



FCC 47 CFR PART 15 SUBPART C & INDUSTRY CANADA RSS-210

TEST REPORT

For

Tablet

Model No.: N722

Trade Name: Mio/MAGELLAN/NAVMAN/MiTAC

Issued to

Mitac Digital Technology Corporation 4F., No. 1, R&D Road 2, Hsinchu Science Park, Hsinchu 30076 Taiwan

Issued by

Compliance Certification Services Inc.
Wugu Laboratory
No.11, Wugong 6th Rd., Wugu Dist.,
New Taipei City, Taiwan.
Issued Date: March 22, 2024

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

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Revision History

Rev.	Issue Date	Revisions	Effect Page	Revised By
00	March 22, 2024	Initial Issue	ALL	Peggy Tsai



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1. TEST RESULT CERTIFICATION

Applicant: Mitac Digital Technology Corporation

4F., No. 1, R&D Road 2, Hsinchu Science Park, Hsinchu 30076

Taiwan

Manufacturer: Mitac Digital Technology Corporation

4F., No. 1, R&D Road 2, Hsinchu Science Park, Hsinchu

30076 Taiwan

Equipment Under Test: Tablet

Trade Name: Mio/MAGELLAN/NAVMAN/MiTAC

Model No.: N722

Date of Test: December 6, 2023 ~ March 22, 2024

APPLICABLE STANDARDS						
STANDARD TEST RESULT						
FCC 47 CFR Part 15 Subpart C &	Compliance					
RSS-210 Issue 10 and RSS-GEN Issue 5	Compliance					
Statements of Conformity						
Determination of compliance is based on the results of the compliance measurement						
not taking into account measurement instrumentation uncertainty.						

We hereby certify that:

The above equipment was tested by Compliance Certification Services Inc. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10: 2013 and the energy emitted by the sample tested as described in this report is in compliance with the requirements of FCC Rules Part 15.225.

The test results of this report relate only to the tested sample identified in this report.

Approved by:

Sehni Hu Supervisor

Compliance Certification Services Inc.

sehni. Hu



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2. EUT DESCRIPTION

Product	Tablet
Trade	Mio/MAGELLAN/NAVMAN/MiTAC
Model No.	N722
Model Discrepancy	Difference of the those trade names (list on this report) are just for marketing purpose only.
Received Date	November 27, 2023
Power Supply	1. Power from Cradle. MIO / N564 I/P (1): DC 12V, 1A or DC 24V, 0.5A (Fleet Port) I/P (2): DC 5V, 2A (Micro USB) 2. Power from Adapter. LUCENT TRANS / 1A52-PD2W I/P: 100-240Vac, 800mA, 50-60Hz O/P: 5Vdc, 3A or 9Vdc, 2.22A 3. Power from Adapter. TTT / MSS050200BI I/P: 100-240Vac,0.3A, 50-60Hz O/P: 5Vdc, 2A(10.0W) 4. Power from Battery. Apower Electronics Co., Ltd. / AEC565786B Rating: 3.8Vdc, 4000mAh, 15.2Wh 5. Power from Car Charger. TPT/ TCV10100 I/P: DC 12-24V O/P: DC 5V, 2A
Frequency Range	13.56MHz
Modulation Technique	ASK
Number of Channels	1 Channel
Antenna Requirement	Antenna type: Loop Antenna
EUT Serial #	HKY3BM00009

- 1. For more details, refer to the User's manual of the EUT.
- 2. Disclaimer: Antenna information is provided by the applicant, test results of this report are applicable to the sample EUT received.
- 3. Disclaimer The variant trademarks are assessed as identical in hardware and software to each other, hence all variants are fully covered by the test results in this test report without further verification test.



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3. TEST METHODOLOGY

The tests documented in this report were performed in accordance with ANSI C63.10: 2013 and FCC CFR 47 Part 15.207, 15.209, 15.215, 15.225.

The tests documented in this report were performed in accordance with IC RSS-210, IC RSS-Gen, and ANSI C63.10: 2013

3.1 EUT CONFIGURATION

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner that intends to maximize its emission characteristics in a continuous normal application.

3.2 FCC PART 15.205 RESTRICTED BANDS OF OPERATIONS

(a) Except as shown in paragraph (d) of this section, only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 -	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.52525	2655 - 2900	22.01 - 23.12
8.41425 - 8.41475	156.7 - 156.9	3260 - 3267	23.6 - 24.0
12.29 - 12.293	162.0125 - 167.17	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	167.72 - 173.2	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	240 - 285	3600 - 4400	(2)
13.36 - 13.41	322 - 335.4		

¹ Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

² Above 38.6

⁽b) Except as provided in paragraphs (d) and (e), the field strength of emissions appearing within these frequency bands shall not exceed the limits shown in Section 15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in Section 15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in Section 15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in Section 15.35 apply to these measurements.



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3.3 RSS GEN SECTION 8.10 RESTRICTED BANDS OF OPERATIONS

Restricted frequency bands, identified in table 7, are designated primarily for safety-of-life services (distress calling and certain aeronautical activities), certain satellite downlinks, radio astronomy and some government uses. Except where otherwise indicated, the following conditions related to the restricted frequency bands apply:

- (a) The transmit frequency, including fundamental components of modulation, of licence-exempt radio apparatus shall not fall within the restricted frequency bands listed in table 7 except for apparatus compliant with RSS-287, Emergency Position Indicating Radio Beacons (EPIRB), Emergency Locator Transmitters (ELT), Personal Locator Beacons (PLB), and Maritime Survivor Locator Devices (MSLD).
- (b) Unwanted emissions that fall into restricted frequency bands listed in table 7 shall comply with the limits specified in table 5 and table 6.
- (c) Unwanted emissions that do not fall within the restricted frequency bands listed in table 7 shall comply either with the limits specified in the applicable RSS or with those specified in table 5 and table 6.

Table 7 – Restricted frequency bands Note 1						
MHz	MHz	MHz	GHz			
0.090 - 0.110 0.495 - 0.505 2.1735 - 2.1905 3.020 - 3.026 4.125 - 4.128 4.17725 - 4.17775 4.20725 - 4.20775 5.677 - 5.683 6.215 - 6.218 6.26775 - 6.26825 6.31175 - 6.31225 8.291 - 8.294	16.42 - 16.423 16.69475 - 16.69525 16.80425 - 16.80475 25.5 - 25.67 37.5 - 38.25 73 - 74.6 74.8 - 75.2 108 - 138 149.9 - 150.05 156.52475 - 156.52525 156.7 - 156.9	608 - 614 960 - 1427 1435 - 1626.5 1645.5 - 1646.5 1660 - 1710 1718.8 - 1722.2 2200 - 2300 2310 - 2390 2483.5 - 2500 2655 - 2900 3260 - 3267 3332 - 3339	9.0 - 9.2 9.3 - 9.5 10.6 - 12.7 13.25 - 13.4 14.47 - 14.5 15.35 - 16.2 17.7 - 21.4 22.01 - 23.12 23.6 - 24.0 31.2 - 31.8 36.43 - 36.5 Above 38.6			
8.291 - 8.294 8.362 - 8.366 8.37625 - 8.38675 8.41425 - 8.41475 12.29 - 12.293 12.51975 - 12.52025 12.57675 - 12.57725 13.36 - 13.41	156.7 - 156.9 162.0125 - 167.17 167.72 - 173.2 240 – 285 322 - 335.4 399.9 - 410	3332 - 3339 3345.8 - 3358 3500 - 4400 4500 - 5150 5350 - 5460 7250 - 7750 8025 - 8500	Above 38.6			

Note 1: Certain frequency bands listed in table 7 and in bands above 38.6 GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to related devices are set out in the 200 and 300 series of RSSs.



