Test Report

Applicant	:	NextSense, Inc
Address	:	703 N shoreline Blvd Mountain View CA 94043 US
Product Name	:	True Wireless Earbuds
Brand Mark	:	N/A
Model	:	Nextsense
FCC ID	:	2BH2W-NEXTSENSE
Report Number	:	BLA-EMC-202407-A11102
Date of Receipt	:	2024.07.29
Date of Test	:	2024.07.29 to 2024.08.08
Test Standard	:	47 CFR Part 15, Subpart C 15.247
Test Result	:	Pass

Compiled by: Hugh **Review by:** Sweely **Approved by:** Blue.Zheng

Issued Date: 2024.08.08

BlueAsia of Technical Services(Shenzhen) Co.,Ltd.

Address: Building C, No. 107, Shihuan Road, Shiyan Sub-District, Baoan District, Shenzhen, Guangdong Province, China

BlueAsia of Technical Services(Shenzhen) Co., Ltd. BLA

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Table of Contents

1 General information 4

1.1 General information 4

1.2 General description of EUT 4

2 Test summary 5

3 Test Configuration 6

3.1 Test mode 6

3.2 Operation Frequency each of channel 7

3.3 Test channel 7

3.4 Auxiliary equipment 8

3.5 Test environment 8

4 Laboratory information 9

4.1 Laboratory and accreditations 9

4.2 Measurement uncertainty 9

5 Test equipment 10

6 Test result 11

6.1 Antenna requirement 11

6.2 Conducted emissions at AC power line (150 kHz-30 MHz) 12

6.3 Conducted peak output Power 16

6.4 20dB Bandwidth 17

6.5 Conducted Band Edges Measurement 18

6.6 Conducted spurious emissions 19

6.7 Carrier Frequencies Separation 20

6.8 Hopping Channel Number 21

6.9 Dwell Time 22

6.10 Radiated spurious emissions 23

6.11 Radiated emissions which fall in the restricted bands 34

7 Appendix A 41

Appendix B: photographs of test setup 79

Appendix C: photographs of EUT 81

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Revise Record

Version No.	Date	Description
01	2024.08.08	Original

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1 General information

1.1 General information

Applicant	NextSense, Inc
Address	703 N shoreline Blvd Mountain View CA 94043 US
Manufacturer	NextSense, Inc
Address	703 N shoreline Blvd Mountain View CA 94043 US
Factory	N/A
Address	N/A

1.2 General description of EUT

Product name	True Wireless Earbuds
Model no.	Nextsense
Series model	N/A
Operation Frequency:	2402MHz-2480MHz
Modulation Type:	GFSK, pi/4DQPSK
Channel Spacing:	1MHz
Number of Channels:	79
Antenna Type:	Chip antenna
Antenna Gain:	1.7 dBi (Provided by customer)
Power supply or adapter information	Earphone: DC3.7V Charging Base: DC3.7V
Hardware Version	N/A
Software Version	N/A
Note: For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.	

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2 Test summary

No.	Test item	Result	Remark
1	Antenna Requirement	Pass	
2	Conducted Emissions at AC Power Line (150kHz-30MHz)	Pass	
3	Conducted Peak Output Power	Pass	
4	20dB Bandwidth	Pass	
5	Conducted Band Edges Measurement	Pass	
6	Conducted Spurious Emissions	Pass	
7	Carrier Frequencies Separation	Pass	
8	Hopping Channel Number	Pass	
9	Dwell Time	Pass	
10	Radiated Spurious Emissions	Pass	
11	Radiated Emissions which fall in the restricted bands	Pass	

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3 Test Configuration

3.1 Test mode

Test Mode [Note 1]	Description
TX	Keep the EUT in continuously transmitting mode with modulation. (hopping and non-hopping mode all have been tested)
RX	Keep the EUT in receiving mode
TX Low channel	Keep the EUT in continuously transmitting mode in low channel
TX middle channel	Keep the EUT in continuously transmitting mode in middle channel
TX high channel	Keep the EUT in continuously transmitting mode in high channel

Note 1: The EUT was configured to measure its highest possible emission and/or immunity level. The test modes were adapted according to the operation manual for use; the EUT was operated in the engineering mode [Note 2] to fix the TX or Rx frequency that was for the purpose of the measurements.

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3.2 Operation Frequency each of channel

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2402MHz	20	2422MHz	40	2442MHz	60	2462MHz
1	2403MHz	21	2423MHz	41	2443MHz	61	2463MHz
2	2404MHz	22	2424MHz	42	2444MHz	62	2464MHz
3	2405MHz	23	2425MHz	43	2445MHz	63	2465MHz
4	2406MHz	24	2426MHz	44	2446MHz	64	2466MHz
5	2407MHz	25	2427MHz	45	2447MHz	65	2467MHz
6	2408MHz	26	2428MHz	46	2448MHz	66	2468MHz
7	2409MHz	27	2429MHz	47	2449MHz	67	2469MHz
8	2410MHz	28	2430MHz	48	2450MHz	68	2470MHz
9	2411MHz	29	2431MHz	49	2451MHz	69	2471MHz
10	2412MHz	30	2432MHz	50	2452MHz	70	2472MHz
11	2413MHz	31	2433MHz	51	2453MHz	71	2473MHz
12	2414MHz	32	2434MHz	52	2454MHz	72	2474MHz
13	2415MHz	33	2435MHz	53	2455MHz	73	2475MHz
14	2416MHz	34	2436MHz	54	2456MHz	74	2476MHz
15	2417MHz	35	2437MHz	55	2457MHz	75	2477MHz
16	2418MHz	36	2438MHz	56	2458MHz	76	2478MHz
17	2419MHz	37	2439MHz	57	2459MHz	77	2479MHz
18	2420MHz	38	2440MHz	58	2460MHz	78	2480MHz
19	2421MHz	39	2441MHz	59	2461MHz	--	

3.3 Test channel

Channel	Frequency
The lowest channel	2402MHz
The middle channel	2441MHz
The Highest channel	2480MHz

3.4 Auxiliary equipment

Device Type	Manufacturer	Model Name	Serial No.	Remark
PC	Lenovo	E460C	N/A	From lab (No.BLA-ZC-BS-2022005)
Note: "--" mean no any auxiliary device during testing.				

