

# CLASS II PERMISSIVE CHANGE RADIO TEST REPORT FCC 47 CFR PART 15 SUBPART C

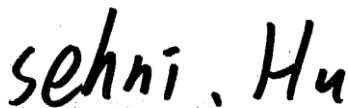
<b>Test Standard</b>	<b>FCC Part 15.247</b>
<b>Product name</b>	<b>7.8" Digital Note Pad; 7.8" Color Digital Note Pad; 7.8" Digital Reader; 7.8" Color Digital Reader</b>
<b>Brand Name</b>	<b>MobiScribe</b>
<b>Model No.</b>	<b>E70P24</b>
<b>Test Result</b>	<b>Pass</b>
<b>Statements of Conformity</b>	<b>Determination of compliance is based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.</b>

The test Result was tested by Compliance Certification Services Inc. The test data, data evaluation, test procedures, and equipment configurations shown in this report were given in ANSI C63.10: 2013 and compliance standards.

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

The test Report of full or partial shall not copy. Without written approval of Compliance Certification Services Inc. (Wugu Laboratory)

Approved by:




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Sehni Hu  
 Supervisor

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.  
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**Revision History**

Rev.	Issue Date	Revisions	Effect Page	Revised By
00	November 23, 2023	Initial Issue	ALL	Peggy Tsai

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APPENDIX 1 - PHOTOGRAPHS OF EUT		

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## 1. GENERAL INFORMATION





### 1.1 EUT INFORMATION

<b>Applicant</b>	NETRONIX, INC. No. 945, Boai St., Jubei City, Hsin-Chu, 30265, Taiwan	
<b>Manufacturer</b>	NETRONIX, INC. No. 945, Boai St., Jubei City, Hsin-Chu, 30265, Taiwan	
<b>Equipment</b>	7.8" Digital Note Pad; 7.8" Color Digital Note Pad; 7.8" Digital Reader; 7.8" Color Digital Reader	
<b>Model Name</b>	E70P24	
<b>Product Discrepancy</b>	Please see remark as below.	
<b>Brand Name</b>	MobiScribe	
<b>Received Date</b>	October 13, 2023	
<b>Date of Test</b>	October 26, 2023	
<b>Power Supply</b>	1. Power from Host System. (DC 5V) 2. Power from Battery. Brand / Model: EVE Energy Co., LTD. / EVE2275A7GH Rating: 3.85VDC, 9.63Wh	
<b>Class II Permissive Change</b>	The major change filed under this application is: Product Name: 7.8" Color Digital Note Pad, Adding EPD Panel with two different configurations as follows: 1. Configured with the new Digitizer on the newly modified PCBA. 2. Configured with the old Digitizer and the old PCBA.	
		Update Model
		Original Model
	Panel (CFA)	EC078KH7
	Wacom Digitizer	SUDE-07S01MI-01A
PCBA	B3	B2

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**Remark:**

1. For more details, please 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: Variant information between/among model numbers / trademarks is provided by the applicant, test results of this report are applicable to the sample EUT received of main test model name.
4. Model Discrepancy:

Product Name	7.8" Digital Note Pad	7.8" Color Digital Note Pad	7.8" Digital Reader	7.8" Color Digital Reader
Model Name	E70P24			
Button	N/A	N/A	Yes	Yes
Touch Pen	Yes	Yes	N/A	N/A
Panel display	Black and White	Color	Black and White	Color
Appearance				

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## 1.2 EUT CHANNEL INFORMATION

Frequency Range	2402MHz-2480MHz
Modulation Type	GFSK for BLE 1 Mbps GFSK for BLE 2 Mbps
Number of channels	40 Channels

**Remark:**

Refer as ANSI C63.10: 2013 clause 5.6.1 Table 4 for test channels

Number of frequencies to be tested		
Frequency range in which device operates	Number of frequencies	Location in frequency range of operation
<input type="checkbox"/> 1 MHz or less	1	Middle
<input type="checkbox"/> 1 MHz to 10 MHz	2	1 near top and 1 near bottom
<input checked="" type="checkbox"/> More than 10 MHz	3	1 near top, 1 near middle, and 1 near bottom

## 1.3 ANTENNA INFORMATION

Antenna Specification	<input type="checkbox"/> PIFA <input checked="" type="checkbox"/> PCB <input type="checkbox"/> Dipole <input type="checkbox"/> Coils
Antenna Gain	Gain: 2.64 dBi
Brand / Model	INPAQ Technology Co., Ltd. / RFPCA310710EMLB301

**Notes:**

1.The antenna(s) of the EUT are permanently attached and there are no provisions for connection to an external antenna. So the EUT complies with the requirements of §15.203.

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## 1.4 MEASUREMENT UNCERTAINTY

PARAMETER	UNCERTAINTY
AC Powerline Conducted Emission	$\pm 2.213$ dB
Radiated Emission_9kHz-30MHz	$\pm 3.761$ dB
Radiated Emission_30MHz-200MHz	$\pm 3.473$ dB
Radiated Emission_200MHz-1GHz	$\pm 3.946$ dB

**Remark:**

1. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of  $k=2$
2. ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report.

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## 1.5 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.

No. 12, Ln. 116, Wugong 3rd Rd., Wugu Dist., New Taipei City, Taiwan.

CAB identifier: TW1309

Test site	Test Engineer	Remark
AC Conduction Room	Tony Chao	-
Radiation	Tony Chao	-

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

## 1.6 INSTRUMENT CALIBRATION

966A Radiated 30M~1G					
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due
Bi-Log Antenna	Sunol Sciences	JB3	A030105	2023-08-08	2024-08-07
Signal Analyzer	KEYSIGHT	N9010A	MY54200716	2023-10-13	2024-10-12
Thermo-Hygro Meter	WISEWIND	1206	D07	2022-12-19	2023-12-18
Preamplifier	EMEC	EM330	060609	2023-02-22	2024-02-21
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
<b>Software</b>	e3 V9-210616c				

RF_Conduction(RF)					
Name of Equipment	Manufacturer	Model	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
Cable	EMCI	CFD300-NL	CERF	2023-06-27	2024-06-26
<b>Software</b>	EZ-EMC(CCS-3A1-CE-WUKU)				

**Remark:**

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



## 1.7 SUPPORT AND EUT ACCESSORIES EQUIPMENT

EUT Accessories Equipment						
No.	Equipment	Brand	Model	Series No.	FCC ID	IC
	N/A					

Support Equipment						
No.	Equipment	Brand	Model	Series No.	FCC ID	IC
1	NB	Lenovo	IBM 7663	N/A	N/A	N/A
2	NB(D)	Lenovo	ThinkPad X260	N/A	N/A	N/A

## 1.8 TEST METHODOLOGY AND APPLIED STANDARDS

The test methodology, setups and results comply with all requirements in accordance with ANSI C63.10:2013, FCC Part 2, FCC Part 15.247 and KDB 558074 D01.

## 2. TEST SUMMARY

FCC Standard Section	Report Section	Test Item	Result
15.203	1.3	Antenna Requirement	Pass
15.207(a)	4.1	AC Conducted Emission	Pass
15.247(d) 15.209 15.205	4.2	Radiation Spurious Emission	Pass

**Note:**

Per check with the RF output power, the RF parameters are same with the certified device. So the changes are not affect the test result of RF conducted tests. Therefore, the AC Line conducted test, Radiation Below 1GHz test were performed. other test items please refer to the original FCC ID report.

