

TEST REPORT

Product : Remote control car toys
Trade mark : N/A
Model/Type reference : 811S, 812S, 813S, 815S, 816S,
817S, 818S, 819S, 911S, 912S,
913S, 915S, 916S, 917S, 918S,
919S
Serial Number : N/A
Report Number : EED32S80080101
FCC ID : 2BVQC911S-20260422
Date of Issue : Apr. 23, 2026
Test Standards : 47 CFR Part 15 Subpart C
Test result : PASS

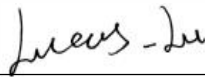
Prepared for:

Shantou Dingqi Intelligent Manufacturing Technology Co., Ltd.
9th Floor, No. 1, Lane 5, West of Taian Road, Shangdai, Chenghua Sub-
district, Chenghai District, Shantou City

Prepared by:

Centre Testing International Group Co., Ltd.
Hongwei Industrial Park, Zone 70, Bao'an District,
Shenzhen, Guangdong, China
TEL: +86-755-3368 3668
FAX: +86-755-3368 3385

Compiled by:



Lucas Lu

Reviewed by:



Keven Tan

Approved by:



Aaron Ma

Date:

Apr. 23, 2026



Check No.: 6754130126

1 Content

1 CONTENT	2
2 TEST SUMMARY	3
3 GENERAL INFORMATION	4
3.1 CLIENT INFORMATION	4
3.2 GENERAL DESCRIPTION OF EUT	4
3.3 TEST CONFIGURATION	6
3.4 TEST ENVIRONMENT	7
3.5 DESCRIPTION OF SUPPORT UNITS	7
3.6 TEST LOCATION	7
3.7 MEASUREMENT UNCERTAINTY (95% CONFIDENCE LEVELS, K=2)	7
4 EQUIPMENT LIST	8
5 TEST RESULTS AND MEASUREMENT DATA	12
5.1 ANTENNA REQUIREMENT	12
5.2 MAXIMUM CONDUCTED OUTPUT POWER	13
5.3 DTS BANDWIDTH	14
5.4 MAXIMUM POWER SPECTRAL DENSITY	15
5.5 BAND EDGE MEASUREMENTS AND CONDUCTED SPURIOUS EMISSION	16
5.6 RADIATED SPURIOUS EMISSION & RESTRICTED BANDS	17
6 APPENDIX A	38
7 PHOTOGRAPHS	39

2 Test Summary

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
DTS Bandwidth	47 CFR Part 15 Subpart C Section 15.247 (a)(2)	PASS
Maximum Conducted Output Power	47 CFR Part 15 Subpart C Section 15.247 (b)(3)	PASS
Maximum Power Spectral Density	47 CFR Part 15 Subpart C Section 15.247 (e)	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 Emission & Restricted bands	47 CFR Part 15 Subpart C Section 15.205/15.209	PASS

Remark:

N/A: The product is powered by batteries.

Model No.: 811S, 812S, 813S, 815S, 816S, 817S, 818S, 819S, 911S, 912S, 913S, 915S, 916S, 917S, 918S, 919S

Only the model 811S was tested, they have have same electrical, PCB and layout, only the model name, xx and xxx are different for marketing requirements.

3 General Information

3.1 Client Information

Applicant:	Shantou Dingqi Intelligent Manufacturing Technology Co., Ltd.
Address of Applicant:	9th Floor, No. 1, Lane 5, West of Taian Road, Shangdai, Chenghua Sub-district, Chenghai District, Shantou City
Manufacturer:	Shantou Dingqi Intelligent Manufacturing Technology Co., Ltd.
Address of Manufacturer:	9th Floor, No. 1, Lane 5, West of Tai'an Road, Shangdai, Chenghua Sub-district, Chenghai District, Shantou City

3.2 General Description of EUT

Product Name:	Remote control car toys		
Model No.:	811S, 812S, 813S, 815S, 816S, 817S, 818S, 819S, 911S, 912S, 913S, 915S, 916S, 917S, 918S, 919S		
Test Model No.:	811S		
Trade mark:	N/A		
Product Type:	☒ Mobile ☐ Portable ☐ Fix Location		
Operation Frequency:	2407MHz~2476MHz		
Modulation Type:	GFSK		
Number of Channel:	36		
Antenna Type:	segment antenna		
Antenna Gain:	0.59dBi		
Power Supply:	Battery:	DC 3.7V	
Test Voltage:	DC 3.7V		
Sample Received Date:	Jan. 13, 2026		
Sample tested Date:	Jan. 13, 2026 to Jan. 20, 2026		

Operation Frequency each of channel					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2407	16	2436	31	2467
2	2408	17	2438	32	2468
3	2411	18	2440	33	2471
4	2412	19	2444	34	2473
5	2415	20	2445	35	2475
6	2416	21	2446	36	2476
7	2419	22	2448		
8	2420	23	2451		
9	2423	24	2452		
10	2424	25	2455		
11	2427	26	2456		
12	2428	27	2459		
13	2431	28	2460		
14	2432	29	2463		
15	2435	30	2464		

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(MHz)
The lowest channel (CH1)	2407
The middle channel (CH19)	2444
The highest channel (CH36)	2476

3.3 Test Configuration

EUT Test Software Settings:			
Test Software:		N/A	
EUT Power Grade:		Default (Power level is built-in set parameters and cannot be changed and selected)	
Use test software to set the lowest frequency, the middle frequency and the highest frequency keep transmitting of the EUT.			
Test Mode	Modulation	Channel	Frequency(MHz)
Mode a	GFSK	CH1	2407
Mode b	GFSK	CH19	2444
Mode c	GFSK	CH36	2476

3.4 Test Environment

Operating Environment:	
Radiated Spurious Emissions:	
Temperature:	22~25.0 °C
Humidity:	50~55 % RH
Atmospheric Pressure:	1010mbar
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

3.5 Description of Support Units

The EUT has been tested independently.

3.6 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd
Hongwei Industrial Park, Zone 70, Bao'an District, Shenzhen, Guangdong, China
Telephone: +86 (0) 755 33683668 Fax: +86 (0) 755 33683385

No tests were sub-contracted.

FCC Designation No.: CN1164, Test Firm Registration No.: 260439

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

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

4 Equipment List

RF test system					
Equipment	Manufacturer	Mode No.	Serial Number	Cal. Date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)
Communication test set	R&S	CMW500	107929	06-16-2025	06-15-2026
Signal Generator	R&S	SMBV100A	262454	08-11-2025	08-10-2026
Spectrum Analyzer	R&S	FSV40	101200	08-11-2025	08-10-2026
RF control unit(power unit)	MWRF-test	MW100-RFCB	MW220620CTI-42	06-16-2025	06-15-2026
high-low temperature test chamber	Dong Guang Qin Zhuo	LK-80GA	QZ20150611879	11-13-2025	11-12-2026
Temperature/Humidity Indicator	biaozhi	HM10	1804186	05-26-2025	05-15-2026
BT&Wi-Fi Automatic test software	MWRF-test	MTS 8310	2.0.0.0	---	---
Digital multimeter	FLUKE	17B MAX	59545050WS	10-15-2025	10-14-2026

3M full-anechoic Chamber					
Equipment	Manufacturer	Model No.	Serial Number	Cal. Date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)
Fully Anechoic Chamber	TDK	FAC-3	---	01-29-2024	01-28-2027
Receiver	Keysight	N9038A	MY57290136	12-22-2025	12-21-2026
Spectrum Analyzer	Keysight	N9020B	MY57111112	12-21-2025	12-20-2026
Spectrum Analyzer	Keysight	N9030B	MY57140871	12-21-2025	12-20-2026
TRILOG Broadband Antenna	Schwarzbeck	VULB 9163	9163-1148	04-12-2025	04-11-2026
Horn Antenna	Schwarzbeck	BBHA 9170	9170-832	04-12-2025	04-11-2026
Horn Antenna	ETS-LINDGREN	3117	57407	06-29-2025	06-28-2026
Preamplifier	EMCI	EMC001330	980563	03-03-2025	03-02-2026
Preamplifier	EMCI	EMC051845SE	980380	11-25-2025	11-24-2026
Preamplifier	Tonscend	TAP-011858	AP21B806112	07-07-2025	07-06-2026
Communication test set	R&S	CMW500	104466	11-25-2025	11-24-2026
Temperature/ Humidity Indicator	biaozhi	GM1360	EE1186631	03-31-2025	03-30-2026
RSE Automatic test software	JS Tonscend	JS36-RSE	V5.0.0.1	---	---
Cable line	Times	SFT205-NMSM-2.50M	394812-0001	---	---
Cable line	Times	SFT205-NMSM-2.50M	394812-0002	---	---
Cable line	Times	SFT205-NMSM-2.50M	394812-0003	---	---
Cable line	Times	SFT205-NMSM-2.50M	393495-0001	---	---
Cable line	Times	EMC104-NMNM-1000	SN160710	---	---
Cable line	Times	SFT205-NMSM-3.00M	394813-0001	---	---
Cable line	Times	SFT205-NMNM-1.50M	381964-0001	---	---
Cable line	Times	SFT205-NMSM-7.00M	394815-0001	---	---
Cable line	Times	HF160-KMKM-3.00M	393493-0001	---	---