3.5 Test environment

Environment	Temperature	Voltage
Normal	25°C	DC 3.7V

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4 Laboratory information

4.1 Laboratory and accreditations

The test facility is recognized, certified, or accredited by the following organizations:

Company name:	BlueAsia of Technical Services(Shenzhen) Co., Ltd.
Address:	Building C, No. 107, Shihuan Road, Shiyan Sub-District, Baoan District, Shenzhen, Guangdong Province, China
CNAS accredited No.:	L9788
A2LA Cert. No.:	5071.01
FCC Designation No.:	CN1252
ISED CAB identifier No.:	CN0028
Telephone:	+86-755-28682673
FAX:	+86-755-28682673

4.2 Measurement uncertainty

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=1.96.

Parameter	Expanded Uncertainty
Radiated Emission(9kHz-30MHz)	±4.34dB
Radiated Emission(30Mz-1000MHz)	±4.24dB
Radiated Emission(1GHz-18GHz)	±4.68dB
AC Power Line Conducted Emission(150kHz-30MHz)	±3.45dB
Occupied Channel Bandwidth	±5 %
RF output power, conducted	±1.5 dB
Power Spectral Density, conducted	±3.0 dB
Unwanted Emissions, conducted	±3.0 dB
Temperature	±3 °C
Supply voltages	±3 %
Time	±5 %

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5 Test equipment

Equipment No.	Equipment Name	Model No.	Manufacture	S/N	Cal. Date	Next Cal. Date
BLA-EMC-008	Spectrum	FSP40	R&S	100817	2023/08/30	2024/08/29
BLA-EMC-009	EMI Receiver	ESR7	R&S	101199	2023/08/30	2024/08/29
BLA-EMC-011	LISN	ENV216	R&S	101372	2023/08/30	2024/08/29
BLA-EMC-012	broad band Antenna	VULB9168	Schwarz beck	00836 P:00227	2022/10/12	2025/10/11
BLA-EMC-013	Horn Antenna	BBHA9120D	Schwarz beck	01892	2022/09/13	2025/09/12
BLA-EMC-014	Amplifier	PA_000318G-45	SKET	PA2018043003	2023/08/30	2024/08/29
BLA-EMC-016	Signal Generator	N5182A	Agilent	MY52420567	2023/11/16	2024/11/15
BLA-EMC-028	Spectrum	N9020A	Agilent	MY53420839	2023/11/16	2024/11/15
BLA-EMC-038	Spectrum	N9020A	Agilent	MY49100060	2023/08/30	2024/08/29
BLA-EMC-041	LISN	AT166-2	ATTEN	AKK1806000003	2023/08/30	2024/08/29
BLA-EMC-042	Power sensor	RPR3006W	DARE	14I00889SN042	2023/09/01	2024/08/31
BLA-EMC-043	Loop antenna	FMZB1519B	SCHNARZBECK	00102	2022/09/14	2025/09/13
BLA-EMC-044	Wideband radio communication tester	CMW500	R&S	132429	2023/08/30	2024/08/29
BLA-EMC-045	Impedance stable network	ISNT8-cat6	TESEQ	53580	2023/08/30	2024/08/29
BLA-EMC-046	Filter bank	2.4G/5G Filter bank	SKET	N/A	2024/07/07	2025/07/06
BLA-EMC-061	Receiver	ESPI7	R&S	101477	2024/07/07	2025/07/06
BLA-EMC-062	Signal Generator	N5181A	Agilent	MY46240904	2024/07/07	2025/07/06
BLA-EMC-064	Signal Generator	N5182B	KEYSIGHT	MY58108892	2024/07/07	2025/07/06
BLA-EMC-065	broadband Antenna	VULB9168	Schwarz beck	01065P	2022/12/12	2025/12/11
BLA-EMC-066	Amplifier	LNPA_30M01G-30	SKET	SK2021060801	2024/07/07	2025/07/06
BLA-EMC-079	Spectrum	N9020A	Agilent	MY54420161	2023/08/30	2024/08/29
BLA-EMC-080	Signal Generator	N5182A	Agilent	MY47420955	2023/08/30	2024/08/29
BLA-EMC-086	Amplifier	LNPA_18G40G-50dB	SKET	SK2022071301	2023/08/14	2024/08/13

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6 Test result

6.1 Antenna requirement

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	N/A

6.1.1 Requirement

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 an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit permanently attached antenna or of a so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

EUT antenna:
The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the antenna is 1.7 dBi.

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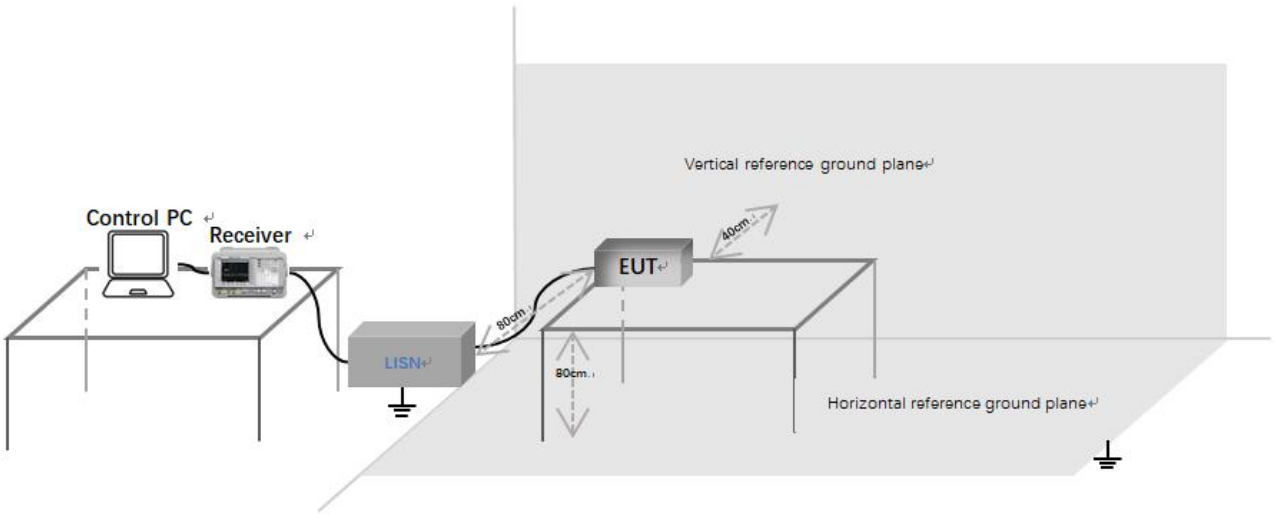
6.2 Conducted emissions at AC power line (150 kHz-30 MHz)