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3.4 DESCRIPTION OF TEST MODES

The EUT had been tested under engineering test mode condition and the EUT staying in continuous transmitting mode.

All modes and data rates were investigated and it was determined that ISO 14443A/B and ISO 18092 Type y, 106/212/424/848 kbps.

All data rates were investigated and it was determined that 106 Kbps was considered worst-case. Therefore, all testing was performed in 106 Kbps mode.

3.4.1 The worst mode of measurement

AC Power Line Conducted Emission					
Test Condition	Test Condition AC Power line conducted emission for line and neutral				
Power supply Mode	Mode 1:EUT power by Adapter (1A52-PD20W) Mode 2:EUT power by Adapter (MSS050200BI)				
Worst Mode					

Radiated Emission Measurement Below 1G				
Test Condition Radiated Emission Below 1G				
Power supply Mode	Mode 1: EUT power by DC12V Fleet Cable with Cradle Mode 2: EUT power by DC24V Fleet Cable with Cradle Mode 3: EUT power by Type C With Adapter(1A52-PD20W) Mode 4: EUT power by Type C With Adapter(MSS050200BI) Mode 5: EUT power by Battery Mode 6: EUT power by DC12V With Car Charger Mode 7: EUT power by DC24V With Car Charger			
Worst Mode				

- 1. The worst mode was record in this test report.
- 2. AC power line conducted emission and for below 1G radiation emission were performed the EUT transmit at the highest output power channel as worse case.
- 3. EUT pre-scanned in three axis X,Y,Z and two polarity, for radiated measurement. The worst case(Z-Plane) were recorded in this report



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4. TEST SUMMARY

FCC Standard Sec.	IC Standard Sec.	Chapter	Test Item	Result
15.203	RSS-GEN Sec. 6.8	2	Antenna Requirement	Pass
15.215	RSS-GEN Sec 6.7	7.1	Occupied Bandwidth (99%) and 20dB Bandwidth	Pass
15.225 (a,b,c,d) 15.209 15.205	Sec B.6, a RSS-GEN Sec 8.9 / 8.10	7.2	Radiated Emissions	Pass
15.255 (e)	Sec B.6, b	7.3	Frequency Stability	Pass
15.207	RSS-GEN Sec. 8.8	7.4	AC Power-line Conducted Emission	Pass



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5. INSTRUMENT CALIBRATION

5.1 MEASURING INSTRUMENT CALIBRATION

The measuring equipment, which was utilized in performing the tests documented herein, has been calibrated in accordance with the manufacturer's recommendations for utilizing calibration equipment, which is traceable to recognized national standards.

5.2 MEASUREMENT EQUIPMENT USED

Equipment Used for Emissions Measurement

	966A_Radiated						
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due		
PXA Signal Analyzer	Keysight Technologies	N9030B	MY62291089	2023-10-13	2024-10-12		
Loop Antenna	COM-POWER	AL-130	121051	2023-05-23	2024-05-22		
Preamplifier	EMEC	EM330	060609	2023-02-22	2024-02-21		
Thermo-Hygro Meter	HTC	HTC-1	HTC-D02	2023-11-13	2024-11-12		
Bi-Log Antenna	Sunol Sciences	JB3	A030105	2023-08-08	2024-08-07		
Cable	Huber+Suhner	104PEA	20995+21000+ 182330	2023-02-22	2024-02-21		
Turn Table	CCS	CC-T-1F	N/A	N.C.R	N.C.R		
Controller	ccs	CC-C-1F	N/A	N.C.R	N.C.R		
Antenna Tower	CCS	CC-A-1F	N/A	N.C.R	N.C.R		
Power Supply	ABM	9603D	D011314	2023-10-02	2024-10-01		
Software			e3 V9-210616c				

	Conducted_FCC/IC/NCC (AII)						
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due		
LOOP ANTENNA	COM-POWER	AL-130	02-2644	2023-01-13	2024-01-12		
Constant Temperature Humidity	TERCHY	MHG-150LF	930619	2023-10-26	2024-10-25		
EXA Signal Analyzer	KEYSIGHT	N9030B	MY60242460	2023-02-02	2024-02-01		
Software	Software N/A						

- 1. Each piece of equipment is scheduled for calibration once a year.
- 2. N.C.R. = No Calibration Request.



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AC Mains Conduction						
Name of Equipment	Manufacturer	Serial Number	Calibration Date	Calibration Due		
EMI Test Receiver	R&S	ESCI	100064	2023-06-07	2024-06-06	
LISN	TESEQ	LN2-16N	22012	2023-03-08	2024-03-07	
LION	TESEQ	LINZ-10IN	22012	2024-02-29	2025-02-27	
Cable	EMCI	CFD300-NL	CERF	2023-06-27	2024-06-26	
Software	Software e3 V6-110812					

- 1. Each piece of equipment is scheduled for calibration once a year.
- 2. N.C.R. = No Calibration Request.



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5.3 MEASUREMENT UNCERTAINTY

PARAMETER	UNCERTAINTY
AC Powerline Conducted Emission	± 2.213 dB
Channel Bandwidth	± 2.7%
Freqeuncy Stability	± 0.03 ppm
Radiated Emission_9kHz-30MHz	± 3.761 dB
Radiated Emission_30MHz-200MHz	± 3.473 dB
Radiated Emission_200MHz-1GHz	± 3.946 dB

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

5.4 FACILITIES AND TEST LOCATION

All measurement facilities used to collect the measurement data are located at No.11, Wugong 6th Rd., Wugu Dist., New Taipei City, Taiwan.

CAB identifier: TW1309

Test site	Test Engineer	Remark
AC Conduction Room	Tony Chao、Czerny Lin	-
Radiation	Tony Chao ⋅ Ray Lin	-
RF Conducted	David Li	-

Remark: The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC pubic Access Link (PAL) database, FCC Registration No.:444940, the FCC Designation No.:TW1309



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6. SETUP OF EQUIPMENT UNDER TEST

6.1 SETUP CONFIGURATION OF EUT

See test photographs attached in Appendix A for the actual connections between EUT and support equipment.