Conducted disturbance Test					
Equipment	Manufacturer	Model No.	Serial Number	Cal. date	Cal. Due date
				(mm-dd-yyyy)	(mm-dd-yyyy)
Receiver	R&S	ESCI	100435	04-08-2025	04-07-2026
Temperature/ Humidity Indicator	Defu	TH128	/	03-31-2025	03-30-2026
LISN	R&S	ENV216	100098	09-13-2025	09-12-2026
Barometer	changchun	DYM3	1188	---	---
Test software	Fara	EZ-EMC	EMC-CON 3A1.1	---	---
Capacitive voltage probe	Schwarzbeck	CVP 9222C	00124	06-07-2025	06-06-2026
ISN	TESEQ	ISN T800	30297	11-24-2025	11-23-2026

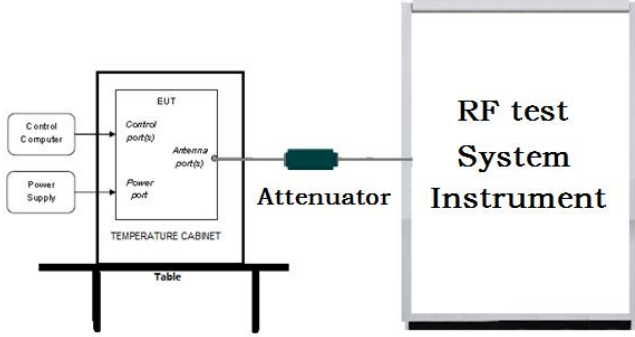
3M Semi-anechoic Chamber (2)- Radiated disturbance Test					
Equipment	Manufacturer	Model No.	Serial Number	Cal. date	Cal. Due date
				(mm-dd-yyyy)	(mm-dd-yyyy)
3M Chamber & Accessory Equipment	TDK	SAC-3	---	01/13/2024	01/12/2027
Receiver	R&S	ESC17	100938-003	09/03/2025	09/02/2026
TRILOG Broadband Antenna	schwarzbeck	VULB 9163	9163-618	05/14/2025	05/13/2026
Loop Antenna	Schwarzbeck	FMZB 1519B	1519B-076	04/07/2025	04/06/2026
Microwave Preamplifier	Tonscend	EMC051845SE	980380	11/25/2025	11/24/2026
Horn Antenna	A.H.SYSTEMS	SAS-574	374	07/02/2023	07/01/2026
Horn Antenna	ETS-LINGREN	BBHA 9120D	9120D-1869	04/07/2025	04/06/2026
Preamplifier	Agilent	11909A	12-1	03/03/2025	03/02/2026
Preamplifier	CD	PAP-1840-60	6041.6042	05/26/2025	05/25/2026
Test software	Fara	EZ-EMC	EMEC-3A1-Pre	---	---
Cable line	Fulai(7M)	SF106	5219/6A	01/13/2024	01/12/2027
Cable line	Fulai(6M)	SF106	5220/6A	01/13/2024	01/12/2027
Cable line	Fulai(3M)	SF106	5216/6A	01/13/2024	01/12/2027
Cable line	Fulai(3M)	SF106	5217/6A	01/13/2024	01/12/2027

5 Test results and Measurement Data

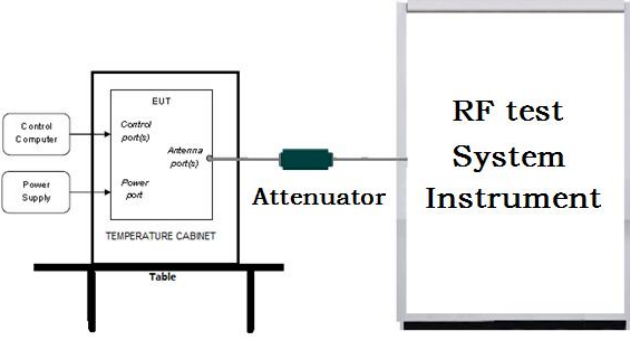
5.1 Antenna Requirement

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
The antenna is segment antenna. The best case gain of the antenna is 0.59dBi.	

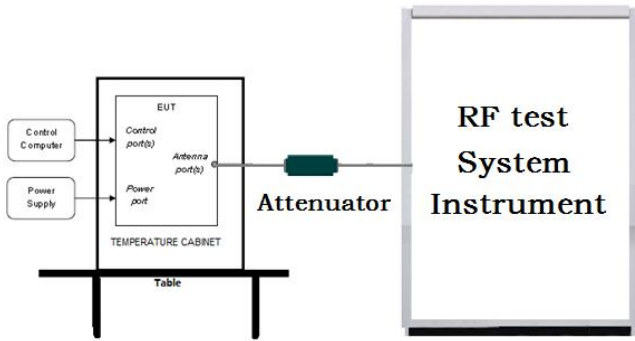
5.2 Maximum Conducted Output Power

Test Requirement:	47 CFR Part 15C Section 15.247 (b)(3)
Test Method:	ANSI C63.10-2020
Test Setup:	 Remark: Offset=Cable loss+ attenuation factor.
Test Procedure:	a) Set the RBW $\geq$ DTS bandwidth. b) Set VBW $\geq 3 \times$ RBW. c) Set span $\geq 3 \times$ RBW d) Sweep time = auto couple. e) Detector = peak. f) Trace mode = max hold. g) Allow trace to fully stabilize. h) Use peak marker function to determine the peak amplitude level.
Limit:	30dBm
Test Mode:	Refer to clause 3.3
Test Results:	Refer to Appendix A

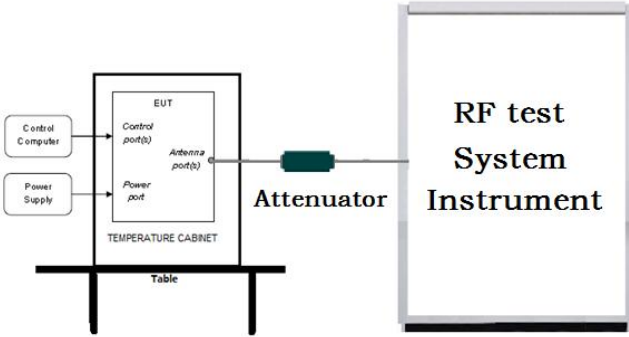
5.3 DTS Bandwidth

Test Requirement:	47 CFR Part 15C Section 15.247 (a)(2)
Test Method:	ANSI C63.10-2020
Test Setup:	 Remark: Offset=Cable loss+ attenuation factor.
Test Procedure:	a) Set RBW = 100 kHz. b) Set the VBW $\geq [3 \times \text{RBW}]$. c) Detector = peak. d) Trace mode = max hold. e) Sweep = auto couple. f) Allow the trace to stabilize. g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.
Limit:	$\geq 500 \text{ kHz}$
Test Mode:	Refer to clause 3.3
Test Results:	Refer to Appendix A