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 6.2
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX

6.2.1 Limit

Frequency of emission(MHz)	**Conducted limit(dBμV)**	
	Quasi-peak	**Average**
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50
*Decreases with the logarithm of the frequency.		

6.2.2 Test setup



Description of test setup connection:

a) *Connect the control PC to the receiver through a USB to GPIB cable;*

b) *The receiver is connected to the LISN through a coaxial line;*

c) *Connect the power port of LISN to the EUT.*

6.2.3 Procedure

1) The mains terminal disturbance voltage test was conducted in a shielded room.

2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50ohm/50H + 5ohm linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.

3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,

4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.

5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.

6) All modes have been tested, and only the worst mode is showed in the report.

LISN=Read Level+ Cable Loss+ LISN Factor

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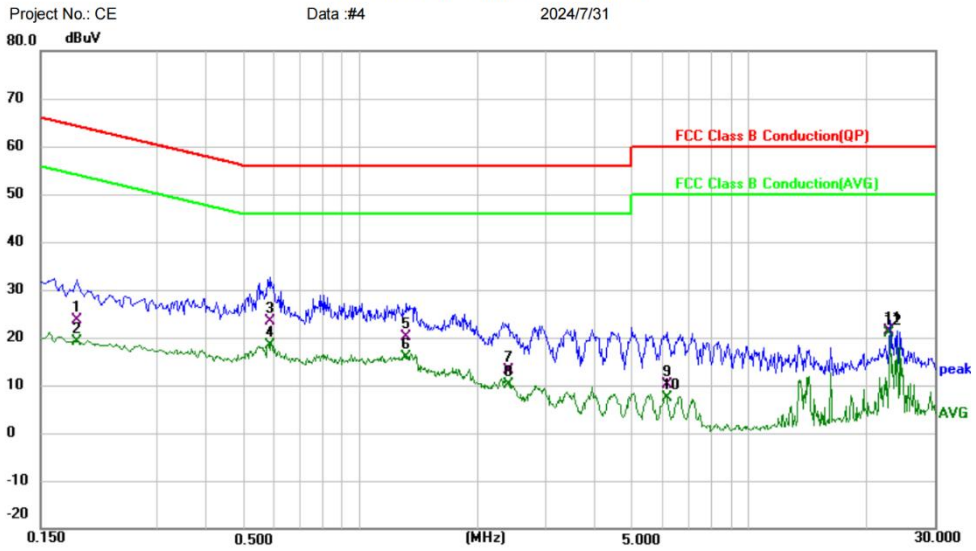
6.2.4 Test data

Remark: During the test, pre-scan the GFSK, pi/4DQPSK mode, and found the GFSK mode which it is worse case.

[Test mode: TX]; [Line: Line];[Power:AC120V/60Hz]



Site		Phase:	*L1*	Temperature:	(C)
Limit:	FCC Class B Conduction(QP)	Power:		Humidity:	%RH
EUT:	True Wireless Earbuds	Distance:	RBW: 9 KHz		
M/N:	Nextsense		VBW: 30 KHz	Sweep Time: 10 ms	
Mode:	BT-TX				
Note:					

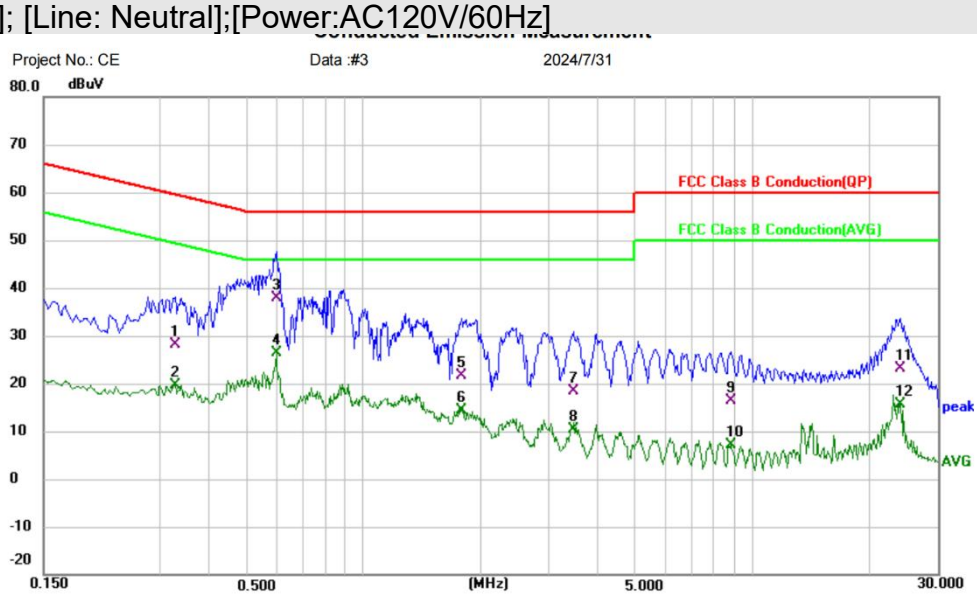
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		0.1860	13.28	10.25	23.53	64.21	-40.68	QP			
2		0.1860	8.98	10.25	19.23	54.21	-34.98	AVG			
3		0.5860	13.36	9.91	23.27	56.00	-32.73	QP			
4	*	0.5860	8.51	9.91	18.42	46.00	-27.58	AVG			
5		1.3099	10.26	9.90	20.16	56.00	-35.84	QP			
6		1.3099	5.94	9.90	15.84	46.00	-30.16	AVG			
7		2.4020	3.06	10.11	13.17	56.00	-42.83	QP			
8		2.4020	0.03	10.11	10.14	46.00	-35.86	AVG			
9		6.1500	-0.45	10.63	10.18	60.00	-49.82	QP			
10		6.1500	-3.28	10.63	7.35	50.00	-42.65	AVG			
11		23.1299	6.31	14.95	21.26	60.00	-38.74	QP			
12		23.1299	5.91	14.95	20.86	50.00	-29.14	AVG			