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### 3. DESCRIPTION OF TEST MODES

#### 3.1 THE WORST MODE OF OPERATING CONDITION

Operation mode	BLE Mode (1Mbps) BLE Mode (2Mbps)
Test Channel Frequencies	1.Lowest Channel : 2402MHz 2.Middle Channel : 2442MHz 3.Highest Channel : 2480MHz

**Remark:**

1. EUT pre-scanned data rate of output power for each mode, the worst data rate were recorded in this report.

#### 3.2 THE WORST MODE OF MEASUREMENT

AC Power Line Conducted Emission	
Test Condition	AC Power line conducted emission for line and neutral
Power supply Mode	Mode 1: EUT power by Host System(New PCB) Mode 2: EUT power by Host System(Old PCB)
Worst Mode	<input checked="" type="checkbox"/> Mode 1 <input checked="" type="checkbox"/> Mode 2 <input type="checkbox"/> Mode 3 <input type="checkbox"/> Mode 4

Radiated Emission Measurement Below 1G	
Test Condition	Radiated Emission Below 1G
Power supply Mode	Mode 1: EUT power by Host System(New PCB) Mode 2: EUT power by Host System(Old PCB)
Worst Mode	<input checked="" type="checkbox"/> Mode 1 <input checked="" type="checkbox"/> Mode 2 <input type="checkbox"/> Mode 3 <input type="checkbox"/> Mode 4

**Remark:**

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(X-Plane) were recorded in this report.

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## 4. TEST RESULT

### 4.1 AC POWER LINE CONDUCTED EMISSION

#### 4.1.1 Test Limit

According to §15.207(a),

Frequency Range (MHz)	Limits(dB $\mu$ V)	
	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

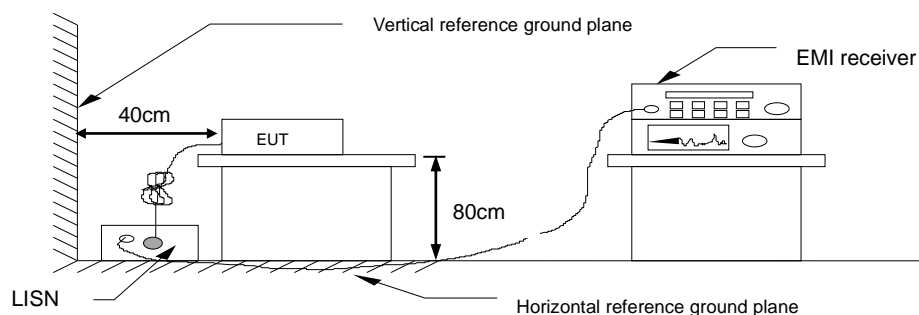
\* Decreases with the logarithm of the frequency.

#### 4.1.2 Test Procedure

Test method Refer as ANSI C63.10: 2013 clause 6.2,

1. The EUT was placed above horizontal ground plane and 0.4m above vertical ground plane
2. EUT connected to the line impedance stabilization network (LISN)
3. Receiver set RBW of 9kHz and Detector Peak, and note as quasi-peak and average.
4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
5. Recorded Line for Neutral and Line.

#### 4.1.3 Test Setup



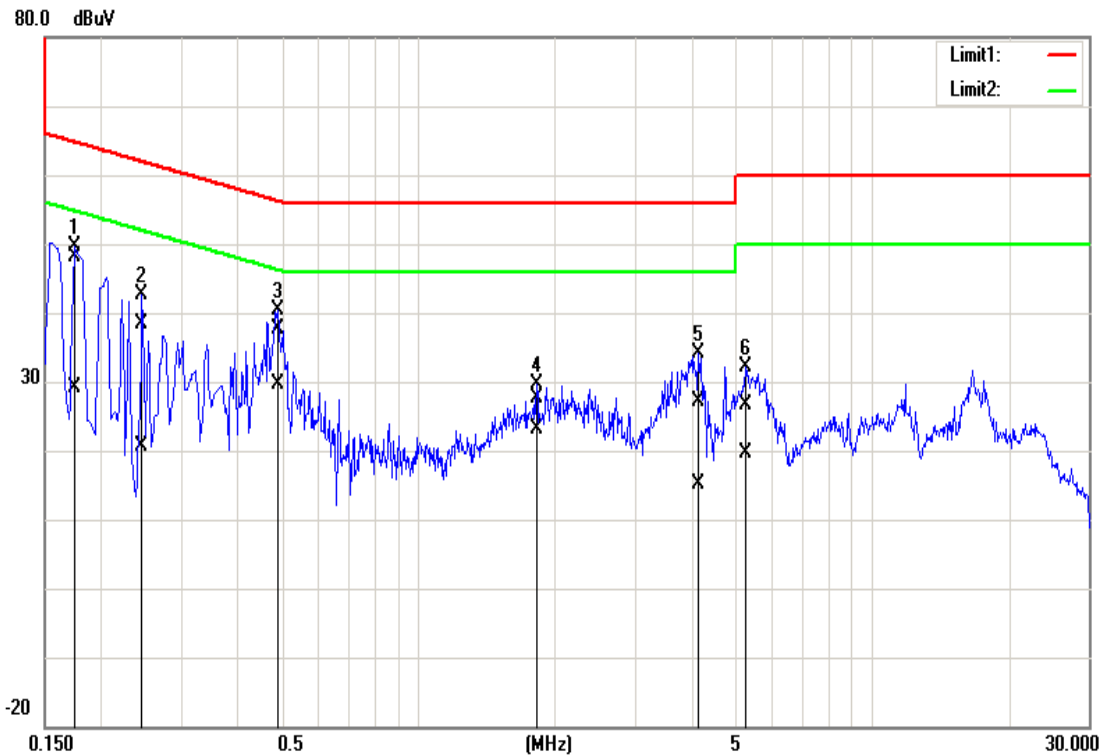
#### 4.1.4 Test Result

Pass.

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**Test Data**

Test Mode:	Mode 1	Temp/Hum	24.3(°C)/ 52%RH
Phase:	Line	Test Date	October 26, 2023
Test Voltage:	120Vac, 60Hz	Test Engineer	Tony Chao

