



Test report No: 2470952R-E3012110001-A

FCC TEST REPORT

Product Name	Peplink Pepwave Wireless Product
Trademark	 PEPWAVE
Model and /or type reference	B One 5G B-ONE-5GN-T-PRM B One Plus B-ONE-PLUS-LTE-US-T-PRM
FCC ID	U8G-P1AX23
Applicant's name / address	PISMO LABS TECHNOLOGY LIMITED A8, 5/F, HK Spinners Industrial Building, Phase 6, 481 Castle Peak Road, Cheung Sha Wan, Hong Kong
Manufacturer's name / address	PISMO LABS TECHNOLOGY LIMITED A8, 5/F, HK Spinners Industrial Building, Phase 6, 481 Castle Peak Road, Cheung Sha Wan, Hong Kong
Test method requested, standard	FCC CFR Title 47 Part 15 Subpart B:2023, Class A
Verdict Summary	IN COMPLIANCE
Documented By (Adm. Specialist / Peggy Tu)	
Approved By (Director / Vincent Lin)	
Date of Report	2024/07/31
Date of Issue	2024/08/28
Report No.	2470952R-E3012110001-A
Report Version	V1.0

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Test Photos: Please refer to the file: 2470952R-E3012110001-A -Test Photos

Product Photos: Please refer to the file: 2470952R-Product Photos

Competences and Guarantees

DEKRA is a testing laboratory competent to carry out the tests described in this report.

In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

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The results presented in this Test Report apply only to the particular item under test established in this document.

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General conditions

1. The test results relate only to the samples tested.
2. The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.
3. This report must not be used to claim product endorsement by TAF or any agency of the government.
4. The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd.
5. Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

Revision History

Report No.	Version	Description	Issued Date
2470952R-E3012110001-A	V1.0	Initial issue of report.	2024-08-28

1. General Information

1.1. EUT Description

Product Name	Peplink Pepwave Wireless Product		
Trademark	 PEPWAVE		
Model No.	B One 5G B-ONE-5GN-T-PRM B One Plus B-ONE-PLUS-LTE-US-T-PRM		
EUT Max Frequency	5850 MHz		
EUT Rated Voltage	Power Port	DC 10~30V AC 120V/60Hz to DC 12V (Power by adapter)	
EUT Test Voltage	DC 30V AC 120V/60Hz to DC 12V (Power by adapter)		

Component	
Power Adapter (1)	MFR: FLYPOWER M/N: PS36LA120K3000UD Input: 100-240V~ 50/60Hz, 1.0A Output: 12.0V — 3.0A, 36.0W Cable Out: Non-Shielded, 1.5m
Power Adapter (2)	MFR: Zhuzhou Dachuan Electronic Technology Co.,Ltd. M/N: DCT36W120300ZZ-D2 Input: 100-240V~ 50/60Hz, 1.0A Output: 12.0V — 3.0A, 36.0W Cable Out: Non-Shielded, 1.5m
Bluetooth Antenna	MFR: Airgain M/N: N01AKACE Antenna Type: Embedded
WLAN Antenna	MFR: INPAQ M/N: RFDPA191300SBLB813 Antenna Type: Omni-directional
Cellular Antenna	MFR: INPAQ M/N: DAM-D3-B3-N0-000-58-13 Antenna Type: Omni-directional

Note:

1. This report was based on DEKRA report No.: 2360237R-E3012110001-A.
2. The difference is models (B One 5G, B-ONE-5GN-T-PRM, B One Plus, B-ONE-PLUS-LTE-US-T-PRM) adding FTDI components addition.
3. Added new e-SIM (M/N: MFXS-M006B-MFOCMW).

Model	WWAN module	WWAN function	WIFI function	BT function
B One 5G	Quectel RM520N-GL	V	V	V
B-ONE-5GN-T-PRM				
B One Plus	Quectel EC25-AFXD	V	V	V
B-ONE-PLUS-LTE-US-T-PRM				

1.2. Mode of Operation

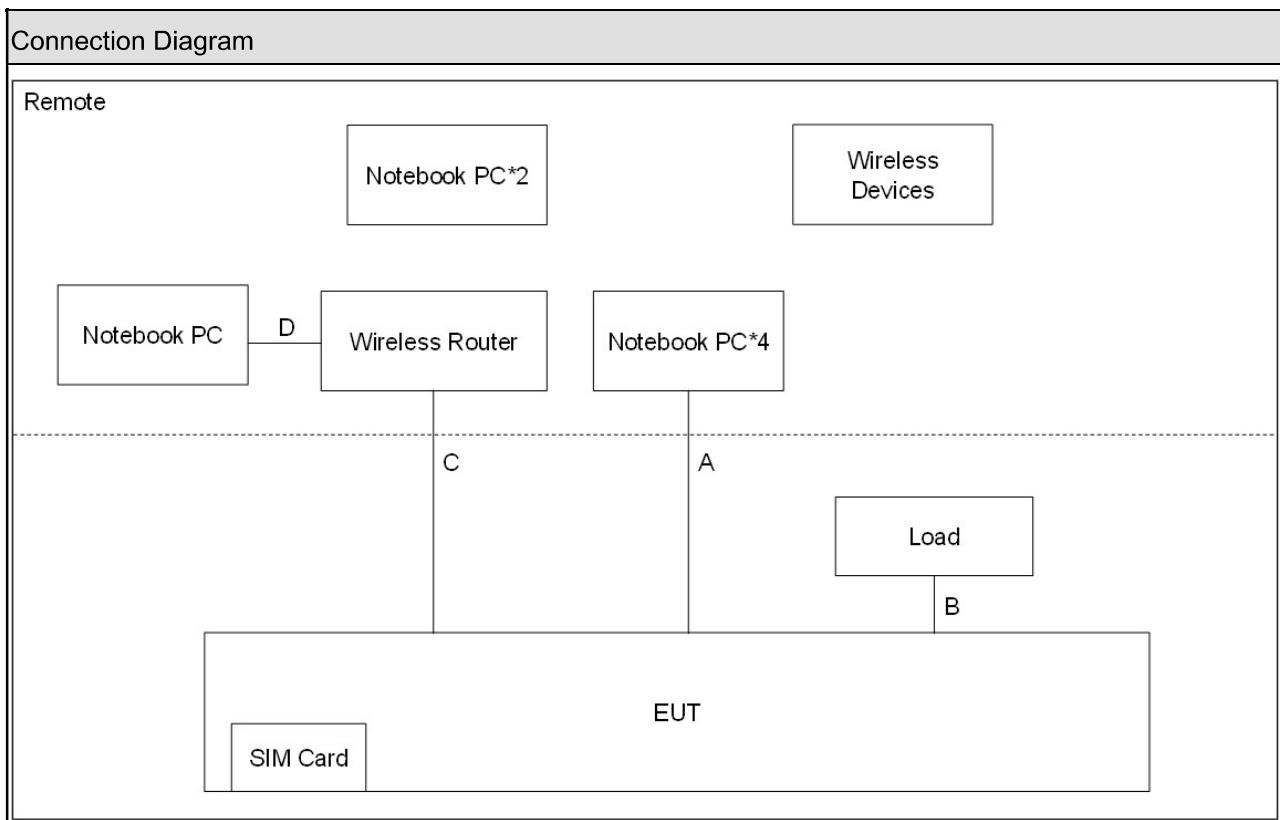
DEKRA has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

