

TEST REPORT

Product : TPMS
Trade mark : N/A
Model/Type reference : TY09, TY09A
Serial Number : N/A
Report Number : EED32R82339301
FCC ID : 2BDZM-TY09
Date of Issue : Jan. 16, 2026
Test Standards : 47 CFR Part 15 Subpart C
Test result : PASS

Prepared for:

Shenzhen Chemei Technology Co., Ltd.
5th Floor, Building 2, No. 263 Changfeng Road, Fenghuang Community,
Fenghuang Sub-district, Guangming District, Shenzhen City

Prepared by:

Centre Testing International Group Co., Ltd.
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Date:

Jan. 16, 2026



Check No.: 7740281125

1 Test Summary

Test Item	Test Requirement	Test method	Result
Antenna Requirement	47 CFR Part 15 Subpart C Section 15.203	ANSI C63.10:2020	PASS
AC Power Line Conducted Emission	47 CFR Part 15 Subpart C Section 15.207	ANSI C63.10:2020	N/A
Field Strength of the Fundamental Signal	47 CFR Part 15 Subpart C Section 15.231 (b)	ANSI C63.10:2020	PASS
Spurious Emissions	47 CFR Part 15 Subpart C Section 15.231 (b)/15.209	ANSI C63.10:2020	PASS
20dB Bandwidth	47 CFR Part 15 Subpart C Section 15.231 (c)	ANSI C63.10:2020	PASS
Dwell Time	47 CFR Part 15 Subpart C Section 15.231 (a)	ANSI C63.10:2020	PASS

Remark:

Model No.: TY09, TY09A

All model was tested Spurious Emissions. Only the model TY09 completed all the tests.

They have same electrical. The differences in PCB layout are due to the varying market demands and usage environments with the aim of achieving better heat dissipation. They do not affect the radio frequency performance.

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3 General Information

3.1 Client Information

Applicant:	Shenzhen Chemei Technology Co., Ltd.
Address of Applicant:	5th Floor, Building 2, No. 263 Changfeng Road, Fenghuang Community, Fenghuang Sub-district, Guangming District, Shenzhen City
Manufacturer:	Shenzhen Chemei Technology Co., Ltd.
Address of Manufacturer:	5th Floor, Building 2, No. 263 Changfeng Road, Fenghuang Community, Fenghuang Sub-district, Guangming District, Shenzhen City
Factory:	Shenzhen Chemei Technology Co., Ltd.
Address of Factory:	5th Floor, Building 2, No. 263 Changfeng Road, Fenghuang Community, Fenghuang Sub-district, Guangming District, Shenzhen City

3.2 General Description of EUT

Product Name:	TPMS
Model No.(EUT):	TY09, TY09A
Test Model:	TY09
Trade Mark:	N/A
Product Type:	☐ Mobile ☐ Portable ☒ Fix Location
Frequency Range:	433.92MHz
Modulation Type:	FSK
Number of Channels:	1 (declared by the client)
Antenna Type:	PCB antenna
Antenna Gain:	0 dBi
Power Supply:	Battery: DC 3V
Test voltage:	DC 3V
Sample Received Date:	Dec. 04, 2025
Sample tested Date:	Dec. 04, 2025 to Jan. 16, 2026

3.3 Test Environment and Mode

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

Test mode:	
Transmitting mode:	Keep the EUT in transmitting mode with modulation.

3.4 Description of Support Units

The EUT has been tested with associated equipment below.

1) support equipment

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

3.5 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, ISED test site number: 7408A, CAB identifier number : CN0037

3.6 Deviation from Standards

None.

3.7 Abnormalities from Standard Conditions

None.

3.8 Other Information Requested by the Customer

None.

3.9 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-18GHz)
3	Radiated Spurious emission test	3.3dB (9kHz-30MHz)
		4.3dB (30MHz-1GHz)
		4.5dB (1GHz-12.75GHz)
4	Conduction emission	3.5dB (9kHz to 150kHz)
		3.1dB (150kHz to 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	Model 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	1407.6004K02- 262149-CV	08-11-2025	08-10-2026
Spectrum Analyzer	R&S	FSV40	101200	07-16-2025	07-15-2026
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	05-25-2026
BT&WI-FI Automatic test software	MWRF-test	MTS 8310	V2.0.0.0	---	---
Spectrum Analyzer	R&S	FSV3044	101509	02-14-2025	02-13-2026

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
Spectrum Analyzer	R&S	FSV40	101200	08/11/2025	08/10/2026
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

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	---	01-09-2024	01-08-2027
Receiver	Keysight	N9038A	MY57290136	12-22-2025	12-22-2026
Spectrum Analyzer	Keysight	N9020B	MY57111112	12-22-2025	12-22-2026
Spectrum Analyzer	Keysight	N9030B	MY57140871	12-22-2025	12-22-2026
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	Tonscend	TAP-011858	AP21B806112	07-07-2025	07-06-2026
Preamplifier	Tonscend	EMC051845SE	980380	11-25-2025	11-24-2026
Communication test set	R&S	CMW500	102898	01-04-2025	01-03-2026
Temperature/ Humidity Indicator	biaozhi	GM1360	EE1186631	03-31-2025	03-30-2026
RSE Automatic test software	JS Tonscend	JS36-RSE	V4.0.0.0	---	---
Cable line	Times	SFT205-NMSM-2.50M	394812-0001	01-09-2024	01-08-2027
Cable line	Times	SFT205-NMSM-2.50M	394812-0002	01-09-2024	01-08-2027
Cable line	Times	SFT205-NMSM-2.50M	394812-0003	01-09-2024	01-08-2027
Cable line	Times	SFT205-NMSM-2.50M	393495-0001	01-09-2024	01-08-2027
Cable line	Times	EMC104-NMNM-1000	SN160710	01-09-2024	01-08-2027
Cable line	Times	SFT205-NMSM-3.00M	394813-0001	01-09-2024	01-08-2027
Cable line	Times	SFT205-NMNM-1.50M	381964-0001	01-09-2024	01-08-2027
Cable line	Times	SFT205-NMSM-7.00M	394815-0001	01-09-2024	01-08-2027
Cable line	Times	HF160-KMKM-3.00M	393493-0001	01-09-2024	01-08-2027