*:Maximum data x:Over limit !:over margin 〈Reference Only

Receiver: ESPI_1 Spectrum Analyzer: ESPI

Test Result: Pass

[Test mode: TX]; [Line: Neutral];[Power:AC120V/60Hz]



Site		Phase:	N	Temperature:	(C)
Limit:	FCC Class B Conduction(QP)	Power:		Humidity:	%RH
EUT:	True Wireless Earbuds	Distance:	RBW: 9 KHz		
M/N:	Nextsense		VBW: 30 KHz	Sweep Time: 10 ms	
Mode:	BT-TX				
Note:					

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		0.3260	18.25	9.88	28.13	59.55	-31.42	QP			
2		0.3260	9.83	9.88	19.71	49.55	-29.84	AVG			
3	*	0.5940	28.00	9.86	37.86	56.00	-18.14	QP			
4		0.5940	16.62	9.86	26.48	46.00	-19.52	AVG			
5		1.7820	11.61	9.99	21.60	56.00	-34.40	QP			
6		1.7820	4.28	9.99	14.27	46.00	-31.73	AVG			
7		3.4660	8.25	10.05	18.30	56.00	-37.70	QP			
8		3.4660	0.41	10.05	10.46	46.00	-35.54	AVG			
9		8.7980	5.02	11.28	16.30	60.00	-43.70	QP			
10		8.7980	-4.18	11.28	7.10	50.00	-42.90	AVG			
11		24.0459	8.16	14.86	23.02	60.00	-36.98	QP			
12		24.0459	0.66	14.86	15.52	50.00	-34.48	AVG			

*:Maximum data x:Over limit !:over margin 〈Reference Only

Receiver: ESPI_1 Spectrum Analyzer: ESPI

Test Result: Pass

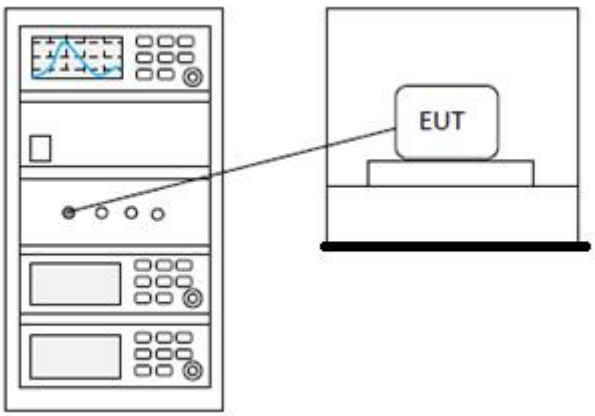
6.3 Conducted peak output Power

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.5
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX

6.3.1 Limit

Frequency range(MHz)	Output power of the intentional radiator(watt)
902-928	1 for ≥50 hopping channels
	0.25 for 25≤ hopping channels <50
	1 for digital modulation
2400-2483.5	1 for ≥75 non-overlapping hopping channels
	0.125 for all other frequency hopping systems
	1 for digital modulation
5725-5850	1 for frequency hopping systems and digital modulation

6.3.2 Test setup



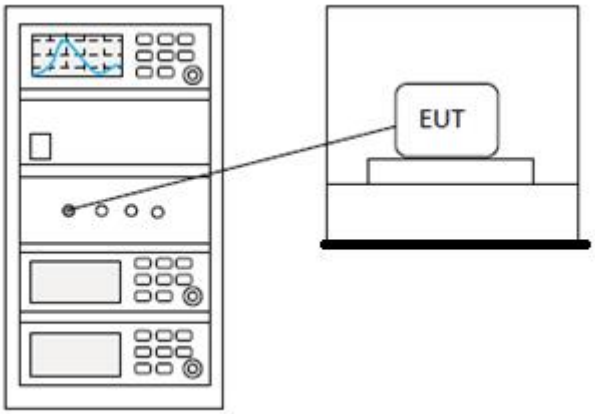
6.3.3 Test data

Pass: Please refer to appendix A for details

6.4 20dB Bandwidth

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.7
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Charlie
Temperature	25℃
Humidity	60%

6.4.1 Test setup



6.4.2 Test data

Pass: Please refer to appendix A for details

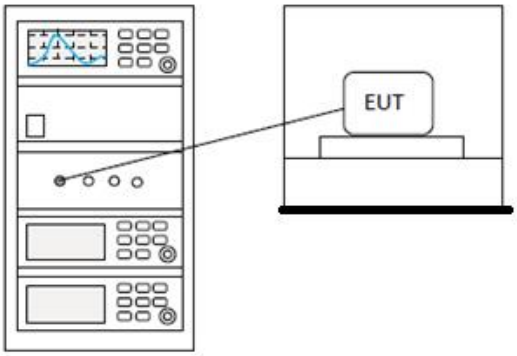
6.5 Conducted Band Edges Measurement

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.8 & Section 11.13.3.2
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX

6.5.1 Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits.
If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20dB.
Attenuation below the general limits specified in §15.209(a) is not required.
In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

6.5.2 Test setup



6.5.3 Test data

Pass: Please refer to appendix A for details

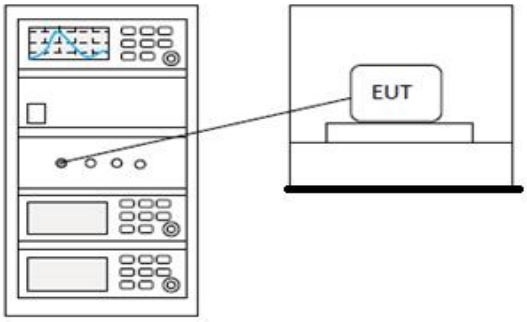
6.6 Conducted spurious emissions

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.6 & Section 11.11
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX

6.6.1 Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits.
If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20dB.
Attenuation below the general limits specified in §15.209(a) is not required.
In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

6.6.2 Test setup



6.6.3 Test data

Pass: Please refer to appendix A for details

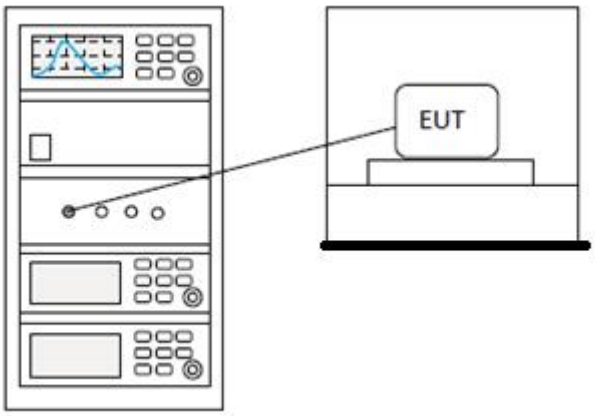
6.7 Carrier Frequencies Separation

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.2
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX

6.7.1 Limit

2/3 of the 20dB bandwidth base on the transmission power is less than 0.125W

6.7.2 Test setup



6.7.3 Test data

Pass: Please refer to appendix A for details

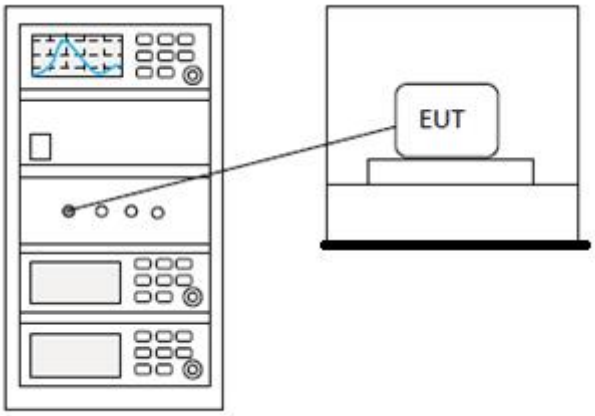
6.8 Hopping Channel Number

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.3
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX

6.8.1 Limit

Frequency range(MHz)	Number of hopping channels (minimum)
902-928	50 for 20dB bandwidth <250kHz
	25 for 20dB bandwidth ≥250kHz
2400-2483.5	15
5725-5850	75

6.8.2 Test setup



6.8.3 Test data

Pass: Please refer to appendix A for details

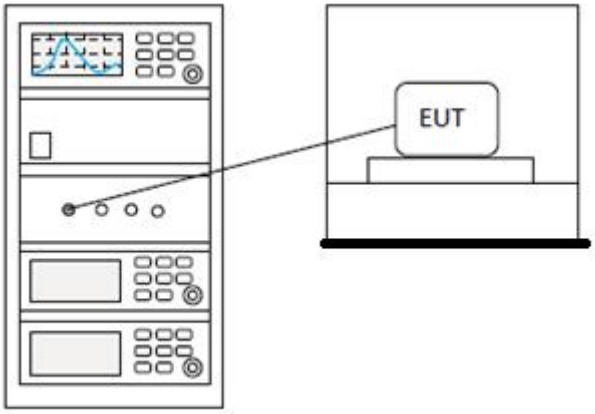
6.9 Dwell Time

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.4
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX

6.9.1 Limit

Frequency(MHz)	Limit
902-928	0.4s within a 20s period(20dB bandwidth<250kHz)
	0.4s within a 10s period(20dB bandwidth≥250kHz)
2400-2483.5	0.4s within a period of 0.4s multiplied by the number of hopping channels
5725-5850	0.4s within a 30s period

6.9.2 Test setup



6.9.3 Test data

Pass: Please refer to appendix A for details

6.10 Radiated spurious emissions

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 6.4,6.5,6.6
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX

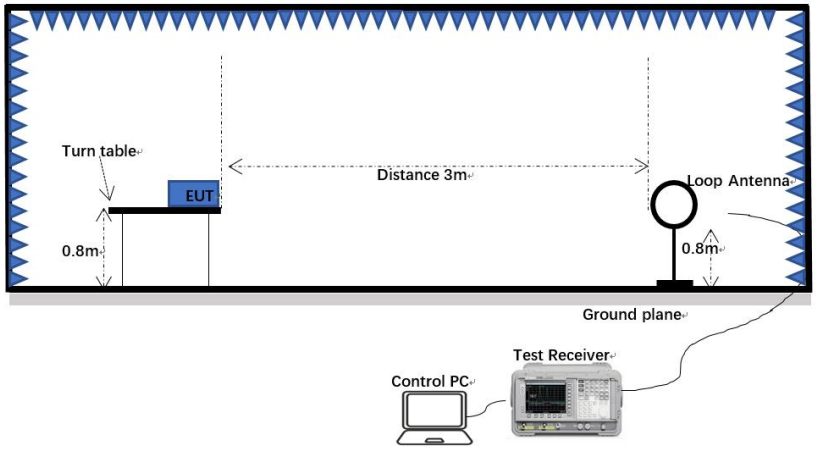
6.10.1 Limit

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

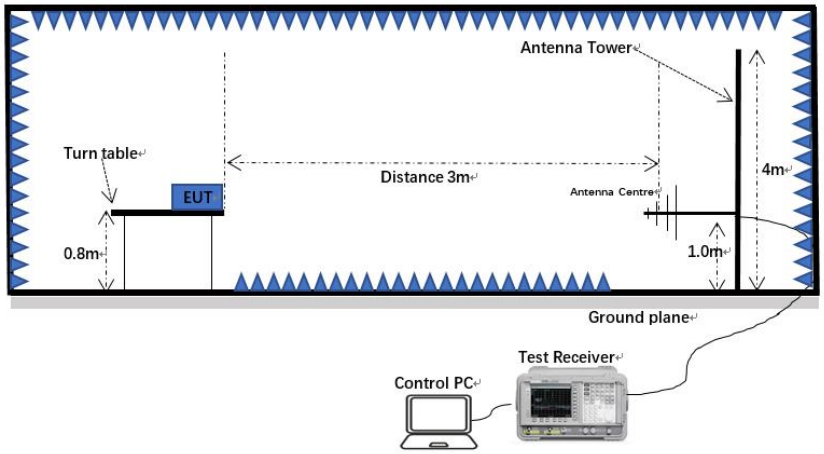
Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

6.10.2 Test setup

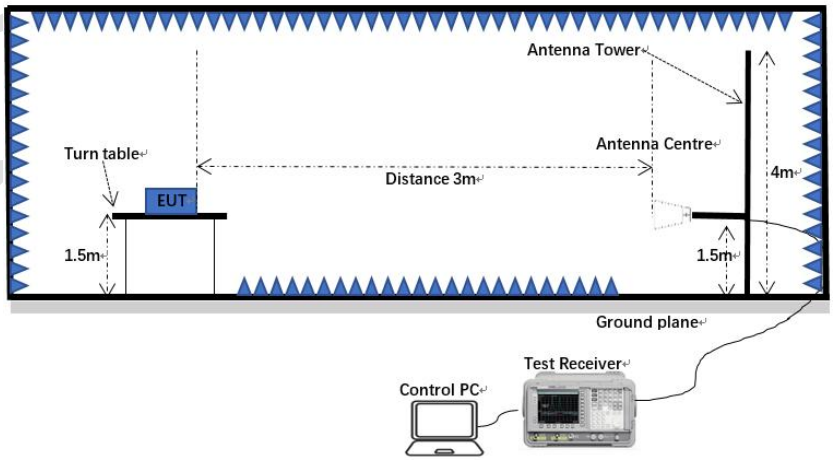
Below 1GHz：



30MHz-1GHz：



Above 1GHz：



6.10.3 Procedure

a) For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

b) For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

c) The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

d) The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

e) For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

f) The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

g) If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

h) Test the EUT in the lowest channel, the middle channel, the highest channel.

i) The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.

j) Repeat above procedures until all frequencies measured was complete.

Note 1: Scan from 9 kHz to 25GHz, the disturbance above 12.75GHz and below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported. Fundamental frequency is blocked by filter, and only spurious emission is shown. all modes have been tested, and only the worst mode is showed in the report.

Note 2: For frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

Note 3: The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

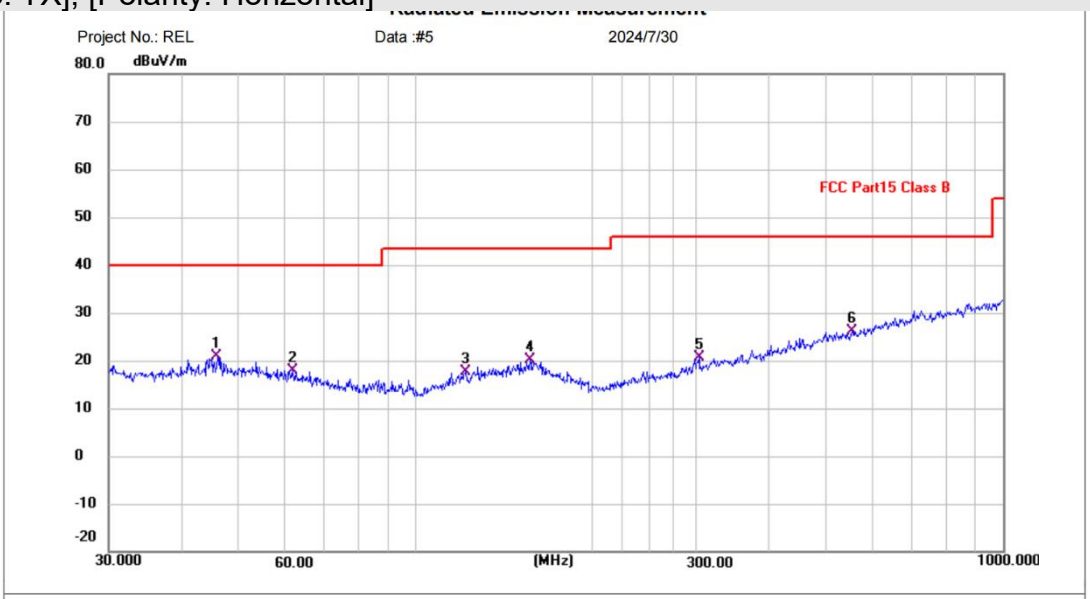
Level (dBuV) = Reading (dBuV) + Factor (dB/m)

6.10.4 Test data

Remark: During the test, pre-scan the GFSK, pi/4DQPSK mode, and found the GFSK mode which it is worse case.

Below 1GHz

[Test mode: TX]; [Polarity: Horizontal]



Site
Limit: FCC Part15 Class B
EUT: True Wireless Earbuds
M/N: Nextsense
Mode: BT-TX
Note:

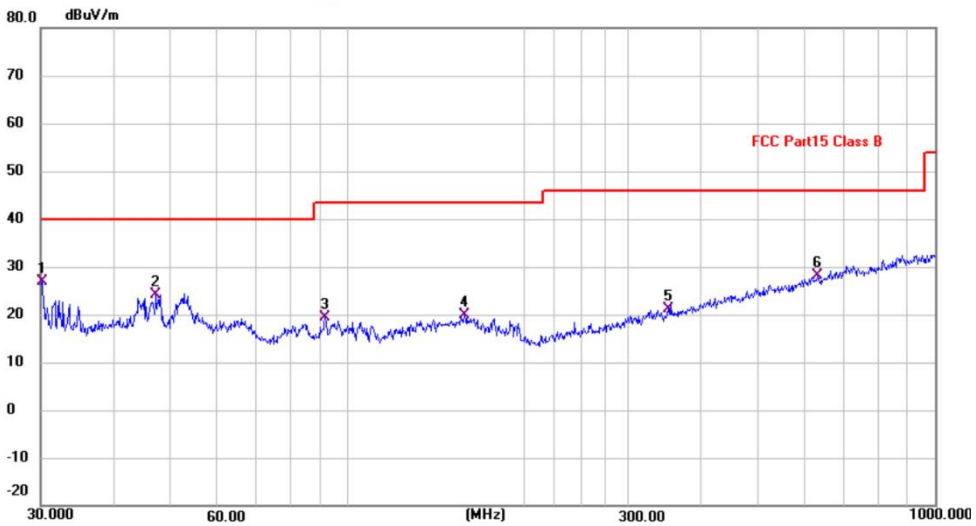
Polarization: ***Horizontal***
Power:

Temperature: (C)
Humidity: %RH

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1 *	46.0162	1.39	19.59	20.98	40.00	-19.02	QP	P	
2	61.7780	-0.25	18.22	17.97	40.00	-22.03	QP	P	
3	121.5485	-1.00	18.55	17.55	43.50	-25.95	QP	P	
4	156.4577	-0.58	20.71	20.13	43.50	-23.37	QP	P	
5	303.5437	0.36	20.15	20.51	46.00	-25.49	QP	P	
6	552.8832	0.12	25.99	26.11	46.00	-19.89	QP	P	

Test Result: Pass

[Test mode: TX]; [Polarity: Vertical]



Site
Limit: FCC Part15 Class B
EUT: True Wireless Earbuds
M/N: Nextsense
Mode: BT-TX
Note:

Polarization: ***Vertical***
Power:

Temperature: (C)
Humidity: %RH

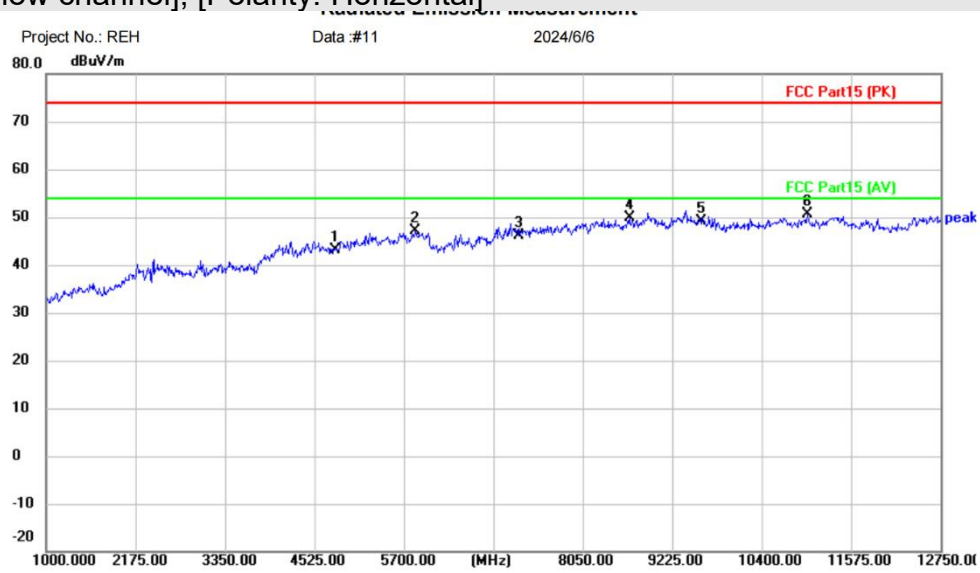
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1 *	30.2111	7.99	18.84	26.83	40.00	-13.17	QP	P	
2	47.1598	4.81	19.44	24.25	40.00	-15.75	QP	P	
3	91.4947	4.23	15.25	19.48	43.50	-24.02	QP	P	
4	158.1123	-0.68	20.68	20.00	43.50	-23.50	QP	P	
5	351.7079	-0.17	21.39	21.22	46.00	-24.78	QP	P	
6	631.6883	0.39	27.65	28.04	46.00	-17.96	QP	P	

Test Result: Pass

Remark: During the test, pre-scan the GFSK, pi/4DQPSK mode, and found the GFSK mode which it is worse case.

