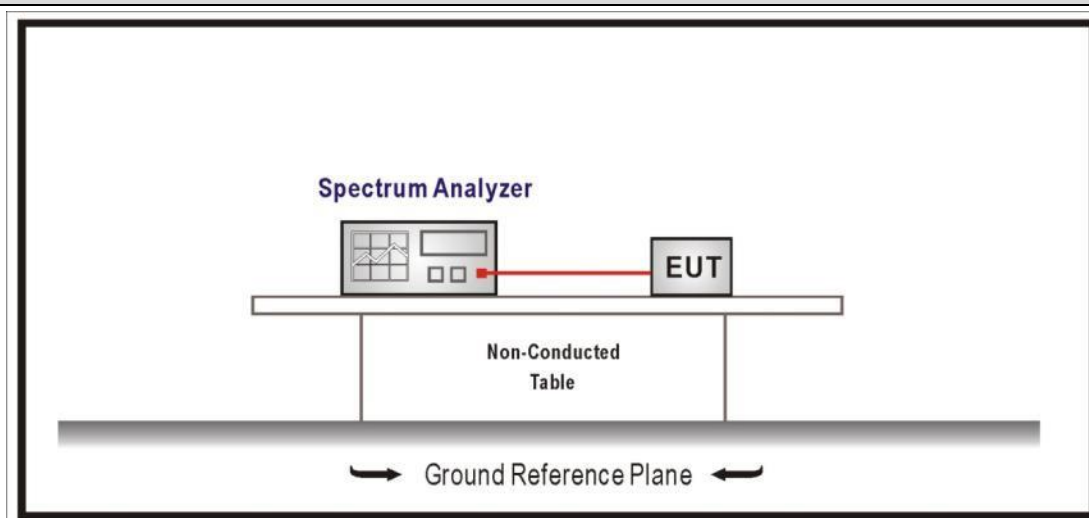


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2483.500	50.177	14.502	-23.823	74.000	35.675	PK

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

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

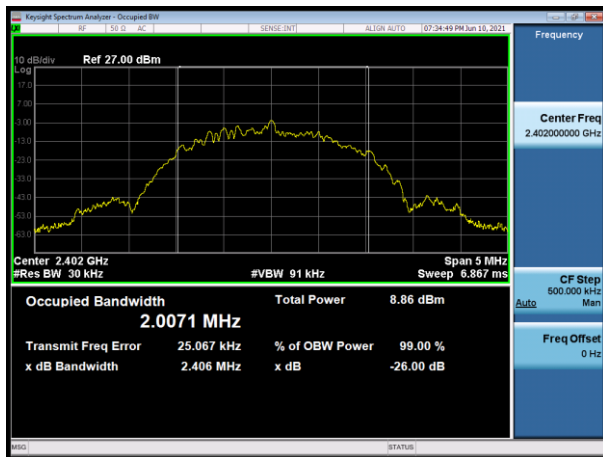
4.6.4 Test Data

Mode	CH.	Test Freq. (MHz)	99% Occupied Bandwidth (kHz)	6dB Occupied Bandwidth (kHz)	Limit (kHz)	Result
1	00	2402	1030.1	688.3	>500	Pass
	19	2440	1027.3	687.0	>500	Pass
	39	2480	1025.8	686.1	>500	Pass
2	00	2402	2007.1	1166.0	>500	Pass
	19	2440	2005.3	1166.0	>500	Pass
	39	2480	2006.4	1164.0	>500	Pass
3	00	2402	1045.0	636.0	>500	Pass
	19	2440	1043.4	636.4	>500	Pass
	39	2480	1044.2	636.7	>500	Pass
4	00	2402	1011.5	669.1	>500	Pass
	19	2440	1010.2	671.1	>500	Pass
	39	2480	1010.3	669.8	>500	Pass

Note : The worst case of Occupied Bandwidth as below:

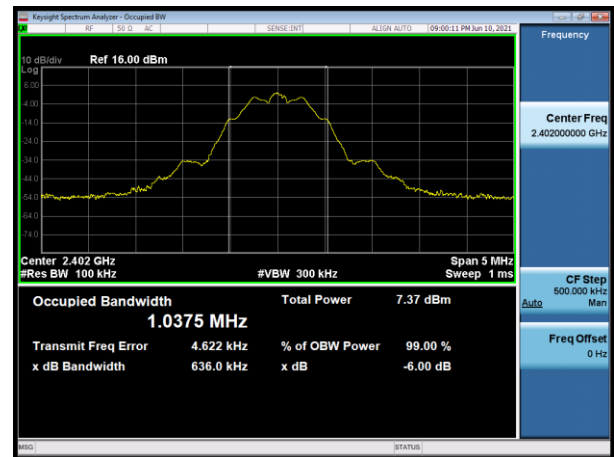
99% Occupied Bandwidth

Mode 2 CH00 (2402MHz)



