



FCC Radio Test Report

FCC ID: 2AJUYMS200118

This report concerns: Original Grant

Droig of No		2406C100
Project No.	-	24000 190
Equipment	:	2-IN-1 WIRELESS THERMOMETER AND PH READER
Brand Name	:	Mainstays
Test Model	:	FL1058
Series Model	:	N/A
Applicant	:	Velong Enterprises Co.,Ltd
Address	:	No.3-7 west of 5th Najin Rd., North of 4th Huoda Rd., Nahou Industrial
		Zone,Yangdong District, Yangjiang City
Manufacturer	:	Ningbo Shuanghe Hongsheng Electronic Technology Co.,Ltd
Address	:	2 Binxi South Road, Dayin Town Yuyao City, Zhejiang Province China
Factory	:	Ningbo Shuanghe Hongsheng Electronic Technology Co.,Ltd
Address	:	2 Binxi South Road, Dayin Town Yuyao City, Zhejiang Province China
Date of Receipt	:	Jun. 24, 2024
Date of Test	:	Jun. 27, 2024 ~ Aug. 01, 2024
Issued Date	:	Aug. 01, 2024
Report Version	:	R00
Test Sample	:	Engineering Sample No.: DG20240624126 & DG2024070858 for
-		Radiated Emissions, DG20240624125 for conducted.
Standard(s)	:	FCC CFR Title 47, Part 15, Subpart C

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

Prepared by

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Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. BTL assumes no responsibility for the data provided by the customer, any statements, inferences or generalizations drawn by the customer or others from the reports issued by BTL.

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BTL's laboratory quality assurance procedures are in compliance with the ISO/IEC 17025: 2017 requirements, and accredited by the conformity assessment authorities listed in this test report.

BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and in all the possible configurations as representative of its intended use.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective. Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.



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REPORT ISSUED HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-1-2406C190	R00	Original Report.	Aug. 01, 2024	Valid



1. APPLICABLE STANDARDS

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards: ANSI C63.10-2013

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC CFR Title 47, Part 15, Subpart C					
Standard(s) Section	Test Item	Test Result	Judgment	Remark	
15.207	AC Power Line Conducted Emissions	APPENDIX A	N/A		
15.205 15.209 15.231(e)	Radiated Emission	APPENDIX B APPENDIX C APPENDIX D	PASS		
15.231(c)	20 dB Spectrum Bandwidth	APPENDIX E	PASS		
15.231(e)	Timing Testing	APPENDIX F	PASS		
15.203	Antenna Requirement		PASS	Note(2)	

Note:

(1) "N/A" denotes test is not applicable in this test report.

(2) The device what use a permanently attached antenna were considered sufficient to comply with the provisions of 15.203.



2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3, Jinshagang 1st Road, Dalang, Dongguan City, Guangdong People's Republic of China. BTL's Registration Number for FCC: 747969 BTL's Designation Number for FCC: CN1377

2.2 MEASUREMENT UNCERTAINTY

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95.45% confidence level (based on a coverage factor (k=2)) The BTL measurement uncertainty as below table:

A. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	<i>U</i> ,(dB)
DG-CB01	CISPR	9kHz ~ 30MHz	2.36

Test Site	Method	Measurement Frequency Range	Ant. H / V	<i>U</i> ,(dB)
DG-CB03 (3m) CISF		30MHz ~ 200MHz	V	4.40
		30MHz ~ 200MHz	Н	3.62
	CIGER	200MHz ~ 1,000MHz	V	4.58
		200MHz ~ 1,000MHz	Н	3.98

Test Site	Method	Measurement Frequency Range	<i>U</i> ,(dB)
DG-CB03 (3m)	CISPR	1GHz ~ 6GHz	4.08

B. Other Measurement test:

Test Item	Uncertainty
Bandwidth	0.90 %
Temperature	0.8 °C
Humidity	2.2 %

Note: Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

2.3 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By	Test Date
Radiated Emissions- 9kHz to 30 MHz	23°C	53%	DC 3V	Hayden Chen	Jun. 29, 2024
Radiated Emissions- 30MHz to 1000MHz	25°C	60%	DC 3V	Allen Tong Chen Mo	Jul. 03, 2024- Jul. 09, 2024
Radiated Emissions- Above 1000MHz	25°C	60%	DC 3V	Allen Tong	Jul. 03, 2024
20 dB Spectrum Bandwidth	19-21°C	50-53%	DC 3V	Arvin Tong	Jul. 01, 2024- Jul. 03, 2024
Timing Testing	19-22°C	50-55%	DC 3V	Arvin Tong	Jul. 01, 2024- Aug. 01, 2024



