

Test Report

Report No.:	MTi240430007-01E2			
Date of issue:	2024-05-29			
Applicant:	Zhuhai Quin Technology Co., Ltd.			
Product:	Multifunctional Portable Label Maker			
Model(s):	M220, M220 Pro, M333, M333 Pro, M324, M324 Pro, M325, M325 Pro, M200, M200 Pro, M330, M330 Pro, M208, M208 Pro, M331, M331 Pro, M209, M209 Pro, M332, M332 Pro, M221, M221 Pro, M334, M334 Pro, M321, M321 Pro, M335, M335 Pro, M322, M322 Pro, M336, M336 Pro, M326, M326 Pro, M327, M327 Pro, M250, M323, M323 Pro, M337, M337 Pro, M260			
FCC ID:	2ASRB-3INCH			

Shenzhen Microtest Co., Ltd.

http://www.mtitest.cn

The test report is only used for customer scientific research, teaching, internal quality control and other purposes, and is for internal reference only.





Instructions

- 1. This test report shall not be partially reproduced without the written consent of the laboratory.
- 2. The test results in this test report are only responsible for the samples submitted
- 3. This test report is invalid without the seal and signature of the laboratory.
- 4. This test report is invalid if transferred, altered, or tampered with in any form without authorization.
- 5. Any objection to this test report shall be submitted to the laboratory within 15 days from the date of receipt of the report.



Table of contents

1	Gene	ral Description	5
	1.1 1.2 1.3 1.4 1.5	Description of the EUT Description of test modes Environmental Conditions Description of support units Measurement uncertainty	5 7 7
2	Sumr	nary of Test Result	8
3	Test I	Facilities and accreditations	9
	3.1	Test laboratory	9
4	List o	of test equipment	10
5	Evalu	ation Results (Evaluation)	11
	5.1	Antenna requirement	11
6	Radio	o Spectrum Matter Test Results (RF)	12
	6.1 6.2 6.3 6.4 6.5 6.6 6.7 6.8	Conducted Emission at AC power line Occupied Bandwidth Maximum Conducted Output Power Power Spectral Density RF conducted spurious emissions and band edge measurement Band edge emissions (Radiated) Radiated emissions (below 1GHz) Radiated emissions (above 1GHz)	23 25 26 27 28 31
Pho	otogra	phs of the test setup	42
	•	phs of the EUT A: DTS Bandwidth	
Ар	oendix	د B: Maximum conducted output power	47
		c C: Maximum power spectral density	
		C D: Band edge measurements	
		c E: Conducted Spurious Emission	
		د F: Duty Cycle	



Test Result Certification				
Applicant:	Zhuhai Quin Technology Co., Ltd.			
Address:	ROOM 103-029(CENTRALIZED OFFICE AREA), 1F, BUILDING 1, NO. 18 FUTIAN ROAD, XIANGZHOU DISTRICT, ZHUHAI CITY, CHINA			
Manufacturer:	Zhuhai Quin Technology Co., Ltd.			
Address:	ROOM 103-029(CENTRALIZED OFFICE AREA), 1F, BUILDING 1, NO. 18 FUTIAN ROAD, XIANGZHOU DISTRICT, ZHUHAI CITY, CHINA			
Product description				
Product name:	Multifunctional Portable Label Maker			
Trade mark:	N/A			
Model name:	M220			
Series Model(s):	M220 Pro, M333, M333 Pro, M324, M324 Pro, M325, M325 Pro, M200, M200 Pro, M330, M330 Pro, M208, M208 Pro, M331, M331 Pro, M209, M209 Pro, M332, M332 Pro, M221, M221 Pro, M334, M334 Pro, M321, M321 Pro, M335, M335 Pro, M322, M322 Pro, M336, M336 Pro, M326, M326 Pro, M327, M327 Pro, M250, M323, M323 Pro, M337, M337 Pro, M260			
Standards:	47 CFR Part 15.247			
Test Method:	KDB 558074 D01 15.247 Meas Guidance v05r02 ANSI C63.10-2020			
Date of Test				
Date of test:	2024-05-23 to 2024-05-27			
Test result:	Pass			

Test Engineer	••	Letter. Jan.
	(Letter Lan)	
Reviewed By	••	Dowid. Cee
		(David Lee)
Approved By	:	leon chen
		(Leon Chen)