Pre-Test Mode (Conducted Emission)	
Mode 1:	B One 5G, Normal Operation(LAN 1Gbps + WAN 1Gbps + WiFi 2.4G + WiFi 5G + BT + USB Type C Discharge Function + WWAN Link 5GNR n77 + Cellular Sim Card Slot-A, Molex Power port, DC 12V Power Adapter (1)
Mode 2:	B One Plus, Normal Operation(LAN 1Gbps + WAN 1Gbps + WiFi 2.4G + WiFi 5G + BT + USB Type C Discharge Function + WWAN Link WCDMA B2 + Cellular Sim Card Slot-A, Molex Power port, DC 12V Power Adapter (1)
Mode 3:	B One Plus, Normal Operation(LAN 1Gbps + WAN 1Gbps + WiFi 2.4G + WiFi 5G + BT + USB Type C Discharge Function + WWAN Link WCDMA B2 + eSIM, Molex Power port, DC 12V Power Adapter (1)
Pre-Test Mode (Radiated Emission)	
Mode 1:	B One 5G, Normal Operation(LAN 1Gbps + WAN 1Gbps + WiFi 2.4G + WiFi 5G + BT + USB Type C Discharge Function + WWAN Link WCDMA B2 + Cellular Sim Card Slot-A, Molex Power port, DC 30V
Mode 2:	B One Plus, Normal Operation(LAN 1Gbps + WAN 1Gbps + WiFi 2.4G + WiFi 5G + BT + USB Type C Discharge Function + WWAN Link WCDMA B2 + Cellular Sim Card Slot-A, Molex Power port, DC 30V
Mode 3:	B One Plus, Normal Operation(LAN 1Gbps + WAN 1Gbps + WiFi 2.4G + WiFi 5G + BT + USB Type C Discharge Function + WWAN Link WCDMA B2 + eSIM, Molex Power port, DC 30V
Final Test Mode	
Conducted Emission	Mode 2
Radiated Emission	Mode 2

Note:

1. Refer to Certified Cellular module report worst band to test.
2. The worst Sim Card Slot is Slot-A.
3. This product supports client/master mode, but it does not affect EMC testing after evaluation.
4. This product has two different e-SIM, it does not affect EMC testing after evaluation.

1.3. Configuration & Details of Tested System



Tested System Details				
Product	Manufacturer	Model No.	No.	Cable Type & Description
Notebook PC*4	N/A	N/A	A	LAN*4, non-Shielded 3m
Load	N/A	N/A	B	USB-C, shielded 0.8m
Wireless Router	ASUS	ROG GAPTURE GT-AXE11000	C	LAN*2, non-Shielded 3m
Notebook PC	Lenovo	TP00116D	D	LAN, non-Shielded 1m
Notebook PC*2	Lenovo	ThinkPad T490		
SIM Card	N/A	N/A		
Wireless Devices Inf.				
Product	Manufacturer	Model No.		
Wireless Router	ASUS	RT-AC58U		
Wireless Router	ASUS	ROG RAPTURE GT-AXE11000		
Base Station	R&S	CMW500		
UXM 5G Wireless Test Platform	Keysight	E7515B		
GPS Simulator	Orolia	GSG-5		

Note:

- Use Full system setup configuration determines Worst-Case Mode.
- Use 2dB law program determines Max. Cable Configuration and Worst-Case Mode.
- Radiated emission item test: Performed using the Horn Antenna 3dB Beamwidth to 3m from the EUT size sufficient to cover the procedure.
- Radiated emission item test: Performed using the Horn Antenna 3dB Beamwidth non 3m distance sufficient to cover the size of the EUT program.

1.4. EUT Exercise Software

1	Setup the EUT and simulators as shown on 1.3.
2	Turn on the power of all equipment.
3	All the features of the EUT operation normally.

2. Technical Test

2.1. Summary of Test Result

No deviations from the test standards
 Deviations from the test standards as below description:

Emission				
Performed Item	Normative References	Test Performed	Test Site	Verdict
Conducted Emission (Class A)	FCC CFR Title 47 Part 15 Subpart B:2023	Yes	LK-SR01	Pass
Radiated Emission (Class A)	FCC CFR Title 47 Part 15 Subpart B:2023	Yes	LK-Site02 LK-CB05	Pass

Note:

1. Test Site information refers to test Laboratory Information.
2. The test facility, measurement instrumentation and measurement methods used for verifying the compliance of ITE or digital apparatus with FCC CFR Title 47 Part 15 Subpart B shall comply either with the requirements in ANSI C63.4.