5.4 Maximum Power Spectral Density

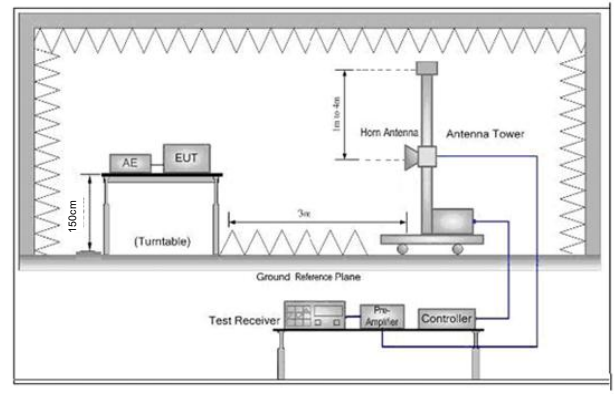
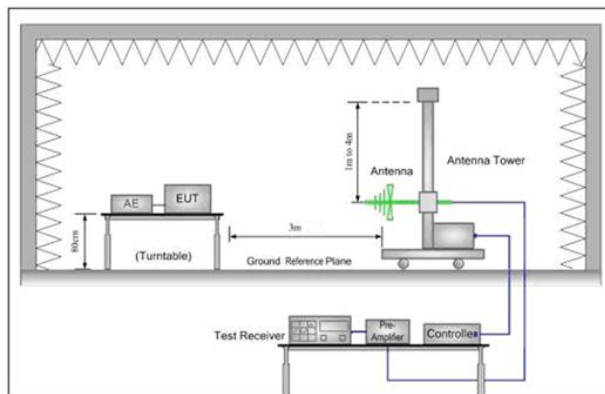
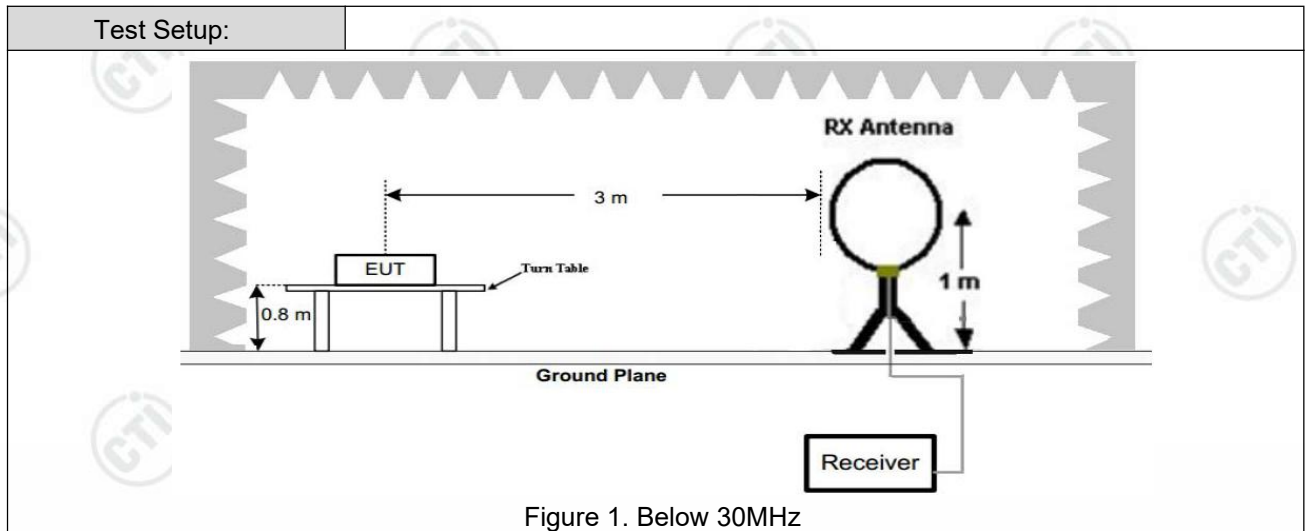
Test Requirement:	47 CFR Part 15C Section 15.247 (e)
Test Method:	ANSI C63.10-2020
Test Setup:	 Remark: Offset=Cable loss+ attenuation factor.
Test Procedure:	a) Set analyzer center frequency to DTS channel center frequency. b) Set the span to 1.5 times the DTS bandwidth. c) Set the RBW to $3\text{ kHz} \leq \text{RBW} \leq 100\text{ kHz}$. d) Set the VBW $\geq [3 \times \text{RBW}]$. e) Detector = peak. f) Sweep time = auto couple. g) Trace mode = max hold. h) Allow trace to fully stabilize. i) Use the peak marker function to determine the maximum amplitude level within the RBW. j) If measured value exceeds requirement, then reduce RBW (but no less than 3 kHz) and repeat.
Limit:	$\leq 8.00\text{dBm}/3\text{kHz}$
Test Mode:	Refer to clause 3.3
Test Results:	Refer to Appendix A

5.5 Band Edge measurements and Conducted Spurious Emission

Test Requirement:	47 CFR Part 15C Section 15.247 (d)
Test Method:	ANSI C63.10-2020
Test Setup:	 Remark: Offset=Cable loss+ attenuation factor.
Test Procedure:	a) Set RBW =100KHz. b) Set VBW = 300KHz. c) Sweep time = auto couple. d) Detector = peak. e) Trace mode = max hold. f) Allow trace to fully stabilize. g) Use peak marker function to determine the peak amplitude level.
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.
Test Mode:	Refer to clause 3.3
Test Results:	Refer to Appendix A

5.6 Radiated Spurious Emission & Restricted bands

Test Requirement:	47 CFR Part 15C Section 15.209 and 15.205				
Test Method:	ANSI C63.10-2020				
Test Site:	Measurement Distance: 3m (Semi-Anechoic Chamber)				
Receiver Setup:	Frequency	Detector	RBW	VBW	Remark
	0.009MHz-0.090MHz	Peak	10kHz	30kHz	Peak
	0.009MHz-0.090MHz	Average	10kHz	30kHz	Average
	0.090MHz-0.110MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	0.110MHz-0.490MHz	Peak	10kHz	30kHz	Peak
	0.110MHz-0.490MHz	Average	10kHz	30kHz	Average
	0.490MHz -30MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	30MHz-1GHz	Quasi-peak	100 kHz	300kHz	Quasi-peak
	Above 1GHz	Peak	1MHz	3MHz	Peak
		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	-	-	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 otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.					



Test Procedure:

- 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 chamber. 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 chamber. 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.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
 - 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 (2440MHz),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.
Test Mode:	Refer to clause 3.3
Test Results:	Pass

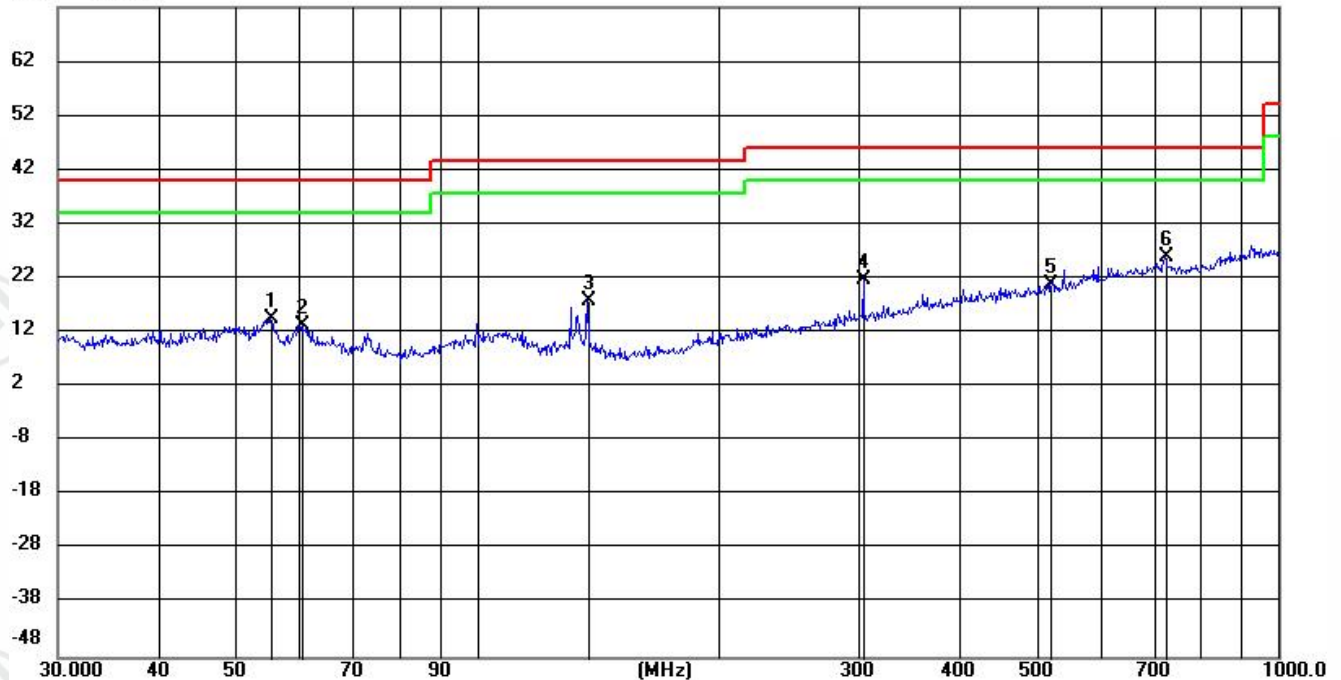
Radiated Spurious Emission below 1GHz:

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

Test Graph

Horizontal:

72.0 dBuV/m



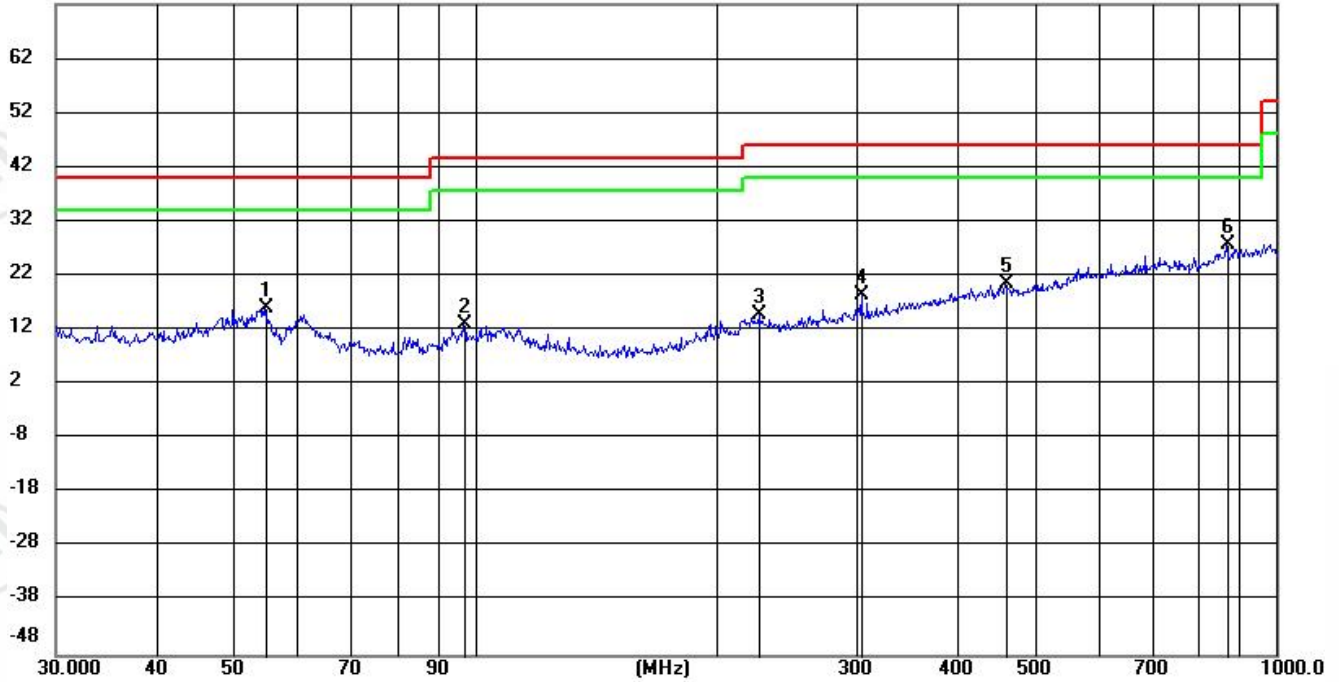
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		55.2885	0.52	14.05	14.57	40.00	-25.43	QP	100	70
2		60.5873	-0.11	13.36	13.25	40.00	-26.75	QP	100	237
3		137.4443	7.50	10.47	17.97	43.50	-25.53	QP	100	95
4		304.1830	5.36	16.46	21.82	46.00	-24.18	QP	100	254
5		519.3380	-0.14	21.00	20.86	46.00	-25.14	QP	100	328
6	*	723.7533	1.72	24.22	25.94	46.00	-20.06	QP	100	229

Remark:

1. Margin=Measurement(Level)-Limit.
2. Measurement(Level)=Reading Level+Correct Factor.
3. In the test results, an asterisk (*) indicates Maximum Data, a cross (X) indicates over Limit, an exclamation mark (!) indicates over -6dB margin Limit.

Vertical:

72.0 dBuV/m



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	
1		54.6429	1.88	14.12	16.00	40.00	-24.00	QP	100	360
2		96.9107	0.11	12.90	13.01	43.50	-30.49	QP	100	14
3		226.3374	1.35	13.49	14.84	46.00	-31.16	QP	100	308
4		304.1830	1.87	16.46	18.33	46.00	-27.67	QP	100	360
5		459.6782	0.40	20.26	20.66	46.00	-25.34	QP	100	191
6	*	868.3686	1.57	26.21	27.78	46.00	-18.22	QP	100	5

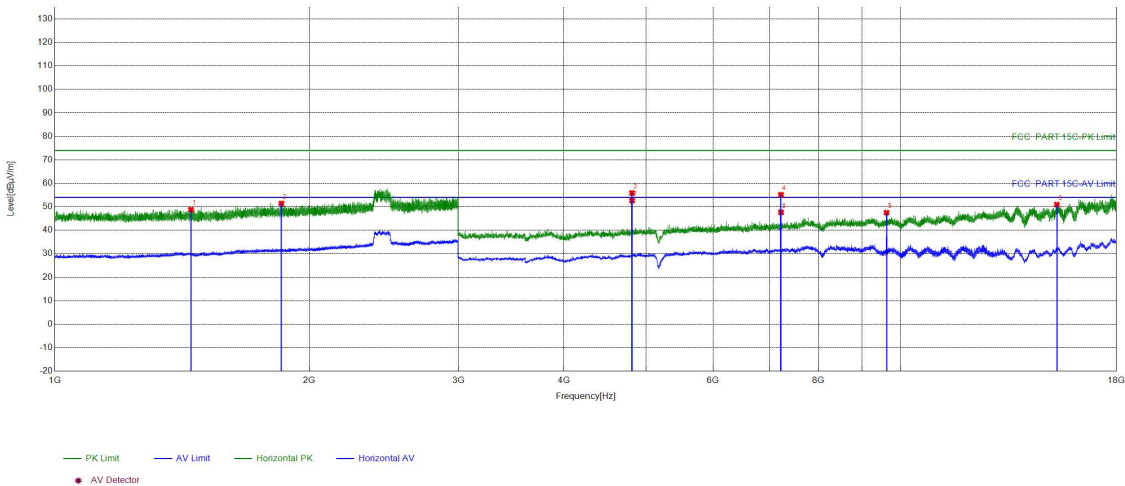
Remark:

1. $\text{Margin} = \text{Measurement}(\text{Level}) - \text{Limit}$.
2. $\text{Measurement}(\text{Level}) = \text{Reading Level} + \text{Correct Factor}$.
3. In the test results, an asterisk (*) indicates Maximum Data, a cross (X) indicates over Limit, an exclamation mark (!) indicates over -6dB margin Limit.

Radiated Spurious Emission above 1GHz:

Test_Mode	GFSK	Test_Frequency	2407Mhz
Remark	/	Test_Date	2026/1/16
Remark	20°C52%/		

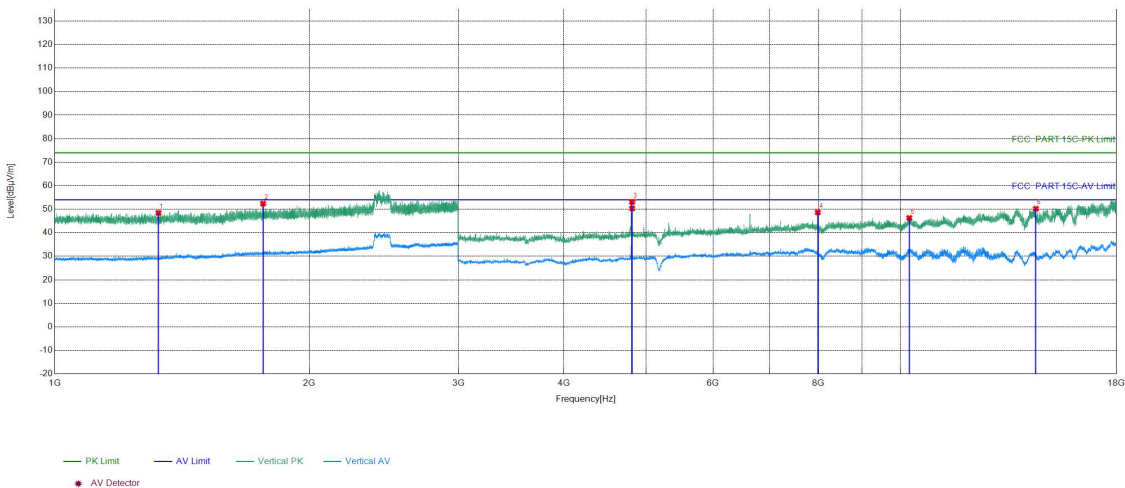
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1448.8299	13.08	35.74	48.82	74.00	25.18	PASS	Horizontal	PK
2	1853.1235	14.47	36.95	51.42	74.00	22.58	PASS	Horizontal	PK
3	4814.1209	-8.57	64.47	55.90	74.00	18.10	PASS	Horizontal	PK
4	7221.2814	-3.22	58.37	55.15	74.00	18.85	PASS	Horizontal	PK
5	9626.4418	1.30	46.21	47.51	74.00	26.49	PASS	Horizontal	PK
6	15305.8204	10.58	40.36	50.94	74.00	23.06	PASS	Horizontal	PK
7	4815.121	-8.56	61.19	52.63	54.00	1.37	PASS	Horizontal	AV
8	7222.2815	-3.21	50.86	47.65	54.00	6.35	PASS	Horizontal	AV

Test_Mode	GFSK	Test_Frequency	2407Mhz
Remark	/	Test_Date	2026/1/16
Remark	20°C52%/		