1 General Description

1.1 Description of the EUT

M220 M220 Pro, M333, M333 Pro, M324, M324 Pro, M325, M325 Pro, M200, M200 Pro, M330, M330 Pro, M208, M208 Pro, M331, M331 Pro, M209, M209 Pro, M332, M332 Pro, M221, M221 Pro, M334, M334 Pro, M321, M321 Pro, M335, M335 Pro, M322, M322 Pro, M336, M336 Pro, M326, M326 Pro, M327, M327 Pro, M250, M323, M323 Pro, M337, M337 Pro, M260 All the models are the same circuit and module, except the model name appearance and color.
Pro, M330, M330 Pro, M208, M208 Pro, M331, M331 Pro, M209, M209 Pro, M332, M332 Pro, M221, M221 Pro, M334, M334 Pro, M321, M321 Pro, M335, M335 Pro, M322, M322 Pro, M336, M336 Pro, M326, M326 Pro, M327, M327 Pro, M250, M323, M323 Pro, M337, M337 Pro, M260 All the models are the same circuit and module, except the model name
Input: 5VDC 2A Battery: 7.4VDC 2200mAh
Cable: USB-A to Type-c cable 0.6m
Q198_A
2.0.5
MTi240430007-01S1001(RF Conducted test) (Model: M220) MTi240430007-01S2001(Radiated test) (Model: M220) MTi240430007-02S1001(AC Conducted test+ Radiated test (30- 1000MHz) (Model: M200) MTi240430007-02S2001(AC Conducted test+ Radiated test (30- 1000MHz) (Model: M221) MTi240430007-02S3001(AC Conducted test+ Radiated test (30- 1000MHz) (Model: M260) MTi240430007-02S4001(AC Conducted test+ Radiated test (30- 1000MHz) (Model: M250) MTi240430007-02S5001(AC Conducted test) (Model: M220)
V5.3
2402MHz to 2480MHz
40
GFSK
PCB
-0.58dBi

1.2 Description of test modes

No.	Emission test modes	
Mode1	TX mode(GFSK-1M)	
Mode2	TX mode(GFSK-2M)	

1.2.1 Operation channel list

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	10	2422	20	2442	30	2462



Page 6 of 64

Report No.: MTi240430007-01E2

1	2404	11	2424	21	2444	31	2464
2	2406	12	2426	22	2446	32	2466
3	2408	13	2428	23	2448	33	2468
4	2410	14	2430	24	2450	34	2470
5	2412	15	2432	25	2452	35	2472
6	2414	16	2434	26	2454	36	2474
7	2416	17	2436	27	2456	37	2476
8	2418	18	2438	28	2458	38	2478
9	2420	19	2440	29	2460	39	2480

Test Channel List

Operation Band: 2400-2483.5 MHz

		Middle Channel (MCH)	Highest Channel (HCH)	
(MHz)	(MHz)	(MHz)	(MHz)	
2	2402	2440	2480	

Note: The test software provided by manufacturer is used to control EUT for working in engineering mode, that enables selectable channel, and capable of continuous transmitting mode.

Test Software: FCC Assist 1.0.2.2

For power setting, refer to below table.

Mode	2402MHz	2440MHz	2480MHz
1M	default	default	default
2M	default	default	default



1.3 Environmental Conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature:	15°C ~ 35°C
Humidity:	20% RH ~ 75% RH
Atmospheric pressure:	98 kPa ~ 101 kPa

1.4 Description of support units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Support equipment list							
Description Model Serial No. Manufacturer							
MI CHARGE(33W) MDY-11-EX SA623116200029J MI							
Support cable list							
Description	Length (m)	From	То				
/	1	1	/				

1.5 Measurement uncertainty

Measurement	Uncertainty
Conducted emissions (AMN 150kHz~30MHz)	±3.1dB
Occupied channel bandwidth	±3 %
RF output power, conducted	±1 dB
Power Spectral Density, conducted	±1 dB
Unwanted Emissions, conducted	±1 dB
Radiated spurious emissions (above 1GHz)	±5.3dB
Radiated spurious emissions (9kHz~30MHz)	±4.3dB
Radiated spurious emissions (30MHz~1GHz)	±4.7dB
Temperature	±1 °C
Humidity	± 5 %

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.





2 Summary of Test Result

No.	Item	Standard	Requirement	Result
1	Antenna requirement	47 CFR Part 15.247	47 CFR 15.203	Pass
2	Conducted Emission at AC power line	47 CFR Part 15.247	47 CFR 15.207(a)	Pass
3	Occupied Bandwidth	47 CFR Part 15.247	47 CFR 15.247(a)(2)	Pass
4	Maximum Conducted Output Power	47 CFR Part 15.247	47 CFR 15.247(b)(3)	Pass
5	Power Spectral Density	47 CFR Part 15.247	47 CFR 15.247(e)	Pass
6	RF conducted spurious emissions and band edge measurement	47 CFR Part 15.247	47 CFR 15.247(d), 15.209, 15.205	Pass
7	Band edge emissions (Radiated)	47 CFR Part 15.247	47 CFR 15.247(d), 15.209, 15.205	Pass
8	Radiated emissions (below 1GHz)	47 CFR Part 15.247	47 CFR 15.247(d), 15.209, 15.205	Pass
9	Radiated emissions (above 1GHz)	47 CFR Part 15.247	47 CFR 15.247(d), 15.209, 15.205	Pass



3 Test Facilities and accreditations

3.1 Test laboratory

Test laboratory:	Shenzhen Microtest Co., Ltd.				
Test site location:	101, No.7, Zone 2, Xinxing Industrial Park, Fuhai Avenue, Xinhe Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China				
Telephone:	(86-755)88850135				
Fax:	(86-755)88850136				
CNAS Registration No.:	CNAS L5868				
FCC Registration No.:	448573				
IC Registration No.:	21760				
CABID:	CN0093				