6dB Occupied Bandwidth

Mode 1 CH39(2480MHz)



4.7 Fundamental emission output power

VERDICT: PASS

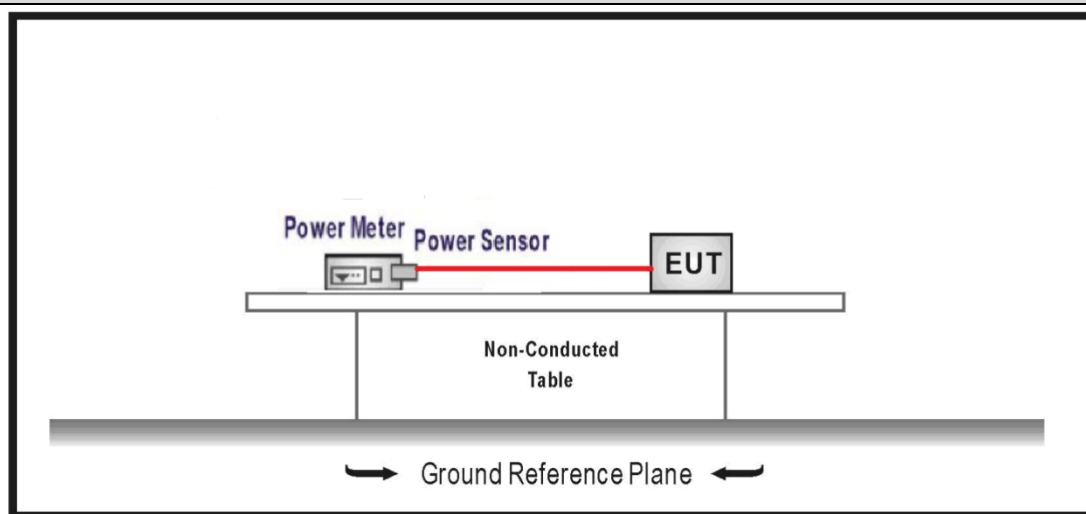
4.7.1 Limit

Standard		FCC Part 15 Subpart C Paragraph 15.247 (b)(3)
☒	GTX < 6dBi	$P_{out} \leq 30\text{dBm}$
☐	GTX > 6dBi	
☐	Non-Fix point-point	$P_{out} \leq 30 - (GTX - 6)$
☐	Fix point-point	$P_{out} \leq 30 - [(GTX - 6)]/3$
☐	Point-to-multipoint	$P_{out} \leq 30 - (GTX - 6)$
☐	Overlap Beams	$P_{out} \leq 30 - [(GTX - 6)]/3$
☐	Aggregate power transmitted simultaneously on all beams	$P_{out} \leq 30 - [(GTX - 6)]/3$
☐	single directional beam	$P_{out} \leq 30 - [(GTX - 6)]/3 + 8\text{dB}$

Note 1 : GTX directional gain of transmitting antennas.

Note 2 : Pout is maximum peak 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 $\geq$ 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 $\geq 98\%$)
		☐	ANSI C63.10	11.9.2.2.3 Method AVGSA-1A(Duty cycle $\geq 98\%$)
		☐	ANSI C63.10	11.9.2.2.4 Method AVGSA-2(Duty cycle $\leq 98\%$)
		☐	ANSI C63.10	11.9.2.2.5 Method AVGSA-2A(Duty cycle $\leq 98\%$)
		☐	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	00	2402	3.75	8.87	≤30	≤36	Pass
	19	2440	4.32	9.44	≤30	≤36	Pass
	39	2480	5.12	10.24	≤30	≤36	Pass
Mode 2	00	2402	3.85	8.97	≤30	≤36	Pass
	19	2440	4.32	9.44	≤30	≤36	Pass
	39	2480	4.86	9.98	≤30	≤36	Pass
Mode 3	00	2402	3.75	8.87	≤30	≤36	Pass
	19	2440	4.04	9.16	≤30	≤36	Pass
	39	2480	4.65	9.77	≤30	≤36	Pass
Mode 4	00	2402	3.73	8.85	≤30	≤36	Pass
	19	2440	4.58	9.7	≤30	≤36	Pass
	39	2480	4.79	9.91	≤30	≤36	Pass

4.8 Power Density

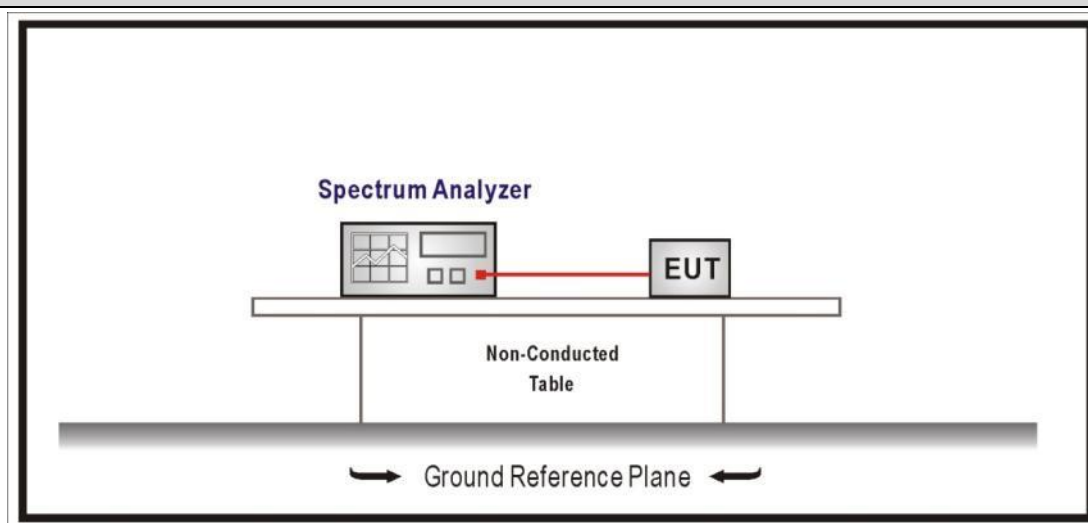
VERDICT: PASS

4.8.1 Limit:

Standard	FCC Part 15 Subpart C Paragraph 15.247 (b)(3)
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Power Spectral Density $\leq 8\text{dBm}/3\text{kHz}$

4.8.2 Test Setup



4.8.3 Test Procedure

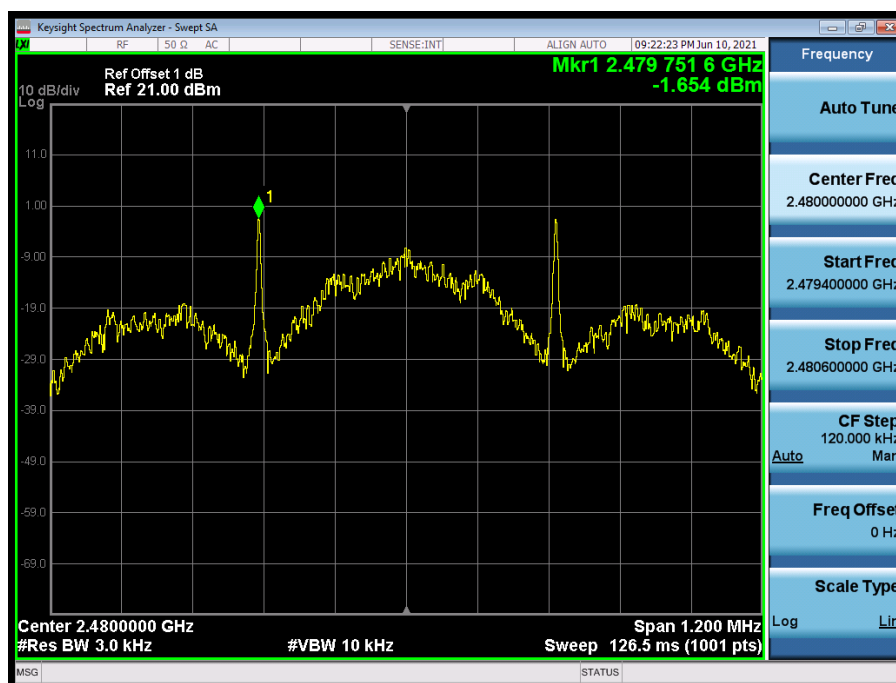
	References Rule		Chapter	Description
☒	ANSI C63.10		11.10	Maximum power spectral density level in the fundamental emission
	☒	ANSI C63.10	11.10.2	Method PKPSD (peak PSD)
	☐	ANSI C63.10	11.10.3	Method AVGPSD-1(Duty cycle $\geq 98\%$)
	☐	ANSI C63.10	11.10.4	Method AVGPSD-1A(Duty cycle $\geq 98\%$)
	☐	ANSI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

4.8.4 Test Data

Mode	Channel	Test Frequency (MHz)	Measurement PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
Mode 1	00	2402	-11.055	≤8	Pass
	19	2440	-10.922	≤8	Pass
	39	2480	-10.058	≤8	Pass
Mode 2	00	2402	-14.052	≤8	Pass
	19	2440	-13.787	≤8	Pass
	39	2480	-13.043	≤8	Pass
Mode 3	00	2402	-2.723	≤8	Pass
	19	2440	-2.423	≤8	Pass
	39	2480	-1.654	≤8	Pass
Mode 4	00	2402	-2.773	≤8	Pass
	19	2440	-2.557	≤8	Pass
	39	2480	-1.707	≤8	Pass

Note : The worst case of PSD as below:

Mode 1 CH39(2480MHz)



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

Standard	FCC Part 15 Subpart C Paragraph 15.203
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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 _____