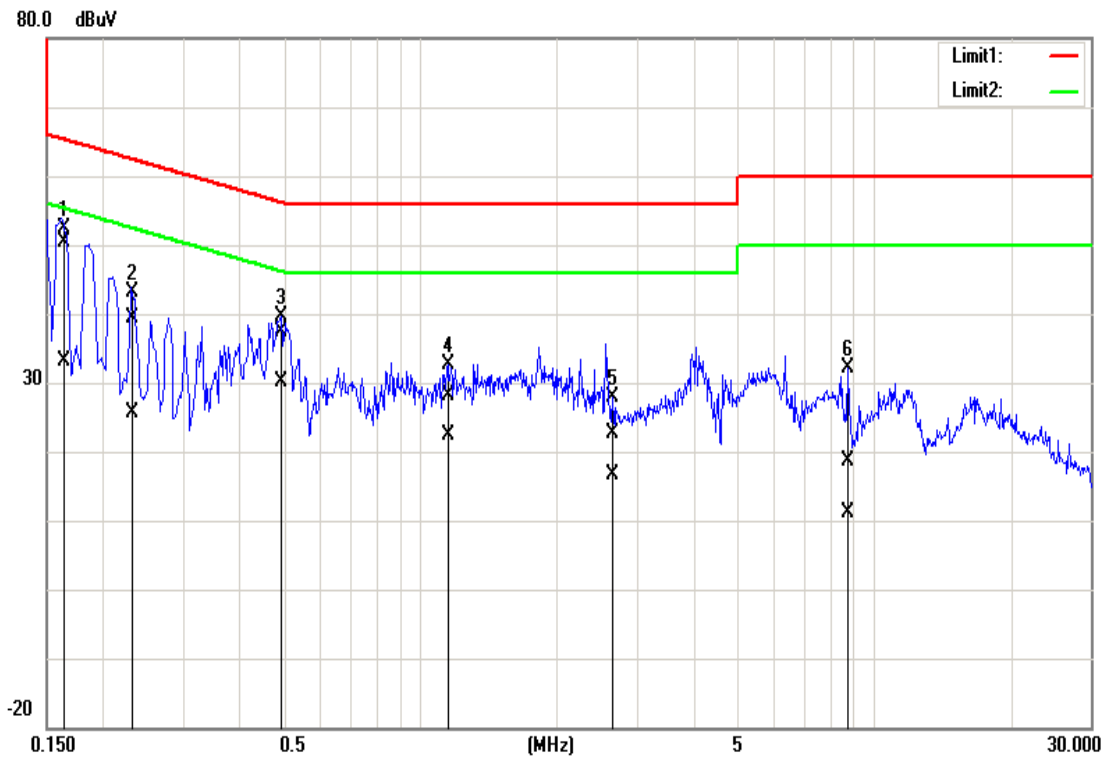


Frequency (MHz)	Quasi Peak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	Quasi Peak result (dBuV)	Average result (dBuV)	Quasi Peak limit (dBuV)	Average limit (dBuV)	Quasi Peak margin (dB)	Average margin (dB)	Remark
0.1740	48.04	29.00	0.15	48.19	29.15	64.77	54.77	-16.58	-25.62	Pass
0.2460	38.22	20.36	0.15	38.37	20.51	61.89	51.89	-23.52	-31.38	Pass
0.4820	37.45	29.60	0.15	37.60	29.75	56.30	46.30	-18.70	-16.55	Pass
1.8220	27.49	22.86	0.21	27.70	23.07	56.00	46.00	-28.30	-22.93	Pass
4.1460	26.76	14.98	0.26	27.02	15.24	56.00	46.00	-28.98	-30.76	Pass
5.2660	26.44	19.30	0.28	26.72	19.58	60.00	50.00	-33.28	-30.42	Pass

Note: Correction factor = LISN loss + Cable loss.

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Test Mode:	Mode 1	Temp/Hum	24.3(°C)/ 52%RH
Phase:	Neutral	Test Date	October 26, 2023
Test Voltage:	120Vac, 60Hz	Test Engineer	Tony Chao

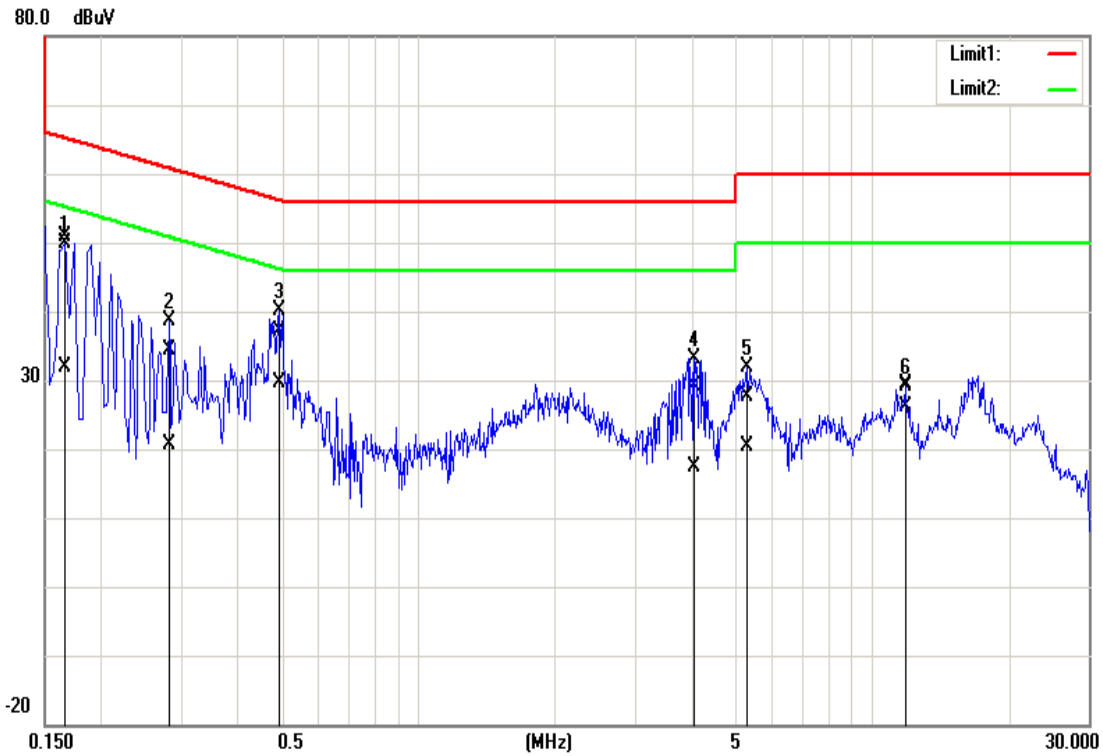


Frequency (MHz)	Quasi Peak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	Quasi Peak result (dBuV)	Average result (dBuV)	Quasi Peak limit (dBuV)	Average limit (dBuV)	Quasi Peak margin (dB)	Average margin (dB)	Remark
0.1660	50.30	32.85	0.19	50.49	33.04	65.16	55.16	-14.67	-22.12	Pass
0.2340	39.22	25.45	0.19	39.41	25.64	62.31	52.31	-22.90	-26.67	Pass
0.4940	37.20	29.98	0.19	37.39	30.17	56.10	46.10	-18.71	-15.93	Pass
1.1500	27.91	22.07	0.22	28.13	22.29	56.00	46.00	-27.87	-23.71	Pass
2.6500	22.36	16.32	0.28	22.64	16.60	56.00	46.00	-33.36	-29.40	Pass
8.7380	18.38	10.72	0.37	18.75	11.09	60.00	50.00	-41.25	-38.91	Pass

Note: Correction factor = LISN loss + Cable loss.