4 List of test equipment

No.	Equipment	Manufacturer	Model	Serial No.	Cal. date	Cal. Due	
	Conducted Emission at AC power line						
1	EMI Test Receiver	Rohde&schwarz	ESCI3	101368	2024-03-20	2025-03-19	
2	Artificial mains network	Schwarzbeck	NSLK 8127	183	2024-03-21	2025-03-20	
3	Artificial Mains Network	Rohde & Schwarz	ESH2-Z5	100263	2024-03-20	2025-03-19	
		Maximum Co	pied Bandwidth nducted Output Spectral Density -restricted freque	/			
1	Wideband Radio Communication Tester	Rohde&schwarz	CMW500	149155	2024-03-20	2025-03-19	
2	ESG Series Analog Ssignal Generator	Agilent	E4421B	GB40051240	2024-03-21	2025-03-20	
3	PXA Signal Analyzer	Agilent	N9030A	MY51350296	2024-03-21	2025-03-20	
4	Synthesized Sweeper	Agilent	83752A	3610A01957	2024-03-21	2025-03-20	
5	MXA Signal Analyzer	Agilent	N9020A	MY50143483	2024-03-21	2025-03-20	
6	RF Control Unit	Tonscend	JS0806-1	19D8060152	2024-03-21	2025-03-20	
7	Band Reject Filter Group	Tonscend	JS0806-F	19D8060160	2024-03-21	2025-03-20	
8	ESG Vector Signal Generator	Agilent	N5182A	MY50143762	2024-03-20	2025-03-19	
9	DC Power Supply	Agilent	E3632A	MY40027695	2024-03-21	2025-03-20	
		Emissions in frequ Band edge	uency bands (ab emissions (Radi				
1	EMI Test Receiver	Rohde&schwarz	ESCI7	101166	2024-03-20	2025-03-19	
2	Double Ridged Broadband Horn Antenna	schwarabeck	BBHA 9120 D	2278	2023-06-17	2025-06-16	
3	Amplifier	Agilent	8449B	3008A01120	2024-03-20	2025-03-19	
4	MXA signal analyzer	Agilent	N9020A	MY54440859	2024-03-21	2025-03-20	
5	PXA Signal Analyzer	Agilent	N9030A	MY51350296	2024-03-21	2025-03-20	
6	Horn antenna	Schwarzbeck	BBHA 9170	00987	2023-06-17	2025-06-16	
7	Pre-amplifier	Space-Dtronics	EWLAN1840 G	210405001	2024-03-21	2025-03-20	
	·	Emissions in freq	uency bands (be	low 1GHz)			
1	EMI Test Receiver	Rohde&schwarz	ESCI7	101166	2024-03-20	2025-03-19	
2	TRILOG Broadband Antenna	schwarabeck	VULB 9163	9163-1338	2023-06-11	2025-06-10	
3	Active Loop Antenna	Schwarzbeck	FMZB 1519 B	00066	2024-03-23	2025-03-22	
4	Amplifier	Hewlett-Packard	8447F	3113A06184	2024-03-20	2025-03-19	



5 Evaluation Results (Evaluation)

5.1 Antenna requirement

Test Requirement:	Refer to 47 CFR Part 15.203, 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 shall be
	considered sufficient to comply with the provisions of this section.

5.1.1 Conclusion:

The antenna of the EUT is permanently attached. The EUT complies with the requirement of FCC PART 15.203.



6 Radio Spectrum Matter Test Results (RF)

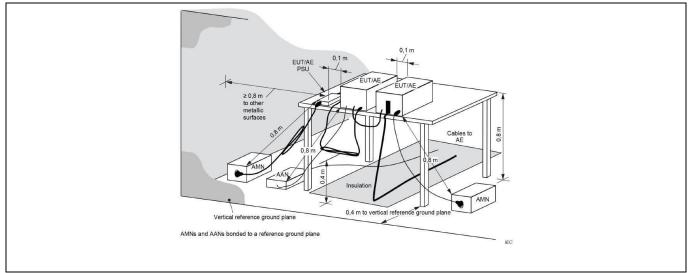
6.1 Conducted Emission at AC power line

Test Requirement:	Refer to 47 CFR 15.207(a), Exce section, for an intentional radiato public utility (AC) power line, the back onto the AC power line on a 150 kHz to 30 MHz, shall not exc measured using a 50 µH/50 ohm (LISN).	r that is designed to be radio frequency voltag any frequency or frequ ceed the limits in the fo	e connected to the ge that is conducted encies, within the ba blowing table, as	
Test Limit:	Frequency of emission (MHz)	Conducted limit (dB)	JV)	
		Quasi-peak	Average	
	0.15-0.5	66 to 56*	56 to 46*	
	0.5-5	56	46	
	5-30	60	50	
	*Decreases with the logarithm of	the frequency.		
Test Method:	ANSI C63.10-2020 section 6.2			
Procedure:	Refer to ANSI C63.10-2020 sect line conducted emissions from u			·_