3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	2-IN-1 WIRELESS THERMOMETER AND PH READER
Brand Name	Mainstays
Test Model	FL1058
Series Model	N/A
Model Difference(s)	N/A
Software Version	FL1058TX-PCB_V2
Hardware Version	FL1058TX-PCB_V2
Power Source	Battery supplied.
Power Rating	DC 3.0V/20mA
Operation Frequency	433.92MHz
Modulation Type	ASK
Field Strength	79.17dBµV/m

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

2. Channel List:

EUT Test Channel	Test Frequency (MHz)
CH01	433.92

3. Table for Filed Antenna:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	Shenzhen Longdazhi Technology Co., LTD	N/A	Helical	N/A	2



3.2 DESCRIPTION OF TEST MODES

The test system was pre-tested based on the consideration of all possible combinations of EUT operation mode.

Pretest Mode	Description
Mode 1	TX Mode_433.92MHz

Following mode(s) was (were) found to be the worst case(s) and selected for the final test.

Radiated Emissions test - Below 1GHz		
Final Test Mode	Description	
Mode 1	TX Mode_433.92MHz	

Radiated Emissions test - Above 1GHz		
Final Test Mode	Description	
Mode 1	TX Mode_433.92MHz	

Conducted test			
Final Test Mode	Description		
Mode 1	TX Mode_433.92MHz		



3.3 DUTY CYCLE

Test Frequency	On Time	Total Time	Duty Cycle
(MHz)	(ms)	(ms)	(%)
433.92	30.3	100	30.3

Average Reading = Peak Reading (dBuV/m) + 20log (Duty cycle)

Average Reading = Peak+20*log (Duty Cycle) = Peak-10.37



Date: 1.JUL.2024 20:26:06



Date: 1.JUL.2024 20:26:22

BIL



Date: 1.AUG.2024 17:10:52



3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

EUT	

3.5 SUPPORT UNITS

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.
-	-	-	-	-

Item	Cable Type	Shielded Type	Ferrite Core	Length
-	-	-	-	-

3.6 CUSTOMER INFORMATION DESCRIPTION

- 1) The antenna gain is provided by the manufacturer.
- 2) Except for AC power line conducted emissions and radiated emissions, the results of all test items include cable losses. Part of the cable losses (1dB) are provided by the manufacturer, while the other parts of the cable losses are provided by the testing laboratory.



4. AC POWER LINE CONDUCTED EMISSIONS

4.1 LIMIT

Frequency of Emission (MHz)	Limit (dBµV)		
Frequency of Emission (Minz)	Quasi-peak	Average	
0.15 - 0.5	66 to 56*	56 to 46*	
0.5 - 5.0	56	46	
5.0 - 30.0	60	50	

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

4.2 TEST PROCEDURE

- a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipment powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item -EUT Test Photos.

The following table is the setting of the receiver:

Receiver Parameters	Setting
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

4.3 DEVIATION FROM TEST STANDARD

No deviation.



4.4 TEST SETUP



4.5 EUT OPERATING CONDITIONS

EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULTS

Please refer to the APPENDIX A.



5. RADIATED EMISSION

5.1 LIMIT

Frequency Band (MHz)	Fundamental Emissions Limit(µV/m) at 3m
40.66-40.70	1000
70-130	500
130-174	500-1500(Note1)
174-260	1500
260-470	1500-5000(Note1)
Above 470	5000

Frequency Band (MHz)	Spurious Emissions Limit(µV/m) at 3m (Note2)
40.66-40.70	100
70-130	50
130-174	50-150(Note1)
174-260	150
260-470	150-500(Note1)
Above 470	500

Note:

- 1) Linear interpolations, the formulas for calculating the maximum permitted fundamental field strengths are as follows:
 - a) For the band 130 174 MHz, μ V/m at 3 meters = 22.73×(operating frequency, MHz) 2454.55;
 - b) For the band 260 470 MHz, μV/m at 3 meters =16.67×(operating frequency, MHz) 2833.33.

So the field strength of emission limits has been calculated in below table.

Carrier Frequency (MHz)	Fundamental Emissions Limit(dBµV/m) at 3m		
433.92 MHz	72.87 (Average)		
433.92 MHz	92.87 (Peak)		

2) The limits on the field strength of the spurious emissions in the above table are based on the fundamental frequency of the intentional radiator. Spurious emissions shall be attenuated to the average (or, alternatively, CISPR quasi-peak) limits shown in this table or to the general limits shown in 15.209, whichever limit permits a higher field strength.



In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

LIMITS OF RADIATED EMISSION MEASUREMENT (9 kHz-1000 MHz)

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

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000 MHz)

Frequency (MHz)	(dBuV/m at 3 m)		
	Peak	Average	
Above 1000	74	54	

NOTE:

- (1) The limit for radiated test was performed according to FCC CFR Title 47, Part 15, Subpart C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

5.2 TEST PROCEDURE

- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1 GHz)
- b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1 GHz)
- c. The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. 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 find the maximum reading (used Bore sight function).
- e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz.
- f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform. (below 1 GHz)
- All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform. (above 1 GHz)
- i. For the actual test configuration, please refer to the related Item -EUT Test Photos.



The following table is the setting of the receive	er:		
Spectrum Parameters	Setting		
Start ~ Stop Frequency	9 kHz~150 kHz for RBW 200 Hz		
Start ~ Stop Frequency	0.15 MHz~30 MHz for RBW 9 kHz		
Start ~ Stop Frequency	30 MHz~1000 MHz for RBW 100 kHz		
Receiver Parameter	Setting		
Attenuation	Auto		
Center Frequency	Fundamental Frequency		
RBW	120 kHz		
Detector	Peak / Average		
Spectrum Parameters	Setting		
Start Frequency	1000 MHz		
Stop Frequency	10th carrier harmonic		
RBW / VBW	1MHz (1MHz for Dook A) (Mode with Dwell time		
(Emission in restricted band)	TMHZ / TMHZ TOF Peak, AV Mode with Dwell time		
Receiver Parameters	Setting		
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector		
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector		
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector		
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector		
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector		
Start ~ Stop Frequency	1 GHz~6 GHz for PK/AVG detector		

431.920 MHz~435.92 MHz for PK/AVG detector

5.3 DEVIATION FROM TEST STANDARD

Start ~ Stop Frequency

No deviation.



5.4 TEST SETUP

9 kHz to 30 MHz



30 MHz to 1 GHz





3TL

Above 1 GHz



5.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULTS - 9 KHZ TO 30 MHZ

Please refer to the APPENDIX B.

Remark:

- (1) Distance extrapolation factor = 40 log (specific distance / test distance) (dB).
- (2) Limit line = specific limits (dBuV) + distance extrapolation factor.

5.7 TEST RESULTS - 30 MHZ TO 1000 MHZ

Please refer to the APPENDIX C.

5.8 TEST RESULTS - ABOVE 1000 MHZ

Please refer to the APPENDIX D.



6. 20 DB SPECTRUM BANDWIDTH MEASUREMENT

6.1 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.

6.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- b. The following table is the setting of the spectrum analyzer:

Spectrum Parameters	Setting
Span Frequency	> 20dB Bandwidth
RBW	10 kHz
VBW	10 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

6.3 DEVIATION FROM STANDARD

No deviation.

6.4 TEST SETUP



6.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULTS

Please refer to the APPENDIX E.



7. TIMING TESTING

7.1 LIMIT

Devices operated under the provisions of this paragraph shall be provided with a means for automatically limiting operation so that the duration of each transmission shall not be greater than one second and the silent period between transmissions shall be at least 30 times the duration of the transmission but in no case less than 10 seconds.

7.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- b. The following table is the setting of the spectrum analyzer:

Spectrum Parameters	Setting		
Span Frequency	Zero Span		
RBW	1 MHz		
VBW	1 MHz		
Detector	Peak		
Trace	Max Hold		
Sweep Time	On Time: 50s Off Time: 50s		

7.3 DEVIATION FROM STANDARD

No deviation.

7.4 TEST SETUP



7.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULTS

Please refer to the APPENDIX F.



8. MEASUREMENT INSTRUMENTS LIST

	Radiated Emissions - 9 kHz to 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until	
1	Active Loop Antenna	Schwarzbeck	FMZB 1513-60B	1513-60 B-034	Mar. 30, 2025	
2	MXE EMI Receiver	Keysight	N9038A	MY56400091	Dec. 22, 2024	
3	Cable	N/A	RW2350-3.8A-NMB M-1.5M	N/A	Jun. 09, 2025	
4	Cable	N/A	RG 213/U	N/A	Jun. 09, 2025	
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A	
6	966 Chamber room	ETS	9*6*6	N/A	Jul. 11, 2024	
7	WPT coil	N/A	100KHz-300KHz	N/A	N/A	