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Test Mode:	Mode 2	Temp/Hum	24.3(°C)/ 52%RH
Phase:	Line	Test Date	October 26, 2023
Test Voltage:	120Vac, 60Hz	Test Engineer	Tony Chao

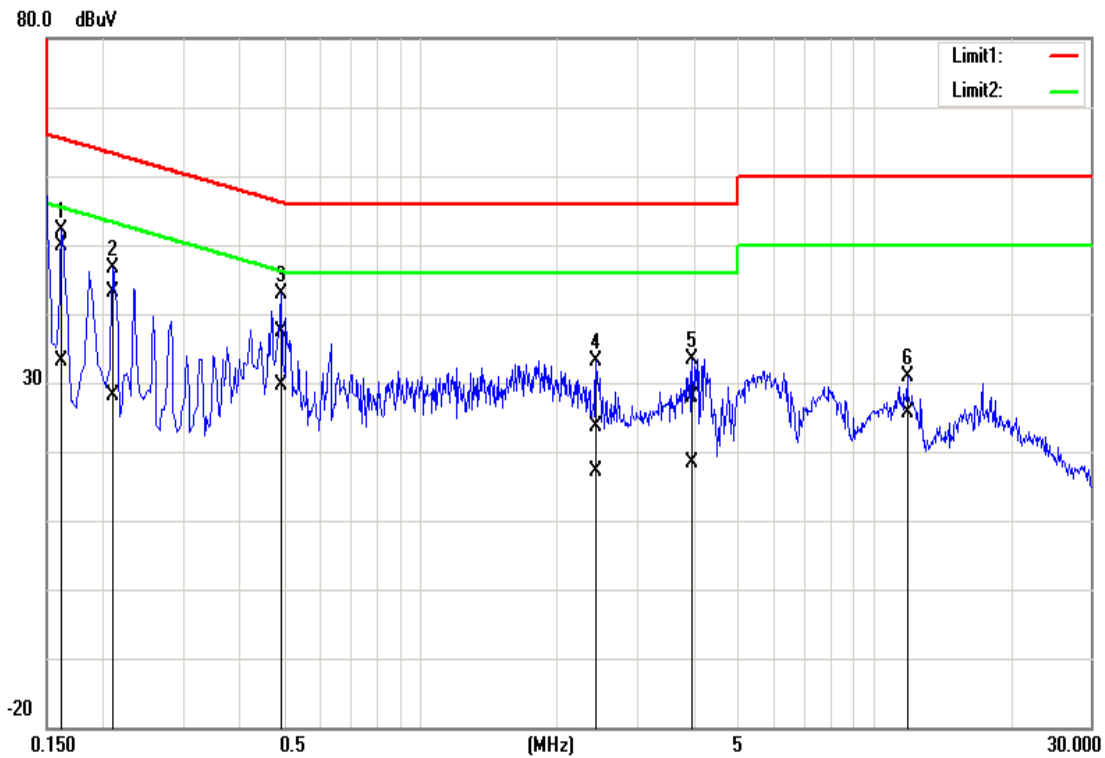


Frequency (MHz)	Quasi Peak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	Quasi Peak result (dBuV)	Average result (dBuV)	Quasi Peak limit (dBuV)	Average limit (dBuV)	Quasi Peak margin (dB)	Average margin (dB)	Remark
0.1660	50.67	31.69	0.15	50.82	31.84	65.16	55.16	-14.34	-23.32	Pass
0.2820	34.30	20.59	0.15	34.45	20.74	60.76	50.76	-26.31	-30.02	Pass
0.4940	36.90	29.50	0.15	37.05	29.65	56.10	46.10	-19.05	-16.45	Pass
4.0580	28.80	17.08	0.26	29.06	17.34	56.00	46.00	-26.94	-28.66	Pass
5.2900	27.39	20.08	0.29	27.68	20.37	60.00	50.00	-32.32	-29.63	Pass
11.8140	29.05	25.87	0.38	29.43	26.25	60.00	50.00	-30.57	-23.75	Pass

Note: Correction factor = LISN loss + Cable loss.

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Test Mode:	Mode 2	Temp/Hum	24.3(°C)/ 52%RH
Phase:	Neutral	Test Date	October 26, 2023
Test Voltage:	120Vac, 60Hz	Test Engineer	Tony Chao



Frequency (MHz)	Quasi Peak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	Quasi Peak result (dBuV)	Average result (dBuV)	Quasi Peak limit (dBuV)	Average limit (dBuV)	Quasi Peak margin (dB)	Average margin (dB)	Remark
0.1620	49.74	32.92	0.20	49.94	33.12	65.36	55.36	-15.42	-22.24	Pass
0.2100	43.02	27.91	0.19	43.21	28.10	63.21	53.21	-20.00	-25.11	Pass
0.4940	37.07	29.54	0.19	37.26	29.73	56.10	46.10	-18.84	-16.37	Pass
2.4420	23.26	16.88	0.27	23.53	17.15	56.00	46.00	-32.47	-28.85	Pass
3.9740	27.63	17.97	0.31	27.94	18.28	56.00	46.00	-28.06	-27.72	Pass
11.8140	30.41	25.16	0.41	30.82	25.57	60.00	50.00	-29.18	-24.43	Pass

Note: Correction factor = LISN loss + Cable loss.



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## 4.2 RADIATION BANDEDGE AND SPURIOUS EMISSION

### 4.2.1 Test Limit

FCC according to §15.247(d), §15.209 and §15.205,

In any 100 kHz bandwidth outside the authorized frequency band, all harmonic and spurious must be least 20 dB below the highest emission level with the authorized frequency band. Radiation emission which fall in the restricted bands must also follow the FCC section 15.209 as below limit in table.

#### Below 30 MHz

Frequency	Field Strength (microvolts/m)	Magnetic H-Field (microamperes/m)	Measurement Distance (metres)
9-490 kHz	2,400/F (F in kHz)	2,400/F (F in kHz)	300
490-1,705 kHz	24,000/F (F in kHz)	24,000/F (F in kHz)	30
1.705-30 MHz	30	N/A	30

#### Above 30 MHz

Frequency (MHz)	Field Strength microvolts/m at 3 metres (watts, e.i.r.p.)	
	Transmitters	Receivers
30-88	100 (3 nW)	100 (3 nW)
88-216	150 (6.8 nW)	150 (6.8 nW)
216-960	200 (12 nW)	200 (12 nW)
Above 960	500 (75 nW)	500 (75 nW)

**Remark:**

Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 30 m open area 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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## 4.2.2 Test Procedure

Test method Refer as ANSI C63.10:2013.

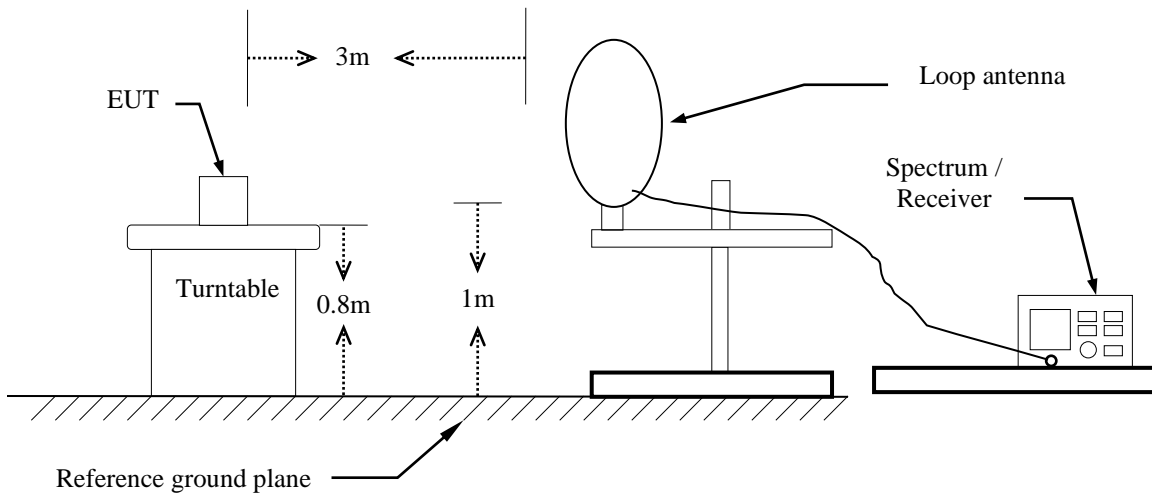
1. The EUT is placed on a turntable, below 1 GHz is 0.8m above ground plane. The EUT Configured un accordance with ANSI C63.10: 2013, and the EUT set in a continuous mode.
2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level. And EUT is set 3m away from the receiving antenna, which is scanned from 1m to 4m above the ground plane to find out the highest emissions. Measurement are made polarized in both the vertical and the horizontal positions with antenna.
3. Span shall wide enough to full capture the emission measured. The SA from 9KHz to 1GHz set to high power channels with the EUT transmit.