6.1.1 E.U.T. Operation:

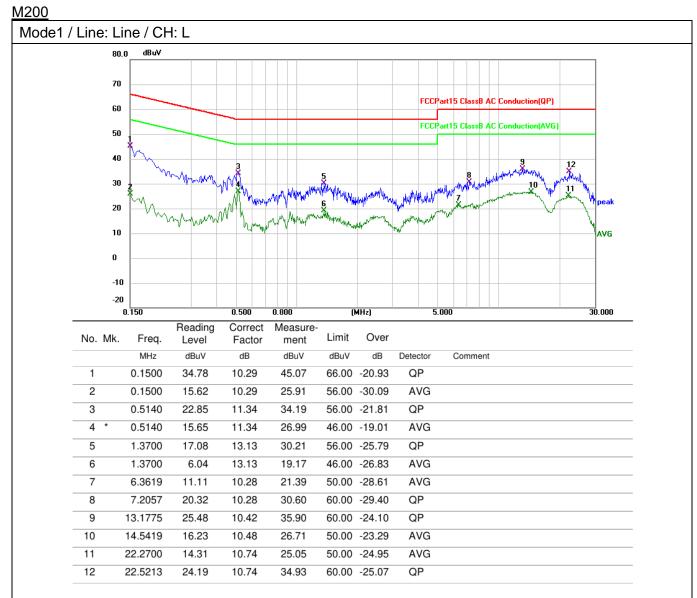
Operating Environment:						
Temperature:	15.5 °C		Humidity:	38.4 %	Atmospheric Pressure:	99 kPa
Pre test mode:	Mode	e1, Mode2				
Final test mode			re-test mode w ded in the repo	ere tested, only the data or rt	of the worst mode	