6.2 SUPPORT EQUIPMENT

No.	Device Type Brand		Device Type Brand Model		FCC ID
1	Adapter	LUCENT TRANS	1A52-PD20W	N/A	N/A
2	Adapter	TTT	MSS050200BI	N/A	N/A

- 1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
- 2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

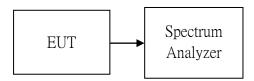


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7. FCC PART 15.225 REQUIREMENTS & RSS-210 REQUIREMENTS

7.1 OCCUPIED BANDWIDTH(99%) AND 20 dB BANDWIDTH TEST CONFIGURATION



TEST PROCEDURE

- 1. Place the EUT on the table and set it in the transmitting mode.
- 2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
- 3. Set the spectrum analyzer as RBW & VBW (RBW) shall be in the range of 1% to 5% of the actual occupied / x dB bandwidth (VBW) shall not be smaller than three times the RBW value.
- 4. Record the max. reading.

TEST RESULTS

Compliance

Temperature: 22.1° C Humidity: 51% RH

Tested by: David Li **Test Date:** December 6, 2023



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Test Condition	Frequency(MHz)	Occupied Bandwidth 99% (kHz)	20 dB Bandwidth (kHz)	
NFC	13.56	2.361	2.715	

Note

Because the measured signal adjusting the RBW per C63.10 would not be practical since measured bandwidth will always follow the RBW and the result will be approximately twice ~ three the RBW.

Test Plot





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7.2 FUNDAMENTAL AND RADIATED EMISSIONS

LIMIT

According to §15.225

- (a) The field strength of any emissions within the band 13.553 13.567 MHz shall not exceed 15,848 microvolts / meter at 30 meters.
- (b) Within the bands 13.410 13.553 MHz and 13.567 -13.710 MHz, the field strength of any emissions shall not exceed 334 microvolts / meter at 30 meters.
- (c) Within the bands 13.110 13.410 MHz and 13.710 14.010 MHz the field strength of any emissions shall not exceed 106 microvolts / meter at 30 meters.
- (d) The field strength of any emissions appearing outside of the 13.110 14.010 MHz and shall not exceed the general radiated emission limits in §15.209.

According to §15.225, except as provided elsewhere in this Subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength (µV/m at meter)	Measurement Distance (meter)
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., Sections 15.231 and 15.241.



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According to RSS 210 §B.6

The field strength of any emission shall not exceed the following limits:

- (a) 15.848 mV/m (84 dBµV/m) at30 m, within the band 13.553-13.567 MHz;
- (b) 334 μ V/m (50.5 dB μ V/m) at 30 m,within the bands 13.410-13.553 MHz and 13.567-13.710 MHz;
- (c) $106 \,\mu\text{V/m}$ (40.5 dB $\mu\text{V/m}$) at 30 m,within the bands 13.110-13.410 MHz and 13.710-14.010 MHz; and
- (d) RSS-Gen general field strength limits for frequencies outside the band 13.110-14.010 MHz.

Below 30 MHz

Frequency	Magnetic field strength (H-Field) (μA/m)	Measurement Distance (metres)
9-490 kHz Note 1	6.37/F (F in kHz)	300
490-1,705 kHz	63.7/F (F in kHz)	30
1.705-30 MHz	0.08	30

Note 1: The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

Above 30 MHz

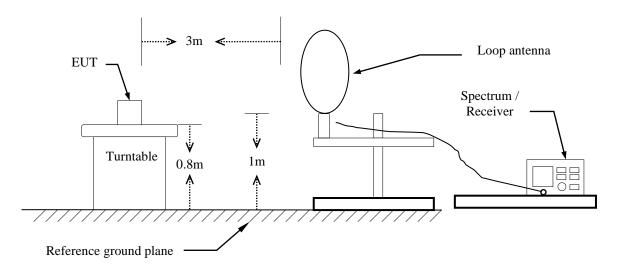
Frequency	Field strength (μV/m at 3 m)
30-88	100
88-216	150
216-960	200
Above 960	500



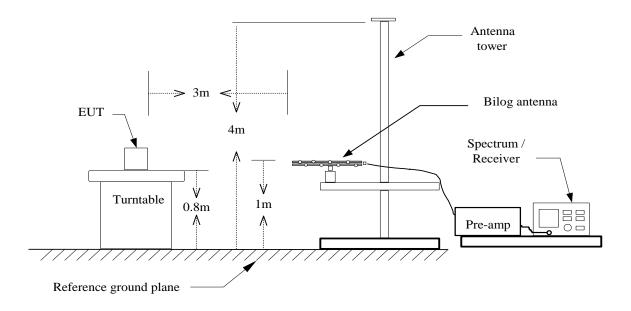
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Test Configuration

9kHz ~ 30MHz



30MHz ~ 1GHz





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TEST PROCEDURE

For 9kHz ~ 30MHz

- 1. The EUT is placed on a turntable, which is 0.8m above ground plane.
- 2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
- 3. EUT is set 3m away from the receiving antenna, The lower edge of the loop shall be 1 m above the ground then to find out the highest emissions.
- 4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
- Set the spectrum analyzer in the following setting as: 9KHz-490KHz: RBW=200Hz / VBW=1kHz / Sweep=AUTO 490KHz-30MHz: RBW=10kHz / VBW=30kHz / Sweep=AUTO
- 6. Repeat above procedures until the measurements for all frequencies are complete.

For 30MHz ~ 1GHz

- 1. The EUT is placed on a turntable, which is 0.8m above ground plane.
- 2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
- 3. EUT is set 3m away from the receiving antenna, which is varied from 1m to find out the highest emissions.
- 4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
- And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
- 6. Set the spectrum analyzer in the following setting as: RBW=100kHz / VBW=300kHz / Sweep=AUTO
- 7. Repeat above procedures until the measurements for all frequencies are complete.

Remark:

Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 30 m open are test site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 414788.

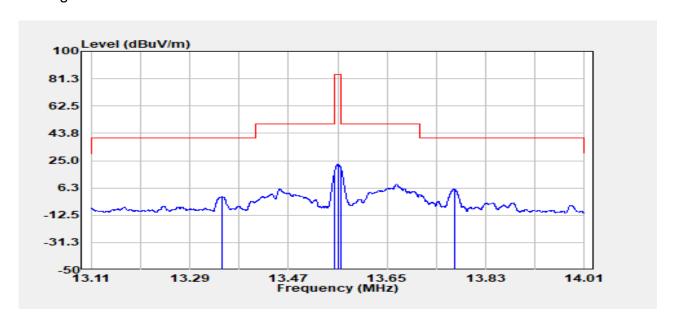


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:TM-2311000354P Project No **Test Date** :2023-12-08 **Operation Band** :NFC Temp./Humi. :24.4/59 Frequency :13.56 MHz Antenna Pol. :Horizontal Operation Mode :Main Engineer :Tony Chao **EUT Pol** Test Chamber : 966A :Н