Remark:

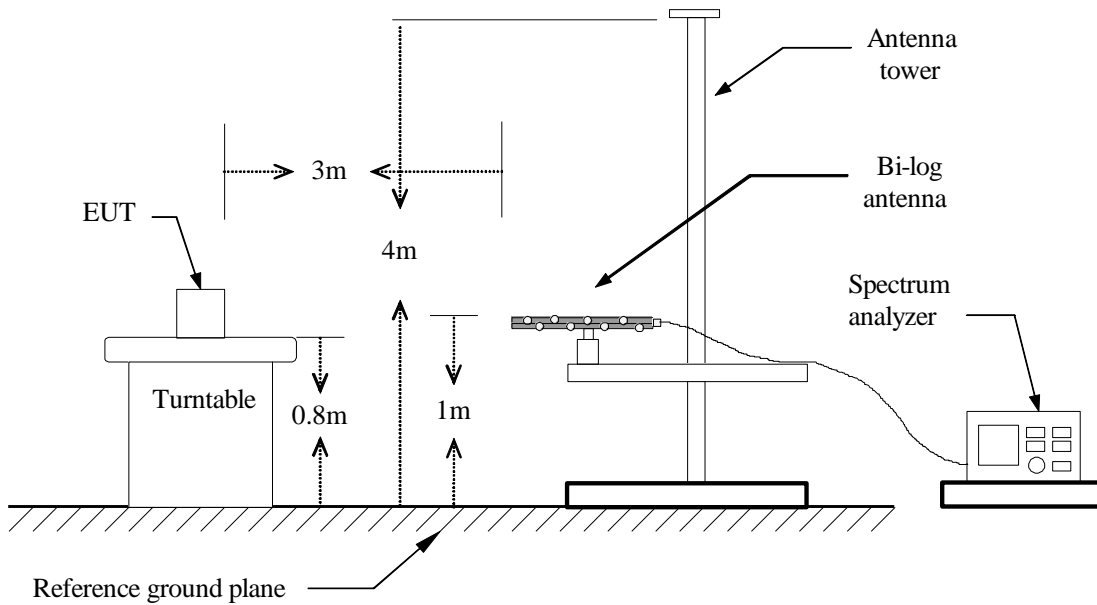
1. Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 30 m open are test site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 414788.
2. No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz).
3. The SA setting following :  
Below 1G : RBW = 100kHz, VBW  $\geq$  3 RBW, Sweep = Auto, Detector = Peak, Trace = Max hold.
4. Data result  
Actual FS=Spectrum Reading Level+Factor  
Margin=Actual FS- Limit

### 4.2.3 Test Setup

#### 9kHz ~ 30MHz



#### 30MHz ~ 1GHz

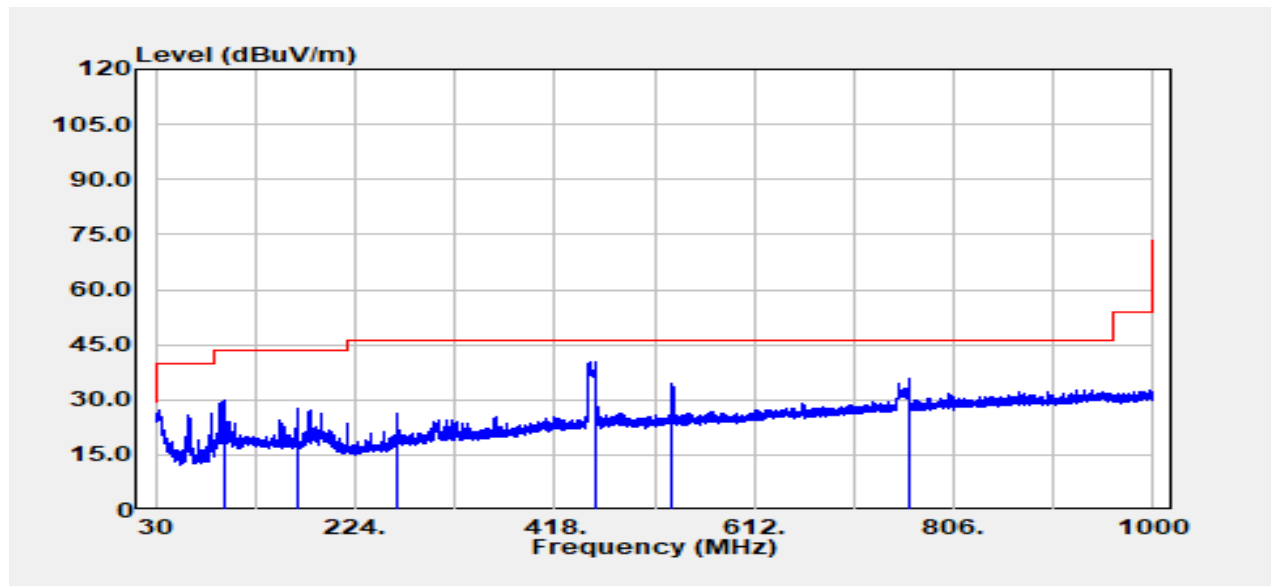


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### 4.2.4 Test Result

#### Below 1G Test Data

Test Mode:	BLE-1Mbps Low CH	Temp/Hum	24.6(°C) / 56%RH
Test Item	30MHz-1GHz	Test Date	October 26, 2023
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak	Test Mode	Mode 1