5 Test results and Measurement Data

5.1 Antenna Requirement

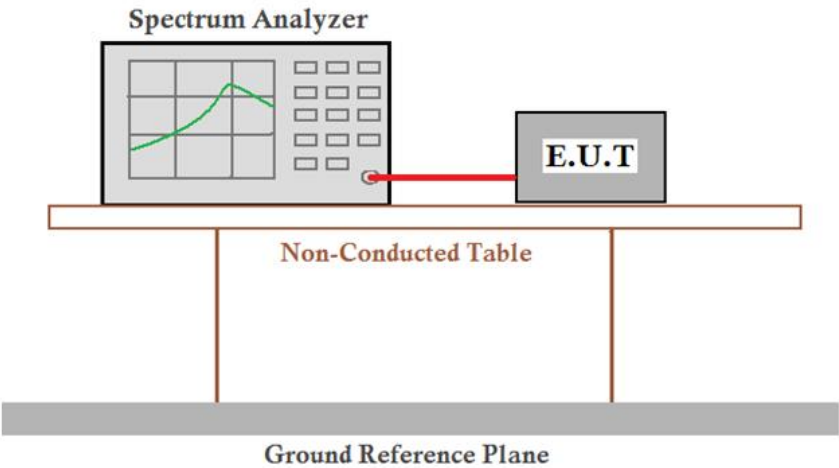
Standard requirement:	47 CFR Part 15C Section 15.203
15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique 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.	
EUT Antenna:	Please see Internal photos
The antenna is PCBI antenna. The best case gain of the antenna is 0dBi.	

5.2 Spurious Emissions

5.2.1 Duty Cycle

Test Requirement: 47 CFR Part 15C Section 15.35 (c)
Test Method: ANSI C63.10:2020

Test Setup:

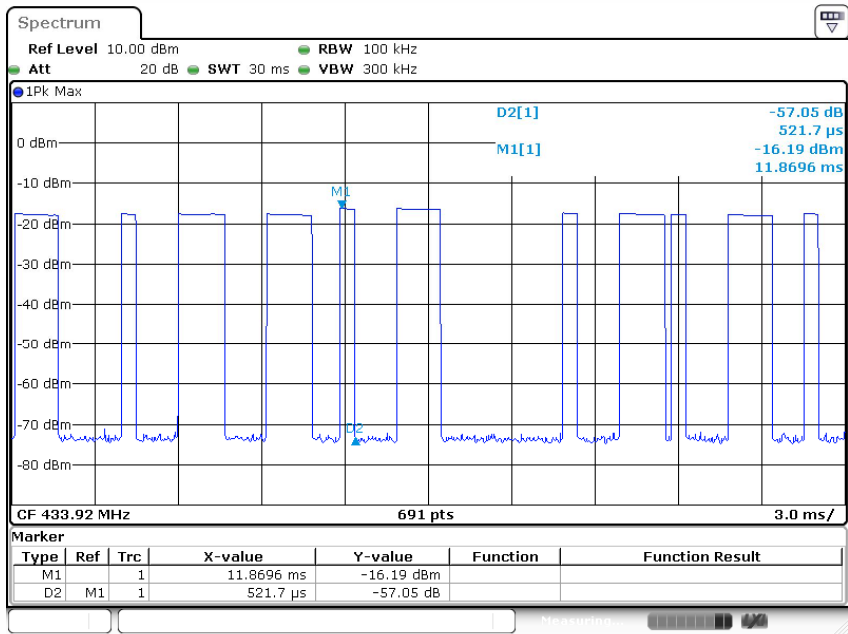
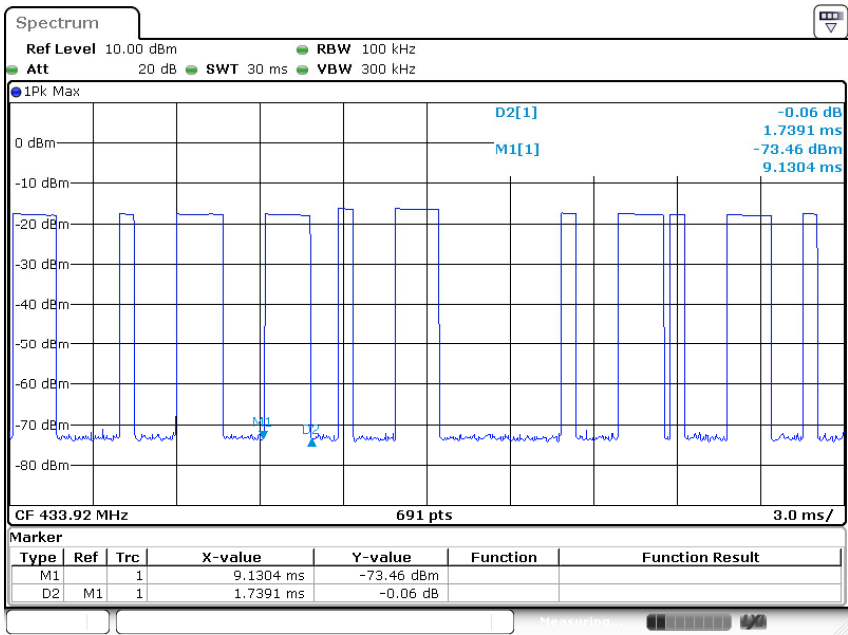


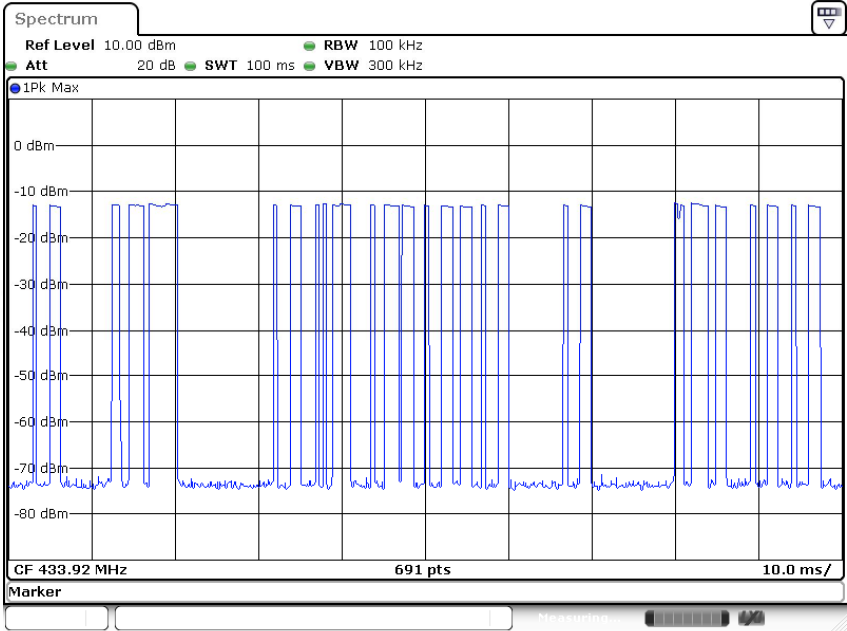
Limit: N/A
Test Mode: Transmitting mode
Test Results: Pass