Setting :12V FleetCable with Cradle



Freq.	Detector Mode	Spectrum Read Level @3m	Factor @3m	Actual FS @3m	Factor @30m&300m	Actual FS @30m&300m	Limit	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dB	dBµV/m	dBµV/m	dB
								_
13.349	Peak	23.58	16.67	40.24	-40.00	0.24	40.51	-40.26
13.553	Peak	38.62	16.63	55.25	-40.00	15.25	50.47	-35.22
13.560	Peak	45.71	16.63	62.34	-40.00	22.34	84.00	-61.66
13.567	Peak	41.73	16.63	58.35	-40.00	18.35	50.47	-32.12
13.773	Peak	28.84	16.59	45.42	-40.00	5.42	40.51	-35.08

- 1. Radiated emissions measured were made with an instrument using peak/quasi-peak/average detector mode.
- 2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with "N/A" remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
- 3. Margin (dB) = Result (dBuV/m) Limit (dBuV/m).
- 4. Result=Read level+Factor@3m-Distance factor
- 5. Distance factor=40log(30m/3m)
- 6. Factor=antenna factor+cable loss

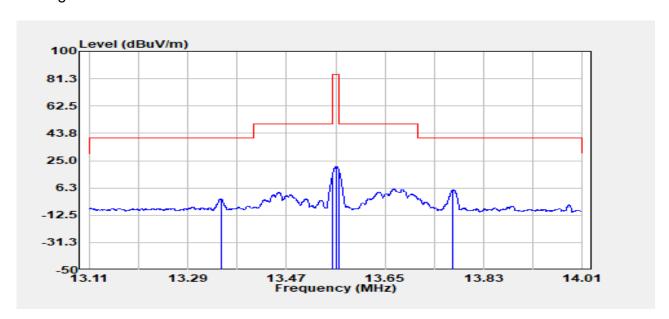


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Report No.: TMWK2311004436KR Rev.: 00

:TM-2311000354P Project No **Test Date** :2023-12-08 **Operation Band** :NFC Temp./Humi. :24.4/59 Frequency :13.56 MHz Antenna Pol. :VERTICAL Operation Mode :Main Engineer :Tony Chao EUT Pol Test Chamber : 966A :Н

Setting :12V FleetCable with Cradle



Freq.	Detector Mode	Spectrum Read Level @3m	Factor @3m	Actual FS @3m	Factor @30m&300m	Actual FS @30m&300m	Limit	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dB	dBµV/m	dBµV/m	dB
								_
13.350	Peak	22.15	16.67	38.82	-40.00	-1.18	40.51	-41.68
13.553	Peak	36.70	16.63	53.33	-40.00	13.33	50.47	-37.14
13.560	Peak	43.93	16.63	60.55	-40.00	20.55	84.00	-63.45
13.567	Peak	40.26	16.63	56.89	-40.00	16.89	50.47	-33.58
13.774	Peak	28.40	16.59	44.99	-40.00	4.99	40.51	-35.52

- 1. Radiated emissions measured were made with an instrument using peak/quasi-peak/average detector mode.
- 2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with "N/A" remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
- 3. Margin (dB) = Result (dBuV/m) Limit (dBuV/m).
- 4. Result=Read level+Factor@3m-Distance factor
- 5. Distance factor=40log(30m/3m)
- 6. Factor=antenna factor+cable loss

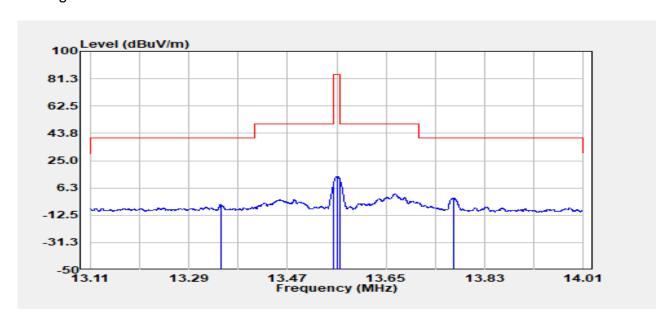


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Report No.: TMWK2311004436KR Rev.: 00

:TM-2311000354P Project No **Test Date** :2023-12-08 **Operation Band** :NFC Temp./Humi. :24.4/59 Frequency :13.56 MHz Antenna Pol. :Ground Operation Mode :Main Engineer :Tony Chao EUT Pol Test Chamber : 966A :Н

Setting :12V FleetCable with Cradle



Freq.	Detector Mode	Spectrum Read Level @3m	Factor @3m	Actual FS @3m	Factor @30m&300m	Actual FS @30m&300m	Limit	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dB	dBµV/m	dBµV/m	dB
13.349	Peak	17.92	16.67	34.58	-40.00	-5.42	40.51	-45.92
13.553	Peak	30.71	16.63	47.34	-40.00	7.34	50.47	-43.13
13.560	Peak	37.59	16.63	54.21	-40.00	14.21	84.00	-69.79
13.567	Peak	33.96	16.63	50.59	-40.00	10.59	50.47	-39.88
13.773	Peak	22.77	16.59	39.36	-40.00	-0.64	40.51	-41.15

- 1. Radiated emissions measured were made with an instrument using peak/quasi-peak/average detector mode.
- 2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with "N/A" remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
- 3. Margin (dB) = Result (dBuV/m) Limit (dBuV/m).
- 4. Result=Read level+Factor@3m-Distance factor
- 5. Distance factor=40log(30m/3m)
- 6. Factor=antenna factor+cable loss



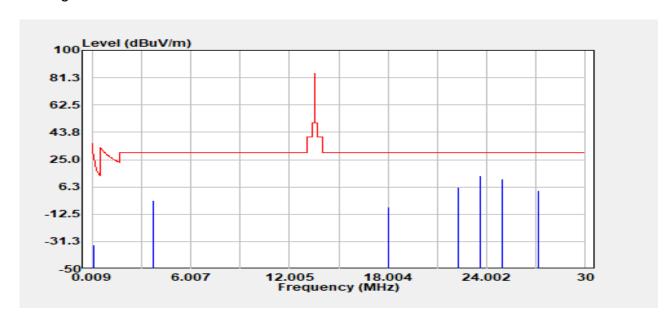
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Report No.: TMWK2311004436KR Rev.: 00

9kHz ~ 30MHz

Test Date Project No :TM-2311000354P :2023-12-08 Temp./Humi. Operation Band :NFC :24.4/59 :13.56 MHz Frequency Antenna Pol. :Horizontal Operation Mode :TX Engineer :Tony Chao EUT Pol :H Test Chamber : 966A

Setting :12V FleetCable with Cradle



Freq.	Detector Mode	Spectrum Read Level @3m	Factor @3m	Actual FS @3m	Factor @30m&300m	Actual FS @30m&300m	Limit	Margin
MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dB	dBµV/m	dBµV/m	dB
0.144	Peak	32.53	13.93	46.45	-80.00	-33.55	24.46	-58.00
3.732	Peak	21.41	15.54	36.95	-40.00	-3.05	29.54	-32.59
18.010	Peak	14.83	17.70	32.53	-40.00	-7.47	29.54	-37.01
22.269	Peak	29.77	16.53	46.30	-40.00	6.30	29.54	-23.24
23.592	Peak	37.51	16.30	53.81	-40.00	13.81	29.54	-15.73
24.935	Peak	34.62	17.33	51.95	-40.00	11.95	29.54	-17.59
27.120	Peak	26.62	17.21	43.83	-40.00	3.83	29.54	-25.71