6.1.2 Test Setup Diagram:

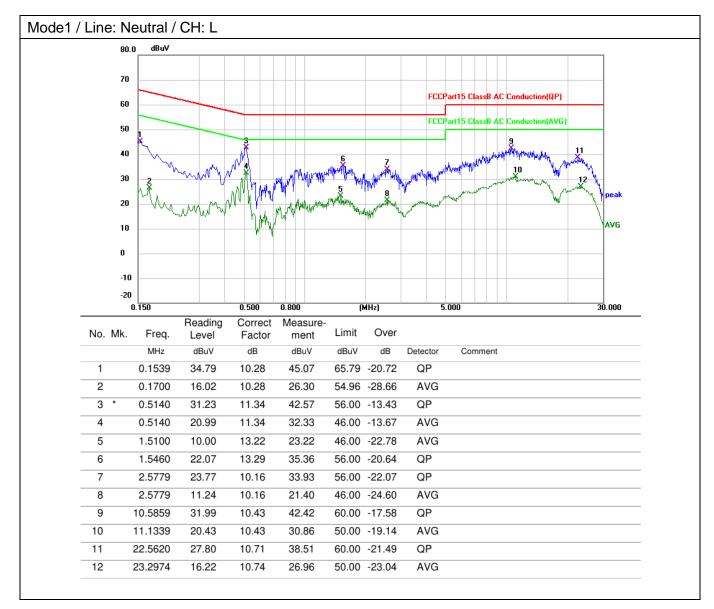




6.1.3 Test Data:

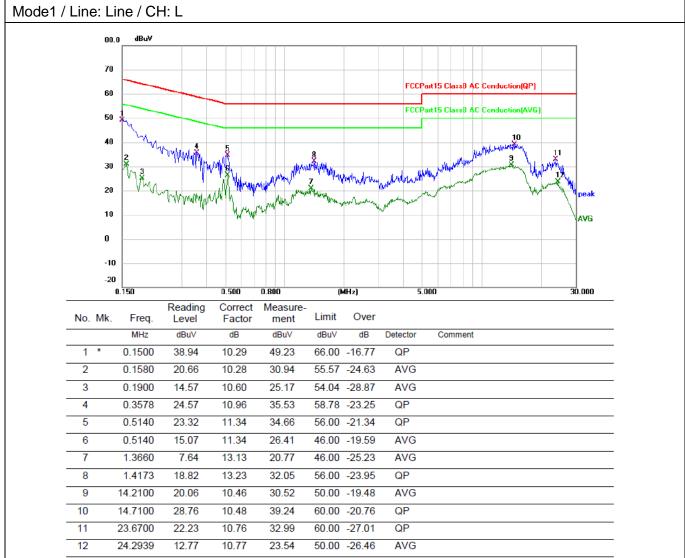




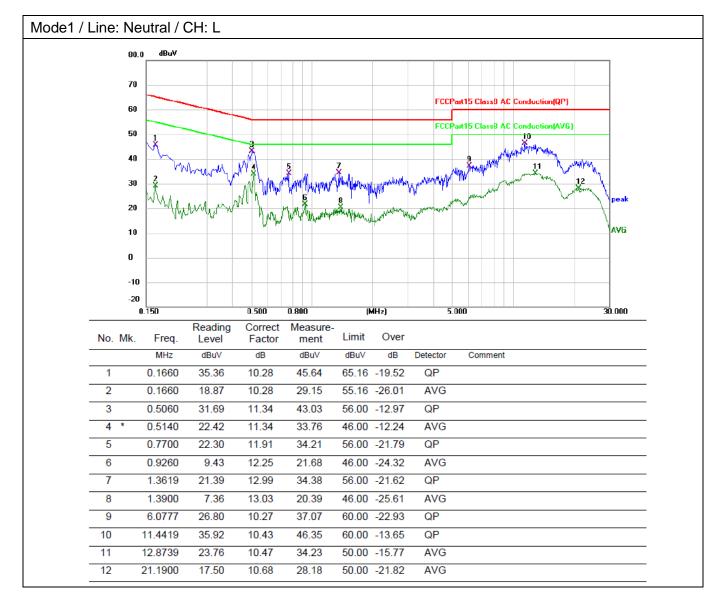




<u>M220</u>

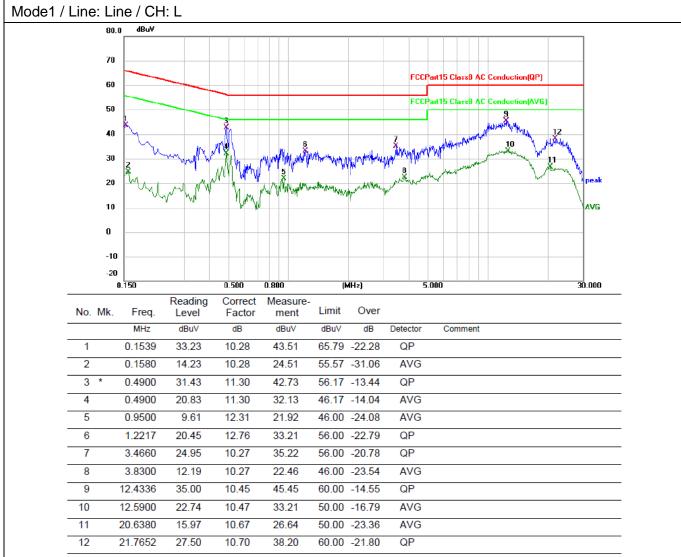




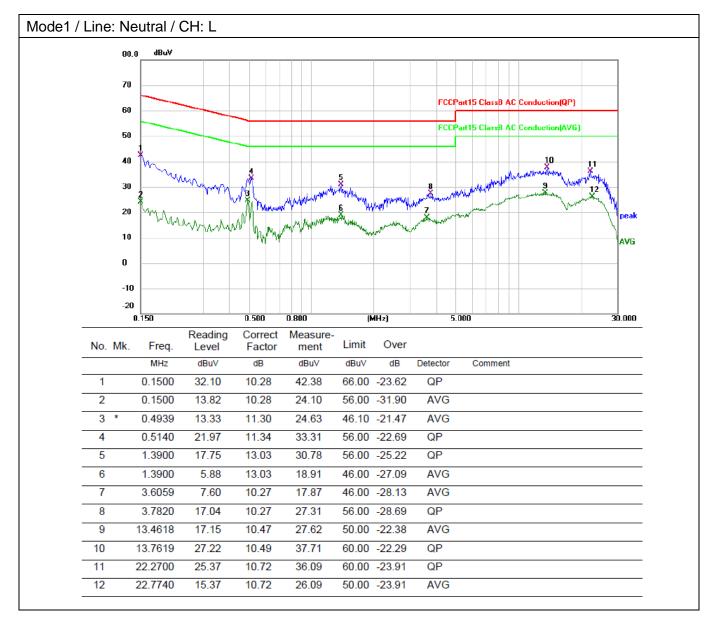




<u>M221</u>

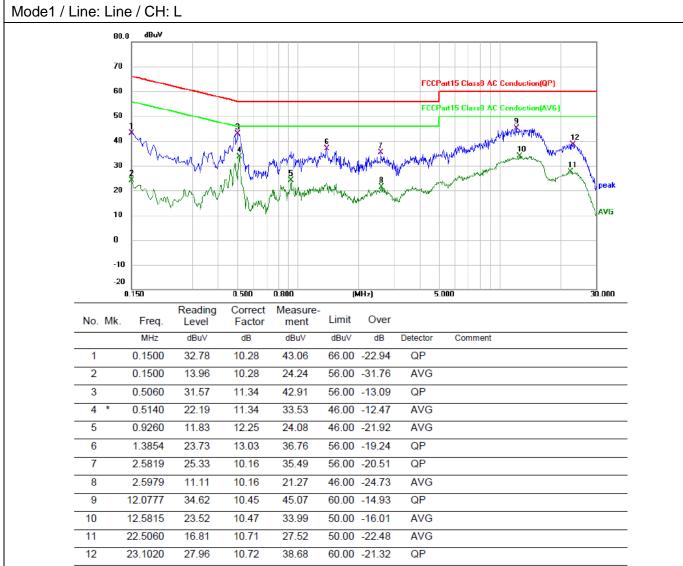




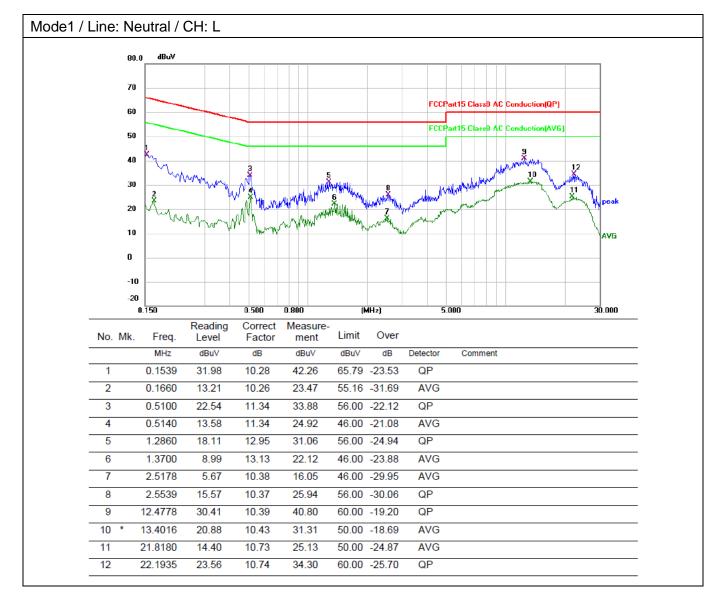




<u>M250</u>

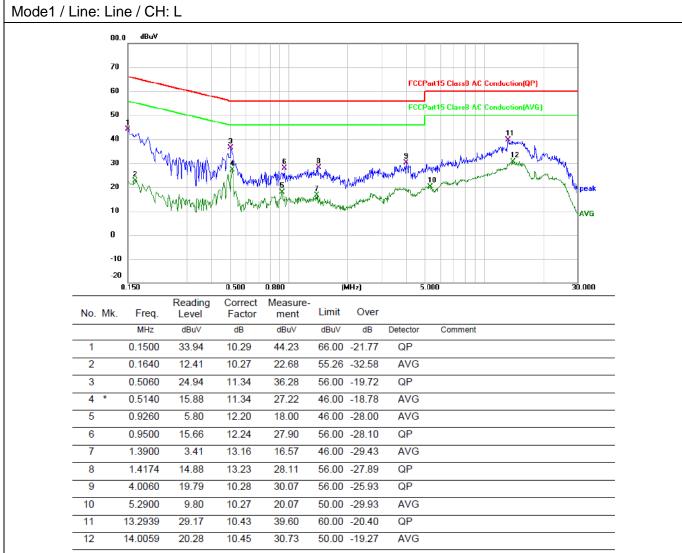




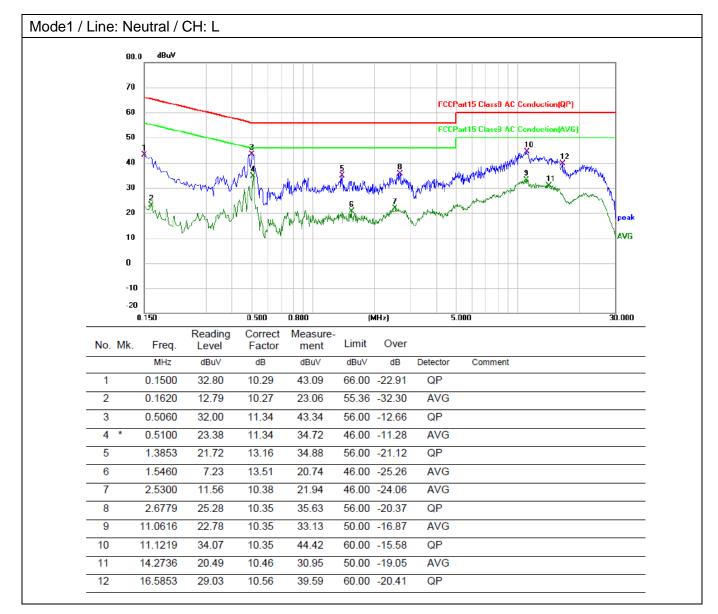




<u>M260</u>









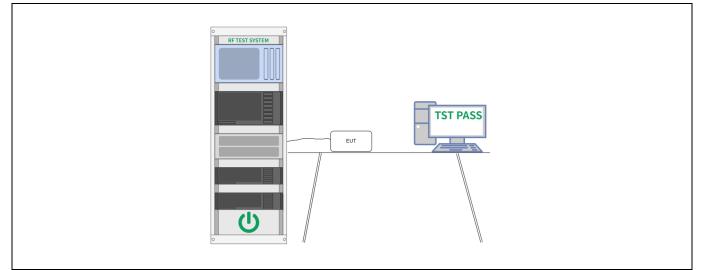
6.2 Occupied Bandwidth

Test Requirement:	47 CFR 15.247(a)(2)
Test Limit:	Refer to 47 CFR 15.247(a)(2), Systems using digital modulation techniques may operate in the 902-928 MHz, and 2400-2483.5 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.
Test Method:	ANSI C63.10-2020, section 11.8 KDB 558074 D01 15.247 Meas Guidance v05r02
Procedure:	 11.8.1 Option 1 The steps for the first option are as follows: a) Set RBW = shall be in the range of 1% to 5% of the OBW but not less than 100 kHz. b) Set the VBW ≥ [3 × RBW]. c) Detector = peak. d) Trace mode = max-hold. e) Sweep = No faster than coupled (auto) time. f) Allow the trace to stabilize. g) Measure the maximum width of the emission by placing two markers, one at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the "-6 dB down amplitude". If a marker is below this "-6 dB down amplitude" value, then it shall be as close as possible to this value. 11.8.2 Option 2 The automatic bandwidth measurement capability of an instrument may be employed using the X dB bandwidth mode with X set to 6 dB, if the functionality described in 11.8.1 (i.e., RBW = 100 kHz, VBW ≥ 3 × RBW, and peak detector with maximum hold) is implemented by the instrumentation function. When using this capability, care shall be taken so that the bandwidth measurement is not influenced by any intermediate power nulls in the fundamental emission that might be ≥ 6 dB.