Above 1GHz:

[Test mode: TX low channel]; [Polarity: Horizontal]



Site
Limit: FCC Part15 (PK)
EUT: True Wireless Earbuds
M/N: Nextsense
Mode: BT-2402 L
Note:

Polarization: ***Horizontal***
Power:

Temperature: (C)
Humidity: %RH

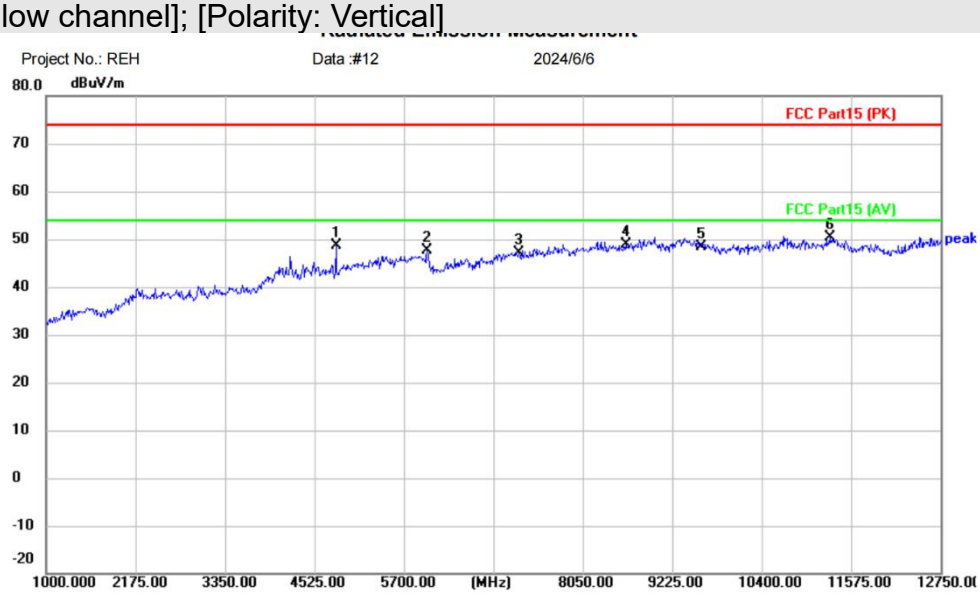
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4804.000	37.58	5.64	43.22	74.00	-30.78	peak	
2		5852.750	38.80	8.42	47.22	74.00	-26.78	peak	
3		7206.000	37.00	9.24	46.24	74.00	-27.76	peak	
4		8661.000	38.50	11.34	49.84	74.00	-24.16	peak	
5		9608.000	36.82	12.31	49.13	74.00	-24.87	peak	
6	*	10999.25	37.13	13.48	50.61	74.00	-23.39	peak	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Receiver: Spectrum Analyzer: FSP40

Test Result: Pass

[Test mode: TX low channel]; [Polarity: Vertical]



Site
Limit: FCC Part15 (PK)
EUT: True Wireless Earbuds
M/N: Nextsense
Mode: BT-2402 L
Note:

Polarization: *Vertical*
Power:

Temperature: (C)
Humidity: %RH

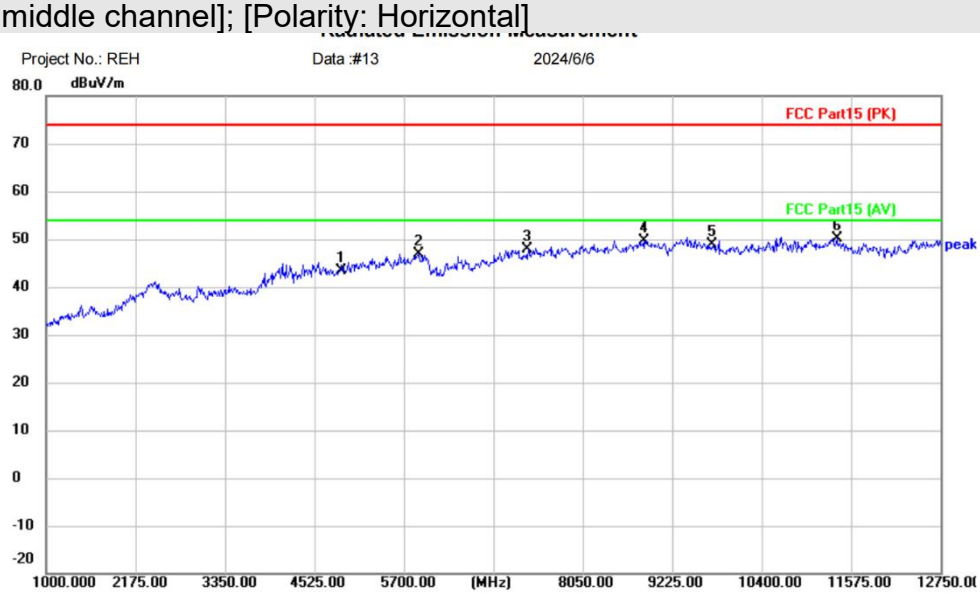
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4807.000	43.01	5.64	48.65	74.00	-25.35	peak	
2		6005.500	41.92	5.61	47.53	74.00	-26.47	peak	
3		7206.000	37.84	9.24	47.08	74.00	-26.92	peak	
4		8614.000	37.75	11.16	48.91	74.00	-25.09	peak	
5		9608.000	35.95	12.31	48.26	74.00	-25.74	peak	
6	*	11293.00	37.60	12.70	50.30	74.00	-23.70	peak	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Receiver: Spectrum Analyzer: FSP40

Test Result: Pass

[Test mode: TX middle channel]; [Polarity: Horizontal]



Site
Limit: FCC Part15 (PK)
EUT: True Wireless Earbuds
M/N: Nextsense
Mode: BT-2441 L
Note:

Polarization: ***Horizontal***
Power:

Temperature: (C)
Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4882.000	37.67	5.73	43.40	74.00	-30.60	peak	
2		5888.000	38.33	8.60	46.93	74.00	-27.07	peak	
3		7323.000	38.34	9.43	47.77	74.00	-26.23	peak	
4		8849.000	37.93	11.77	49.70	74.00	-24.30	peak	
5		9764.000	36.57	12.21	48.78	74.00	-25.22	peak	
6	*	11387.00	37.54	12.63	50.17	74.00	-23.83	peak	

*:Maximum data x:Over limit !:over margin 〈Reference Only

Receiver: Spectrum Analyzer: FSP40

Test Result: Pass