- 1. 9kHz to 490kHz Limit(@3m) = 2400(F/kHz) 490kHz to 1.705MHz Limit (@3m) = 2400(F/kHz) 1.705MHz to 30MHz Limit (@3m) = 29.54
- 2. Distance factor=40log(300m/3m)@9-490kHz; 40log(30m/3m)@490kHz-30MHz
- 3. Result=Read level+Factor@3m-Distance factor



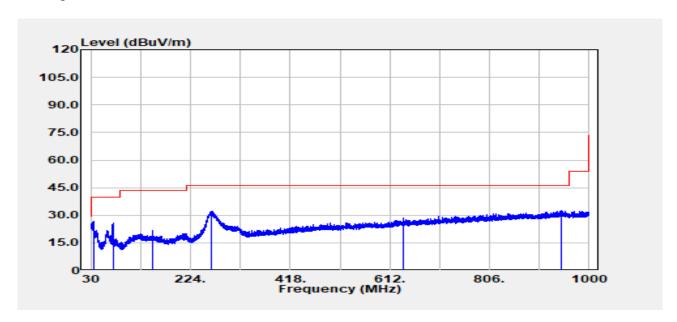
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Report No.: TMWK2311004436KR Rev.: 00

30MHz ~ 1GHz

Project No :TM-2311000354P **Test Date** :2023-12-08 Operation Band Temp./Humi. :NFC :24.4/59 Frequency :13.56 MHz Antenna Pol. :Vertical Operation Mode :TX Engineer :Ray Li EUT Pol Test Chamber :H : 966A

Setting :12V FleetCable with Cradle



Freq.	Detector Mode	Spectrum Read Level	Factor	Actual FS	Limit	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
34.90	Peak	32.13	-5.59	26.54	40.00	-13.46
73.70	Peak	41.06	-15.42	25.65	40.00	-14.35
150.00	Peak	32.02	-10.31	21.71	43.50	-21.79
264.70	Peak	41.89	-9.58	32.31	46.00	-13.69
638.70	Peak	29.40	-0.94	28.45	46.00	-17.55
944.70	Peak	28.84	3.72	32.55	46.00	-13.45

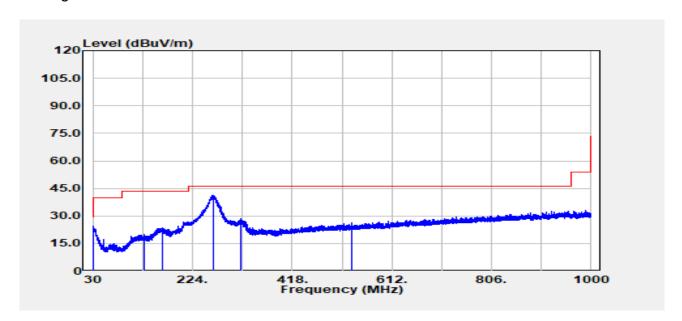


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Report No.: TMWK2311004436KR Rev.: 00

Project No :TM-2311000354P **Test Date** :2023-12-08 **Operation Band** :NFC Temp./Humi. :24.4/59 Frequency :13.56 MHz Antenna Pol. :Horizontal Operation Mode :TX Engineer :Ray Li EUT Pol Test Chamber :H : 966A

Setting :12V FleetCable with Cradle



Freq.	Detector Mode	Spectrum Read Level	Factor	Actual FS	Limit	Margin
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
31.60	Peak	27.28	-3.40	23.89	40.00	-16.11
129.40	Peak	29.06	-9.30	19.76	43.50	-23.74
165.60	Peak	34.65	-10.90	23.76	43.50	-19.74
263.70	Peak	50.93	-9.74	41.20	46.00	-4.80
318.90	Peak	36.71	-8.24	28.48	46.00	-17.52
535.30	Peak	29.33	-3.11	26.22	46.00	-19.78



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7.3 FREQUENCY STABILITY

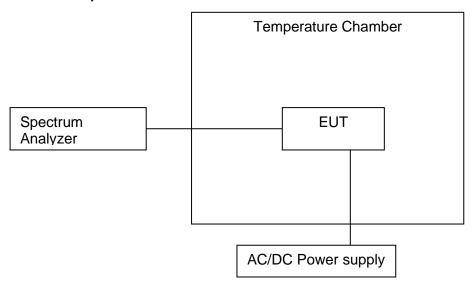
LIMIT

According to §15.225(e) and RSS-210, B.6,

The frequency tolerance of the carrier signal shall be maintained within +/- 0.01% of the operating frequency over a temperature variation of –20 degrees to +50 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C. For battery operated equipment, the equipment tests shall be performed using a new battery.

Test Configuration

Temperature and Voltage Measurement (under normal and extreme test conditions)



TEST PROCEDURE

- 1. Turn the EUT off, and place it inside the environmental temperature chamber.
- 2. Set the temperature control on the chamber to the highest specified in the regulatory requirements for the type of device and allow the oscillator heater and the chamber temperature to stabilize.
- Set the spectrum analyzer as RBW=1kHz, VBW = RBW, Span = 200kHz, Sweep = auto.
- 4. Turn the EUT on and record the operating frequency at startup and two, five, and ten minutes after the EUT is energized.
- 5. Switch off the EUT and Lower the chamber temperature by not more than 10 °C and allow the temperature inside the chamber to stabilize.
- 6. Mark the peak frequency and measure the frequency tolerance using frequency counter function.
- 7. Repeat step 4 through step 6 down to the specified temperature.



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TEST RESULTS

Compliance

Temperature: 22.1°C Humidity: 51% RH

Tested by: David Li **Test Date:** December 6, 2023

TEST DATA

Startup									
A. Temperature Va	A. Temperature Variation								
Power Supply	Environment	Frequency	Delta (Id.I=)	i-aa i+ / -					
Vdc	Temperature (°C)	(MHz)	Delta (kHz)	Limit (kHz)					
12	-20	13.5611520	1.15200	+/- 1.356					
12	-10	13.5611525	1.15250	+/- 1.356					
12	0	13.5611442	1.14420	+/- 1.356					
12	10	13.5611523	1.15230	+/- 1.356					
12	20	13.5611509	1.15090	+/- 1.356					
12	30	13.5611557	1.15570	+/- 1.356					
12	40	13.5611605	1.16050	+/- 1.356					
12	50	13.561151	1.15100	+/- 1.356					
12	60	13.5611524	1.15240	+/- 1.356					
B. Supply Voltage	Variation								
Power Supply	Environment	Frequency	Dalta (I-II-)						
Vdc	Temperature (°C)	(MHz)	Delta (kHz)	Limit (kHz)					
13.8	20	13.5611472	1.14720	+/- 1.356					
12	20	13.5611509	1.15090	+/- 1.356					
10.2	20	13.5611459	1.14590	+/- 1.356					