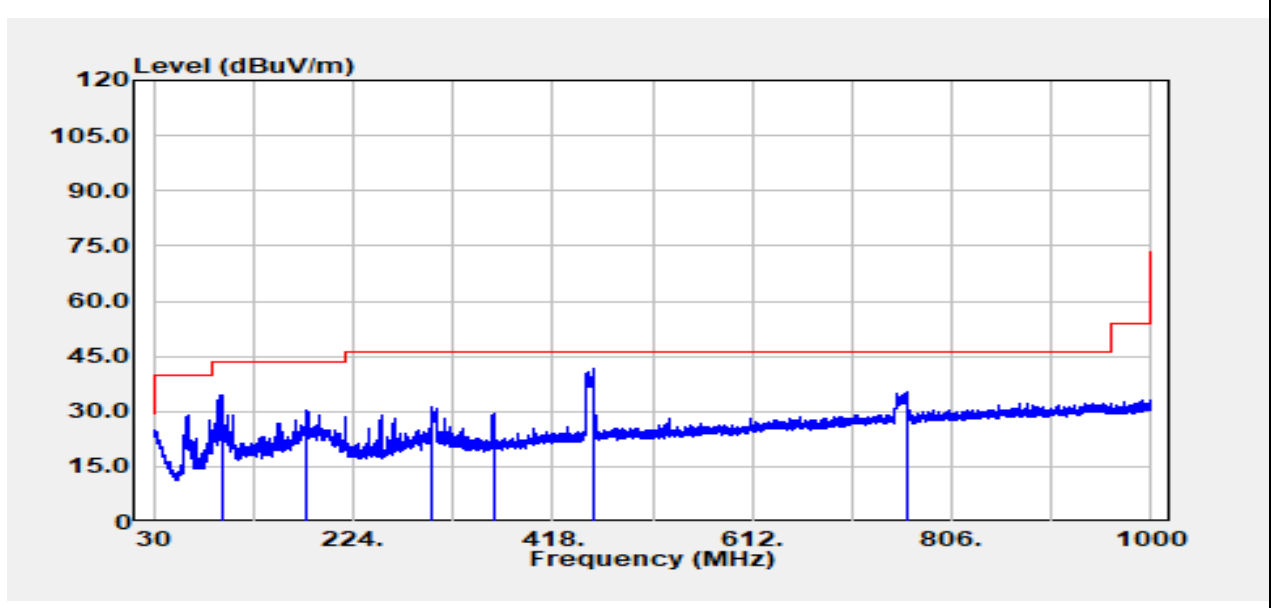


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
95.96	Peak	43.95	-13.90	30.06	43.50	-13.44
167.50	Peak	38.51	-10.99	27.52	43.50	-15.98
264.86	Peak	35.63	-9.55	26.07	46.00	-19.93
457.89	Peak	44.64	-4.29	40.35	46.00	-5.65
531.85	Peak	37.48	-3.14	34.34	46.00	-11.66
762.35	Peak	35.12	0.66	35.78	46.00	-10.22

Note: No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz).

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Test Mode:	BLE-1Mbps Low CH	Temp/Hum	24.6(°C) / 56%RH
Test Item	30MHz-1GHz	Test Date	October 26, 2023
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak	Test Mode	Mode 1

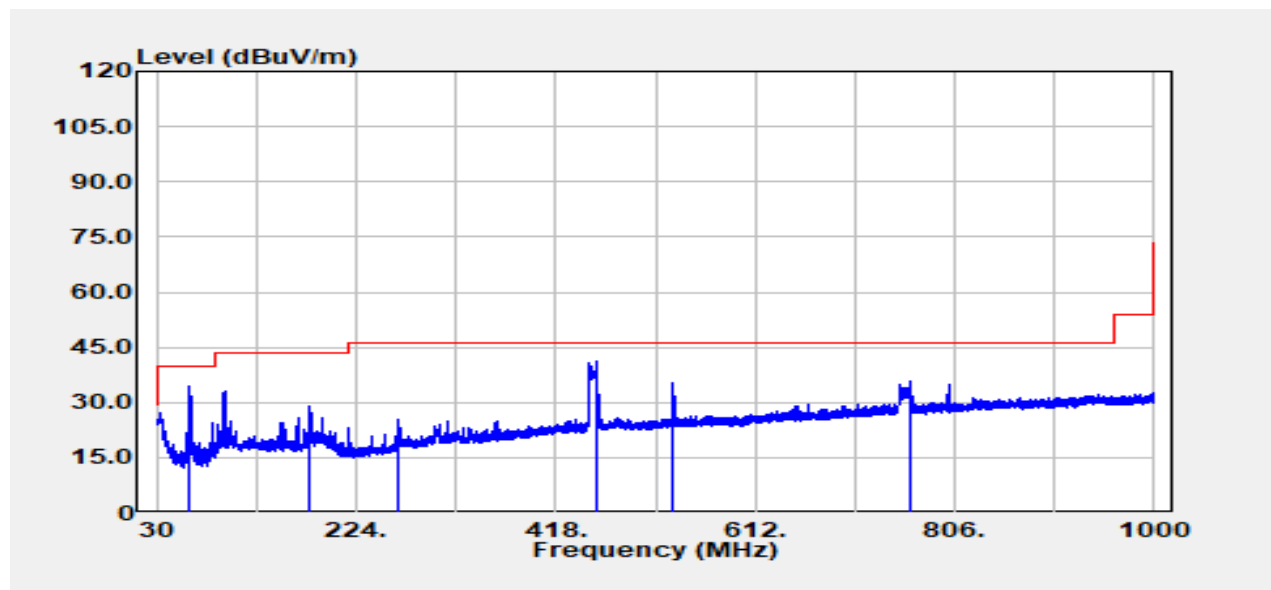


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
96.08	Peak	48.21	-13.85	34.36	43.50	-9.14
179.38	Peak	41.99	-11.56	30.43	43.50	-13.07
300.87	Peak	39.77	-8.65	31.12	46.00	-14.88
360.04	Peak	36.58	-7.18	29.40	46.00	-16.60
457.41	Peak	46.17	-4.30	41.87	46.00	-4.13
762.59	Peak	34.88	0.65	35.53	46.00	-10.47

Note: No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz).

Report No.: TMWK2310003646KR

Test Mode:	BLE-2Mbps Low CH	Temp/Hum	24.6(°C) / 56%RH
Test Item	30MHz-1GHz	Test Date	October 26, 2023
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak	Test Mode	Mode 1

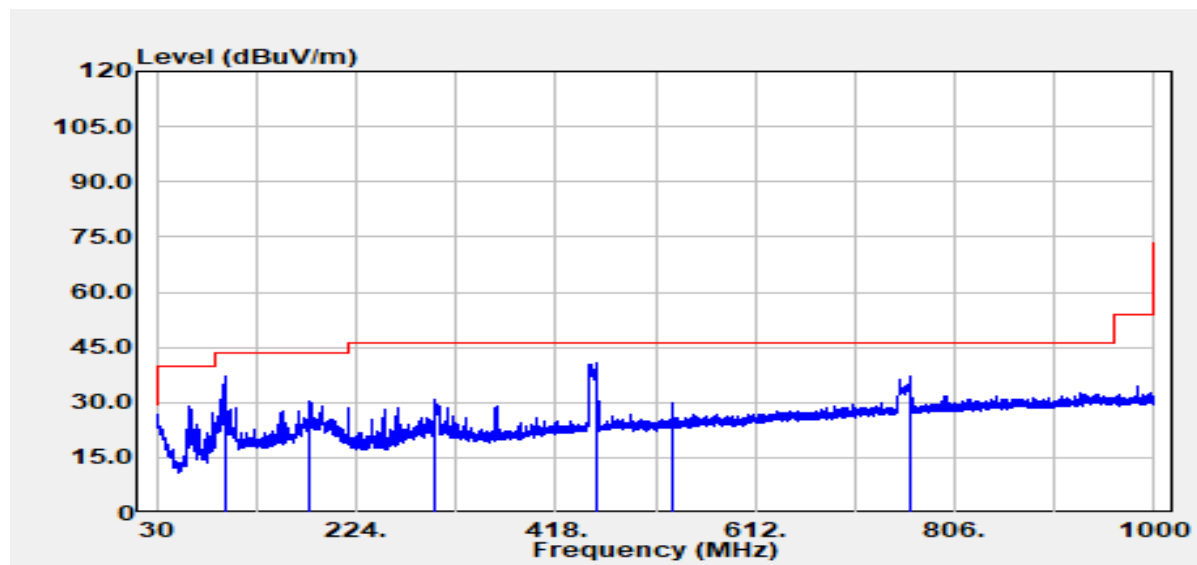


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
62.50	Peak	50.10	-15.72	34.38	40.00	-5.62
179.38	Peak	40.57	-11.56	29.01	43.50	-14.49
265.10	Peak	34.94	-9.52	25.42	46.00	-20.58
457.41	Peak	45.44	-4.30	41.14	46.00	-4.86
531.01	Peak	38.54	-3.14	35.40	46.00	-10.60
762.59	Peak	35.15	0.65	35.81	46.00	-10.19

Note: No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz).

Report No.: TMWK2310003646KR

Test Mode:	BLE-2Mbps Low CH	Temp/Hum	24.6(°C) / 56%RH
Test Item	30MHz-1GHz	Test Date	October 26, 2023
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak	Test Mode	Mode 1

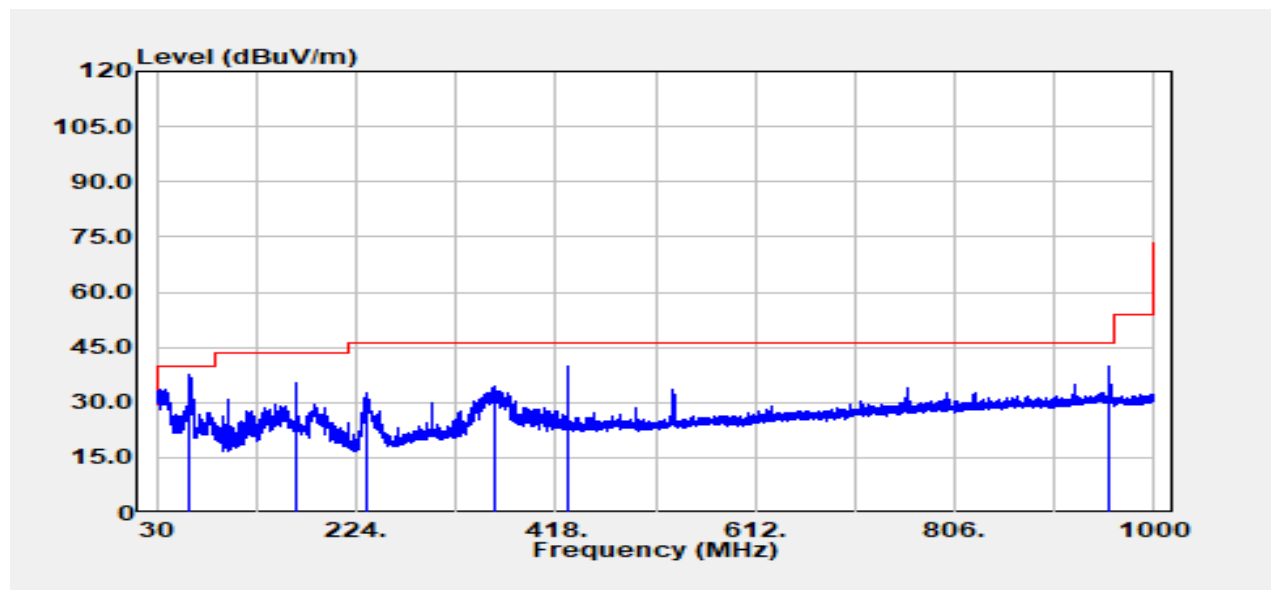


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
95.96	Peak	50.91	-13.90	37.01	43.50	-6.49
179.38	Peak	41.97	-11.56	30.40	43.50	-13.10
301.12	Peak	39.34	-8.64	30.70	46.00	-15.30
457.77	Peak	45.20	-4.29	40.91	46.00	-5.09
531.37	Peak	33.20	-3.14	30.06	46.00	-15.94
763.44	Peak	36.34	0.65	36.99	46.00	-9.01

Note: No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz).

Report No.: TMWK2310003646KR

Test Mode:	BLE-1Mbps Low CH	Temp/Hum	24.6(°C) / 56%RH
Test Item	30MHz-1GHz	Test Date	October 26, 2023
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak	Test Mode	Mode 2



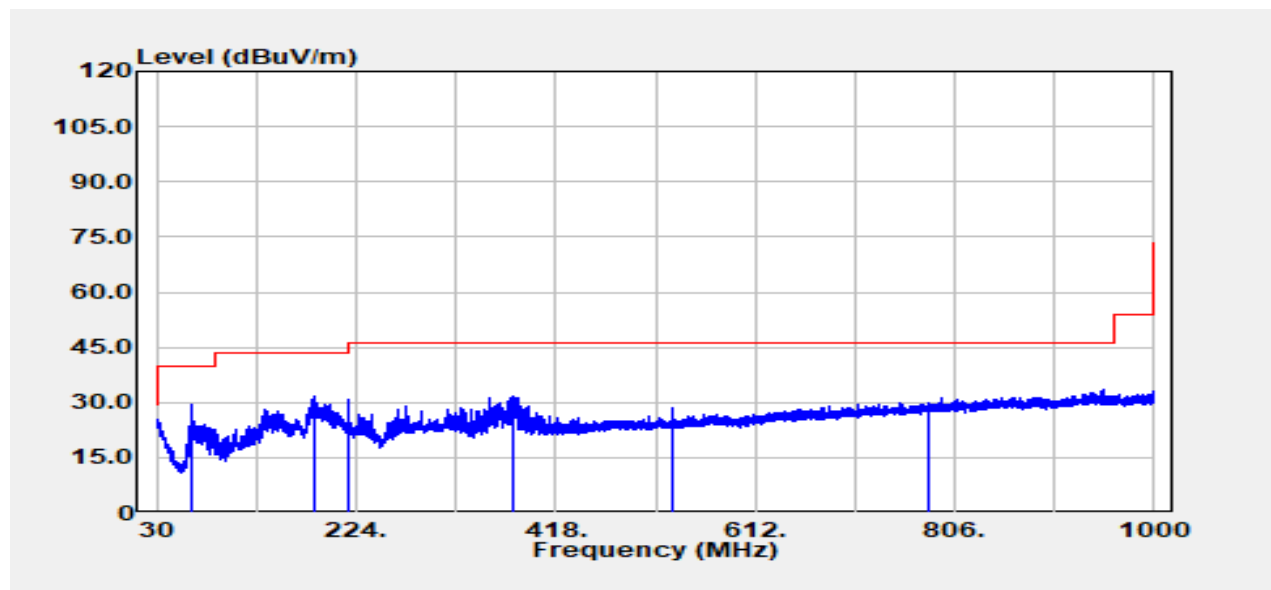
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
61.89	Peak	53.38	-15.75	37.62	40.00	-2.38
164.95	Peak	46.29	-10.90	35.39	43.50	-8.11
233.82	Peak	43.55	-11.06	32.49	46.00	-13.51
357.86	Peak	41.46	-7.24	34.22	46.00	-11.78
429.03	Peak	44.83	-5.04	39.80	46.00	-6.20
956.96	Peak	36.28	3.54	39.82	46.00	-6.18

Note: No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz).



Report No.: TMWK2310003646KR

Test Mode:	BLE-1Mbps Low CH	Temp/Hum	24.6(°C) / 56%RH
Test Item	30MHz-1GHz	Test Date	October 26, 2023
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak	Test Mode	Mode 2

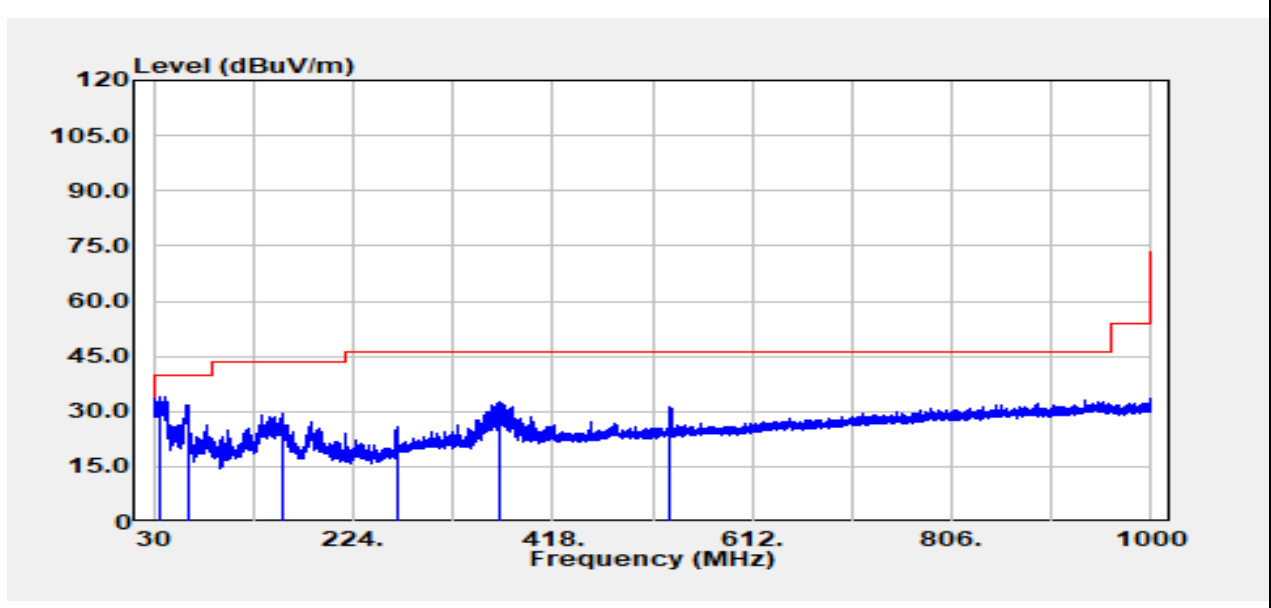


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
64.07	Peak	44.89	-15.48	29.41	40.00	-10.59
184.11	Peak	43.10	-11.63	31.47	43.50	-12.03
216.00	Peak	42.86	-11.94	30.92	43.50	-12.58
375.81	Peak	38.52	-6.82	31.70	46.00	-14.30
531.01	Peak	31.62	-3.14	28.48	46.00	-17.52
779.93	Peak	28.81	1.25	30.05	46.00	-15.95

Note: No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz).

Report No.: TMWK2310003646KR

Test Mode:	BLE-2Mbps Low CH	Temp/Hum	24.6(°C) / 56%RH
Test Item	30MHz-1GHz	Test Date	October 26, 2023
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak	Test Mode	Mode 2

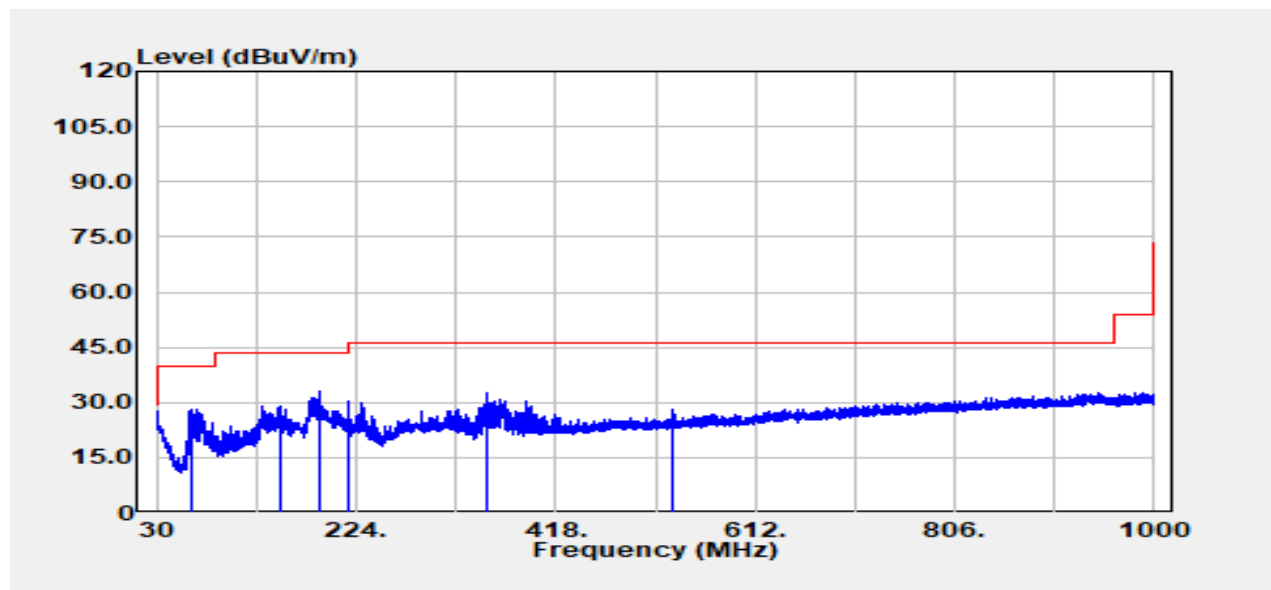


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
35.09	Peak	39.74	-5.79	33.95	40.00	-6.05
63.10	Peak	47.18	-15.69	31.49	40.00	-8.51
156.22	Peak	40.15	-10.57	29.58	43.50	-13.92
267.04	Peak	34.97	-9.36	25.61	46.00	-20.39
366.83	Peak	39.45	-7.04	32.41	46.00	-13.59
531.73	Peak	34.46	-3.14	31.32	46.00	-14.68

Note: No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz).

Report No.: TMWK2310003646KR

Test Mode:	BLE-2Mbps Low CH	Temp/Hum	24.6(°C) / 56%RH
Test Item	30MHz-1GHz	Test Date	October 26, 2023
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak	Test Mode	Mode 2



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
64.19	Peak	43.68	-15.47	28.22	40.00	-11.78
149.67	Peak	39.24	-10.37	28.87	43.50	-14.63
187.50	Peak	44.56	-11.55	33.01	43.50	-10.49
216.00	Peak	42.36	-11.94	30.42	43.50	-13.08
351.68	Peak	39.98	-7.48	32.50	46.00	-13.50
531.25	Peak	31.01	-3.14	27.87	46.00	-18.13

Note: No emission found between lowest internal used/generated frequency to 30MHz (9kHz~30MHz).

**--End of Test Report--**