6.2.1 E.U.T. Operation:

Operating Envi	Operating Environment:					
Temperature:	26 °C		Humidity:	56 %	Atmospheric Pressure:	100 kPa
Pre test mode:		Mode	e1, Mode2			
Final test mode: Mod		Mode	e1, Mode2			

6.2.2 Test Setup Diagram:





Page 24 of 64

6.2.3 Test Data:



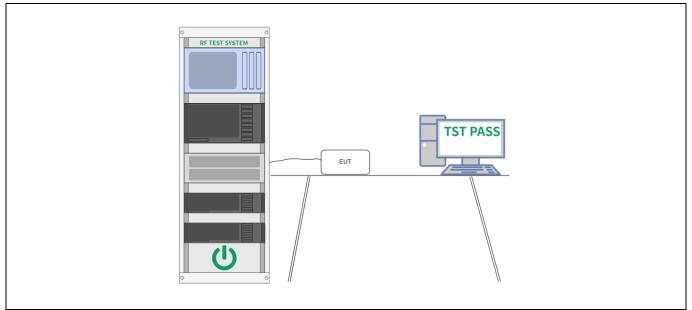
6.3 Maximum Conducted Output Power

Test Requirement:	47 CFR 15.247(b)(3)
Test Limit:	Refer to 47 CFR 15.247(b)(3), For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.
Test Method:	ANSI C63.10-2020 section 11.9.1 KDB 558074 D01 15.247 Meas Guidance v05r02
Procedure:	ANSI C63.10-2020, section 11.9.1 Maximum peak conducted output power

6.3.1 E.U.T. Operation:

Operating Environment:						
Temperature:	26 °C		Humidity:	56 %	Atmospheric Pressure:	100 kPa
Pre test mode:		Mode	e1, Mode2			
Final test mode: M		Mode	e1, Mode2			

6.3.2 Test Setup Diagram:



6.3.3 Test Data:



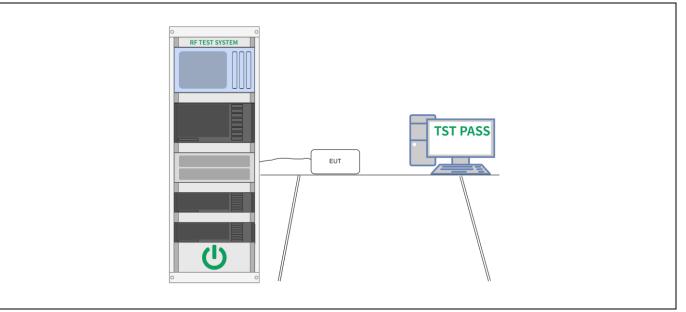
6.4 Power Spectral Density

Test Requirement:	47 CFR 15.247(e)
Test Limit:	Refer to 47 CFR 15.247(e), For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.
Test Method:	ANSI C63.10-2020, section 11.10 KDB 558074 D01 15.247 Meas Guidance v05r02
Procedure:	ANSI C63.10-2020, section 11.10, Maximum power spectral density level in the fundamental emission

6.4.1 E.U.T. Operation:

Operating Environment:								
Temperature:	26 °C		Humidity:	56 %	Atmospheric Pressure:	100 kPa		
Pre test mode:		Mode	e1, Mode2					
Final test mode:		Mode	e1, Mode2					

6.4.2 Test Setup Diagram:



6.4.3 Test Data:



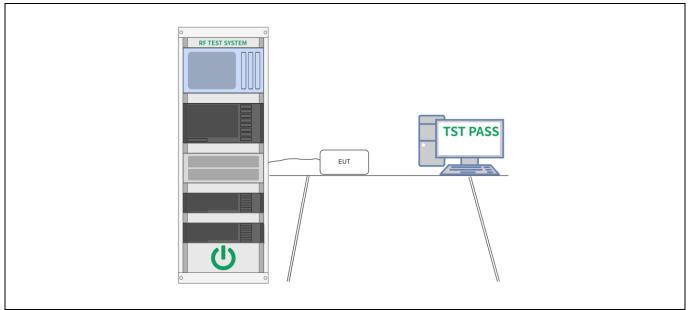
6.5 RF conducted spurious emissions and band edge measurement

Test Requirement:	47 CFR 15.247(d), 15.209, 15.205
Test Limit:	Refer to 47 CFR 15.247(d), In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in § 15.209(a) is not required.
Test Method:	ANSI C63.10-2020 section 11.11 KDB 558074 D01 15.247 Meas Guidance v05r02
Procedure:	ANSI C63.10-2020 Section 11.11.1, Section 11.11.2, Section 11.11.3