Note: Extreme temperatures are declared by the manufacturer



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2 minutes							
A. Temperature Va	ariation						
Power Supply	Environment	Frequency	Dolto (Id I=)	i-aa i+ / -			
Vdc	Temperature (°C)	(MHz)	Delta (kHz)	Limit (kHz)			
12	-20	13.5611502	1.15020	+/- 1.356			
12	-10	13.5611542	1.15420	+/- 1.356			
12	0	13.5611477	1.14770	+/- 1.356			
12	10	13.5611468	1.14680	+/- 1.356			
12	20	13.561147	1.14700	+/- 1.356			
12	30	13.561149	1.14900	+/- 1.356			
12	40	13.5611409	1.14090	+/- 1.356			
12	50	13.5611442	1.14420	+/- 1.356			
12	60	13.5611559	1.15590	+/- 1.356			
B. Supply Voltage	Variation						
Power Supply	Environment	Frequency	Dalta (Id I=)				
Vdc	Temperature (°C)	(MHz)	Delta (kHz)	Limit (kHz)			
13.8	20	13.5611471	1.14710	+/- 1.356			
12	20	13.561147	1.14700	+/- 1.356			
10.2	20	13.5611512	1.15120	+/- 1.356			

Note: Extreme temperatures are declared by the manufacturer

5 minutes								
A. Temperature V	ariation							
Power Supply	Environment	Frequency	Dolto (Id I=)	Linait (Id I=)				
Vdc	Temperature (°C)	(MHz)	Delta (kHz)	Limit (kHz)				
12	-20	13.5611605	1.16050	+/- 1.356				
12	-10	13.5611509	1.15090	+/- 1.356				
12	0	13.5611525	1.15250	+/- 1.356				
12	10	13.5611259	1.12590	+/- 1.356				
12	20	13.5611492	1.14920	+/- 1.356				
12	30	13.5611542	1.15420	+/- 1.356				
12	40	13.5611509	1.15090	+/- 1.356				
12	50	13.5611524	1.15240	+/- 1.356				
12	60	13.5611493	1.14930	+/- 1.356				
B. Supply Voltage	Variation							
Power Supply	Environment	Frequency	Delta (Id.I=)	Line it (L.L.L.)				
Vdc	Temperature (°C)	(MHz)	Delta (kHz)	Limit (kHz)				
13.8	20	13.5611475	1.14750	+/- 1.356				
12	20	13.5611492	1.14920	+/- 1.356				
10.2	20	13.5611442	1.14420	+/- 1.356				

Note: Extreme temperatures are declared by the manufacturer



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	10 minutes							
A. Temperature Va	ariation							
Power Supply	Environment	Frequency	Delta (Id I=)	i-aa i+ / -				
Vdc	Temperature (°C)	(MHz)	Delta (kHz)	Limit (kHz)				
12	-20	13.5611505	1.15050	+/- 1.356				
12	-10	13.5611458	1.14580	+/- 1.356				
12	0	13.5611642	1.16420	+/- 1.356				
12	10	13.5611154	1.11540	+/- 1.356				
12	20	13.561147	1.14700	+/- 1.356				
12	30	13.5611671	1.16710	+/- 1.356				
12	40	13.5611472	1.14720	+/- 1.356				
12	50	13.561149	1.14900	+/- 1.356				
12	60	13.5611524	1.15240	+/- 1.356				
B. Supply Voltage	Variation							
Power Supply	Environment	Frequency	D-16- (1-11-)					
Vdc	Temperature (°C)	(MHz)	Delta (kHz)	Limit (kHz)				
13.8	20	13.5611523	1.15230	+/- 1.356				
12	20	13.561147	1.14700	+/- 1.356				
10.2	20	13.5611482	1.14820	+/- 1.356				

Note: Extreme temperatures are declared by the manufacturer



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7.4 POWERLINE CONDUCTED EMISSIONS

LIMIT

According to §15.207(a) and RSS-Gen §8.8 for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 μ H/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the boundary between the frequency ranges.

Frequency Range	Limits (dBµV)			
(MHz)	Quasi-peak	Average		
0.15 to 0.50	66 to 56*	56 to 46*		
0.50 to 5	56	46		
5 to 30	60	50		

^{*} Decreases with the logarithm of the frequency.

TEST PROCEDURE

- 1. The EUT was placed on a table, which is 0.8m above ground plane.
- Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
- 3. Repeat above procedures until all frequency measured were complete.

TEST RESULTS

The initial step in collecting conducted data is a spectrum analyzer peak scan of the measurement range. Significant peaks are then marked as shown on the following data page, and these signals are then quasi-peaked and Average measurement records.

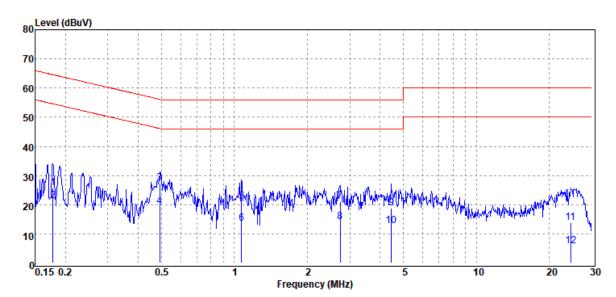


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Report No.: TMWK2311004436KR Rev.: 00

Project No Test Date : TM-2311000354P : 2023-12-14 Operation Mode : NFC Temp./Humi. : 23.8°C / 54% Test Chamber Engineer : Tony Chao : Conduction : AC 120V/60Hz Probe : LINE Test Voltage

Note : Mode 1



Freq.	Detector Mode	Spectrum Read Level	Factor	Actual FS	Limit	Margin
MHz	PK/QP/AV	dΒμV	dB	dΒμV	dΒμV	dB
0.178	QP	25.58	0.15	25.73	64.59	-38.86
0.178	Average	21.04	0.15	21.19	54.59	-33.40
0.492	QP	27.19	0.15	27.34	56.14	-28.80
0.492	Average	19.09	0.15	19.24	46.14	-26.90
1.071	QP	20.99	0.16	21.15	56.00	-34.85
1.071	Average	13.36	0.16	13.52	46.00	-32.48
2.736	QP	20.70	0.24	20.94	56.00	-35.06
2.736	Average	13.97	0.24	14.21	46.00	-31.79
4.454	QP	18.66	0.27	18.93	56.00	-37.07
4.454	Average	12.43	0.27	12.70	46.00	-33.30
24.529	QP	13.26	0.59	13.85	60.00	-46.15
24.529	Average	5.29	0.59	5.88	50.00	-44.12