	Radiated Emissions - 30 MHz to 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until	
1	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	1462	Dec. 13, 2024	
2	Attenuator	EMC INSTRUMENT	EMCI-N-6-06	AT-06009	Dec. 13, 2024	
3	Preamplifier	EMC INSTRUMENT	EMC001330	980863	Apr. 07, 2025	
4	Cable	RegalWay	LMR400-NMNM-12 .5m	N/A	Jun. 06, 2025	
5	Cable	RegalWay	LMR400-NMNM-3 m	N/A	Jun. 06, 2025	
6	Cable	RegalWay	LMR400-NMNM-0. 5m	N/A	Jun. 06, 2025	
7	Receiver	Agilent	N9038A	MY52130039	Dec. 22, 2024	
8	Positioning Controller	MF	MF-7802	N/A	N/A	
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A	
10	966 Chamber room	СМ	9*6*6	N/A	May 16, 2025	

	Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until	
1	Receiver	Agilent	N9038A	MY52130039	Dec. 22, 2024	
2	Preamplifier	EMC INSTRUMENT	EMC118A45SE	980888	Nov. 17, 2024	
3	Double Ridged Guide Antenna	ETS	3115	75789	Jun. 15, 2025	
4	Cable	RegalWay	RWLP50-4.0A-SMS M-12.5M	N/A	Feb. 19, 2025	
5	Cable	RegalWay	RWLP50-4.0A-NM RASM-2.5M	N/A	Aug. 08, 2024	
6	Cable	RegalWay	RWLP50-4.0A-NM RASMRA-0.8M	N/A	Aug. 08, 2024	
7	966 Chamber room	CM	9*6*6	N/A	May 19, 2025	
8	Filter	COM-MW	ZHPF-M1-13G-W1 02	N/A	May 31, 2025	
9	Positioning Controller	MF	MF-7802	N/A	N/A	
10	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A	



	20 dB Spectrum Bandwidth & Timing Testing							
Item	Kind of Equipment Manufacturer Type No. Serial No. Calibrated until							
1	1 Spectrum Analyzer R&S FSP40 100185 May 31, 202							
2	2 Attenuator Talent Microwave TA10A0-S-26.5 N/A N/A							
3	DC Block	N/A	N/A	N/A	N/A			

Remark "N/A" denotes no model name, serial no. or calibration specified. All calibration period of equipment list is one year.



9. EUT TEST PHOTO

Radiated Emissions Test Photos

9 kHz to 30 MHz



















APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

Test Mode: N/A

Note: "N/A" denotes test is not applicable to this device.



APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ





No. Mk.	Freq.	Level	Factor	ment	Limit	Margin		
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	0.0137	57.31	20.61	77.92	124.87	-46.95	AVG	
2	0.0316	49.63	21.11	70.74	117.61	-46.87	AVG	
3 *	0.0537	45.69	21.21	66.90	113.01	-46.11	AVG	

- Measurement Value = Reading Level + Correct Factor.
 Margin Level = Measurement Value Limit Value.





No. Mk.	Freq.	Level	Factor	ment	Limit	Margin		
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	0.3446	41.29	21.05	62.34	96.86	-34.52	AVG	
2 *	1.7620	22.58	21.12	43.70	69.54	-25.84	QP	
3	2.6573	18.47	21.12	39.59	69.54	-29.95	QP	

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.





3 *

0.0617

(1) Measurement Value = Reading Level + Correct Factor.

21.24

66.60

111.80

-45.20

AVG

(2) Margin Level = Measurement Value - Limit Value.

45.36





- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ





- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.
- (3) About the duty cycle correction factor calculated, please refer to the Section 3.3.





- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.
- (3) About the duty cycle correction factor calculated, please refer to the Section 3.3.





2	434.0050	37.51	-7.01	30.50	46.00	-15.50	peak	
3	487.8400	37.24	-6.02	31.22	46.00	-14.78	peak	
4	747.8000	37.10	-0.98	36.12	46.00	-9.88	peak	
5	786.6000	37.42	-1.09	36.33	46.00	-9.67	peak	
6*	930.1600	37.77	0.51	38.28	46.00	-7.72	peak	

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.





- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



APPENDIX D - RADIATED EMISSION- ABOVE 1000 MHZ





- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.





- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



APPENDIX E - 20 DB SPECTRUM BANDWIDTH





Date: 1.JUL.2024 20:24:13



APPENDIX F - TIMING TESTING



Test Mode	TX Mode_433.92MHz

Frequency	On Time	Limit
(MHz)	(Sec)	(Sec)
433.92	0.90	<1

Frequency	Off Time	Limit
(MHz)	(Sec)	(Sec)
433.92	29.10	>10

Frequency	On Time*30	Limit
(MHz)	(Sec)	(Sec)
433.92	27.00	29.10



Date: 3.JUL.2024 11:35:50



Date: 3.JUL.2024 11:36:39

End of Test Report