6.5.1 E.U.T. Operation:

Operating Environment:								
Temperature:	26 °C		Humidity:	56 %	Atmospheric Pressure:	100 kPa		
Pre test mode:		Mode	e1, Mode2					
Final test mode:		Mode	e1, Mode2					

6.5.2 Test Setup Diagram:



6.5.3 Test Data:



6.6 Band edge emissions (Radiated)

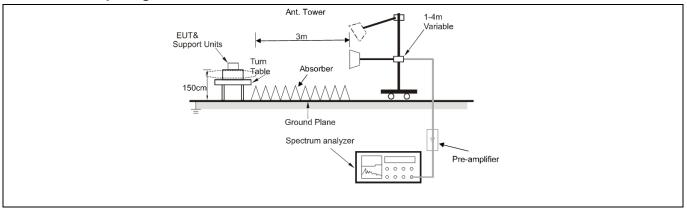
Test Requirement:	restricted bands, as de	Refer to 47 CFR 15.247(d), In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a)(see § 15.205(c)).` Frequency (MHz) Field strength						
Test Limit:	Frequency (MHz)	Field strength (microvolts/meter)	Measuremen t distance (meters)					
	0.009-0.490	2400/F(kHz)	300					
	0.490-1.705	24000/F(kHz)	30					
	1.705-30.0	30	30					
	30-88	100 **	3					
	88-216	150 **	3					
	216-960	200 **	3					
	Above 960	500	3					
	 ** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241. In the emission table above, the tighter limit applies at the band edges. The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector. 							
Test Method:	ANSI C63.10-2020 sec KDB 558074 D01 15.2	tion 6.10 47 Meas Guidance v05r02						
Procedure:	ANSI C63.10-2020 sec	tion 6.10.5.2						

6.6.1 E.U.T. Operation:

Operating Environment:							
Temperature: 24 °C	Humidity: 54 % Atmospheric Pressure: 101 kPa						
Pre test mode:	Mode1, Mode2						
Final test mode:	All of the listed pre-test mode were tested, only the data of the worst mode (Mode1) is recorded in the report						
Note:							

The amplitude of spurious emissions which are attenuated more than 20 dB below the limits are not reported.

6.6.2 Test Setup Diagram:





6.6.3 Test Data:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detecto
1		2310.000	51.21	-12.92	38.29	74.00	-35.71	peak
2		2310.000	41.66	-12.92	28.74	54.00	-25.26	AVG
3		2390.000	57.64	-12.49	45.15	74.00	-28.85	peak
4	*	2390.000	46.83	-12.49	34.34	54.00	-19.66	AVG

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		2310.000	51.55	-12.92	38.63	74.00	-35.37	peak
2		2310.000	42.31	-12.92	29.39	54.00	-24.61	AVG
3		2390.000	54.41	-12.49	41.92	74.00	-32.08	peak
4	*	2390.000	45.12	-12.49	32.63	54.00	-21.37	AVG



Mode1 /	Polarizati	on: Horizonta	al / CH: H					
	No. Mł	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
	1	2483.500	60.45	-12.50	47.95	74.00	-26.05	peak
	2	2483.500	43.77	-12.50	31.27	54.00	-22.73	AVG
	3	2500.000	55.59	-12.41	43.18	74.00	-30.82	peak
	4 *	2500.000	45.35	-12.41	32.94	54.00	-21.06	AVG

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		2483.500	56.11	-12.50	43.61	74.00	-30.39	peak
2		2483.500	43.57	-12.50	31.07	54.00	-22.93	AVG
3		2500.000	53.79	-12.41	41.38	74.00	-32.62	peak
4	*	2500.000	43.88	-12.41	31.47	54.00	-22.53	AVG



6.7 Radiated emissions (below 1GHz)

Test Requirement:	restricted bands, as de	7(d), In addition, radiated em fined in § 15.205(a), must als s specified in § 15.209(a)(see	so comply with the				
Test Limit:	Frequency (MHz)	Field strength (microvolts/meter)	Measuremen t distance (meters)				
	0.009-0.490	2400/F(kHz)	300				
	0.490-1.705	24000/F(kHz)	30				
	1.705-30.0	30	30				
	30-88	100 **	3				
	88-216	150 **	3				
	216-960	200 **	3				
	Above 960	500	3				
	 ** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241. In the emission table above, the tighter limit applies at the band edges. The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector. 						
Test Method:	ANSI C63.10-2020 sec KDB 558074 D01 15.2	ction 6.6.4 47 Meas Guidance v05r02					
Procedure:	ANSI C63.10-2020 sec	ction 6.6.4					

6.7.1 E.U.T. Operation:

Operating Environment:							
Temperature:	24 °C		Humidity:	54 %	Atmospheric Pressure:	101 kPa	
Pre test mode:	Mode1, Mode2						
Final test mode	All of the listed pre-test mode were tested, only the data of the worst mode (Mode1) is recorded in the report						
Mater							

Note:

The amplitude of spurious emissions which are attenuated more than 20 dB below the limits are not reported.

All modes of operation of the EUT were investigated, and only the worst-case results are reported. There were no emissions found below 30MHz within 20dB of the limit.

6.7.2 Test Setup Diagram:

