



HYBRID ANC TWS SPORT EARBUD **Product**

VOKALEN Trade mark

Model/Type reference Reflex Pro

Serial Number N/A

Report Number : EED32Q81209201 FCC ID MV3-TWSBT015

Date of Issue Sep. 09, 2024

Test Standards 47 CFR Part 15 Subpart C

Test result **PASS**

Prepared for:

Country Mate Technology Ltd 5/F, Blk E, Hing Yip Center. 31 Hing Yip Street Kwun Tong, KIn N/A Hong Kong

Prepared by:

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Check No.: 2947120824



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Version No.	Date	16	Description	
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Test Item	Test Requirement	Result	
Antenna Requirement	47 CFR Part 15, Subpart C Section 15.203/15.247 (c)	PASS	
AC Power Line Conducted Emission	47 CFR Part 15, Subpart C Section 15.207	N/A	
Maximum Conducted Output Power	47 CFR Part 15, Subpart C Section 15.247 (b)(1)	PASS	
20dB Emission Bandwidth	47 CFR Part 15, Subpart C Section 15.247 (a)(1)	PASS	
Carrier Frequency Separation	47 CFR Part 15, Subpart C Section 15.247 (a)(1)	PASS	
Number of Hopping Channels	47 CFR Part 15, Subpart C Section 15.247 (a)(1)	PASS	
Time of Occupancy	47 CFR Part 15, Subpart C Section 15.247 (a)(1)	PASS	
Pseudorandom Frequency Hopping Sequence	47 CFR Part 15, Subpart C Section 15.247(b)(4)	PASS	
Band Edge Measurements	47 CFR Part 15, Subpart C Section 15.247(d)	PASS	
Conducted Spurious Emissions	47 CFR Part 15, Subpart C Section 15.247(d)	PASS	
Radiated Spurious emissions	47 CFR Part 15, Subpart C Section 15.205/15.209	PASS	
Restricted bands around fundamental frequency	47 CFR Part 15, Subpart C Section 15.205/15.209	PASS	

Remark:

N/A: The product is powered by battery.

Company Name and Address shown on Report, the sample(s) and sample Information were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified.







4.1 Client Information

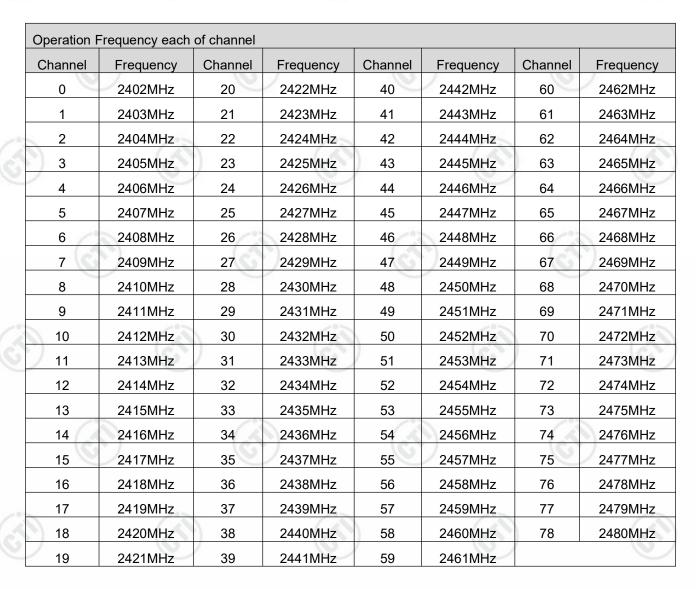
Applicant:	Country Mate Technology Ltd
Address of Applicant:	5/F, Blk E, Hing Yip Center. 31 Hing Yip Street Kwun Tong, Kln N/A Hong Kong
Manufacturer:	Country Mate Technology Ltd
Address of Manufacturer:	5/F, Blk E, Hing Yip Center. 31 Hing Yip Street Kwun Tong, Kln N/A Hong Kong

4.2 General Description of EUT

Product Name:	HYBRID ANC TWS SPORT EARBUD				
Model No.:	Reflex Pro	(6,1)			
Trade Mark:	VOKALEN				
Product Type:	☐ Mobile ☐ Portable ☐ Fixed Loca	ation			
Operation Frequency:	Operation Frequency: 2402MHz~2480MHz				
Modulation Technique:	Frequency Hopping Spread Spectrum(FHS	S)			
Modulation Type:	GFSK, π/4DQPSK, 8DPSK				
Number of Channel:	Number of Channel: 79				
Hopping Channel Type:	Hopping Channel Type: Adaptive Frequency Hopping systems				
Antenna Type:	LDS Antenna				
Antenna Gain:	Right ear: 0.6dBi Left ear: 0.5dBi				
Power Supply:	Battery: DC 3.85V				
Test Voltage:	DC 3.85V				
Sample Received Date:	Aug. 13, 2024				
Sample tested Date:					







Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Channel	Frequency
The Lowest channel	2402MHz
The Middle channel	2441MHz
The Highest channel	2480MHz











Test Configuration 4.3

EUT Test Software Settings	S:				
Software:	BQB.exe				
EUT Power Grade:	Default (Power level is built-in set paran selected)	neters and cannot be changed and			
Use test software to set the litransmitting of the EUT.	owest frequency, the middle frequency and t	he highest frequency keep			
Mode	Channel	Frequency(MHz)			
40%	CH0	2402			
DH1/DH3/DH5	CH39	2441			
	CH78	2480			
	CH0	2402			
2DH1/2DH3/2DH5	CH39	2441			
	CH78	2480			
	СНО	2402			
3DH1/3DH3/3DH5	CH39	2441			
('5)	CH78	2480			







Operating Environment			
Radiated Spurious Emi	ssions:		
Temperature:	22~25.0 °C		
Humidity:	50~55 % RH		
Atmospheric Pressure:	1010mbar	100	13
Conducted Emissions:			
Temperature:	22~25.0 °C		
Humidity:	50~55 % RH		
Atmospheric Pressure:	1010mbar		
RF Conducted:			
Temperature:	22~25.0 °C		
Humidity:	50~55 % RH		
Atmospheric Pressure:	1010mbar		

4.5 **Description of Support Units**

The EUT has been tested with associated equipment below.

1) support equipment

Description	Manufacturer	Model No.	Certification	Supplied by
	, •	/		,

4.6 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd

Building C, Hongwei Industrial Park Block 70, Bao'an District, Shenzhen, China

Telephone: +86 (0) 755 33683668 Fax:+86 (0) 755 33683385

No tests were sub-contracted. FCC Designation No.: CN1164





















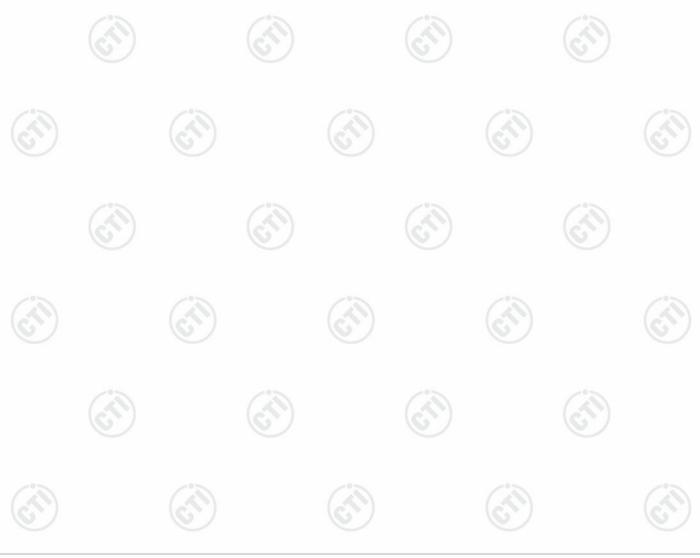






Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	Measurement Uncertainty	
1	Radio Frequency	7.9 x 10 ⁻⁸	
2	DE newer conducted	0.46dB (30MHz-1GHz)	
2	RF power, conducted	0.55dB (1GHz-40GHz)	
	(3)	3.3dB (9kHz-30MHz)	
3	Dedicted Spurious emission test	4.3dB (30MHz-1GHz)	
3	Radiated Spurious emission test	4.5dB (1GHz-18GHz)	
		3.4dB (18GHz-40GHz)	
4	Conduction emission	3.5dB (9kHz to 150kHz)	
4	Conduction emission	3.1dB (150kHz to 30MHz)	
5	Temperature test	0.64°C	
6	Humidity test	3.8%	
7	DC power voltages	0.026%	









RF test system					
Equipment	Manufacturer	Model No.	Serial Number	Cal. Date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)
Communication test set	R&S	CMW500	107929	06-26-2024	06-25-2025
Signal Generator	R&S	SMBV100A	1407.6004K02- 262149-CV	09-05-2023	09-04-2024
Spectrum Analyzer	R&S	FSV40	101200	07-18-2024	07-17-2025
RF control unit(power unit)	MWRF-test	MW100-RFCB	MW220620CTI-42	06-25-2024	06-24-2025
High-low temperature test chamber	Dong Guang Qin Zhuo	LK-80GA	QZ20150611879	11-12-2023	12-10-2024
Temperature/ Humidity Indicator	biaozhi	HM10	1804186	05-29-2024	05-28-2025
BT&WI-FI Automatic test software	MWRF-test	MTS 8310	V2.0.0.0		
Spectrum Analyzer	R&S	FSV3044	101509	01-17-2024	01-16-2025





