Duty cycle numbers	T period (ms)	T on time (ms)	Duty cycle
32	100	34.086	0.34086

Note: $T \text{ on time} = 1.7391 \times 16 + 0.5217 \times 12 = 34.086 \text{ms}$,
 $\text{Duty cycle} = T \text{ on time} / T \text{ period}$

Test plot as follows:





Date: 10.DEC.2025 15:01:09

5.2.2 Spurious Emissions

Test Requirement: 47 CFR Part 15C Section 15.231(b) and 15.209

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	120kHz	300kHz	Quasi-peak
Above 1GHz	Peak	1MHz	3MHz	Peak
	Peak	1MHz	10Hz	Average

Test Setup:

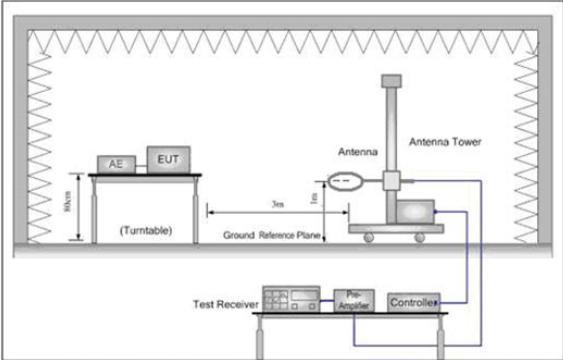


Figure 1. Below 30MHz

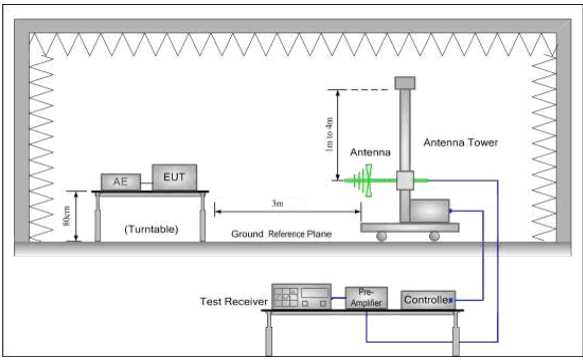


Figure 2. 30MHz to 1GHz

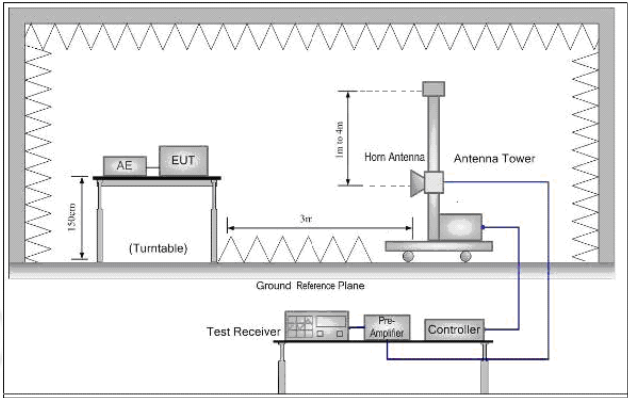


Figure 3. Above 1GHz

Test Procedure:

Below 1GHz test procedure as below:

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

Above 1GHz test procedure as below:

- Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 metre to 1.5 metre(Above 18GHz the distance is 1 meter and table is 1.5 metre).
- Test the EUT in the 433MHz channel.
- The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case.
- Repeat above procedures until all frequencies measured was complete.

Limit:
(Spurious Emissions)

Frequency	Field strength (microvolt/meter)	Limit (dBμV/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.

Limit:
(Field strength of the fundamental signal)

Frequency	Limit (dBμV/m @3m)	Remark
433.92MHz	80.8	Average Value
	100.8	Peak Value

Test Mode:

Transmitting mode

Test Results:

Pass

Test data
Field Strength of the Fundamental Signal

Average value:	
Calculate Formula:	Average value=Peak value + PDCF
	PDCF=20 log(Duty cycle)
	Duty cycle= T on time / T period
Test data:	T on time =34.086ms
	T period =100ms
	PDCF= -9.35

Antenna polarization: Horizontal						
Frequency (MHz)	Read Level (dBuV)	Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
433.92	39.14	19.77	58.91	108.8	-49.89	Peak
433.92	-	-	49.56	80.8	-31.24	Average

Antenna polarization: Vertical						
Frequency (MHz)	Read Level (dBuV)	Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
433.92	51.59	19.77	71.36	108.8	-37.44	Peak
433.92	-	-	62.01	80.8	-18.79	Average

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

Spurious Emissions

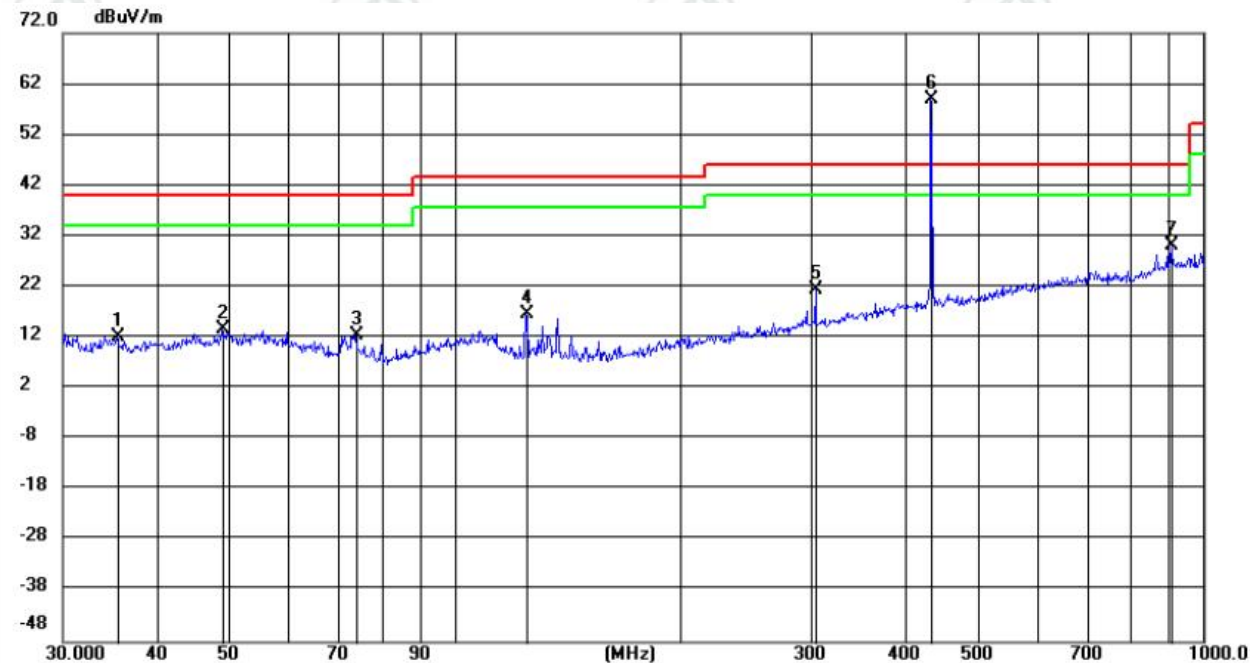
9KHz-30MHz

9 kHz~30 MHz Field Strength of Unwanted Emissions. Quasi-Peak Measurement
The measurements with active loop antenna were greater than 20dB below the limit, so the test data were not recorded in the test report.

Model: TY09

30MHz-1GHz

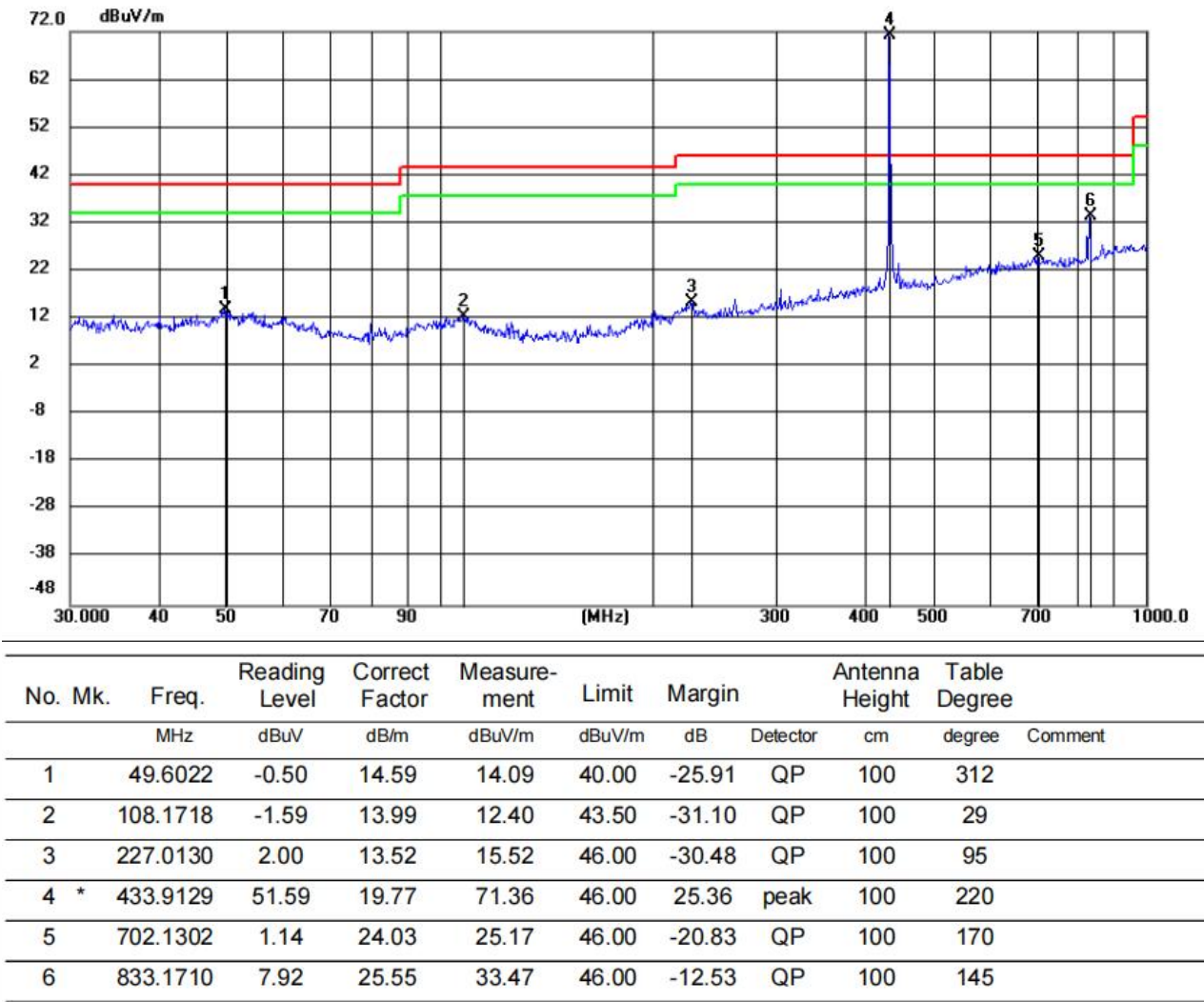
Horizontal:



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		35.4246	-0.75	12.88	12.13	40.00	-27.87	QP	100	197	
2		48.9199	-0.69	14.49	13.80	40.00	-26.20	QP	100	222	
3		73.9792	1.86	10.52	12.38	40.00	-27.62	QP	100	106	
4		125.0065	5.42	11.14	16.56	43.50	-26.94	QP	100	72	
5		304.2363	4.89	16.46	21.35	46.00	-24.65	QP	100	290	
6	*	433.9129	39.14	19.77	58.91	46.00	12.91	peak	100	72	
7		908.8695	3.02	27.04	30.06	46.00	-15.94	QP	100	72	

Model: TY09

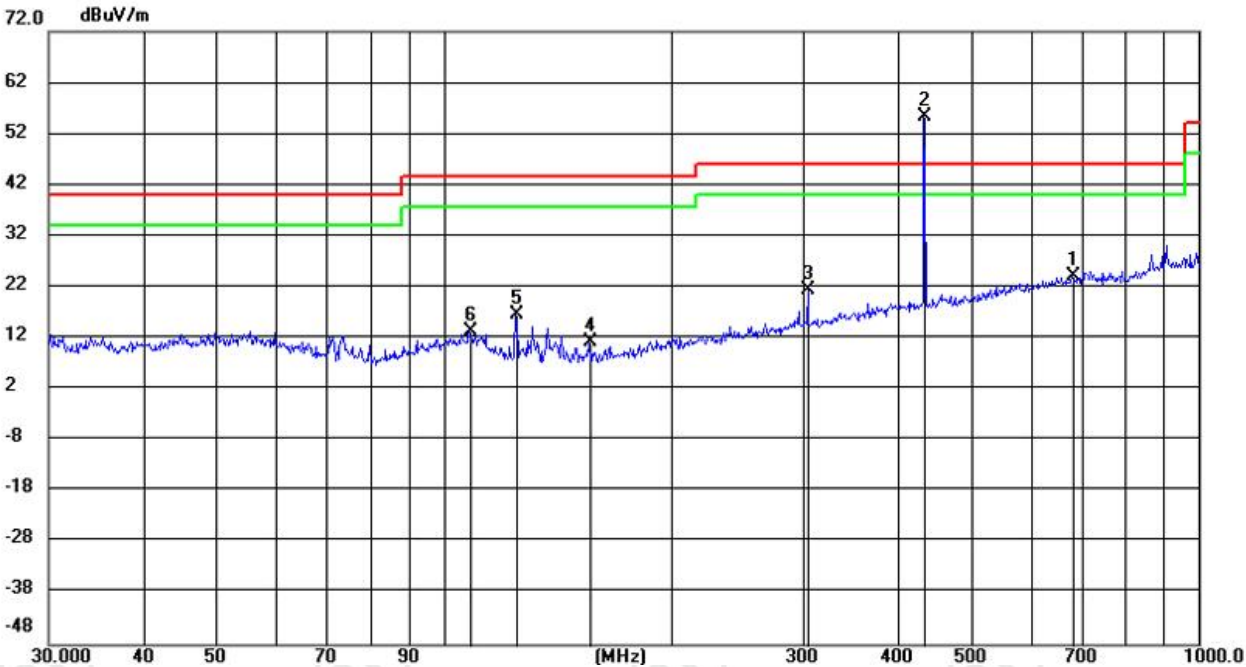
Vertical:



Model: TY09A

30MHz-1GHz

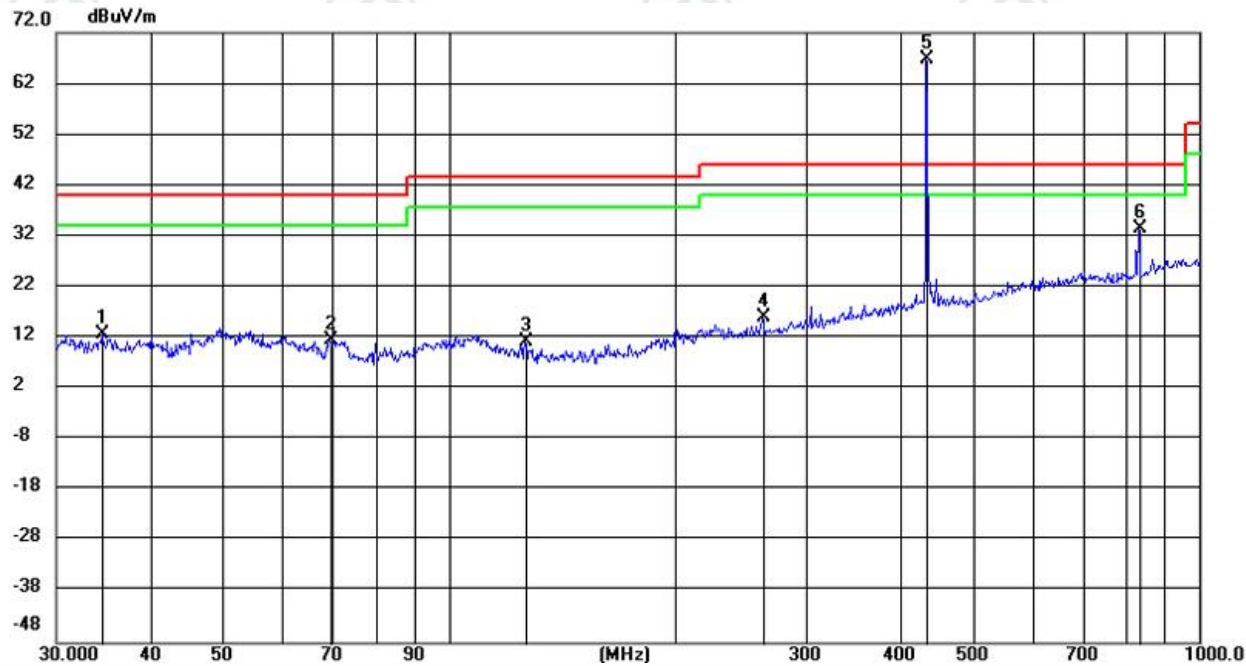
Horizontal:



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Antenna Height	Table	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	degree
1		680.0791	0.33	23.73	24.06	46.00	-21.94	QP	100	125
2	*	433.9128	35.64	19.77	55.41	46.00	9.41	peak	100	124
3		304.2363	4.89	16.46	21.35	46.00	-24.65	QP	100	235
4		156.2658	0.83	10.46	11.29	43.50	-32.21	QP	200	214
5		125.0065	5.42	11.14	16.56	43.50	-26.94	QP	100	125
6		108.5708	-0.71	14.03	13.32	43.50	-30.18	QP	100	147

Model: TY09A

Vertical:

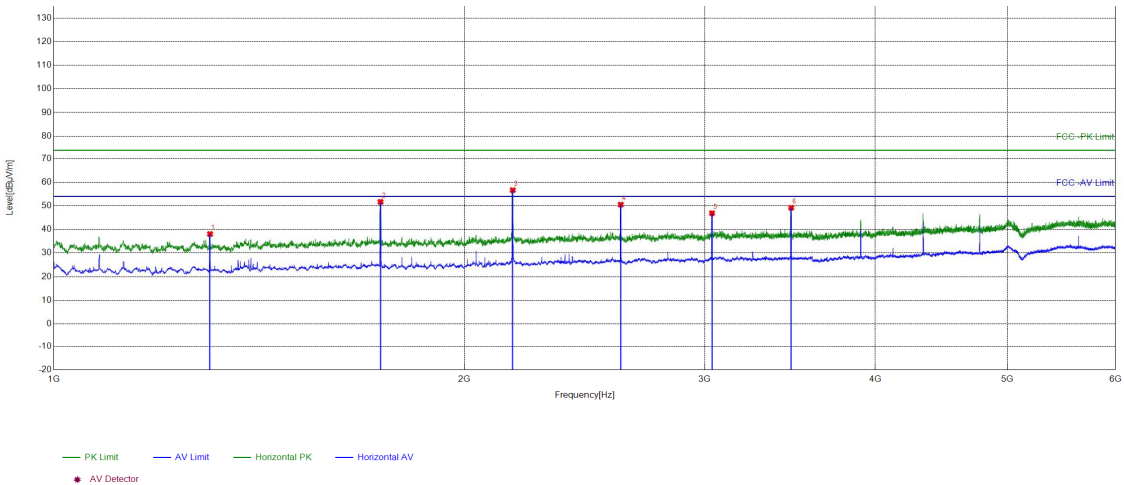


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	
1		34.6263	-0.05	12.82	12.77	40.00	-27.23	QP	100	125
2		69.4907	0.29	11.15	11.44	40.00	-28.56	QP	100	147
3		126.5502	0.16	11.02	11.18	43.50	-32.32	QP	200	125
4		262.5269	0.87	15.09	15.96	46.00	-30.04	QP	100	254
5	*	433.9128	47.09	19.77	66.86	46.00	20.86	peak	100	125
6		833.1710	7.92	25.55	33.47	46.00	-12.53	QP	100	123

Above 1GHz

Model	TY09	Test_Frequency	433.92Mhz
Tset_Engineer	chenjun	Test_Date	2025/12/13
Remark	23.66°C60.82%/		

Test Graph

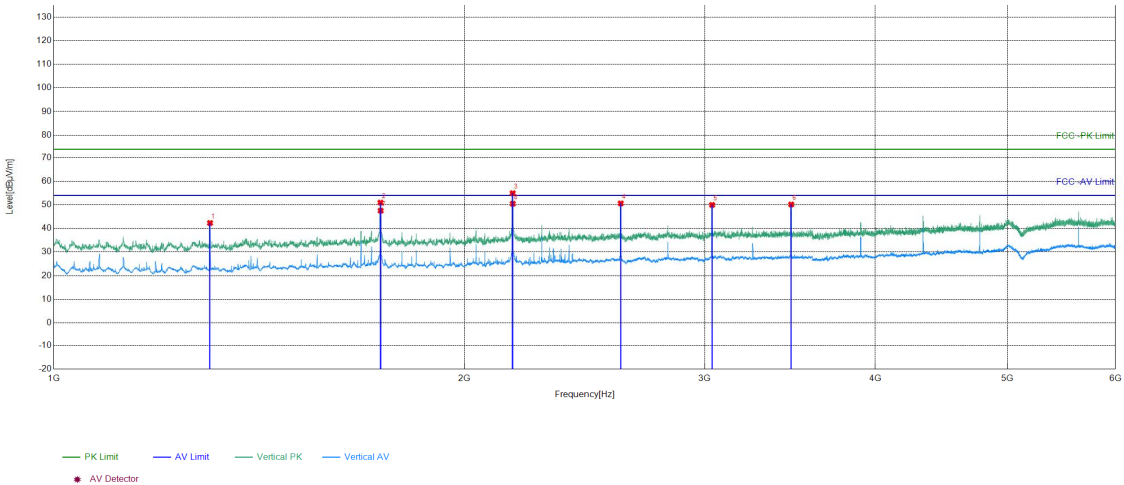


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1301.6868	-22.07	60.14	38.07	74.00	35.93	PASS	Horizontal	PK
2	1735.7157	-20.49	72.19	51.70	74.00	22.30	PASS	Horizontal	PK
3	2169.7446	-18.74	75.40	56.66	74.00	17.34	PASS	Horizontal	PK
4	2603.4402	-17.09	67.60	50.51	74.00	23.49	PASS	Horizontal	PK
5	3037.1358	-15.32	62.20	46.88	74.00	27.12	PASS	Horizontal	PK
6	3471.4981	-14.25	63.45	49.20	74.00	24.80	PASS	Horizontal	PK
7	2170.078	-18.74	70.55	51.81	54.00	2.19	PASS	Horizontal	AV

Model	TY09	Test_Frequency	433.92Mhz
Tset_Engineer	chenjun	Test_Date	2025/12/13
Remark	23.66°C60.82%/		

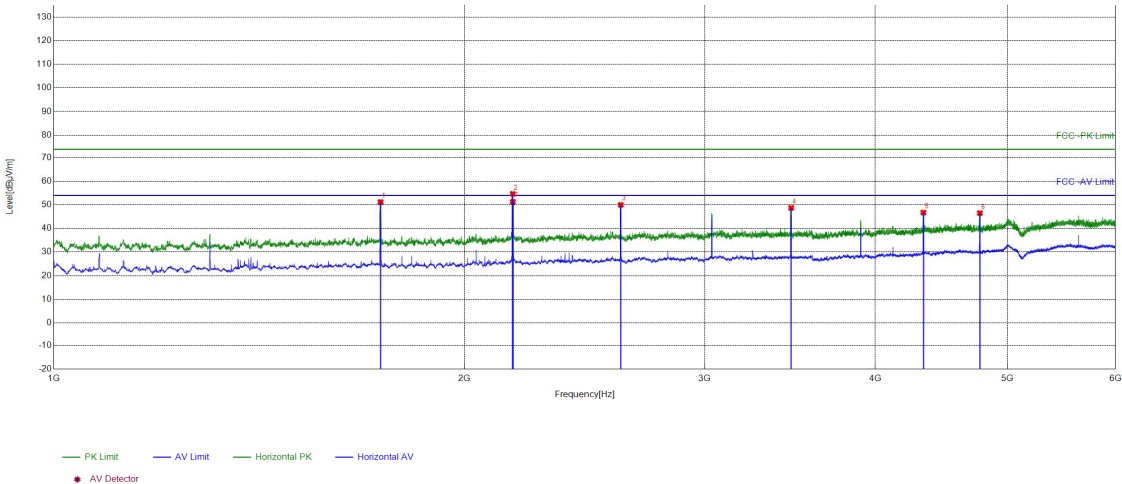
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1301.6868	-22.07	64.38	42.31	74.00	31.69	PASS	Vertical	PK
2	1735.7157	-20.49	71.44	50.95	74.00	23.05	PASS	Vertical	PK
3	2169.4113	-18.74	73.68	54.94	74.00	19.06	PASS	Vertical	PK
4	2603.4402	-17.09	67.71	50.62	74.00	23.38	PASS	Vertical	PK
5	3037.4692	-15.32	65.31	49.99	74.00	24.01	PASS	Vertical	PK
6	3471.4981	-14.25	64.42	50.17	74.00	23.83	PASS	Vertical	PK
7	1736.0491	-20.49	68.03	47.54	54.00	6.46	PASS	Vertical	AV
8	2169.7446	-18.74	69.22	50.48	54.00	3.52	PASS	Vertical	AV

Model	TY09A	Test_Frequency	433.92Mhz
Remark	chenjun	Test_Date	2026/01/16
Remark	22.48°C60.54%/		

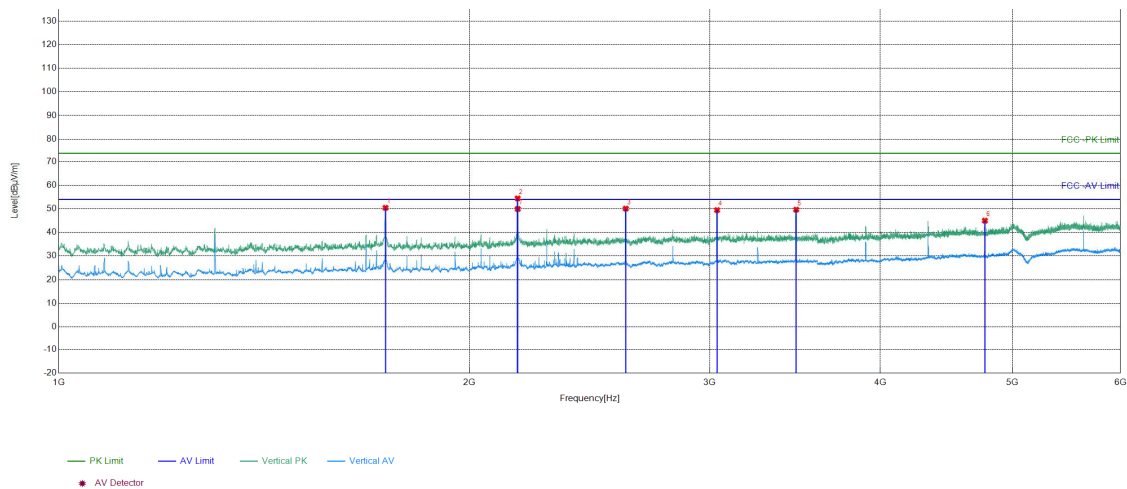
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1735.7157	-20.49	71.69	51.20	74.00	22.80	PASS	Horizontal	PK
2	2169.7446	-18.74	73.40	54.66	74.00	19.34	PASS	Horizontal	PK
3	2603.4402	-17.09	67.10	50.01	74.00	23.99	PASS	Horizontal	PK
4	3471.4981	-14.25	62.95	48.70	74.00	25.30	PASS	Horizontal	PK
5	4338.8893	-9.99	56.74	46.75	74.00	27.25	PASS	Horizontal	PK
6	4772.5848	-8.86	55.36	46.50	74.00	27.50	PASS	Horizontal	PK
7	2170.078	-18.74	70.05	51.31	54.00	2.69	PASS	Horizontal	AV

Model	TY09A	Test_Frequency	433.92Mhz
Remark	chenjun	Test_Date	2026/01/16
Remark	22.48°C60.54%/		

Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1735.7157	-20.49	70.94	50.45	74.00	23.55	PASS	Vertical	PK
2	2169.4113	-18.74	73.18	54.44	74.00	19.56	PASS	Vertical	PK
3	2603.4402	-17.09	67.21	50.12	74.00	23.88	PASS	Vertical	PK
4	3037.4692	-15.32	64.81	49.49	74.00	24.51	PASS	Vertical	PK
5	3471.4981	-14.25	63.92	49.67	74.00	24.33	PASS	Vertical	PK
6	4773.2516	-8.86	53.86	45.00	74.00	29.00	PASS	Vertical	PK
7	2169.7446	-18.74	68.72	49.98	54.00	4.02	PASS	Vertical	AV

Remark:

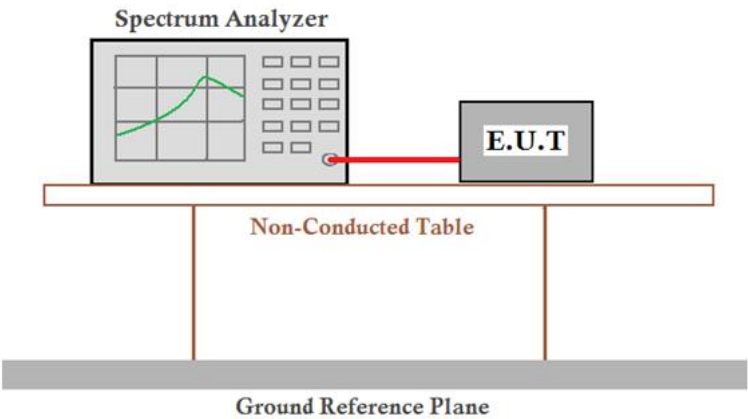
- The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
 Final Test Level = Receiver Reading - Correct Factor
 Correct Factor = Preamplifier Factor - Antenna Factor - Cable Factor
- Scan from 9kHz to 6GHz, the disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

5.3 20dB Bandwidth

Test Requirement: 47 CFR Part 15C Section 15.231 (c)

Test Method: ANSI C63.10:2020

Test Setup:



Limit:

The bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating above 70 MHz and below 900 MHz. For devices operating above 900 MHz, the emission shall be no wider than 0.5% of the center frequency. Bandwidth is determined at the points 20 dB down from the modulated carrier.

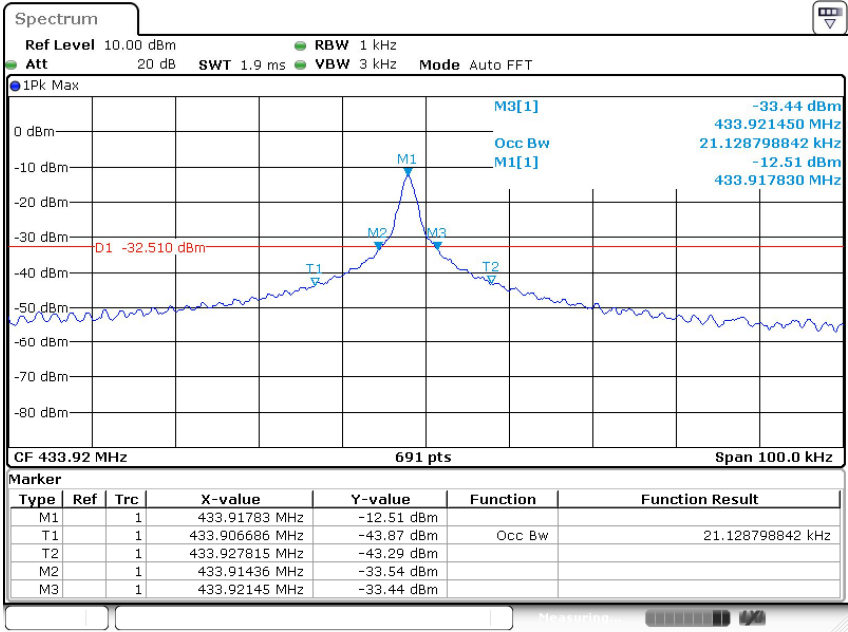
Test Mode: Transmitting mode

Test Results: Pass

Test data

20dB bandwidth (MHz)	Limit (MHz)	Results
0.00709	1.0848	PASS

Test plot as follows:



Date: 10.DEC.2025 14:55:08

5.4 Dwell Time

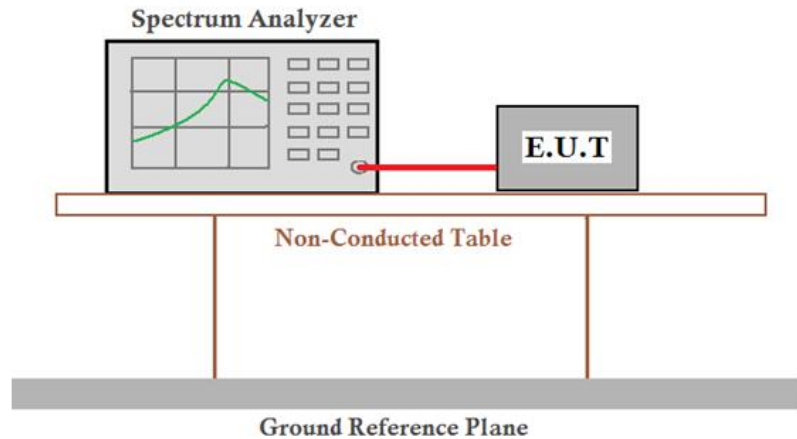
Test Requirement:

47 CFR Part 15C Section 15.231 (a)

Test Method:

ANSI C63.10:2020

Test Setup:



Limit:

Not more than 5 seconds

Test Mode:

Transmitting mode

Test Results:

Pass

Requirements:

1. Regulation 15.231 (a) The provisions of this Section are restricted to periodic operation within the band 40.66~40.70 MHz and above 70 MHz. Except as shown in paragraph (e) of this Section, the intentional radiator is restricted to the transmission of a control signal such as those used with alarm systems, door openers, remote switches, etc. Radio control of toys is not permitted. Continuous transmissions, such as voice or video, and data transmissions are not permitted. The prohibition against data transmissions does not preclude the use of recognition codes. Those codes are used to identify the sensor that is activated or to identify the particular component as being part of the system.

Result:

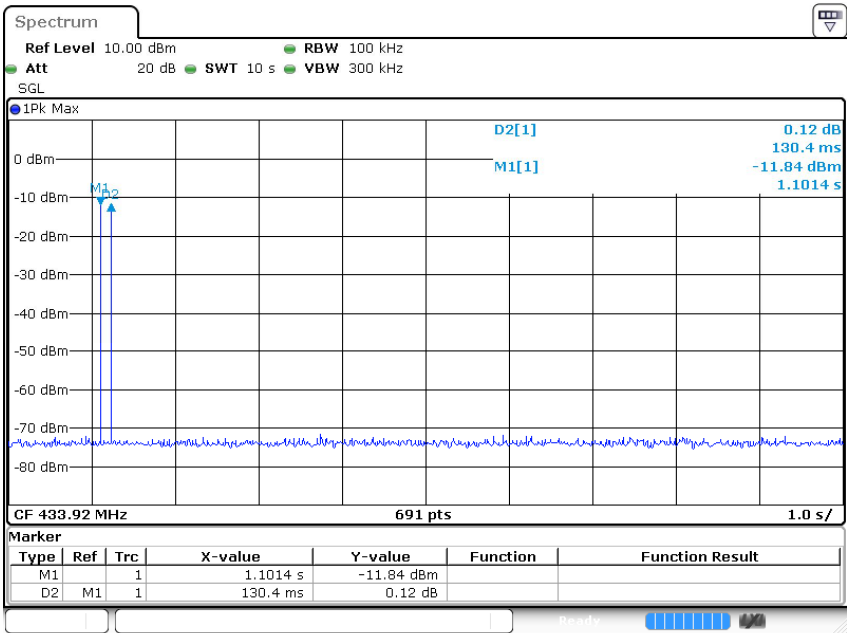
The EUT is a remote switch without audio or video transmitted.
The EUT meets the requirements of this section.

2. Regulation 15.231 (a1) A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.

Result:

Test item	Limit (MHz)	Results
Transmitting time	$\leq 5S$	0.1304S

Test plot as follows:



Date: 10 DEC. 2025 14:57:01

6 PHOTOGRAPHS

Refer to Appendix Photographs of Report No. EED32R82339301.

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 ***