Test Laboratory:	DEKRA Testing and Certification Co., Ltd. Linkou Laboratory
Address:	No.5-22, Ruishukeng Linkou District, New Taipei City, 24451, Taiwan, R.O.C
Phone number:	+886-2-8601-3788
Fax number:	+886-2-8601-3789
Test Site	
LK:	No.5-22, Ruishukeng Linkou District, New Taipei City, 24451, Taiwan, R.O.C
FS:	No.6, Lane 75, Wenlin St., Linkou Dist., New Taipei City, 244017, Taiwan, R.O.C No. 85, Wenlin St., Linkou Dist., New Taipei City, 244017, Taiwan, R.O.C
HY:	No.26, Huaya 1 st Rd., Guishan Dist., Taoyuan City 333411, Taiwan, R.O.C

2.2. List of Test Equipment

Conducted Emission / LK-SR01

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Due Date
Receiver	R&S	ESR3	102041	2024/7/10	2025/7/9
Two-Line V-Network	R&S	ENV216	101478	2023/9/13	2024/9/12
Two-Line V-Network	R&S	ESH3-Z5	836679/023	2024/7/9	2025/7/8
Impedance Stabilization Network	TESEQ	ISN T800	30303	2024/8/6	2026/8/5
Impedance Stabilization Network	TESEQ	ISN T8-Cat6	29669	2023/12/8	2024/12/7
Coupling And Decoupling Network	TESEQ	ISN ST08	33998	2023/12/6	2024/12/5
Coaxial Cable	SUHNER	RG 400	LC016-RG	2024/6/15	2025/6/14
Note : ISN T800 for LAN 10Mbps to 1Gbps, T8-Cat6 for LAN above 1Gbps, ST08 for Shielded LAN					
Test Software version : e3 V9					

Note:Test Receiver Detector:Quasipeak and Average Bandwidth:9kHz

Radiated Emission (Below 1GHz) / LK-Site02

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Due Date
Bilog Antenna	Schaffner	CBL6112B	2922	2023/11/23	2024/11/22
Receiver	R&S	ESCI	100647	2024/07/16	2025/7/15
Coaxial Cable	SUHNER	RG 214	LC002A-RG	2024/5/22	2025/5/21
Coaxial Cable	SUHNER	RG 214	LC002B-RG	2024/5/22	2025/5/21
Coaxial Switch	Anritsu	MP59B	6201711525	2024/5/22	2025/5/21
Preamplifier	Jet-Power	JPA-10M1G33	170101000330009	2024/5/22	2025/5/21
NSA	DEKRA	N/A	N/A	2024/5/22	2025/5/21
Test Software version : e3 V9					

Note:Test Receiver Detector:Quasipeak Bandwidth:120kHz

Radiated Emission (Above 1GHz) / LK-CB05

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Due Date
Double Ridged Guide Horn Antenna	ETS-Lindgren	3117	00202723	2023/10/30	2024/10/29
Horn Antenna	COM-POWER	AH-840	101043	2024/5/15	2025/5/14
Receiver	R&S	ESU26	100433	2024/4/16	2025/4/15
Signal Analyzer	R&S	FSV40	101176	2024/4/25	2025/4/24
Coaxial Cable	SUHNER	SUCOFLEX 106	LC031-SF	2024/6/18	2025/6/17
Coaxial Cable	ROSNOL	MP533A	AC025-MP	2024/6/18	2025/6/17
Coaxial Cable	VEGINEAN	VCA-VA500	HQ011C	2024/7/6	2025/7/5
Coaxial Cable	SUHNER	SUCOFLEX 104	LC034-SF	2024/6/18	2025/6/17
Preamplifier	SGH	PRAMP118	20200921-1	2024/4/3	2025/4/2
Microwave Preamplifier with cable	EMCI	EMC184045SE	980370	2024/4/3	2025/4/2
VSWR	DEKRA	N/A	N/A	2024/6/20	2025/6/19
Test Software version : e3 V9					

2.3. Measurement Uncertainty

Test Items	Uncertainty
Conducted Emission	± 2.40 dB
Radiated Emission (Below 1GHz)	± 5.50 dB
Radiated Emission (Above 1GHz)	± 4.70 dB

2.4. Test Environment

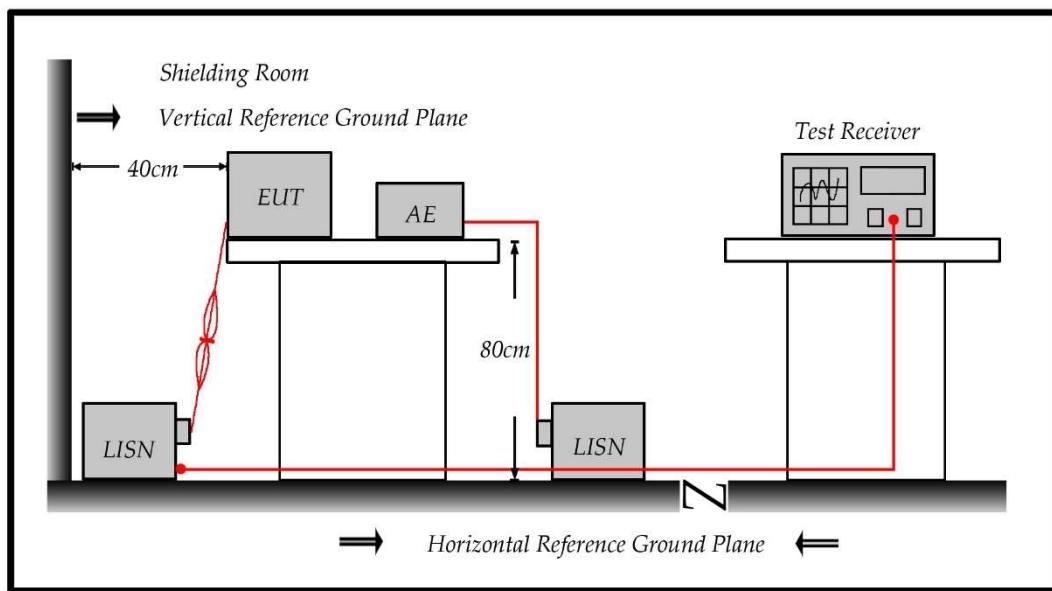
Performed Item	Items	Required
Conducted Emission	Temperature (°C)	10-40
	Humidity (%RH)	10-90
Radiated Emission	Temperature (°C)	10-40
	Humidity (%RH)	10-90

3. Conducted Emission

3.1. Test Specification

According to Standard : FCC Part 15 Subpart B & CISPR 22

3.2. Test Setup



3.3. Limit

Conducted emissions limits (AC mains power terminals)				
Frequency range (MHz)	Class A Quasi-peak (dB μ V)	Class A Average (dB μ V)	Class B Quasi-peak (dB μ V)	Class B Average (dB μ V)
0.15 – 0.5	79	66	66 to 56	56 to 46
0.5 - 5	73	60	56	46
5 - 30	73	60	60	50

Note:

1. The more stringent limit applies at transition frequencies.
2. The limit level in dB μ V decreases linearly with the logarithm of frequency

3.4. Test Procedure

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination.

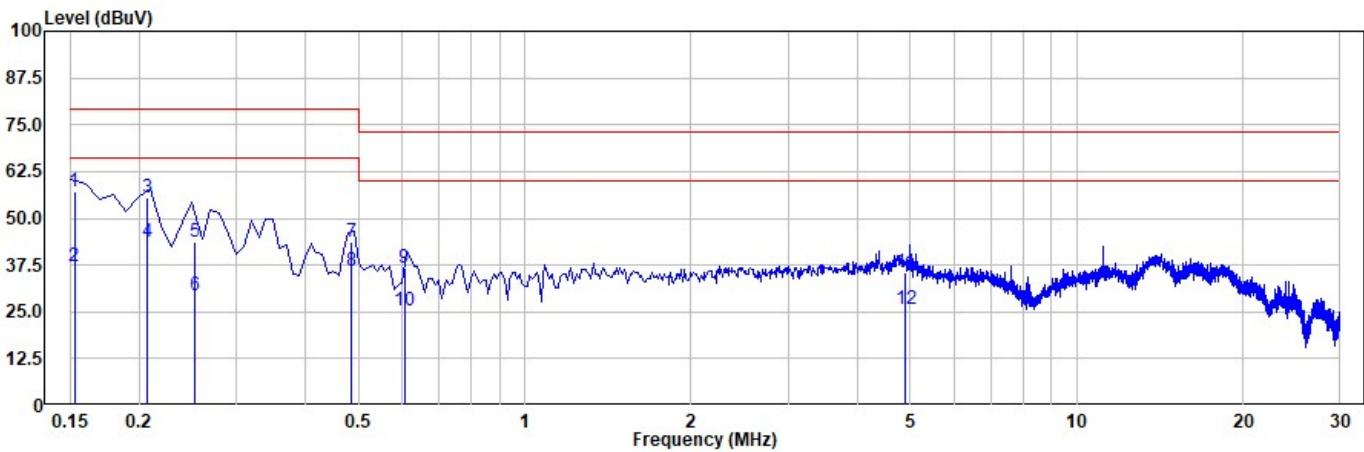
(Please refers to the block diagram of the test setup and photographs.)

Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed on conducted measurement.

Conducted emissions were invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

3.5. Test Result

Model No	B One Plus	Site	LK-SR01
Test Voltage	AC 120V/60Hz to DC 12V (Power by adapter)	Test Date	2024-08-14
Test Mode	Mode 2	Engineer	Aby Guo
Phase	Line	Temperature (°C)	23
Test Condition	--	Humidity (%RH)	52

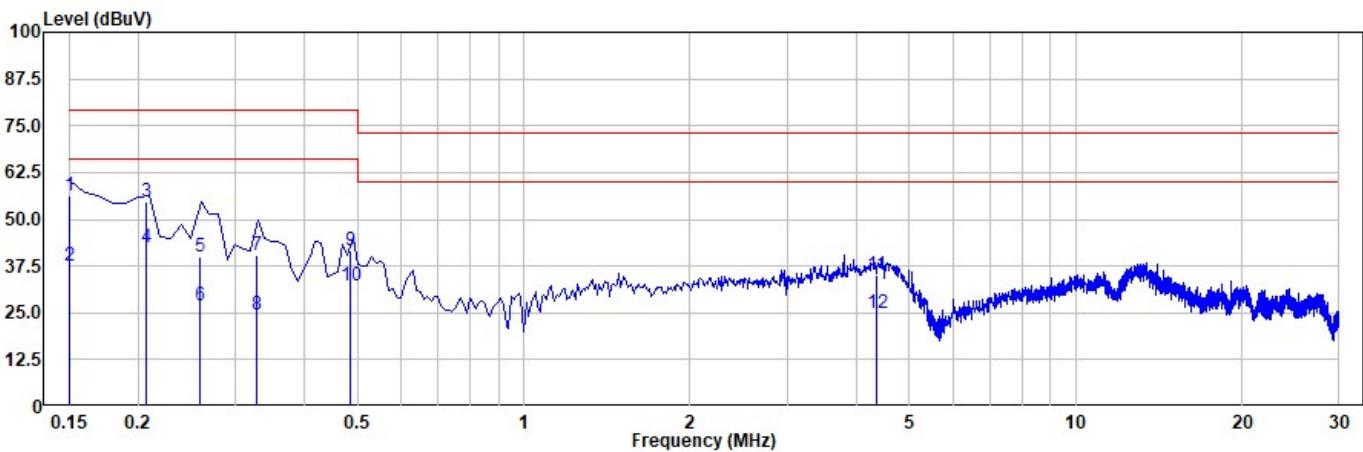


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1*	0.153	57.21	79.00	-21.79	47.41	9.80	QP
2	0.153	37.09	66.00	-28.91	27.29	9.80	Average
3	0.208	55.48	79.00	-23.52	45.67	9.81	QP
4	0.208	43.74	66.00	-22.26	33.94	9.81	Average
5	0.252	43.63	79.00	-35.37	33.82	9.81	QP
6	0.252	29.40	66.00	-36.60	19.59	9.81	Average
7	0.485	43.71	79.00	-35.29	33.87	9.84	QP
8	0.485	36.06	66.00	-29.94	26.22	9.84	Average
9	0.605	36.79	73.00	-36.21	26.93	9.85	QP
10	0.605	25.18	60.00	-34.82	15.33	9.85	Average
11	4.889	35.36	73.00	-37.64	25.29	10.06	QP
12	4.889	25.66	60.00	-34.34	15.60	10.06	Average

Remark:

- ** means this data is the worst margin; ! means this data is over limit.
- Emission Level=Reading Level + Correct Factor (Correct Factor=LISN Factor+Cable Loss).
- Margin=Emission Level-Limit

Model No	B One Plus	Site	LK-SR01
Test Voltage	AC 120V/60Hz to DC 12V (Power by adapter)	Test Date	2024-08-14
Test Mode	Mode 2	Engineer	Aby Guo
Phase	Neutral	Temperature (°C)	23
Test Condition	--	Humidity (%RH)	52



No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1*	0.150	56.30	79.00	-22.70	46.58	9.72	QP
2	0.150	37.36	66.00	-28.64	27.64	9.72	Average
3	0.207	54.80	79.00	-24.20	45.06	9.74	QP
4	0.207	42.52	66.00	-23.48	32.78	9.74	Average
5	0.259	39.99	79.00	-39.01	30.25	9.74	QP
6	0.259	26.80	66.00	-39.20	17.06	9.74	Average
7	0.328	40.27	79.00	-38.73	30.52	9.75	QP
8	0.328	24.58	66.00	-41.42	14.82	9.75	Average
9	0.486	41.54	79.00	-37.46	31.77	9.77	QP
10	0.486	32.24	66.00	-33.76	22.48	9.77	Average
11	4.352	35.01	73.00	-37.99	25.06	9.95	QP
12	4.352	25.09	60.00	-34.91	15.14	9.95	Average

Remark:

- ** means this data is the worst margin; ! means this data is over limit.
- Emission Level=Reading Level + Correct Factor (Correct Factor=LISN Factor+Cable Loss).
- Margin=Emission Level-Limit

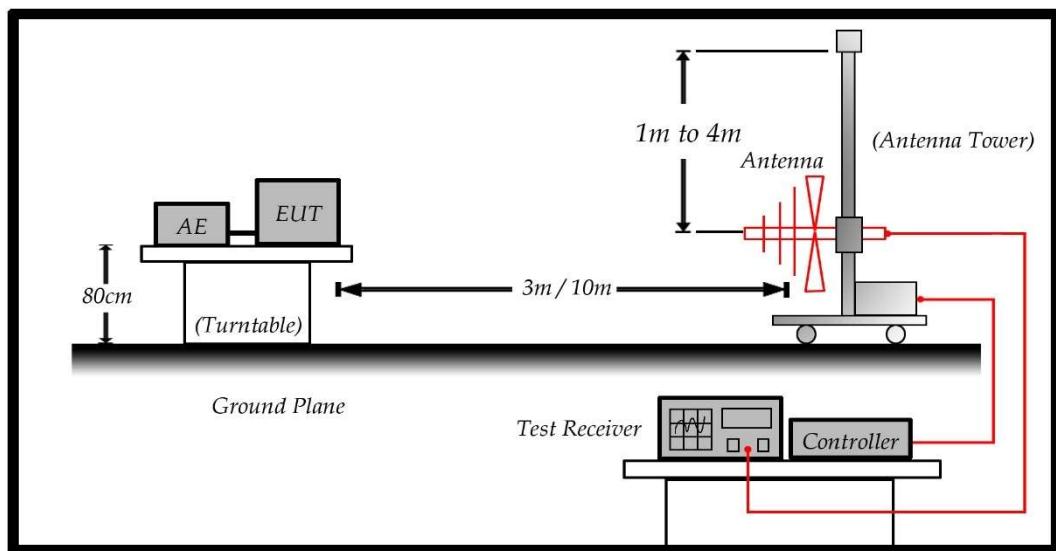
4. Radiated Emission

4.1. Test Specification

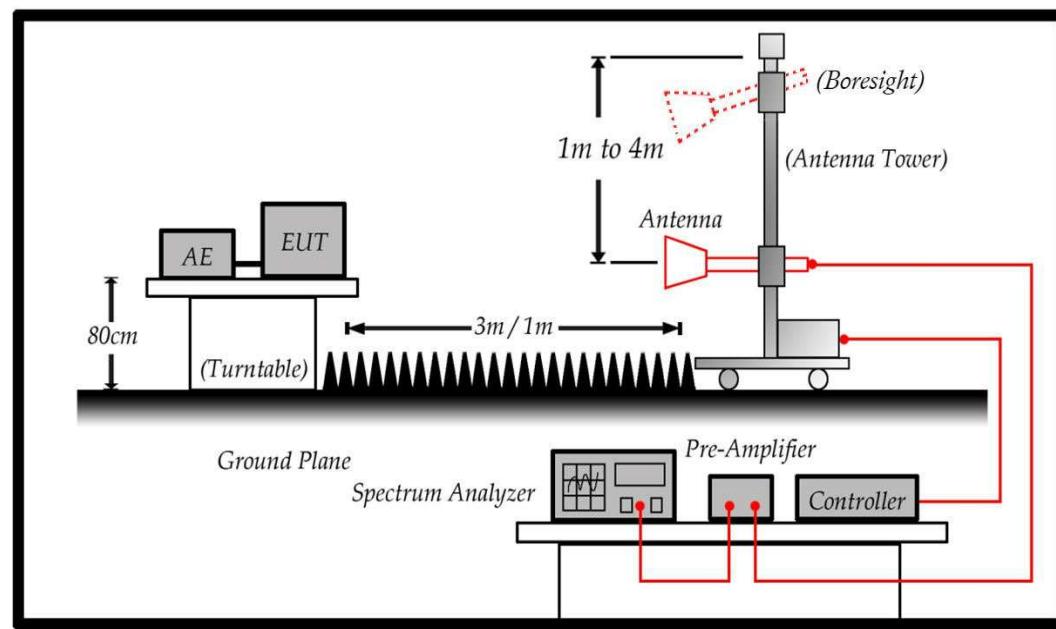
According to Standard : FCC Part 15 Subpart B & CISPR 22

4.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limit

Above 1GHz test shall not exceed the following value:

FCC Part 15 Subpart B Paragraph 15.109 Limits (dBuV/m)		
Frequency (MHz)	Distance(m)	dBuV/m
30-88	10	39
88-216	10	43.5
216-960	10	46.4
960-1000	10	49.5
1000-40000	3	59.5
18000-40000	1	69.54

Remark:

1. The tighter limit shall apply at the edge between two frequency bands.
2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
3. RF Voltage (dBuV/m) = $20 \log \text{RF Voltage (uV/m)}$

4.4. Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground.

The turn table can rotate 360 degrees to determine the position of the maximum emission level and the antenna (boresight antenna tower) can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated on radiated measurement.

For an unintentional radiator, including a digital device, the spectrum shall be investigated from the lowest radio frequency signal generated or used in the device, without going below the lowest frequency for which a radiated emission limit is specified, up to the frequency shown in the following table:

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705 – 108	1000
108 – 500	2000
500 – 1000	5000
Above 1000	5 th harmonic of the highest frequency or 40 GHz, whichever is lower

On any frequency or frequencies below or equal to 1000MHz, the radiated limits shown are based on measuring equipment employing a quasi-peak detector function and above 1000MHz, the radiated limits shown are based on measuring equipment employing an average detector function.

When average radiated emission measurement are included emission measurement Above 1000MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.

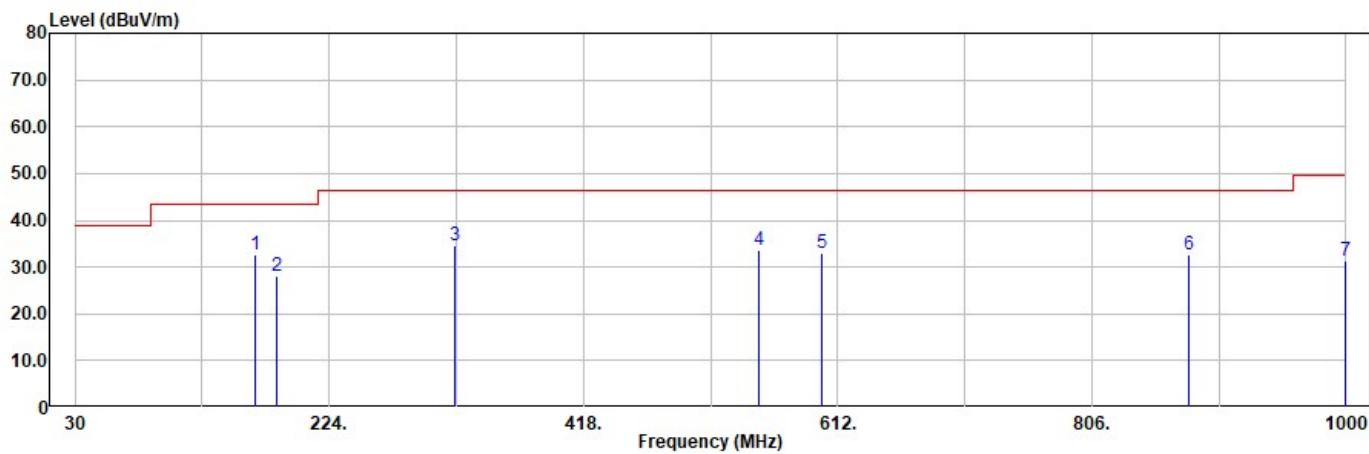
For class A, the measurement distance between the EUT and antenna is 10 meters for under 1GHz and above 1GHz.

For class B, the measurement distance between the EUT and antenna is 10 meters for under 1GHz and 3 meters for above 1GHz.

The bandwidth below 1GHz setting on the field strength meter (Test Receiver) is 120 kHz and above 1GHz is 1MHz.

4.5. Test Result

Model No	B One Plus	Site	LK-Site02
Test Voltage	DC 30V	Test Date	2024-08-13
Test Mode	Mode 2	Engineer	Way Hsieh
Polarity	Horizontal	Temperature (°C)	29.8
Test Condition	--	Humidity (%RH)	49.9

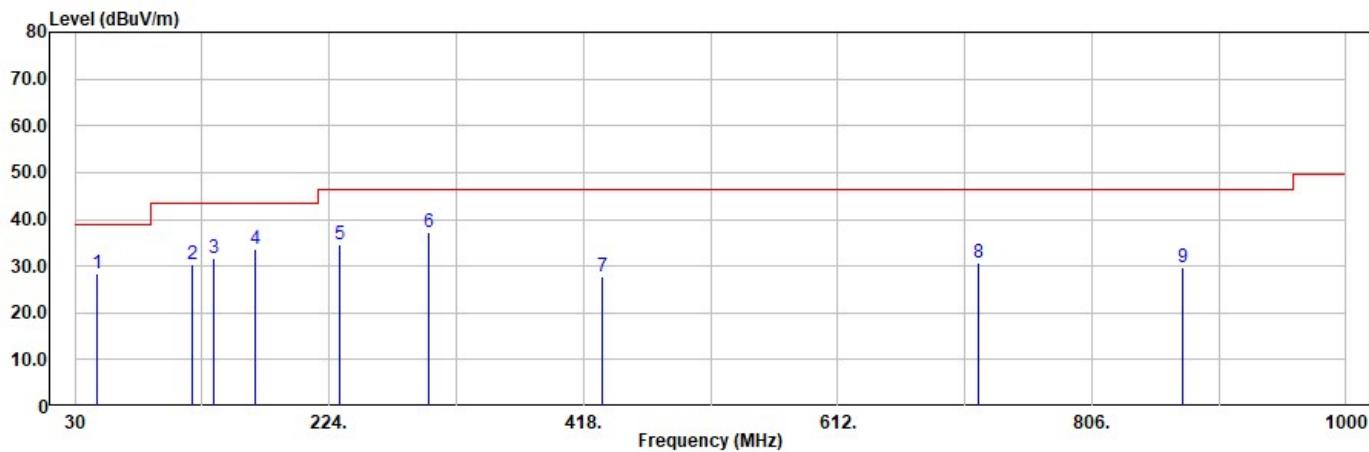


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1*	168.000	32.52	43.50	-10.98	46.70	-14.18	370	-159	QP
2	184.000	27.96	43.50	-15.54	42.70	-14.74	370	-200	QP
3	320.000	34.46	46.40	-11.94	43.10	-8.64	300	-184	QP
4	552.000	33.66	46.40	-12.74	35.00	-1.34	200	-189	QP
5	600.000	32.95	46.40	-13.45	34.00	-1.05	200	-200	QP
6	880.000	32.65	46.40	-13.75	29.40	3.25	100	162	QP
7	1000.000	31.49	49.50	-18.01	26.40	5.09	100	185	QP

Remark:

1. "*" means this data is the worst margin; "!" means this data is over limit.
2. Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+Cable Loss+Pre Amp).
3. Margin=Emission Level - Limit.

Model No	B One Plus	Site	LK-Site02
Test Voltage	DC 30V	Test Date	2024-08-13
Test Mode	Mode 2	Engineer	Way Hsieh
Polarity	Vertical	Temperature (°C)	29.8
Test Condition	--	Humidity (%RH)	49.9

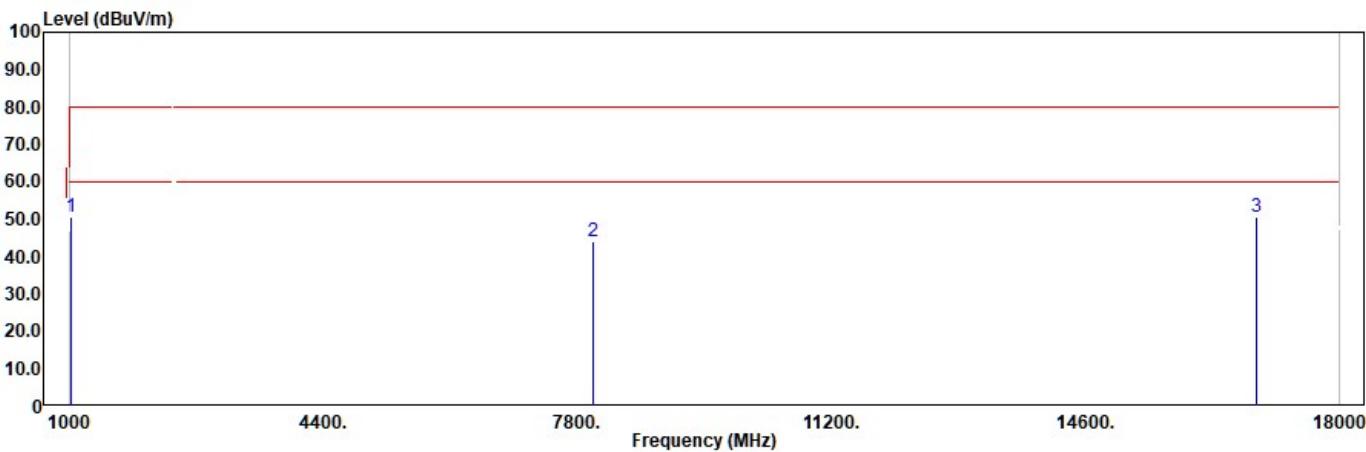


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	47.500	28.32	39.00	-10.68	44.20	-15.88	100	-35	QP
2	120.000	30.48	43.50	-13.02	42.80	-12.32	100	49	QP
3	136.000	31.52	43.50	-11.98	44.30	-12.78	100	133	QP
4	168.000	33.52	43.50	-9.98	47.70	-14.18	100	-147	QP
5	232.000	34.70	46.40	-11.70	47.50	-12.80	100	-154	QP
6*	300.000	37.22	46.40	-9.18	46.50	-9.28	100	-162	QP
7	432.000	27.91	46.40	-18.49	32.80	-4.89	300	-138	QP
8	720.000	30.82	46.40	-15.58	30.20	0.62	250	-199	QP
9	875.000	29.71	46.40	-16.69	26.50	3.21	150	-184	QP

Remark:

- ** means this data is the worst margin; ! means this data is over limit.
- Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+Cable Loss-Pre Amp).
- Margin=Emission Level - Limit.

Model No	B One Plus	Site	LK-CB05
Test Voltage	DC 30V	Test Date	2024-08-16
Test Mode	Mode 2	Engineer	Shianyu Chiou
Polarity	Horizontal	Temperature (°C)	27
Test Condition	--	Humidity (%RH)	59

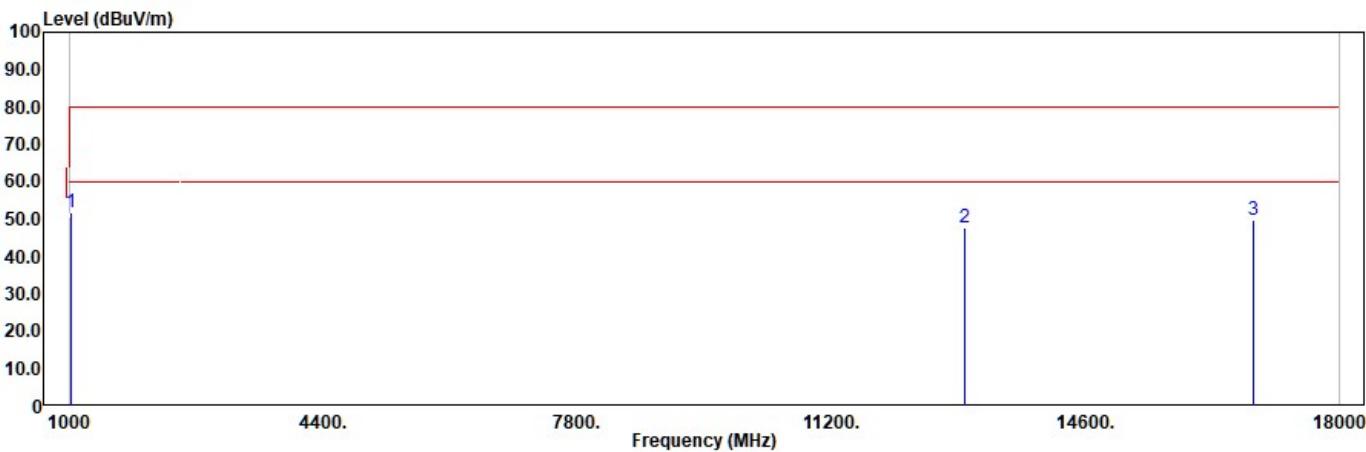


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1*	1034.000	50.61	80.00	-29.39	69.18	-18.57	100	146	Peak
2	8021.000	44.20	80.00	-35.80	46.57	-2.37	100	185	Peak
3	16878.000	50.42	80.00	-29.58	40.68	9.74	100	-112	Peak

Remark:

- ** means this data is the worst margin; ! means this data is over limit.
- Emission Level=Reading Level + Correct Factor (Correct Factor=Ant Factor+Cable Loss+Pre Amp).
- Margin=Emission Level - Limit.
- The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	B One Plus	Site	LK-CB05
Test Voltage	DC 30V	Test Date	2024-08-16
Test Mode	Mode 2	Engineer	Shianyu Chiou
Polarity	Vertical	Temperature (°C)	27
Test Condition	--	Humidity (%RH)	59

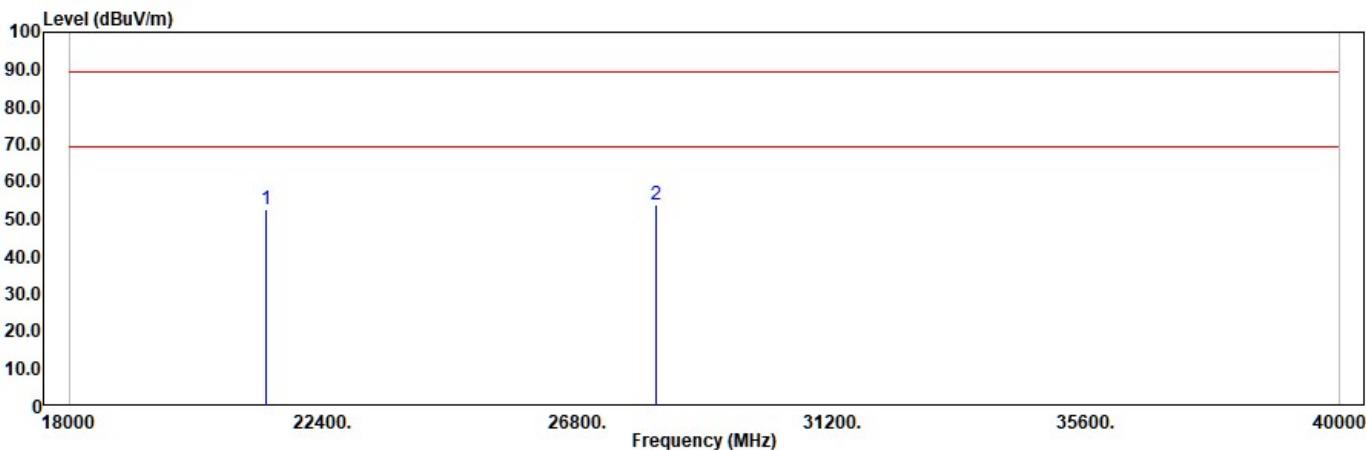


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1*	1034.000	51.97	80.00	-28.03	70.54	-18.57	100	-142	Peak
2	12985.000	47.94	80.00	-32.06	41.75	6.19	100	157	Peak
3	16844.000	49.93	80.00	-30.07	40.23	9.70	100	186	Peak

Remark:

- ** means this data is the worst margin; ! means this data is over limit.
- Emission Level=Reading Level + Correct Factor (Correct Factor=Ant Factor+Cable Loss+Pre Amp).
- Margin=Emission Level - Limit.
- The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	B One Plus	Site	LK-CB05
Test Voltage	DC 30V	Test Date	2024-08-16
Test Mode	Mode 2	Engineer	Shianyu Chiou
Polarity	Horizontal	Temperature (°C)	27
Test Condition	--	Humidity (%RH)	59

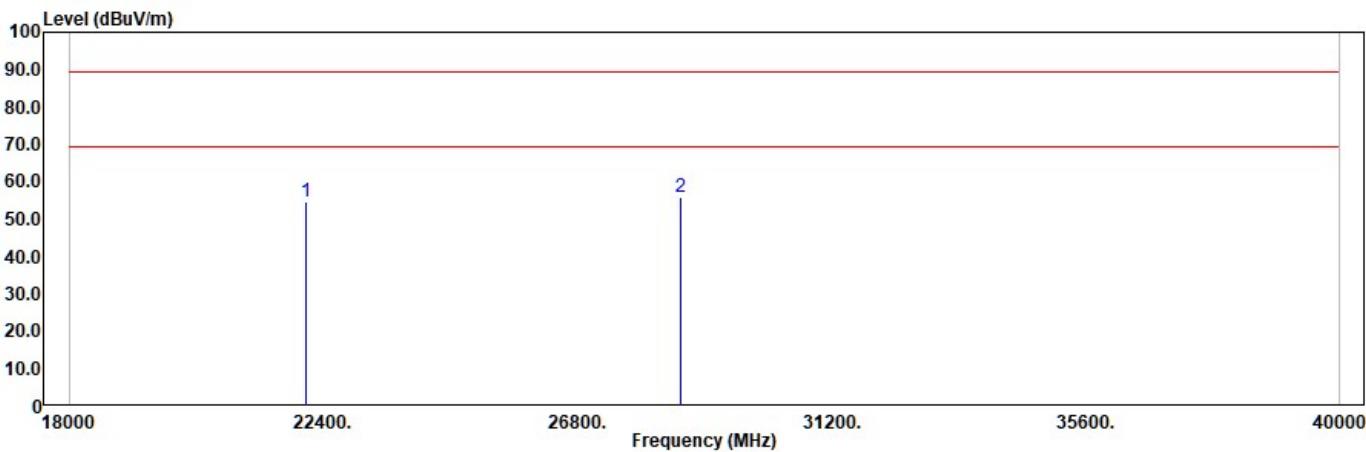


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	21413.000	52.64	89.50	-36.86	50.88	1.76	100	106	Peak
2*	28175.000	53.96	89.50	-35.54	48.95	5.01	100	-94	Peak

Remark:

- *** means this data is the worst margin;!" means this data is over limit.
- Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+Cable Loss-Pre Amp).
- Margin=Emission Level - Limit.
- The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	B One Plus	Site	LK-CB05
Test Voltage	DC 30V	Test Date	2024-08-16
Test Mode	Mode 2	Engineer	Shianyu Chiou
Polarity	Vertical	Temperature (°C)	27
Test Condition	--	Humidity (%RH)	59



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	22096.000	54.82	89.50	-34.68	52.88	1.94	100	138	Peak
2*	28579.000	55.83	89.50	-33.67	50.94	4.89	100	-110	Peak

Remark:

- *** means this data is the worst margin;!" means this data is over limit.
- Emission Level=Reading Level + Correct Factor(Correct Factor=Ant Factor+Cable Loss-Pre Amp).
- Margin=Emission Level - Limit.
- The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.