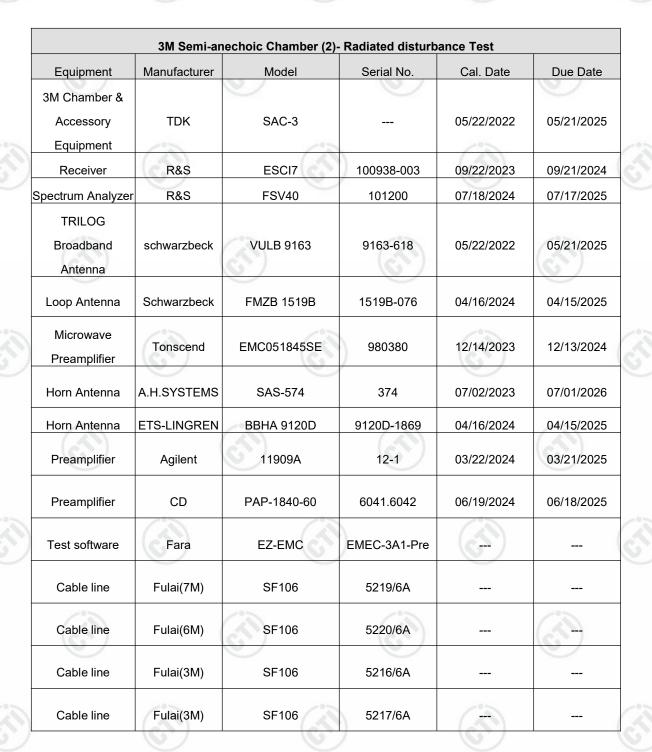






























5.1 Antenna Requirement

Standard requirement: 47 CFR Part 15C Section 15.203 /247(c)

15.203 requirement:

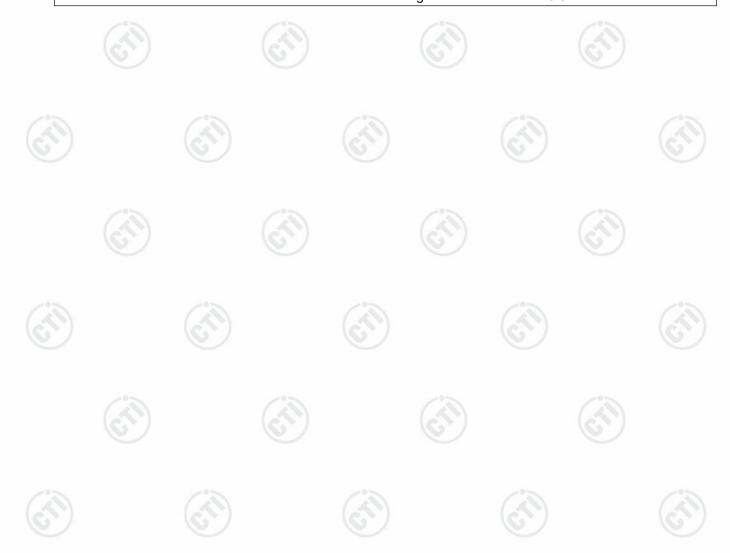
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit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

15.247(b) (4) requirement:

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.

EUT Antenna: Please see Internal photos

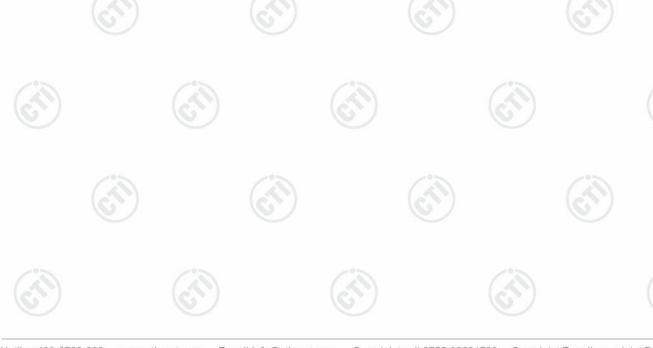
Right ear: The antenna is LDS antenna. The best case gain of the antenna is 0.6dBi. Left ear: The antenna is LDS antenna. The best case gain of the antenna is 0.5dBi.







Test Requirement:	47 CFR Part 15C Section 15.247 (b)(1)				
Test Method:	ANSI C63.10:2013				
Test Setup:	RF test Control Control Power Supply RF test System Instrument Table Remark: Offset=Cable loss+ attenuation factor.				
Test Procedure:	Use the following spectrum analyzer settings: Span = approximately 5 times the 20 dB bandwidth, centered on a hopping channel RBW > the 20 dB bandwidth of the emission being measured VBW ≥ RBW Sweep = auto Detector function = peak Trace = max hold Allow the trace to stabilize. Use the marker-to-peak function to set the marker to the peak of the emission.				
Limit:	21dBm				
Exploratory Test Mode:	Non-hopping transmitting with all kind of modulation and all kind of data type				
Final Test Mode:	Through Pre-scan, find the DH5 of data type is the worst case of GFSK modulation type, 2-DH5 of data type is the worst case of $\pi/4DQPSK$ modulation type, 3-DH5 of data type is the worst case of 8DPSK modulation type.				
Test Results:	Refer to Appendix Bluetooth Classic				











Test Requirement:	47 CFR Part 15C Section 15.247 (a)(1)						
Test Method:	ANSI C63.10:2013						
Test Setup:	RF test System Instrument Remark: Offset=Cable loss+ attenuation factor. 1. The RF output of EUT was connected to the spectrum analyzer by RF						
l est Procedure:	cable and attenuator. The path loss was compensated to the results for each measurement. 2. Set to the maximum power setting and enable the EUT transmit continuously. 3. Use the following spectrum analyzer settings for 20dB Bandwidth measurement. Span = approximately 2 to 5 times the 20 dB bandwidth, centered on a hopping channel; 1%≤RBW ≤5% of the 20 dB bandwidth; VBW≥3RBW; Sweep = auto; Detector function = peak; Trace = max hold. 4. Measure and record the results in the test report.						
Limit:	NA						
Exploratory Test Mode:	Non-hopping transmitting with all kind of modulation and all kind of data type						
Final Test Mode:	Through Pre-scan, find the DH5 of data type is the worst case of GFSK modulation type, 2-DH5 of data type is the worst case of $\pi/4DQPSK$ modulation type, 3-DH5 of data type is the worst case of 8DPSK modulation type.						
Test Results:	Refer to Appendix Bluetooth Classic						
73.7900 FT							







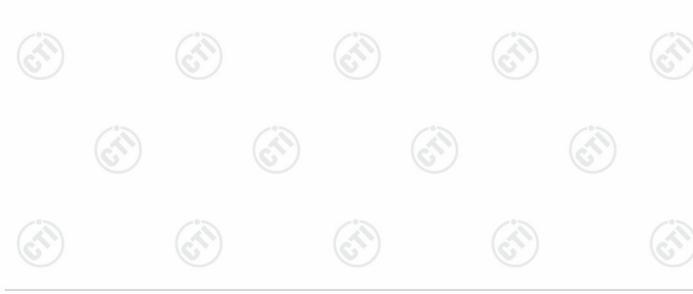
Test Requirement:	47 CFR Part 15C Section 15.247 (a)(1)						
Test Method:	ANSI C63.10:2013						
Test Setup:	Control Computer Power Supply Actenna Pools Attenuator Temperature Cabnet Table RF test System System Instrument						
	Remark: Offset=Cable loss+ attenuation factor.						
Test Procedure:	 The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. Enable the EUT hopping function. Use the following spectrum analyzer settings: Span = wide enough to capture the peaks of two adjacent channels; RBW is set to approximately 30% of the channel spacing, adjust as necessary to best identify the center of each individual channel; VBW≥RBW; Sweep = auto; Detector function = peak; Trace = max hold. Use the marker-delta function to determine the separation between the peaks of the adjacent channels. Record the value in report. 						
Limit:	Frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater.						
Exploratory Test Mode	Hopping transmitting with all kind of modulation and all kind of data type						
Final Test Mode:	Through Pre-scan, find the DH5 of data type is the worst case of GFSK modulation type, 2-DH5 of data type is the worst case of $\pi/4DQPSK$ modulation type, 3-DH5 of data type is the worst case of 8DPSK modulation type.						
Test Results:	Refer to Appendix Bluetooth Classic						



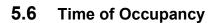




Test Requirement:	47 CFR Part 15C Section 15.247 (a)(1)					
Test Method:	ANSI C63.10:2013					
Test Setup:	Control Computer Control Power Supply Power Supply Table RF test System Attenuator Instrument					
	Remark: Offset=Cable loss+ attenuation factor.					
Test Procedure:	 The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. 					
	 3. Enable the EUT hopping function. 4. Use the following spectrum analyzer settings: Span = the frequency band of operation; set the RBW to less than 30% of the channel spacing or the 20 dB bandwidth, whichever is smaller; VBW≥RBW; Sweep= auto; Detector function = peak; Trace = max hold. 5. The number of hopping frequency used is defined as the number of total channel. 					
	6. Record the measurement data in report.					
Limit:	Frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels.					
Test Mode:	Hopping transmitting with all kind of modulation					
Test Results:	Refer to Appendix Bluetooth Classic					







Test Requirement:	47 CFR Part 15C Section 15.247 (a)(1)
Test Method:	ANSI C63.10:2013
Test Setup:	Control Control Control Power Supply Power Supply Table RF test System System Instrument Table
	Remark: Offset=Cable loss+ attenuation factor.
Test Procedure:	 The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. Enable the EUT hopping function. Use the following spectrum analyzer settings: Span = zero span, centered on a hopping channel; RBW shall be ≤ channel spacing and where possible RBW should be set >> 1 / T, where T is the expected dwell time per channel; VBW≥RBW; Sweep = as necessary to capture the entire dwell time per hopping channel; Detector function = peak; Trace = max hold. Measure and record the results in the test report.
Limit:	The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.
Test Mode:	Hopping transmitting with all kind of modulation and all kind of data type.
Test Results:	Refer to Appendix Bluetooth Classic









Test Requirement:	47 CFR Part 15C Section 15.247 (d)						
Test Method:	ANSI C63.10:2013						
Test Setup:	Control Control Power Power Poor Attenuator Temperature Cabnet Table RF test System Instrument						
	Remark: Offset=Cable loss+ attenuation factor.						
Test Procedure:	 Set to the maximum power setting and enable the EUT transmit continuously. Set RBW = 100 kHz, VBW = 300 kHz (≥RBW). Band edge emissions must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100kHz RBW. The attenuation shall be 30 dB instead of 20 dB when RMS conducted output power procedure is used. Enable hopping function of the EUT and then repeat step 2 and 3. Measure and record the results in the test report. 						
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum 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.						
Exploratory Test Mode	Hopping and Non-hopping transmitting with all kind of modulation and all kind of data type						
Final Test Mode:	Through Pre-scan, find the DH5 of data type is the worst case of GFSK modulation type, 2-DH5 of data type is the worst case of $\pi/4DQPSK$ modulation type, 3-DH5 of data type is the worst case of 8DPSK modulation type.						
Test Results:	Refer to Appendix Bluetooth Classic						







Test Requirement:	47 CFR Part 15C Section 15.247 (d)
Test Method:	ANSI C63.10:2013
Test Setup:	Control Control Control Power Power Power Power Table RF test System System Instrument
	Remark: Offset=Cable loss+ attenuation factor.
Test Procedure:	 The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. Set RBW = 100 kHz, VBW = 300kHz, scan up through 10th harmonic. All harmonics / spurs must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100kHz RBW. Measure and record the results in the test report. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum 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.
Exploratory Test Mode:	Non-hopping transmitting with all kind of modulation and all kind of data type
Final Test Mode:	Through Pre-scan, find the DH5 of data type is the worst case of GFSK modulation type, 2-DH5 of data type is the worst case of $\pi/4DQPSK$ modulation type, 3-DH5 of data type is the worst case of 8DPSK modulation
	type.





Test Requirement: 47 CFR Part 15C Section 15.247 (a)(1), (h) requirement:

The system shall hop to channel frequencies that are selected at the system hopping rate from a Pseudorandom ordered list of hopping frequencies. Each frequency must be used equally on the average by each transmitter. The system receivers shall have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shall shift frequencies in synchronization with the transmitted signals.

Frequency hopping spread spectrum systems are not required to employ all available hopping channels during each transmission. However, the system, consisting of both the transmitter and the receiver, must be designed to comply with all of the regulations in this section should the transmitter be presented with a continuous data (or information) stream. In addition, a system employing short transmission bursts must comply with the definition of a frequency hopping system and must distribute its transmissions over the minimum number of hopping channels specified in this section.

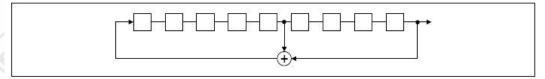
The incorporation of intelligence within a frequency hopping spread spectrum system that permits the system to recognize other users within the spectrum band so that it individually and independently chooses and adapts its hopsets to avoid hopping on occupied channels is permitted. The coordination of frequency hopping systems in any other manner for the express purpose of avoiding the simultaneous occupancy of individual hopping frequencies by multiple transmitters is not permitted.

Compliance for section 15.247(a)(1)

According to Bluetooth Core Specification, the pseudorandom sequence may be generated in a nine-stage shift register whose 5th and 9th stage

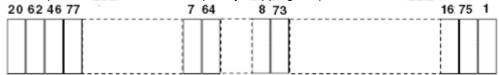
outputs are added in a modulo-two addition stage. And the result is fed back to the input of the first stage. The sequence begins with the first ONE of 9 consecutive ONEs; i.e. the shift register is initialized with nine ones.

- Number of shift register stages: 9
- Length of pseudo-random sequence: 29 -1 = 511 bits
- Longest sequence of zeros: 8 (non-inverted signal)



Linear Feedback Shift Register for Generation of the PRBS sequence

An example of Pseudorandom Frequency Hopping Sequence as follow:



Each frequency used equally on the average by each transmitter.

According to Bluetooth Core Specification, Bluetooth receivers are designed to have input and IF bandwidths that match the hopping channel bandwidths of any Bluetooth transmitters and shift frequencies in synchronization with the transmitted signals.

Compliance for section 15.247(g)

According to Bluetooth Core Specification, the Bluetooth system transmits the packet with the pseudorandom hopping frequency with a continuous data and the short burst transmission from the Bluetooth system is also transmitted under the frequency hopping system with the pseudorandom hopping frequency system.



Compliance for section 15.247(h)

According to Bluetooth Core specification, the Bluetooth system incorporates with an adaptive system to detect other user within the spectrum band so that it individually and independently to avoid hopping on the occupied channels.

According to the Bluetooth Core specification, the Bluetooth system is designed not have the ability to coordinated with other FHSS System in an effort to avoid the simultaneous occupancy of individual hopping frequencies by multiple transmitter.



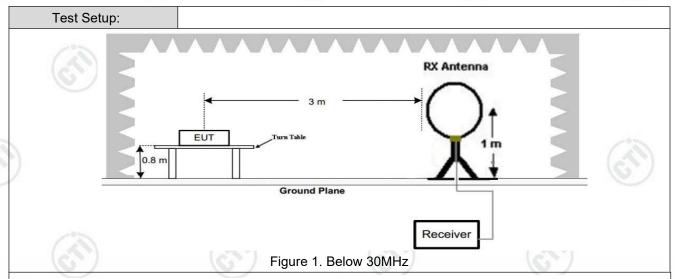


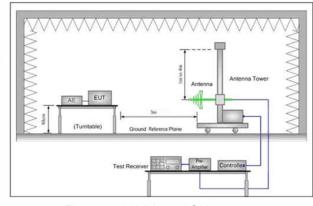


Test Requirement:	47 CFR Part 15C Section	on 15.209 and 15	.205	13								
Test Method:	ANSI C63.10: 2013	(3)		(6))							
Test Site:	Measurement Distance	Measurement Distance: 3m (Semi-Anechoic Chamber) Frequency Detector RBW VBW Rema										
Receiver Setup:	Frequency	Detector	RBW	VBW	Remark							
	0.009MHz-0.090MHz	z Peak	10kHz	30kHz	Peak							
	0.009MHz-0.090MHz	z Average	10kHz	30kHz	Average							
	0.090MHz-0.110MHz	z Quasi-peak	10kHz	30kHz	Quasi-peak							
	0.110MHz-0.490MHz	z Peak	10kHz	30kHz	Peak							
	0.110MHz-0.490MHz	z Average	10kHz	30kHz	Average							
	0.490MHz -30MHz	Quasi-peak	10kHz	30kHz	Quasi-peak							
	30MHz-1GHz	Peak	100 kH	z 300kHz	Peak							
	Al 4011-	Peak	1MHz	3MHz	Peak							
	Above 1GHz	Peak	1MHz	10kHz	Average							
Limit:	Frequency	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)							
	0.009MHz-0.490MHz	2400/F(kHz)	-	-	300							
	0.490MHz-1.705MHz	24000/F(kHz)	-	-	30							
	1.705MHz-30MHz	30	-	-/3	30							
	30MHz-88MHz	100	40.0	Quasi-peak	3							
	88MHz-216MHz	150	43.5	Quasi-peak	3							
	216MHz-960MHz	200	46.0	Quasi-peak	3							
	960MHz-1GHz	500	54.0	Quasi-peak	3							
	Above 1GHz	500	54.0	Average	3							
	Note: 15.35(b), Unless of emissions is 20dB applicable to the expeak emission lev	above the maxinequipment under t	num permi est. This p	tted average	emission limit							









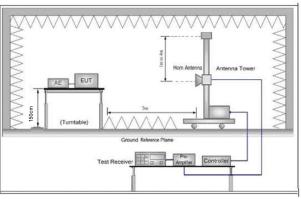


Figure 2. 30MHz to 1GHz

Figure 3. Above 1 GHz

Test Procedure:

- a. 1) Below 1G: The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation
 - 2) Above 1G: The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.

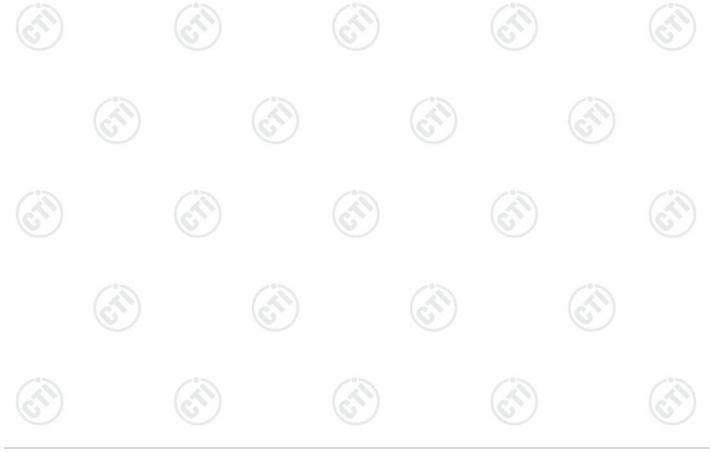
Note: For the radiated emission test above 1GHz:

Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.

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



	 d. 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. e. The test-receiver system was set to Peak Detect Function and Specified
	Bandwidth with Maximum Hold Mode. f. 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.
	 g. Test the EUT in the lowest channel (2402MHz),the middle channel (2441MHz),the Highest channel (2480MHz) h. 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. i. Repeat above procedures until all frequencies measured was complete.
Exploratory Test N	lode: Non-hopping transmitting mode with all kind of modulation and all kind of data type
Final Test Mode:	Through Pre-scan, find the DH5 of data type and GFSK modulation is the worst case. Pretest the EUT at Transmitting mode, For below 1GHz part, through pre-
	scan, the worst case is the lowest channel. Only the worst case is recorded in the report.
Test Results:	Pass

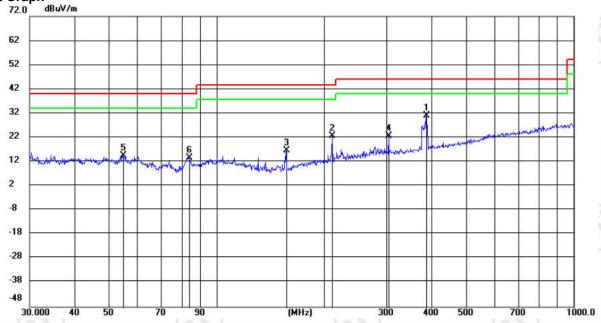




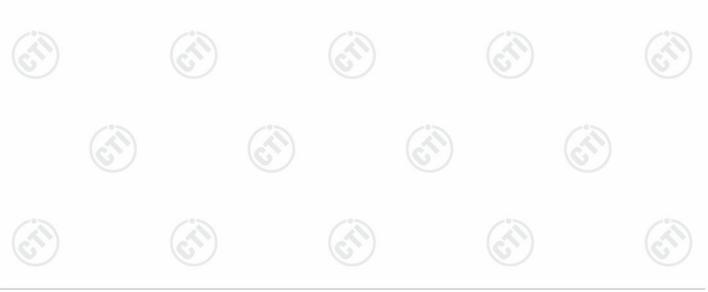
Radiated Spurious Emission below 1GHz:

During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes, only the worst case lowest channel of DH5 for GFSK left ear was recorded in the report.

Horizontal:

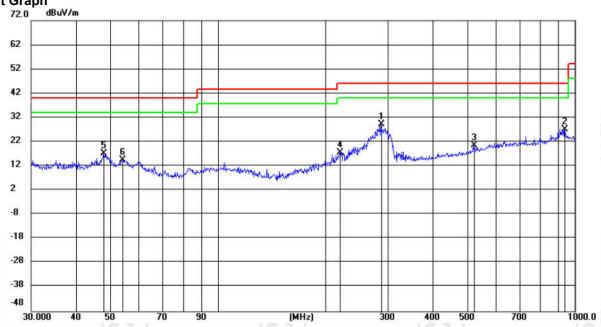


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	387.1765	13.14	17.80	30.94	46.00	-15.06	QP	199	352	
2		210.8600	9.76	12.79	22.55	43.50	-20.95	QP	199	352	
3		156.6224	7.07	9.67	16.74	43.50	-26.76	QP	100	150	
4		304.2363	6.36	16.23	22.59	46.00	-23.41	QP	100	222	
5		54.8252	1.34	13.25	14.59	40.00	-25.41	QP	199	352	
6		83.9479	3.65	10.15	13.80	40.00	-26.20	QP	199	196	

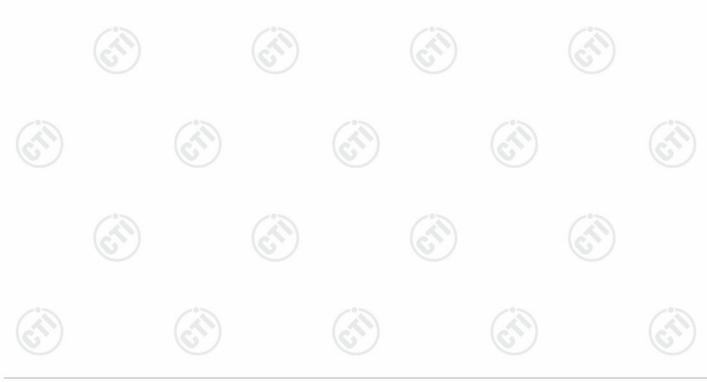




Vertical:



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	286.5799	15.40	13.76	29.16	46.00	-16.84	QP	200	17	
2		938.1744	4.40	22.79	27.19	46.00	-18.81	QP	100	290	
3		522.0768	2.54	17.89	20.43	46.00	-25.57	QP	100	92	
4		220.5784	6.11	11.58	17.69	46.00	-28.31	QP	100	9	
5		47.9100	4.23	13.04	17.27	40.00	-22.73	QP	100	206	
6		53.9574	1.72	12.72	14.44	40.00	-25.56	QP	100	352	





Radiated Spurious Emission above 1GHz:

Remark: Only the worst case left ear was recorded in the report.

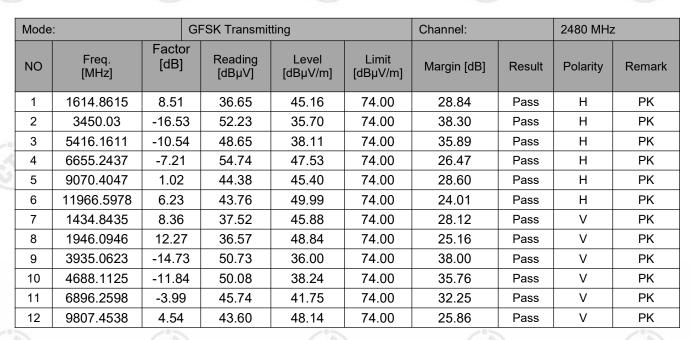
Mode:			GFSK Transmit	ting		Channel:		2402 MHz	
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	1357.6358	7.89	37.65	45.54	74.00	28.46	Pass	Н	PK
2	1993.8994	9.76	41.92	51.68	74.00	22.32	Pass	Н	PK
3	4108.0739	-13.55	50.72	37.17	74.00	36.83	Pass	Н	PK
4	5972.1981	-8.97	48.85	39.88	74.00	34.12	Pass	Н	PK
5	6666.2444	-6.81	52.39	45.58	74.00	28.42	Pass	Н	PK
6	10450.4967	6.09	43.35	49.44	74.00	24.56	Pass	Н	PK
7	1397.6398	8.40	36.79	45.19	74.00	28.81	Pass	V	PK
8	1663.0663	8.71	38.16	46.87	74.00	27.13	Pass	V	PK
9	4276.0851	-13.18	49.69	36.51	74.00	37.49	Pass	V	PK
10	6397.2265	-6.40	47.39	40.99	74.00	33.01	Pass	V	PK
11	9803.4536	4.59	43.75	48.34	74.00	25.66	Pass	V	PK
12	15249.8167	13.78	37.74	51.52	74.00	22.48	Pass	V	PK

Mode	:		GFSK Transmit	ting		Channel:		2441 MHz	
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	1684.4684	8.96	37.32	46.28	74.00	27.72	Pass	Н	PK
2	3434.0289	-16.81	53.20	36.39	74.00	37.61	Pass	Н	PK
3	5722.1815	-10.31	49.51	39.20	74.00	34.80	Pass	Н	PK
4	6662.2442	-6.95	54.18	47.23	74.00	26.77	Pass	Н	PK
5	8741.3828 0.21		45.30	45.51	74.00	28.49	Pass	Н	PK
6	11337.5558	5.99	44.40	50.39	74.00	23.61	Pass	Н	PK
7	1630.063	8.53	36.91	45.44	74.00	28.56	Pass	V	PK
8	3693.0462	-16.17	52.28	36.11	74.00	37.89	Pass	V	PK
9	5242.1495	-11.22	49.38	38.16	74.00	35.84	Pass	V	PK
10	6891.2594	-4.13	46.97	42.84	74.00	31.16	Pass	V	PK
11	9447.4298	3.48	43.19	46.67	74.00	27.33	Pass	V	PK
12	13854.7236	10.51	41.30	51.81	74.00	22.19	Pass	V	PK

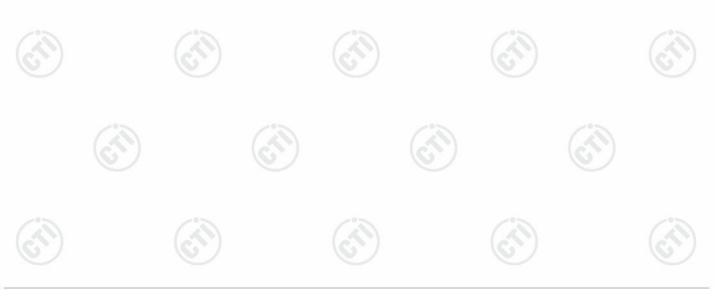


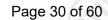






20.7									
Mode	:		π/4DQPSK Tra	nsmitting		Channel:		2402 MHz	<u>z</u>
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	1412.8413	8.40	37.42	45.82	74.00	28.18	Pass	Н	PK
2	1991.8992	9.88	40.63	50.51	74.00	23.49	Pass	Н	PK
3	4708.1139	-11.60	50.00	38.40	74.00	35.60	Pass	Н	PK
4	6386.2257	-6.88	47.08	40.20	74.00	33.80	Pass	Н	PK
5	7749.3166	-1.99	45.84	43.85	74.00	30.15	Pass	Н	PK
6	10459.4973	5.98	43.56	49.54	74.00	24.46	Pass	Н	PK
7	1440.444	8.34	38.09	46.43	74.00	27.57	Pass	V	PK
8	1947.4947	12.31	36.53	48.84	74.00	25.16	Pass	V	PK
9	3451.0301	-16.57	7 53.17	36.60	74.00	37.40	Pass	V	PK
10	6848.2566	-5.26	47.33	42.07	74.00	31.93	Pass	V	PK
11	10911.5274	6.97	43.46	50.43	74.00	23.57	Pass	V	PK
12	14252.7502	14.86	37.50	52.36	74.00	21.64	Pass	V	PK



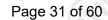




Mode	:		π/4DQPSK Tra	nsmitting		Channel:		2441 MHz	2441 MHz	
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark	
1	1577.4577	8.34	37.25	45.59	74.00	28.41	Pass	Н	PK	
2	4295.0863	-12.79	49.74	36.95	74.00	37.05	Pass	Н	PK	
3	5473.1649	-10.66	49.18	38.52	74.00	35.48	Pass	Н	PK	
4	6655.2437	-7.21	55.15	47.94	74.00	26.06	Pass	Н	PK	
5	9448.4299	3.55	42.84	46.39	74.00	27.61	Pass	Н	PK	
6	12998.6666	8.93	41.94	50.87	74.00	23.13	Pass	Н	PK	
7	1698.8699	9.14	36.62	45.76	74.00	28.24	Pass	V	PK	
8	4090.0727	-13.86	50.13	36.27	74.00	37.73	Pass	V	PK	
9	6427.2285	-7.13	47.86	40.73	74.00	33.27	Pass	V	PK	
10	7773.3182	-2.19	47.11	44.92	74.00	29.08	Pass	V	PK	
11	10839.5226	5.99	44.42	50.41	74.00	23.59	Pass	V	PK	
12	14247.7498	14.71	38.44	53.15	74.00	20.85	Pass	V	PK	

		/ 40	1		1	/ 4			
Mode	:		π/4DQPSK Tra	nsmitting		Channel:		2480 MHz	<u>z</u>
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	1622.6623	8.52	37.14	45.66	74.00	28.34	Pass	Н	PK
2	3804.0536	-15.50	51.62	36.12	74.00	37.88	Pass	Н	PK
3	5935.1957	-8.95	48.28	39.33	74.00	34.67	Pass	Н	PK
4	7954.3303	-0.45	44.40	43.95	74.00	30.05	Pass	Н	PK
5	10472.4982	5.82	43.10	48.92	74.00	25.08	Pass	Н	PK
6	14261.7508	14.05	38.38	52.43	74.00	21.57	Pass	Н	PK
7	1480.448	8.14	36.84	44.98	74.00	29.02	Pass	V	PK
8	3679.0453	-16.41	52.68	36.27	74.00	37.73	Pass	V	PK
9	5735.1823	-9.80	48.62	38.82	74.00	35.18	Pass	V	PK
10	7365.291	-3.74	46.41	42.67	74.00	31.33	Pass	V	PK
11	9833.4556	4.18	43.89	48.07	74.00	25.93	Pass	V	PK
12	14251.7501	14.95	37.79	52.74	74.00	21.26	Pass	V	PK

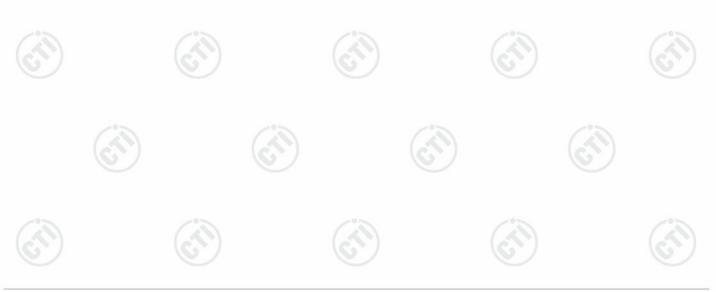






Mode	:		8DPSK Transm	itting		Channel:		2402 MHz	2
NO	Freq. [MHz]	Facto [dB]	r Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	1654.8655	8.62	37.29	45.91	74.00	28.09	Pass	Н	PK
2	4507.1005	-11.57	7 49.30	37.73	74.00	36.27	Pass	Н	PK
3	5380.1587	-10.33	3 48.26	37.93	74.00	36.07	Pass	Н	PK
4	7250.2834	-3.75	46.96	43.21	74.00	30.79	Pass	Н	PK
5	10310.4874	5.03	43.37	48.40	74.00	25.60	Pass	Н	PK
6	14257.7505	14.41	38.29	52.70	74.00	21.30	Pass	Н	PK
7	1693.6694	9.08	36.97	46.05	74.00	27.95	Pass	V	PK
8	4105.0737	-13.42	2 49.76	36.34	74.00	37.66	Pass	V	PK
9	5791.1861	-9.46	47.94	38.48	74.00	35.52	Pass	V	PK
10	7931.3288	-0.48	45.31	44.83	74.00	29.17	Pass	V	PK
11	10842.5228	6.00	43.47	49.47	74.00	24.53	Pass	V	PK
12	13442.6962	11.10	40.35	51.45	74.00	22.55	Pass	V	PK

Mode	:		8DPSK Transm	itting	`	Channel:		2441 MHz	2
NO	Freq. [MHz]	Facto [dB]	r Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	1455.6456	8.28	36.87	45.15	74.00	28.85	Pass	Н	PK
2	3793.0529	-15.48	51.99	36.51	74.00	37.49	Pass	Н	PK
3	5388.1592	-10.36	48.61	38.25	74.00	35.75	Pass	Н	PK
4	7180.2787	-4.58	49.68	45.10	74.00	28.90	Pass	Н	PK
5	9829.4553	4.24	43.74	47.98	74.00	26.02	Pass	Н	PK
6	15113.8076	12.31	38.79	51.10	74.00	22.90	Pass	Н	PK
7	1609.661	8.50	36.75	45.25	74.00	28.75	Pass	V	PK
8	3454.0303	-16.70	53.85	37.15	74.00	36.85	Pass	V	PK
9	4285.0857	-13.00	51.03	38.03	74.00	35.97	Pass	V	PK
10	5385.159	-10.34	48.97	38.63	74.00	35.37	Pass	V	PK
11	7842.3228	-1.49	45.30	43.81	74.00	30.19	Pass	V	PK
12	15248.8166	13.70	36.98	50.68	74.00	23.32	Pass	V	PK

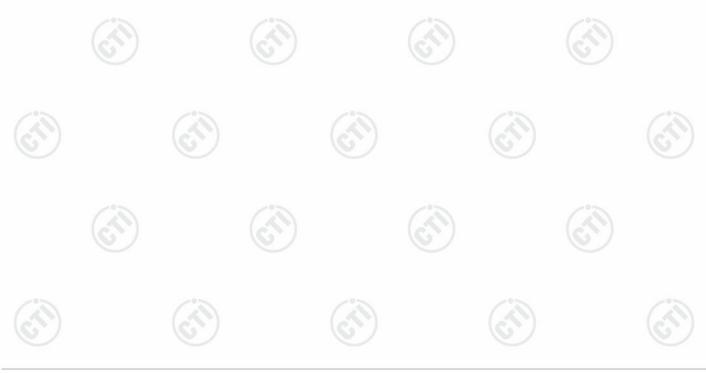




Mode	:		8DPSK Transn	nitting		Channel:		2480 MHz	2
NO	Freq. [MHz]	Facto [dB]	Daadina	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	1612.6613	8.51	37.28	45.79	74.00	28.21	Pass	Н	PK
2	3926.0617	-14.80	51.20	36.40	74.00	37.60	Pass	Н	PK
3	5213.1475	-11.12	2 48.20	37.08	74.00	36.92	Pass	Н	PK
4	7246.2831	-3.83	46.27	42.44	74.00	31.56	Pass	Н	PK
5	9136.4091	1.09	43.82	44.91	74.00	29.09	Pass	Н	PK
6	15242.8162	13.28	37.23	50.51	74.00	23.49	Pass	Н	PK
7	1455.8456	8.28	37.43	45.71	74.00	28.29	Pass	V	PK
8	1941.4941	12.13	36.57	48.70	74.00	25.30	Pass	V	PK
9	3795.053	-15.4°	1 51.50	36.09	74.00	37.91	Pass	V	PK
10	5997.1998	-9.50	50.22	40.72	74.00	33.28	Pass	V	PK
11	8546.3698	-0.26	44.42	44.16	74.00	29.84	Pass	V	PK
12	15108.8073	12.41	38.52	50.93	74.00	23.07	Pass	V	PK

Remark:

- 1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
 - Final Test Level =Receiver Reading + Antenna Factor + Cable Factor Preamplifier Factor
- 2) Scan from 9kHz to 25GHz, the disturbance above 10GHz and below 30MHz was very low. As shown in this section, 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. So, only the peak measurements were shown in the report.



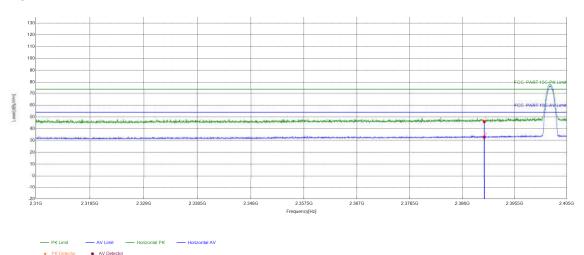




Test plot as follows:

left ear:

Test_Mode	GFSK Transmitting	Test_Frequency	2402MHz
Tset_Engineer	Aiden.wang	Test_Date	2024\08\21
Remark	1 (6)		



Suspecte	Suspected List										
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark		
1	2390	11.29	34.76	46.05	74.00	27.95	PASS	Horizontal	PK		
2	2390	11.29	21.59	32.88	54.00	21.12	PASS	Horizontal	AV		



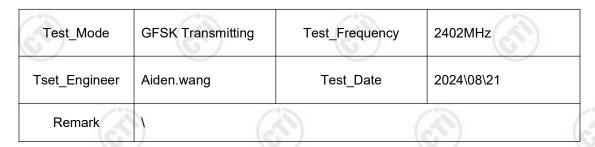


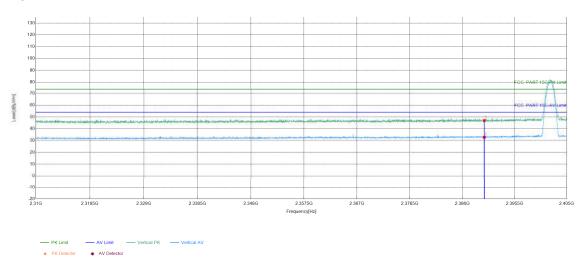








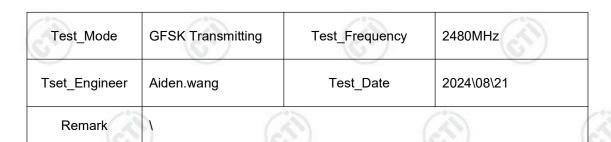


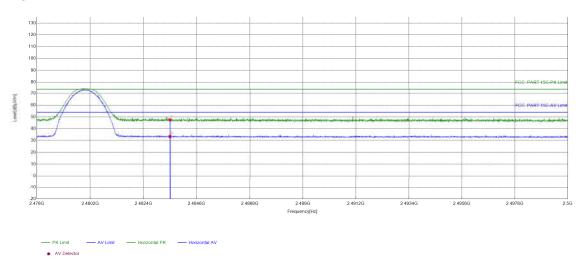


Suspected List										
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark	
1	2390	11.29	35.66	46.95	74.00	27.05	PASS	Vertical	PK	
2	2390	11.29	21.50	32.79	54.00	21.21	PASS	Vertical	AV	





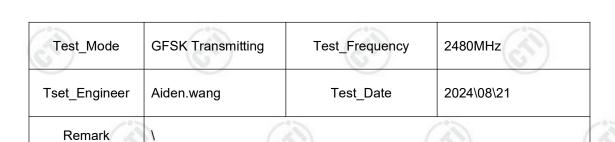


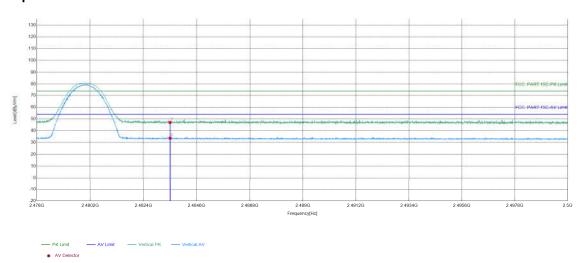


Suspected List										
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark	
1	2483.5	11.32	36.29	47.61	74.00	26.39	PASS	Horizontal	PK	
2	2483.5	11.32	22.12	33.44	54.00	20.56	PASS	Horizontal	AV	





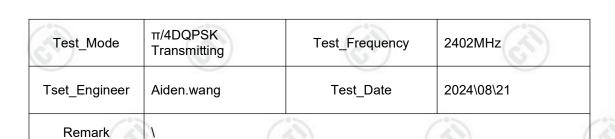


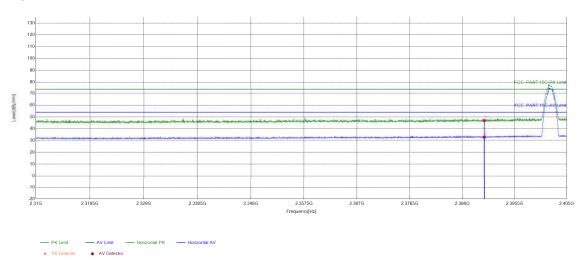


Suspecte	Suspected List										
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark		
1	2483.5	11.32	35.73	47.05	74.00	26.95	PASS	Vertical	PK		
2	2483.5	11.32	22.37	33.69	54.00	20.31	PASS	Vertical	AV		







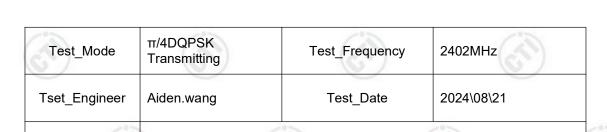


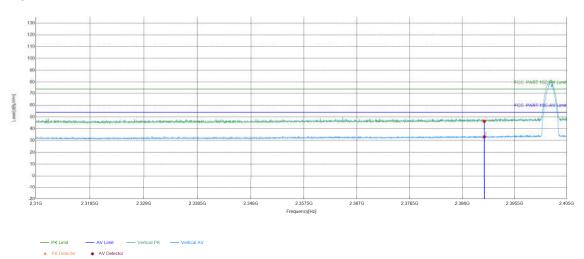
Suspecte	d List								
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	11.29	35.67	46.96	74.00	27.04	PASS	Horizontal	PK
2	2390	11.29	21.55	32.84	54.00	21.16	PASS	Horizontal	AV



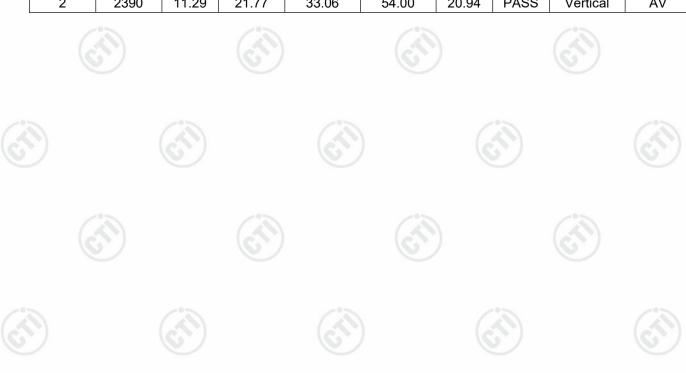


Remark

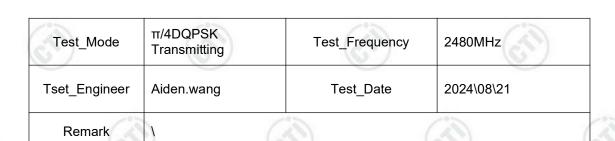


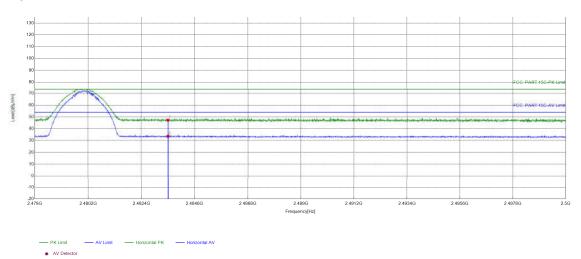


S	uspecte	d List								
	NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
	1	2390	11.29	35.04	46.33	74.00	27.67	PASS	Vertical	PK
	2	2390	11.29	21.77	33.06	54.00	20.94	PASS	Vertical	AV

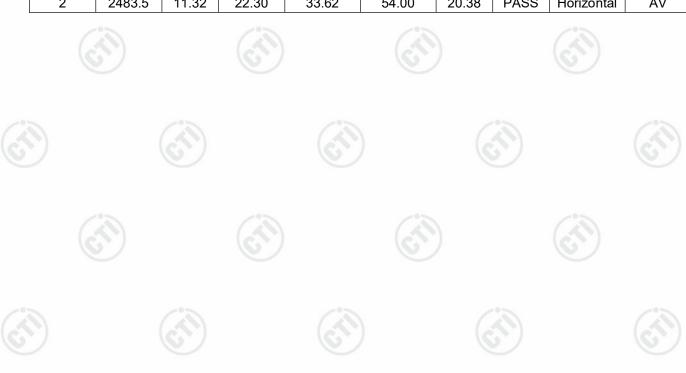




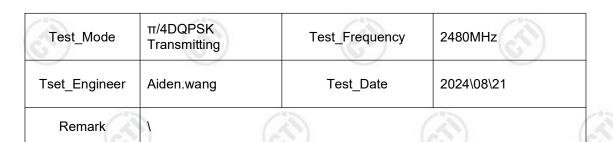


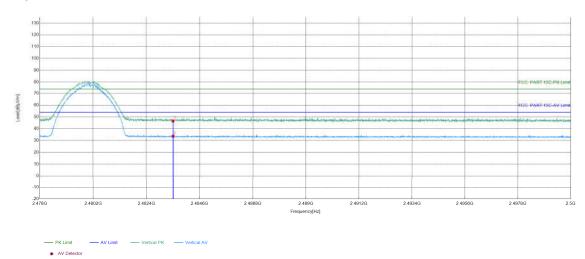


Suspecte	d List								
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	11.32	35.93	47.25	74.00	26.75	PASS	Horizontal	PK
2	2483.5	11.32	22.30	33.62	54.00	20.38	PASS	Horizontal	AV





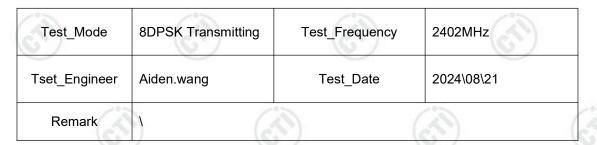


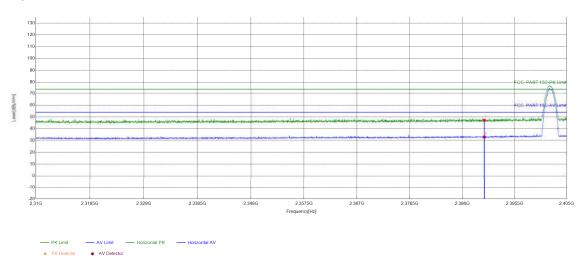


Suspecte	d List								
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	11.32	35.23	46.55	74.00	27.45	PASS	Vertical	PK
2	2483.5	11.32	22.34	33.66	54.00	20.34	PASS	Vertical	AV





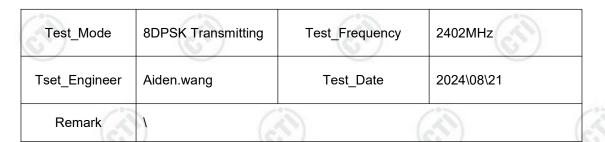


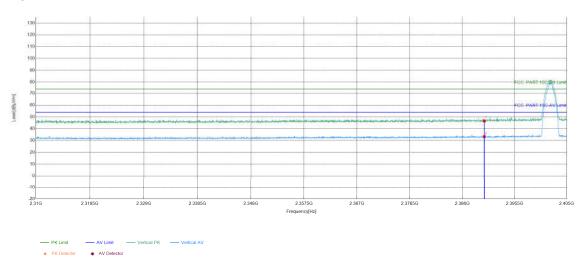


S	uspecte	d List								
	NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
	1	2390	11.29	35.96	47.25	74.00	26.75	PASS	Horizontal	PK
	2	2390	11.29	21.67	32.96	54.00	21.04	PASS	Horizontal	AV





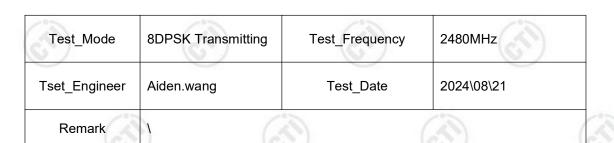


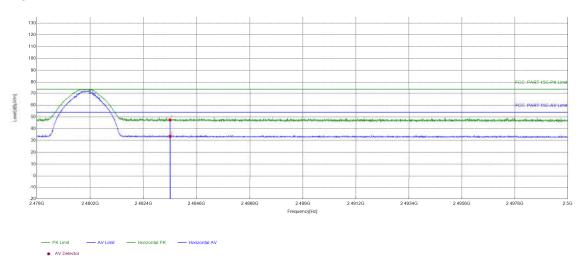


S	uspecte	d List								
	NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
	1	2390	11.29	35.29	46.58	74.00	27.42	PASS	Vertical	PK
	2	2390	11.29	22.00	33.29	54.00	20.71	PASS	Vertical	AV





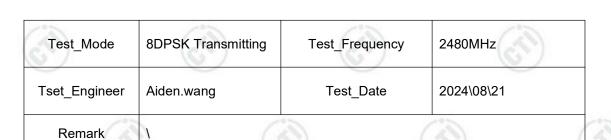


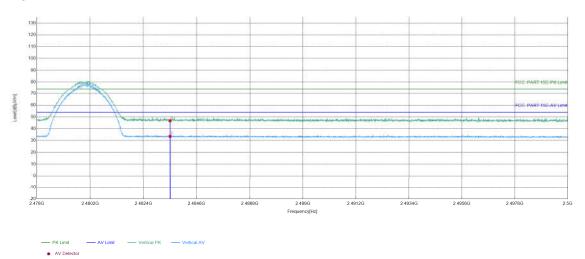


Suspecte	d List								
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	11.32	36.23	47.55	74.00	26.45	PASS	Horizontal	PK
2	2483.5	11.32	22.24	33.56	54.00	20.44	PASS	Horizontal	AV









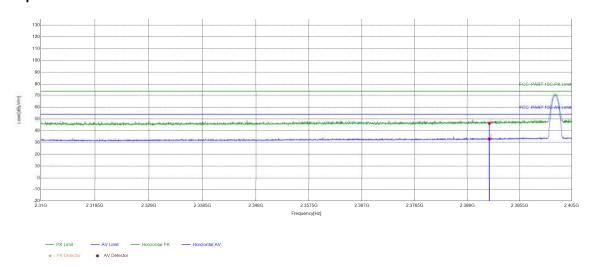
,	Suspecte	d List								
	NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
	1	2483.5	11.32	35.42	46.74	74.00	27.26	PASS	Vertical	PK
	2	2483.5	11.32	22.22	33.54	54.00	20.46	PASS	Vertical	AV







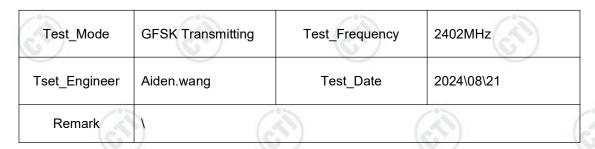
Test_Mode	GFSK Transmitting	Test_Frequency	2402MHz
Tset_Engineer	Aiden.wang	Test_Date	2024\08\21
Remark) (6	(0)	

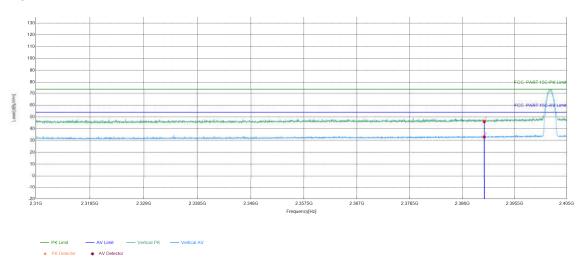


Suspecte	d List								
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	11.29	35.05	46.34	74.00	27.66	PASS	Horizontal	PK
2	2390	11.29	21.75	33.04	54.00	20.96	PASS	Horizontal	AV





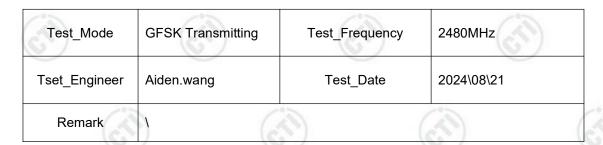


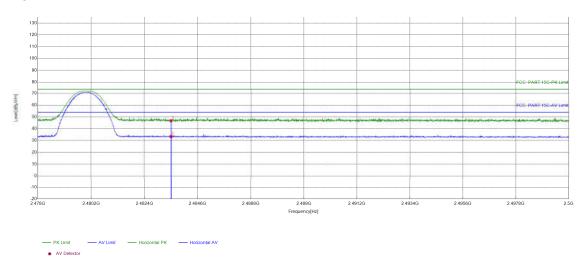


Su	specte	d List								
ı	NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
	1	2390	11.29	34.72	46.01	74.00	27.99	PASS	Vertical	PK
	2	2390	11.29	21.71	33.00	54.00	21.00	PASS	Vertical	AV





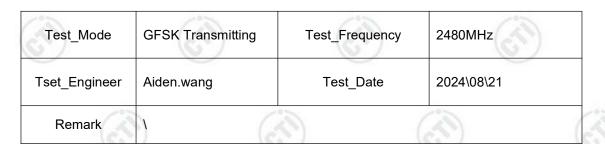


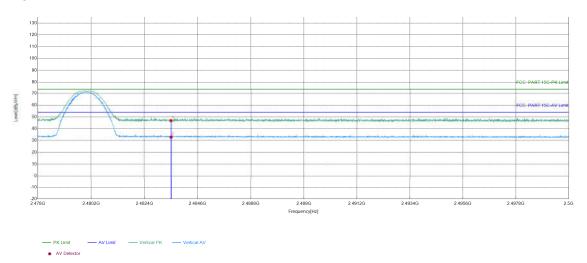


Suspecte	d List								
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	11.32	35.45	46.77	74.00	27.23	PASS	Horizontal	PK
2	2483.5	11.32	22.05	33.37	54.00	20.63	PASS	Horizontal	AV







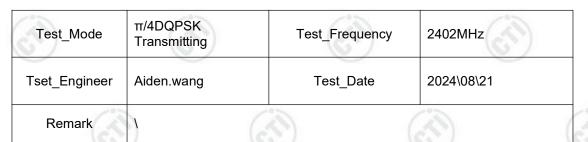


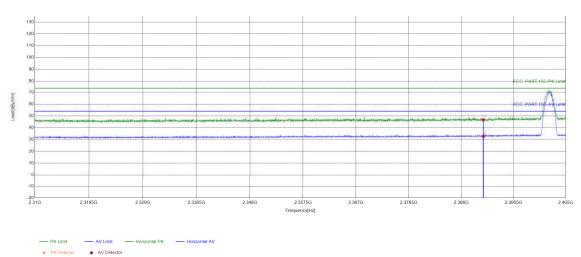
Suspecte	d List								
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	11.32	35.62	46.94	74.00	27.06	PASS	Vertical	PK
2	2483.5	11.32	21.55	32.87	54.00	21.13	PASS	Vertical	AV







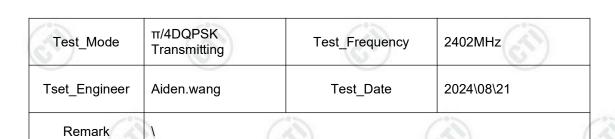


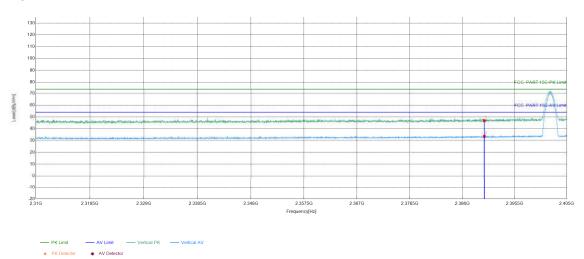


Suspecte	d List								
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	11.29	35.45	46.74	74.00	27.26	PASS	Horizontal	PK
2	2390	11.29	21.43	32.72	54.00	21.28	PASS	Horizontal	AV





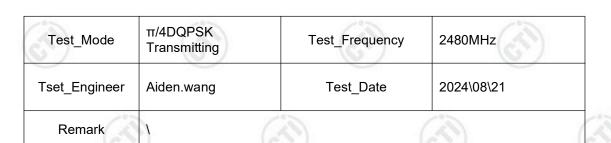


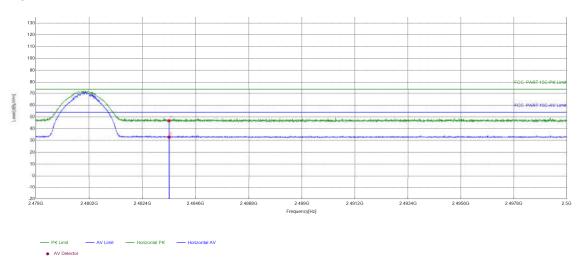


Suspecte	d List								
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	11.29	35.63	46.92	74.00	27.08	PASS	Vertical	PK
2	2390	11.29	22.25	33.54	54.00	20.46	PASS	Vertical	AV





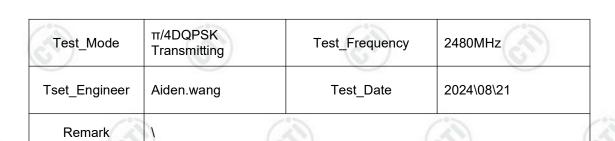


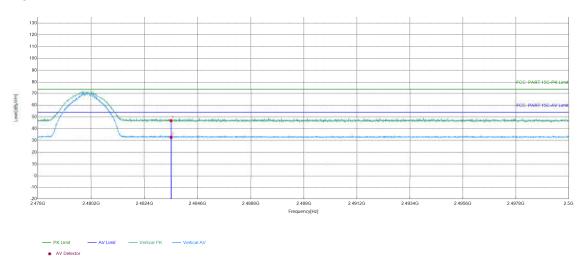


Suspecte	d List								
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	11.32	35.52	46.84	74.00	27.16	PASS	Horizontal	PK
2	2483.5	11.32	21.60	32.92	54.00	21.08	PASS	Horizontal	AV





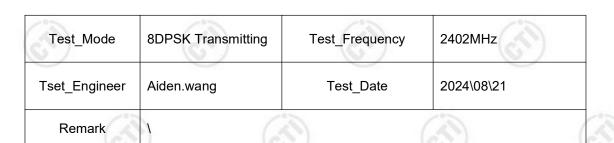


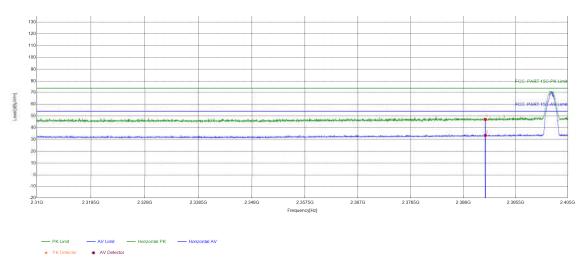


•	Suspecte	d List								
	NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
	1	2483.5	11.32	35.56	46.88	74.00	27.12	PASS	Vertical	PK
	2	2483.5	11.32	21.46	32.78	54.00	21.22	PASS	Vertical	AV





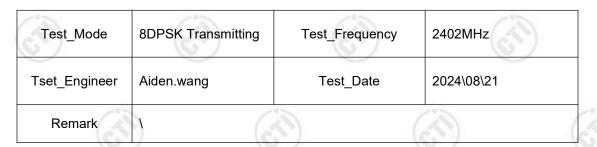


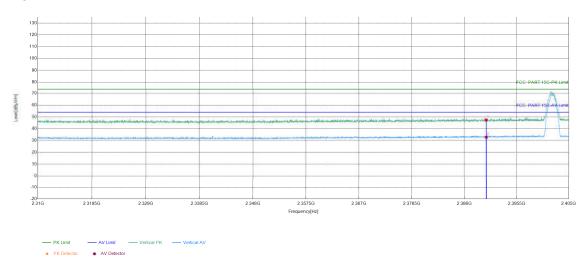


Suspecte	d List								
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	11.29	35.82	47.11	74.00	26.89	PASS	Horizontal	PK
2	2390	11.29	22.20	33.49	54.00	20.51	PASS	Horizontal	AV





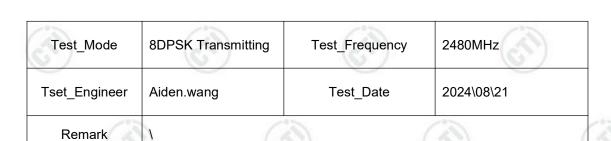


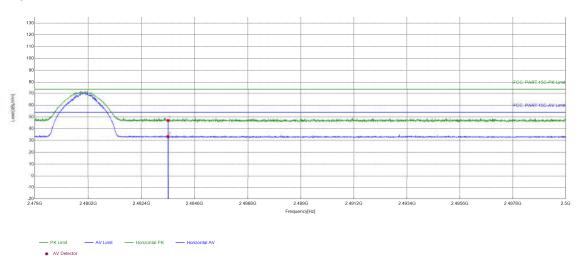


Susp	ecte	d List								
NC)	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1		2390	11.29	36.16	47.45	74.00	26.55	PASS	Vertical	PK
2		2390	11.29	21.46	32.75	54.00	21.25	PASS	Vertical	AV





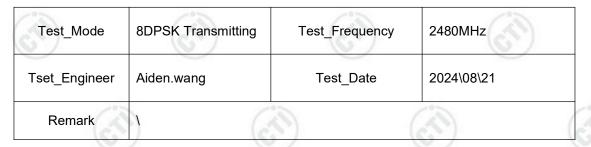


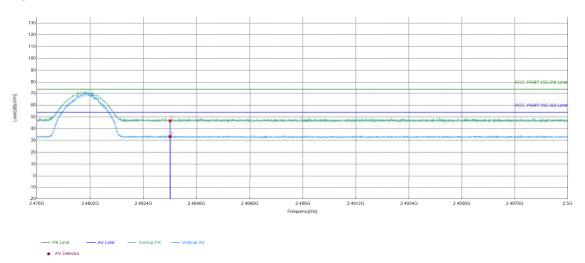


Suspecte	d List								
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	11.32	35.76	47.08	74.00	26.92	PASS	Horizontal	PK
2	2483.5	11.32	21.96	33.28	54.00	20.72	PASS	Horizontal	AV









Suspecte	d List								
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	11.32	35.36	46.68	74.00	27.32	PASS	Vertical	PK
2	2483.5	11.32	22.00	33.32	54.00	20.68	PASS	Vertical	AV

Note:

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

Final Test Level =Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor - Antenna Factor - Cable Factor









Refer to Appendix: Bluetooth Classic of EED32Q81209202































































































Refer to Report No.EED32Q81209201 for EUT external and internal photos.

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