Note: 1. Actual FS= Spectrum Read Level + Factor

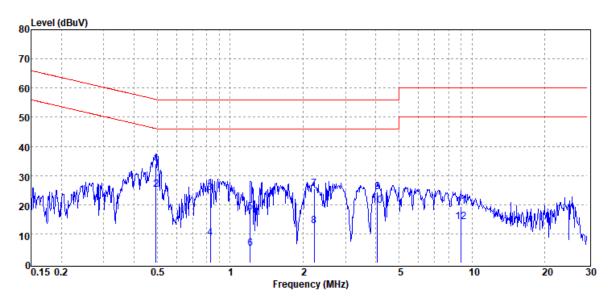


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Project No Test Date : TM-2311000354P : 2023-12-14 Operation Mode : NFC Temp./Humi. : 23.8°C / 54% Test Chamber Engineer : Tony Chao : Conduction Test Voltage : AC 120V/60Hz Probe : NEUTRAL

Note : Mode 1



Freq.	Detector Mode	Spectrum Read Level	Factor	Actual FS	Limit	Margin
MHz	PK/QP/AV	dΒμV	dB	dΒμV	dΒμV	dB
0.494	QP	33.84	0.19	34.03	56.10	-22.07
0.494	Average	25.05	0.19	25.24	46.10	-20.86
0.826	QP	23.76	0.21	23.97	56.00	-32.03
0.826	Average	8.27	0.21	8.48	46.00	-37.52
1.210	QP	17.35	0.22	17.57	56.00	-38.43
1.210	Average	4.64	0.22	4.86	46.00	-41.14
2.225	QP	25.32	0.26	25.58	56.00	-30.42
2.225	Average	12.54	0.26	12.80	46.00	-33.20
4.070	QP	24.12	0.31	24.43	56.00	-31.57
4.070	Average	19.44	0.31	19.75	46.00	-26.25
9.011	QP	18.96	0.38	19.34	60.00	-40.66
9.011	Average	13.74	0.38	14.12	50.00	-35.88

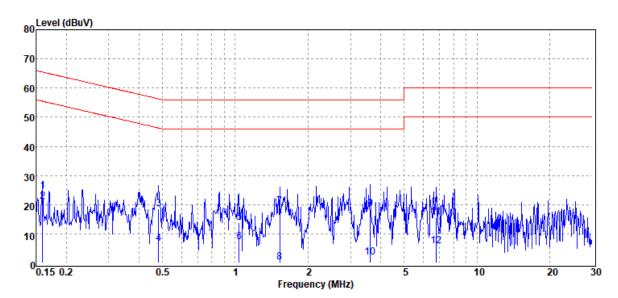
Note: 1. Actual FS= Spectrum Read Level + Factor



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Project No : TM-2311000354P Test Date : 2023-12-14 Operation Mode : NFC Temp./Humi. : 23.8°C / 54% Test Chamber Engineer : Tony Chao : Conduction Test Voltage : AC 230V/50Hz Probe : LINE

Note : Mode 1



Freq.	Detector Mode	Spectrum Read Level	Factor	Actual FS	Limit	Margin
MHz	PK/QP/AV	dΒμV	dB	dΒμV	dΒμV	dB
0.160	QP	24.57	0.15	24.72	65.47	-40.75
0.160	Average	20.96	0.15	21.11	55.47	-34.36
0.481	QP	18.41	0.15	18.56	56.32	-37.76
0.481	Average	6.49	0.15	6.64	46.32	-39.68
1.037	QP	13.73	0.16	13.89	56.00	-42.11
1.037	Average	7.16	0.16	7.32	46.00	-38.68
1.527	QP	19.17	0.19	19.36	56.00	-36.64
1.527	Average	-0.04	0.19	0.15	46.00	-45.85
3.623	QP	18.19	0.26	18.45	56.00	-37.55
3.623	Average	1.65	0.26	1.91	46.00	-44.09
6.769	QP	15.44	0.32	15.76	60.00	-44.24
6.769	Average	5.57	0.32	5.89	50.00	-44.11

Note: 1. Actual FS= Spectrum Read Level + Factor

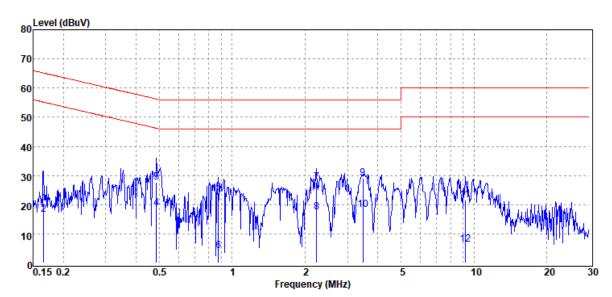


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Project No Test Date : TM-2311000354P : 2023-12-14 Operation Mode : NFC Temp./Humi. : 23.8°C / 54% Test Chamber Engineer : Tony Chao : Conduction Test Voltage : AC 230V/50Hz Probe : NEUTRAL

Note : Mode 1



Freq.	Detector Mode	Spectrum Read Level	Factor	Actual FS	Limit	Margin
MHz	PK/QP/AV	dΒμV	dB	dΒμV	dΒμV	dB
0.166	QP	20.43	0.19	20.62	65.16	-44.54
0.166	Average	16.33	0.19	16.52	55.16	-38.64
0.486	QP	27.40	0.19	27.59	56.23	-28.64
0.486	Average	18.75	0.19	18.94	46.23	-27.29
0.876	QP	23.99	0.21	24.20	56.00	-31.80
0.876	Average	4.03	0.21	4.24	46.00	-41.76
2.237	QP	27.35	0.26	27.61	56.00	-28.39
2.237	Average	17.16	0.26	17.42	46.00	-28.58
3.472	QP	28.64	0.30	28.94	56.00	-27.06
3.472	Average	17.94	0.30	18.24	46.00	-27.76
9.204	QP	21.06	0.39	21.45	60.00	-38.55
9.204	Average	6.11	0.39	6.50	50.00	-43.50

Note: 1. Actual FS= Spectrum Read Level + Factor

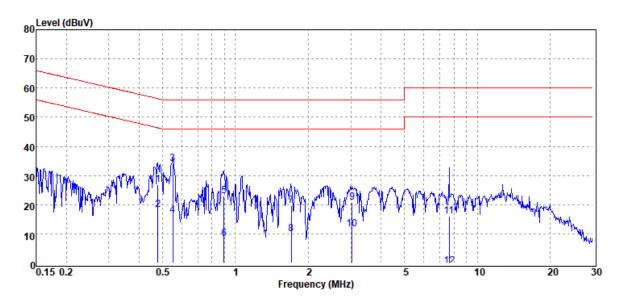


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Report No.: TMWK2311004436KR Rev.: 00

Project No Test Date : TM-2311000354P : 2024-03-22 Operation Mode : NFC Temp./Humi. : 24.6°C / 54% Test Chamber Engineer : Czerny Lin : Conduction : AC 120V/60Hz Probe : LINE Test Voltage

Note : Mode 2



Freq.	Detector Mode	Spectrum Read Level	Factor	Actual FS	Limit	Margin
MHz	PK/QP/AV	dΒμV	dB	dΒμV	dΒμV	dB
0.478	QP	26.61	0.15	26.76	56.37	-29.61
0.478	Average	18.09	0.15	18.24	46.37	-28.13
0.551	QP	33.88	0.15	34.03	56.00	-21.97
0.551	Average	16.31	0.15	16.46	46.00	-29.54
0.897	QP	22.92	0.16	23.08	56.00	-32.92
0.897	Average	8.09	0.16	8.25	46.00	-37.75
1.705	QP	19.58	0.21	19.79	56.00	-36.21
1.705	Average	9.75	0.21	9.96	46.00	-36.04
3.034	QP	20.61	0.24	20.85	56.00	-35.15
3.034	Average	11.36	0.24	11.60	46.00	-34.40
7.659	QP	15.86	0.33	16.19	60.00	-43.81
7,659	Average	-1.56	0.33	-1 23	50.00	-51 23

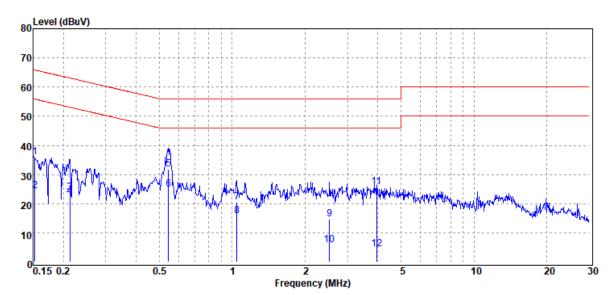
Note: 1. Actual FS= Spectrum Read Level + Factor



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Project No : TM-2311000354P Test Date : 2024-03-22 Operation Mode : NFC Temp./Humi. : 24.6°C / 54% Test Chamber Engineer : Czerny Lin : Conduction Probe : NEUTRAL Test Voltage : AC 120V/60Hz

Note : Mode 2



Freq.	Detector Mode	Spectrum Read Level	Factor	Actual FS	Limit	Margin
MHz	PK/QP/AV	dΒμV	dB	dΒμV	dΒμV	dB
0.152	QP	35.78	0.20	35.98	65.87	-29.89
0.152	Average	24.25	0.20	24.45	55.87	-31.42
0.213	QP	23.52	0.19	23.71	63.08	-39.37
0.213	Average	22.28	0.19	22.47	53.08	-30.61
0.544	QP	31.77	0.19	31.96	56.00	-24.04
0.544	Average	24.73	0.19	24.92	46.00	-21.08
1.047	QP	20.14	0.21	20.35	56.00	-35.65
1.047	Average	15.70	0.21	15.91	46.00	-30.09
2.530	QP	14.42	0.28	14.70	56.00	-41.30
2.530	Average	5.41	0.28	5.69	46.00	-40.31
3.957	QP	25.52	0.31	25.83	56.00	-30.17
3.957	Average	3.98	0.31	4.29	46.00	-41.71

Note: 1. Actual FS= Spectrum Read Level + Factor

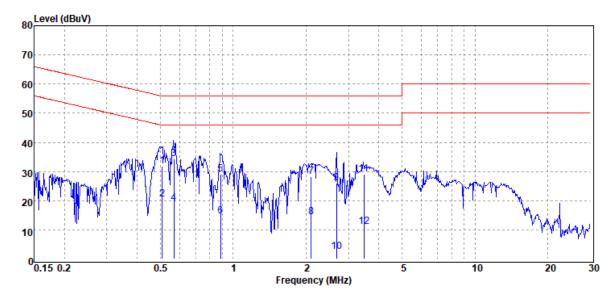


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Report No.: TMWK2311004436KR Rev.: 00

Project No : TM-2311000354P Test Date : 2024-03-22 Operation Mode : NFC Temp./Humi. : 24.6°C / 54% Test Chamber Engineer : Czerny Lin : Conduction Test Voltage Probe : LINE : AC 230V/50Hz

Note : Mode 2



Freq.	Detector Mode	Spectrum Read Level	Factor	Actual FS	Limit	Margin
MHz	PK/QP/AV	dΒμV	dB	dΒμV	dΒμV	dB
0.508	QP	31.75	0.15	31.90	56.00	-24.10
0.508	Average	20.37	0.15	20.52	46.00	-25.48
0.569	QP	34.31	0.15	34.46	56.00	-21.54
0.569	Average	18.88	0.15	19.03	46.00	-26.97
0.888	QP	28.84	0.16	29.00	56.00	-27.00
0.888	Average	14.46	0.16	14.62	46.00	-31.38
2.102	QP	28.00	0.22	28.22	56.00	-27.78
2.102	Average	14.06	0.22	14.28	46.00	-31.72
2.680	QP	25.77	0.24	26.01	56.00	-29.99
2.680	Average	2.17	0.24	2.41	46.00	-43.59
3.471	QP	28.68	0.26	28.94	56.00	-27.06
3.471	Average	10.85	0.26	11.11	46.00	-34.89

Note: 1. Actual FS= Spectrum Read Level + Factor

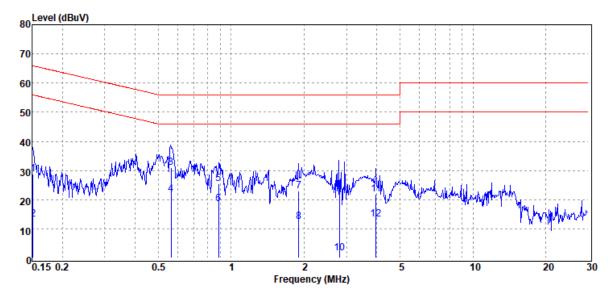


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Report No.: TMWK2311004436KR Rev.: 00

Project No Test Date : TM-2311000354P : 2024-03-22 Operation Mode : NFC Temp./Humi. : 24.6°C / 54% Test Chamber Engineer : Czerny Lin : Conduction Probe : NEUTRAL Test Voltage : AC 230V/50Hz

Note : Mode 2



Freq.	Detector Mode	Spectrum Read Level	Factor	Actual FS	Limit	Margin
MHz	PK/QP/AV	dΒμV	dB	dΒμV	dΒμV	dB
0.151	QP	28.72	0.20	28.92	65.93	-37.01
0.151	Average	13.09	0.20	13.29	55.93	-42.64
0.564	QP	30.90	0.19	31.09	56.00	-24.91
0.564	Average	21.55	0.19	21.74	46.00	-24.26
0.887	QP	25.18	0.21	25.39	56.00	-30.61
0.887	Average	18.41	0.21	18.62	46.00	-27.38
1.902	QP	22.62	0.26	22.88	56.00	-33.12
1.902	Average	12.11	0.26	12.37	46.00	-33.63
2.798	QP	22.52	0.28	22.80	56.00	-33.20
2.798	Average	1.45	0.28	1.73	46.00	-44.27
3.966	QP	21.65	0.31	21.96	56.00	-34.04
3.966	Average	12.84	0.31	13.15	46.00	-32.85

Note: 1. Actual FS= Spectrum Read Level + Factor

Note: 2. Margin= Actual FS - Limit

- End of Test Report -