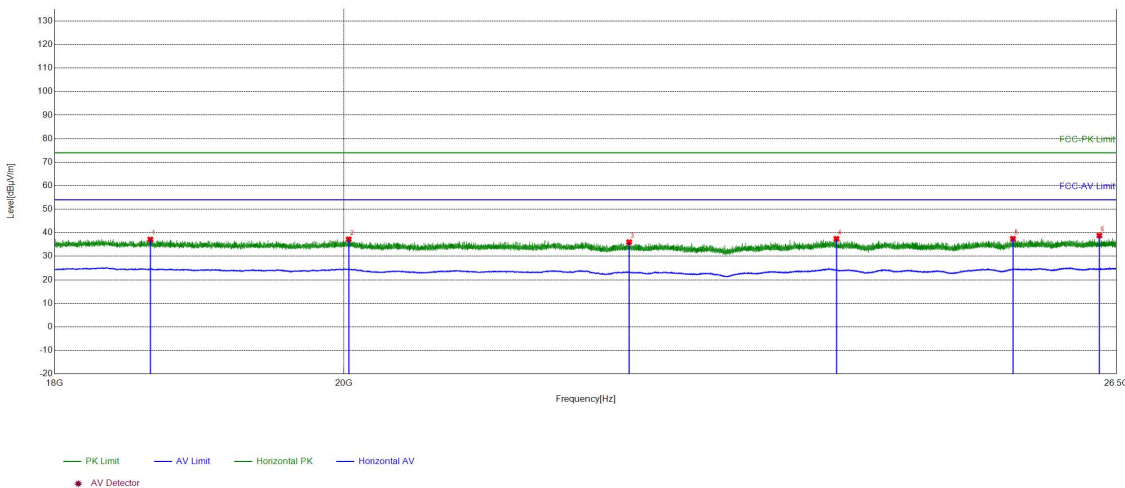
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1326.0217	12.27	36.20	48.47	74.00	25.53	PASS	Vertical	PK
2	1763.1175	14.28	38.11	52.39	74.00	21.61	PASS	Vertical	PK
3	4814.1209	-8.57	61.67	53.10	74.00	20.90	PASS	Vertical	PK
4	7983.3322	-1.38	50.02	48.64	74.00	25.36	PASS	Vertical	PK
5	10241.4828	1.90	44.39	46.29	74.00	27.71	PASS	Vertical	PK
6	14453.7636	9.91	40.32	50.23	74.00	23.77	PASS	Vertical	PK
7	4815.121	-8.56	58.90	50.34	54.00	3.66	PASS	Vertical	AV

Test_Mode	GFSK	Test_Frequency	2407Mhz
Remark	/	Test_Date	2026/1/16
Remark	20°C52%/		

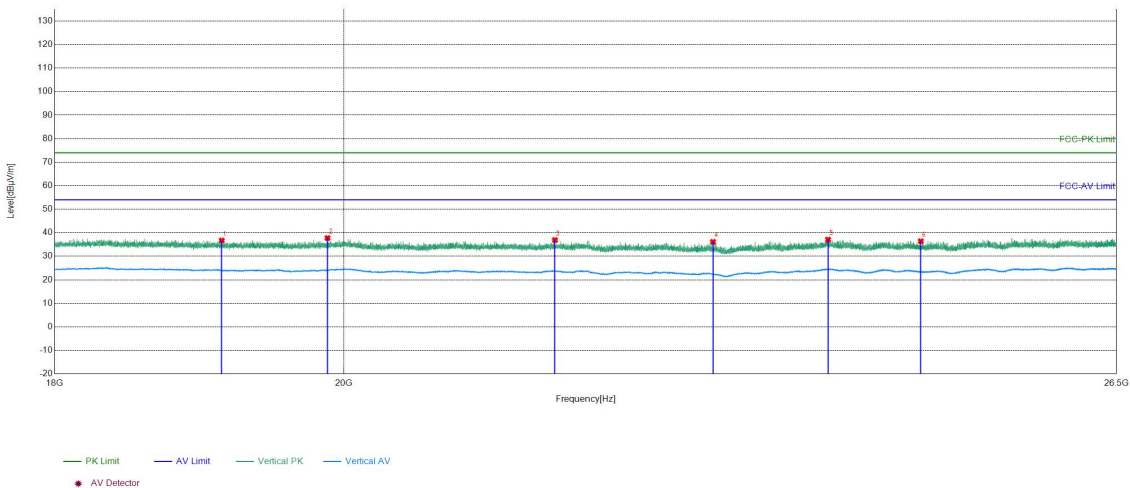
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	18637.5255	-26.61	63.75	37.14	74.00	36.86	PASS	Horizontal	PK
2	20034.3014	-24.77	62.02	37.25	74.00	36.75	PASS	Horizontal	PK
3	22188.9676	-25.43	61.44	36.01	74.00	37.99	PASS	Horizontal	PK
4	23930.1772	-22.08	59.52	37.44	74.00	36.56	PASS	Horizontal	PK
5	25519.4008	-21.01	58.47	37.46	74.00	36.54	PASS	Horizontal	PK
6	26335.7734	-21.23	60.04	38.81	74.00	35.19	PASS	Horizontal	PK

Test_Mode	GFSK	Test_Frequency	2407Mhz
Remark	/	Test_Date	2026/1/16
Remark	20°C52%/		

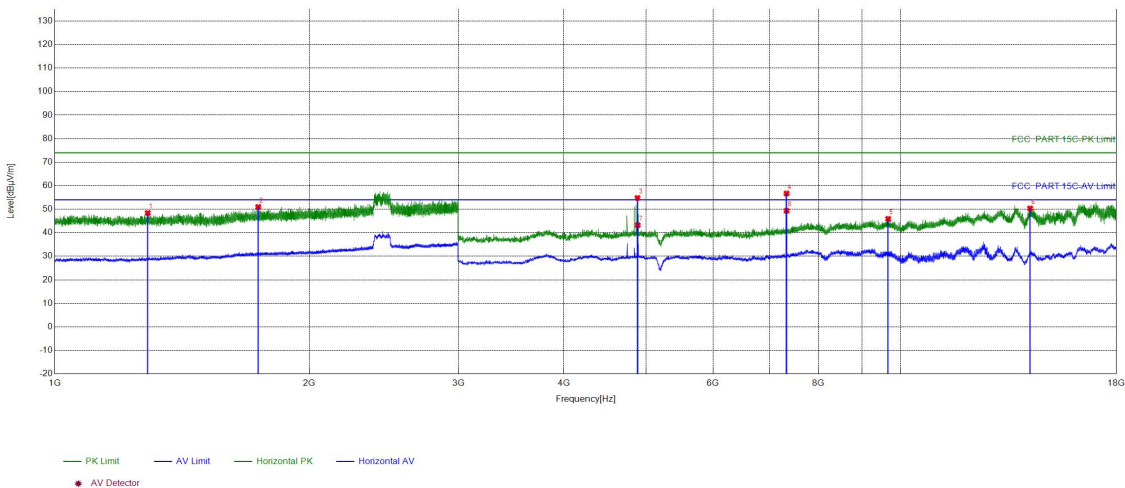
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19128.8452	-26.13	62.84	36.71	74.00	37.29	PASS	Vertical	PK
2	19880.2752	-24.98	62.73	37.75	74.00	36.25	PASS	Vertical	PK
3	21597.6839	-25.74	62.64	36.90	74.00	37.10	PASS	Vertical	PK
4	22877.8351	-25.29	61.42	36.13	74.00	37.87	PASS	Vertical	PK
5	23857.0743	-22.22	59.29	37.07	74.00	36.93	PASS	Vertical	PK
6	24677.1871	-21.91	58.31	36.40	74.00	37.60	PASS	Vertical	PK

Test_Mode	GFSK	Test_Frequency	2444Mhz
Remark	/	Test_Date	2026/1/16
Remark	20°C52%/		

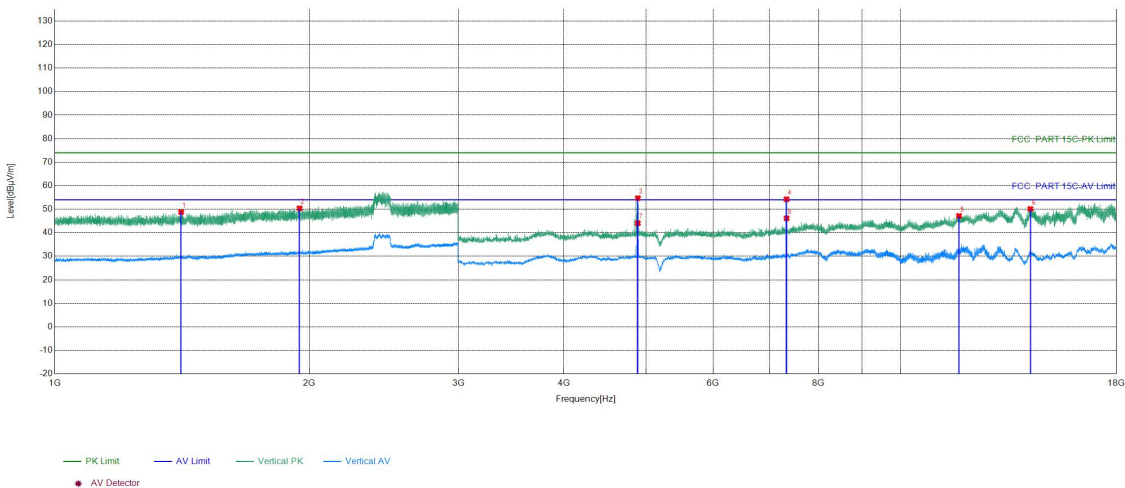
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1288.1525	11.95	36.45	48.40	74.00	25.60	PASS	Horizontal	PK
2	1740.1827	14.13	36.83	50.96	74.00	23.04	PASS	Horizontal	PK
3	4887.1258	-8.33	63.12	54.79	74.00	19.21	PASS	Horizontal	PK
4	7332.2888	-2.86	59.57	56.71	74.00	17.29	PASS	Horizontal	PK
5	9669.4446	1.22	44.71	45.93	74.00	28.07	PASS	Horizontal	PK
6	14233.7489	8.73	41.63	50.36	74.00	23.64	PASS	Horizontal	PK
7	4889.1259	-8.33	51.55	43.22	54.00	10.78	PASS	Horizontal	AV
8	7333.2889	-2.86	52.21	49.35	54.00	4.65	PASS	Horizontal	AV

Test_Mode	GFSK	Test_Frequency	2444Mhz
Remark	/	Test_Date	2026/1/16
Remark	20°C52%/		

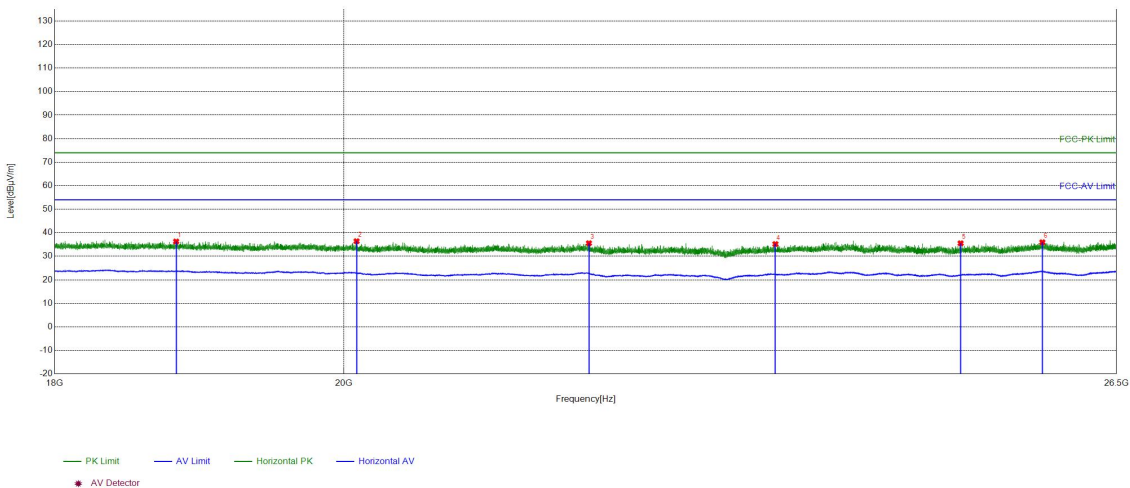
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1410.5607	12.92	35.87	48.79	74.00	25.21	PASS	Vertical	PK
2	1947.1298	14.81	35.60	50.41	74.00	23.59	PASS	Vertical	PK
3	4891.1261	-8.32	63.03	54.71	74.00	19.29	PASS	Vertical	PK
4	7332.2888	-2.86	57.11	54.25	74.00	19.75	PASS	Vertical	PK
5	11726.5818	2.54	44.62	47.16	74.00	26.84	PASS	Vertical	PK
6	14241.7494	8.83	41.28	50.11	74.00	23.89	PASS	Vertical	PK
7	4889.1259	-8.33	52.39	44.06	54.00	9.94	PASS	Vertical	AV
8	7333.2889	-2.86	49.01	46.15	54.00	7.85	PASS	Vertical	AV

Test_Mode	GFSK	Test_Frequency	2444Mhz
Remark	/	Test_Date	2026/1/19
Remark	20°C52%/		

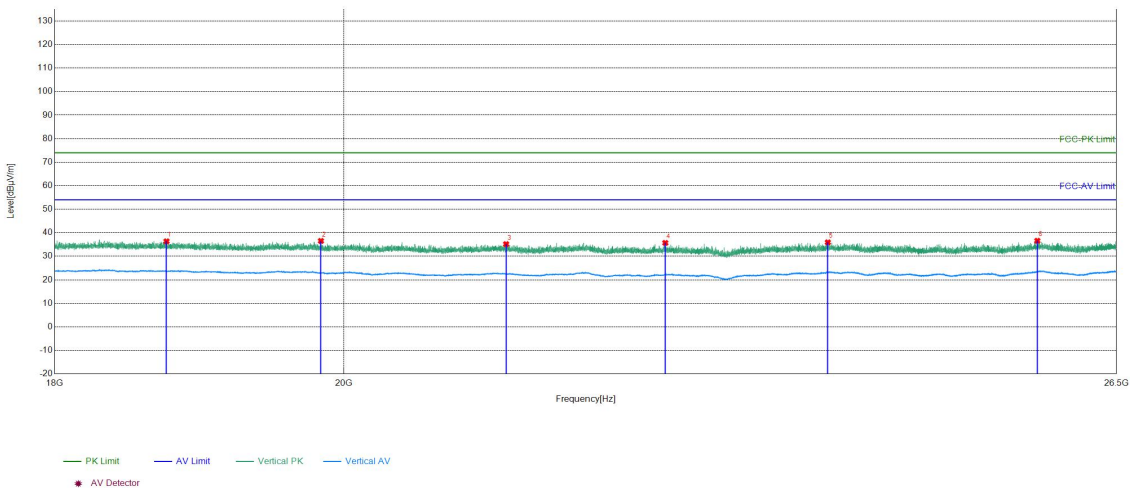
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	18813.6525	-26.29	62.58	36.29	74.00	37.71	PASS	Horizontal	PK
2	20091.7637	-25.03	61.43	36.40	74.00	37.60	PASS	Horizontal	PK
3	21866.6347	-25.63	61.18	35.55	74.00	38.45	PASS	Horizontal	PK
4	23404.1762	-23.55	58.74	35.19	74.00	38.81	PASS	Horizontal	PK
5	25037.6015	-21.93	57.45	35.52	74.00	38.48	PASS	Horizontal	PK
6	25794.4718	-20.82	56.77	35.95	74.00	38.05	PASS	Horizontal	PK

Test_Mode	GFSK	Test_Frequency	2444Mhz
Remark	/	Test_Date	2026/1/19
Remark	20°C52%/		

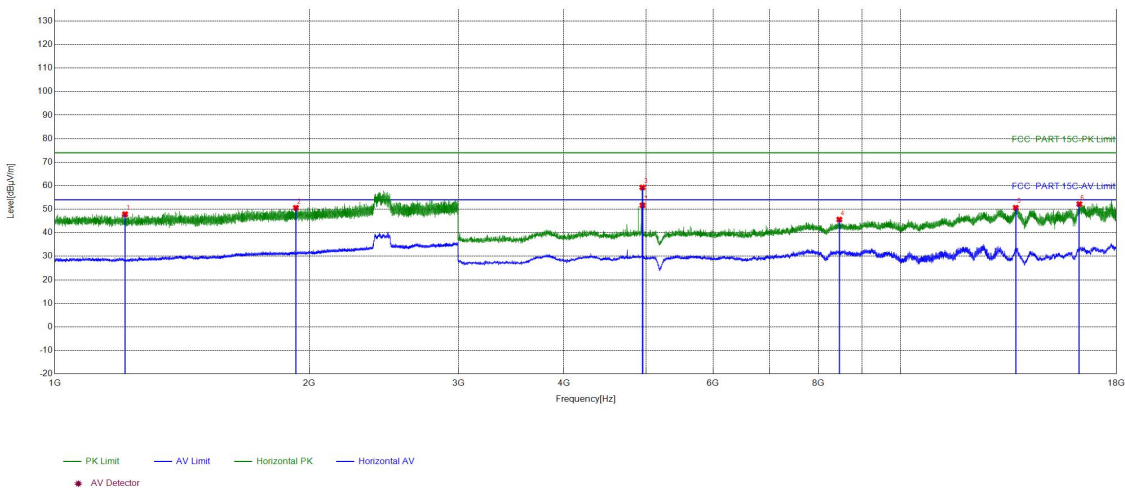
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	18747.6899	-26.39	62.74	36.35	74.00	37.65	PASS	Vertical	PK
2	19832.6733	-25.13	61.66	36.53	74.00	37.47	PASS	Vertical	PK
3	21216.8687	-25.76	60.92	35.16	74.00	38.84	PASS	Vertical	PK
4	22483.7594	-25.06	60.74	35.68	74.00	38.32	PASS	Vertical	PK
5	23855.3742	-22.22	58.13	35.91	74.00	38.09	PASS	Vertical	PK
6	25747.5499	-20.79	57.38	36.59	74.00	37.41	PASS	Vertical	PK

Test_Mode	GFSK	Test_Frequency	2476Mhz
Remark	/	Test_Date	2026/1/19
Remark	20°C52%/		

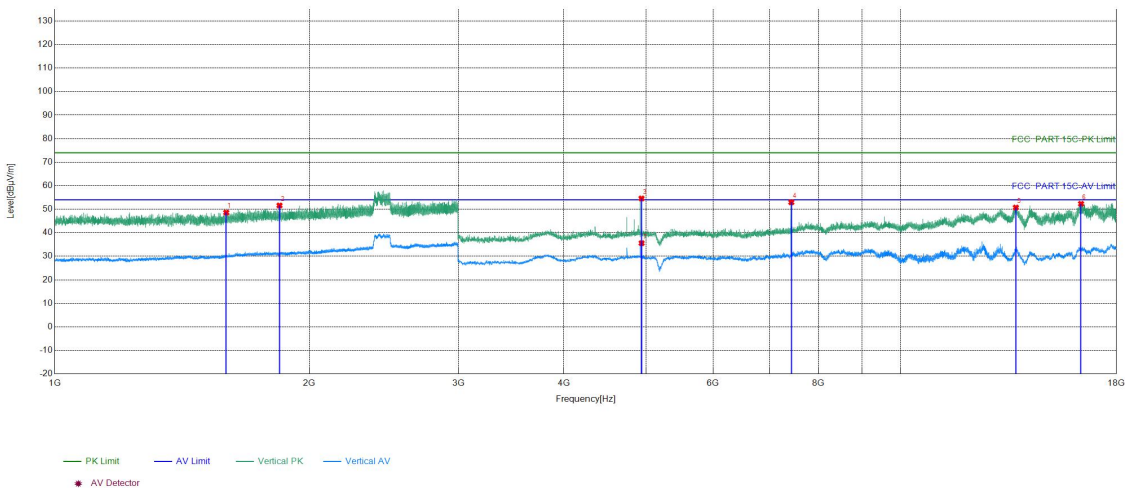
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	1210.8141	11.61	36.28	47.89	74.00	26.11	PASS	Horizontal	PK
2	1927.9285	14.65	35.96	50.61	74.00	23.39	PASS	Horizontal	PK
3	4952.1301	-8.03	67.27	59.24	74.00	14.76	PASS	Horizontal	PK
4	8465.3644	-0.55	46.18	45.63	74.00	28.37	PASS	Horizontal	PK
5	13683.7122	7.32	43.30	50.62	74.00	23.38	PASS	Horizontal	PK
6	16270.8847	10.66	41.53	52.19	74.00	21.81	PASS	Horizontal	PK
7	4953.1302	-8.03	59.70	51.67	54.00	2.33	PASS	Horizontal	AV

Test_Mode	GFSK	Test_Frequency	2476Mhz
Remark	/	Test_Date	2026/1/19
Remark	20°C52%/		

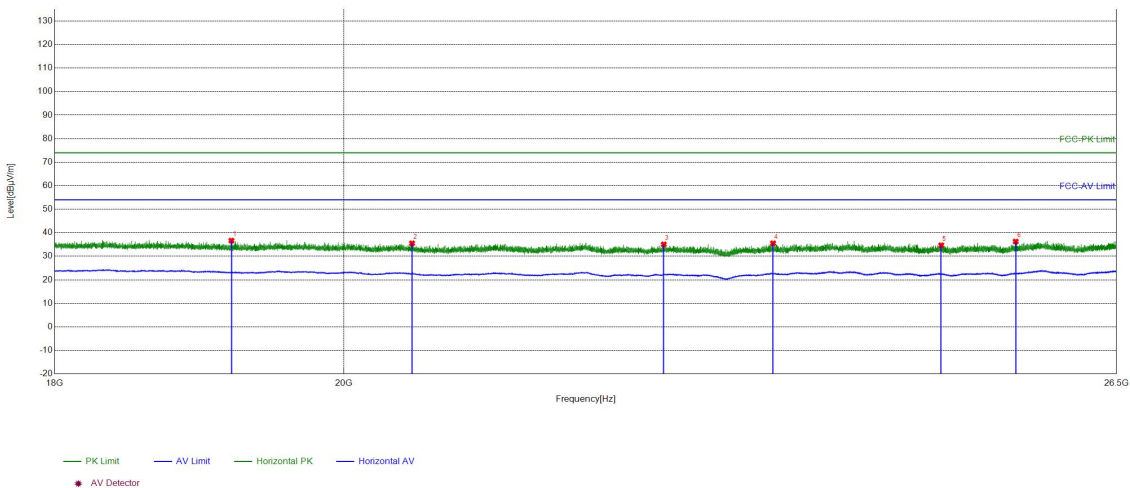
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1594.8397	13.71	34.87	48.58	74.00	25.42	PASS	Vertical	PK
2	1843.5229	14.37	37.22	51.59	74.00	22.41	PASS	Vertical	PK
3	4940.1293	-8.07	62.64	54.57	74.00	19.43	PASS	Vertical	PK
4	7427.2952	-2.75	55.70	52.95	74.00	21.05	PASS	Vertical	PK
5	13688.7126	7.30	43.41	50.71	74.00	23.29	PASS	Vertical	PK
6	16346.8898	11.54	40.76	52.30	74.00	21.70	PASS	Vertical	PK
7	4941.1294	-8.07	43.64	35.57	54.00	18.43	PASS	Vertical	AV

Test_Mode	GFSK	Test_Frequency	2476Mhz
Remark	/	Test_Date	2026/1/19
Remark	20°C52%/		

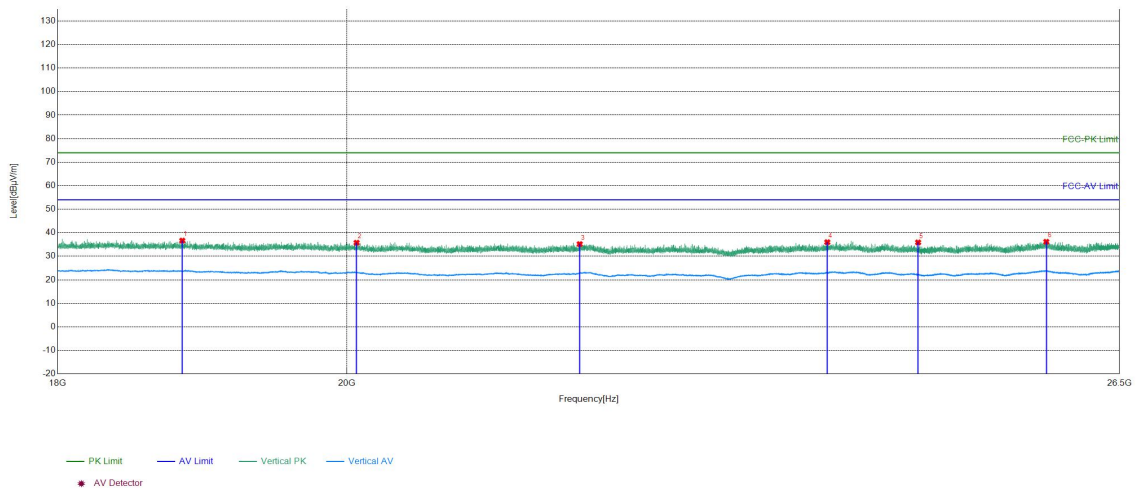
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19196.5079	-26.06	62.71	36.65	74.00	37.35	PASS	Horizontal	PK
2	20502.1601	-25.78	61.28	35.50	74.00	38.50	PASS	Horizontal	PK
3	22471.1788	-25.07	60.13	35.06	74.00	38.94	PASS	Horizontal	PK
4	23383.7754	-23.62	59.12	35.50	74.00	38.50	PASS	Horizontal	PK
5	24861.1344	-22.01	56.69	34.68	74.00	39.32	PASS	Horizontal	PK
6	25544.9018	-20.91	57.17	36.26	74.00	37.74	PASS	Horizontal	PK

Test_Mode	GFSK	Test_Frequency	2476Mhz
Remark	/	Test_Date	2026/1/19
Remark	20°C52%/		

Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	18835.0734	-26.29	62.94	36.65	74.00	37.35	PASS	Vertical	PK
2	20070.0028	-24.93	60.69	35.76	74.00	38.24	PASS	Vertical	PK
3	21769.3908	-25.57	60.75	35.18	74.00	38.82	PASS	Vertical	PK
4	23824.773	-22.28	58.26	35.98	74.00	38.02	PASS	Vertical	PK
5	24625.845	-21.89	57.78	35.89	74.00	38.11	PASS	Vertical	PK
6	25803.3121	-20.82	56.98	36.16	74.00	37.84	PASS	Vertical	PK

Remark:

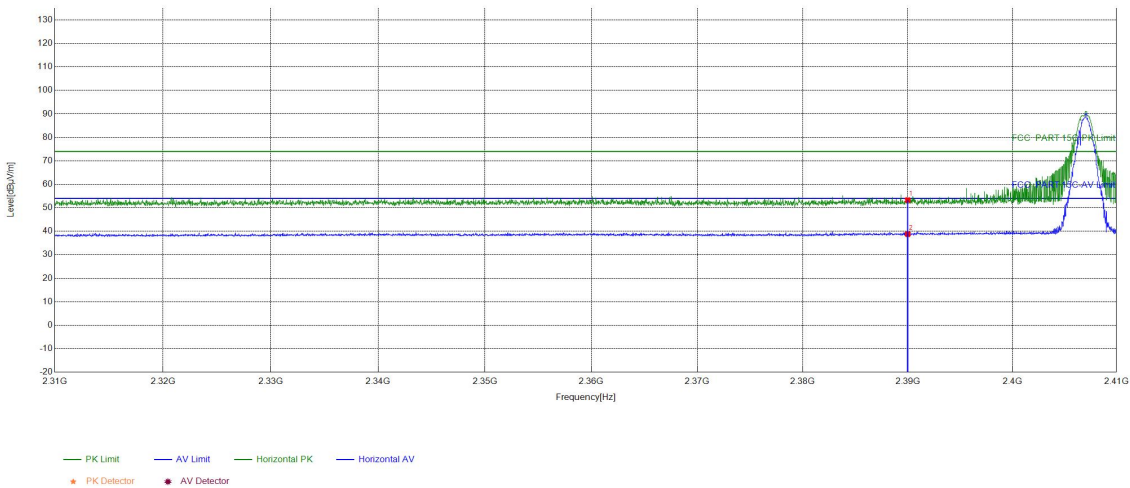
- The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
Final Test Level = Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor
- Scan from 9kHz to 25GHz, the disturbance above 10GHz and 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. As the PK values are all below 54dBμV/m. So, only the peak measurements were shown in the report.

Restricted bands:

Test plot as follows:

Test_Mode	GFSK	Test_Frequency	2407Mhz
Remark	/	Test_Date	2026/1/16
Remark	20°C52%/		

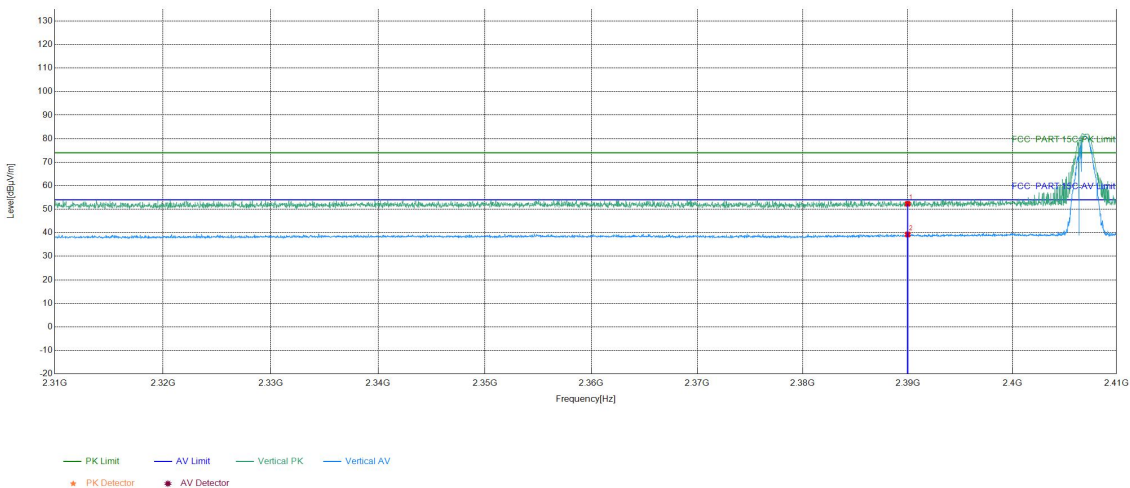
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	15.96	37.32	53.28	74.00	20.72	PASS	Horizontal	PK
2	2390	15.96	22.82	38.78	54.00	15.22	PASS	Horizontal	AV

Test_Mode	GFSK	Test_Frequency	2407Mhz
Remark	/	Test_Date	2026/1/16
Remark	20°C52%/		

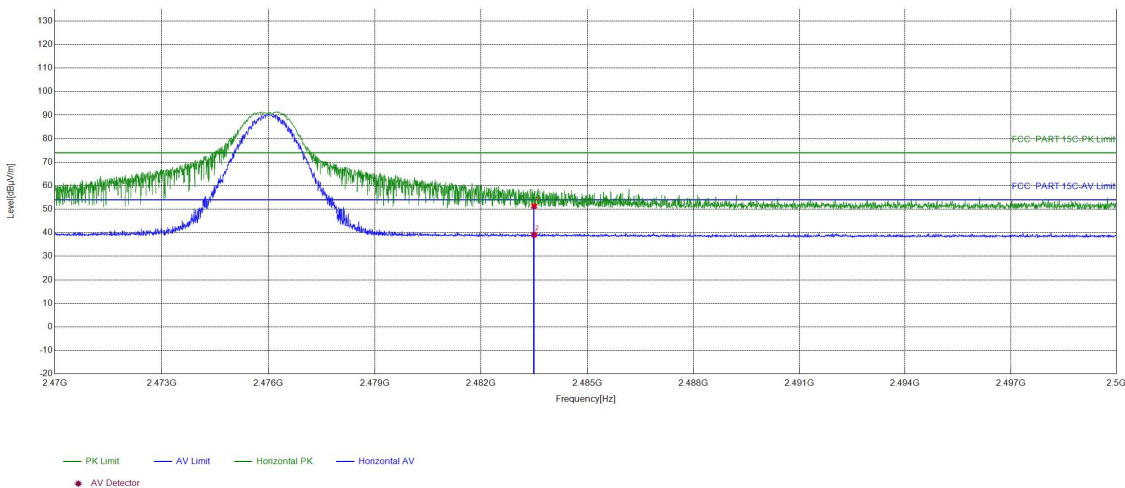
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2390	15.96	36.34	52.30	74.00	21.70	PASS	Vertical	PK
2	2390	15.96	23.31	39.27	54.00	14.73	PASS	Vertical	AV

Test_Mode	GFSK	Test_Frequency	2476Mhz
Remark	/	Test_Date	2026/1/19
Remark	20°C52%/		

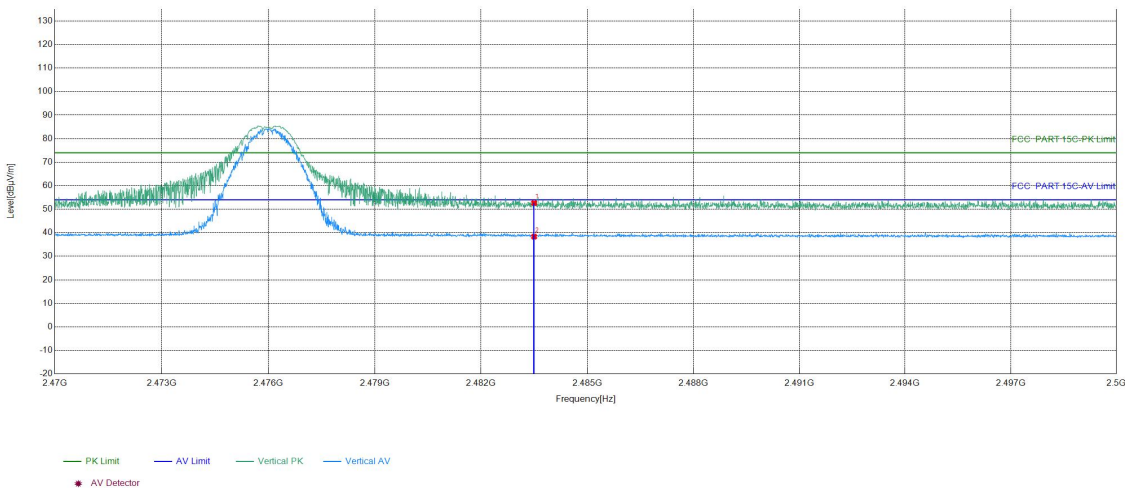
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	16.29	35.00	51.29	74.00	22.71	PASS	Horizontal	PK
2	2483.5	16.29	22.85	39.14	54.00	14.86	PASS	Horizontal	AV

Test_Mode	GFSK	Test_Frequency	2476Mhz
Remark	/	Test_Date	2026/1/19
Remark	20°C52%/		

Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2483.5	16.29	36.34	52.63	74.00	21.37	PASS	Vertical	PK
2	2483.5	16.29	22.06	38.35	54.00	15.65	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

6 Appendix A

Refer to Appendix: 2.4G of EED32S80080101

7 PHOTOGRAPHS

Refer to Appendix Photographs of Report No. EED32S80080101.

Statement

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule stated in ILAC-G8:09/2019/CNAS-GL015:2022;
5. Without written approval of CTI, this report can't be reproduced except in full;

*** End of Report ***