

FCC Test Report

Product Name : peplink PEPWAVE Wireless Product
Model No. : MAX Transit Pro E, MAX-TST-PROE-DUO-LTEA-Q-T-PRM
FCC ID : U8G-P1AX09

Applicant : PISMO LABS TECHNOLOGY LIMITED
Address : A8, 5/F, HK Spinners Industrial Building, Phase 6, 481 Castle Peak Road, Cheung Sha Wan, Hong Kong

Date of Receipt : 2022/07/06
Issued Date : 2022/10/17
Report No. : 2270145R-E3012110001-A
Report Version : V2.0



The test results relate only to the samples tested.

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.

This report must not be used to claim product endorsement by TAF or any agency of the government.

The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd.

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.

Issued Date : 2022/10/17

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Address : A8, 5/F, HK Spinners Industrial Building, Phase 6, 481 Castle Peak Road, Cheung Sha Wan, Hong Kong

Manufacturer : PISMO LABS TECHNOLOGY LIMITED

Model No. : MAX Transit Pro E, MAX-TST-PROE-DUO-LTEA-Q-T-PRM

FCC ID : U8G-P1AX09

EUT Rated Voltage : Input : 12-56V DC, 50W max (Power Port)
Input : 12-56V DC, 50W max (Terminal Block)
Output : 802.3at

EUT Test Voltage : DC 12~56V (power by terminal block)
DC 12~56V (power by DC power)
AC 120V/60Hz (power by adapter)

Trade Name : PEPWAVE / peplink

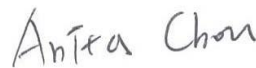
Applicable Standard : FCC CFR Title 47 Part 15 Subpart B: 2020, Class A

Test Result : Complied

Performed Location : DEKRA Testing and Certification Co., Ltd.
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Documented By

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A handwritten signature in black ink, appearing to read 'Anita Chou'.

(Senior Engineering Adm. Specialist / Anita Chou)

Approved By

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A handwritten signature in black ink, appearing to be a stylized name.

(Director / Vincent Lin)

Laboratory Information

We, **DEKRA Testing and Certification Co., Ltd.**, are an independent EMC and safety consultancy that was established the whole facility in our laboratories. The test facility has been accredited/accepted (audited or listed) by the following related bodies in compliance with ISO 17025, EN 45001 and specified testing scopes:

Taiwan	:	BSMI, NCC, TAF
Norway	:	DNVGL
USA	:	FCC
Japan	:	VCCI

The address and introduction of DEKRA Testing and Certification Co., Ltd. laboratories can be founded in our Web site : <http://www.dekra.com.tw>

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Product Photos: Please refer to the file: 2270145R-Product Photos

Revision History

Report No.	Version	Description	Issued Date
2270145R-E3012110001-A	V1.0	Initial issue of report	2022-09-05
2270145R-E3012110001-A	V2.0	Report plus FCC ID	2022-10-17

1. General Information

1.1. EUT Description

Product Name	peplink PEPWAVE Wireless Product
Trade Name	PEPWAVE / peplink
Model No.	MAX Transit Pro E, MAX-TST-PROE-DUO-LTEA-Q-T-PRM
EUT Max Frequency	5.8GHz

Component	
GPS Cable	Shielded, 5.0m
Power Adapter	MFR: DEE VAN ENTERPRISE CO., LTD. M/N: DSA-24PFS-12 FUS 120200 Input: 100-240V~, 50/60Hz, 0.8A Output: +12.0V = 2.0A 24.0W Cable Out: Shielded, 1.5m.

Note: The EUT is including two models for different marketing requirement.

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
Mode 1: Normal Operation(WWAN Worst Band LTE B1 + WLAN 5G + GPS + LAN + WAN port link), Sim Card Slot A-1, Adapter: DEE VAN/DSA-24PFS-12 FUS 120200
Mode 2: Normal Operation(WWAN Worst Band LTE B1 + WLAN 2.4G + GPS + LAN + WAN port link), Sim Card Slot A-2, DC 12V(Molex DC Power port)
Mode 3: Normal Operation(WWAN Worst Band LTE B1 + WLAN 5G + GPS + LAN + 802.3at PoE Output + WAN port link), Sim Card Slot B-1, DC 54V(Molex DC Power port)
Mode 4: Normal Operation(WWAN Worst Band LTE B1 + WLAN 2.4G + GPS + LAN + 802.3at PoE Output + WAN port link), Sim Card Slot B-2, DC 56V(Terminal block)
Mode 5: Normal Operation(WWAN Worst Band LTE B1 + WLAN 2.4G + GPS + LAN + WAN port link), Sim Card Slot B-2, DC 12V(Terminal block)
Final Test Mode
Emission
Mode 1: Normal Operation(WWAN Worst Band LTE B1 + WLAN 5G + GPS + LAN + WAN port link), Sim Card Slot A-1, Adapter: DEE VAN/DSA-24PFS-12 FUS 120200
Mode 2: Normal Operation(WWAN Worst Band LTE B1 + WLAN 2.4G + GPS + LAN + WAN port link), Sim Card Slot A-2, DC 12V(Molex DC Power port)
Mode 3: Normal Operation(WWAN Worst Band LTE B1 + WLAN 5G + GPS + LAN + 802.3at PoE Output + WAN port link), Sim Card Slot B-1, DC 54V(Molex DC Power port)
Mode 4: Normal Operation(WWAN Worst Band LTE B1 + WLAN 2.4G + GPS + LAN + 802.3at PoE Output + WAN port link), Sim Card Slot B-2, DC 56V(Terminal block)
Mode 5: Normal Operation(WWAN Worst Band LTE B1 + WLAN 2.4G + GPS + LAN + WAN port link), Sim Card Slot B-2, DC 12V(Terminal block)

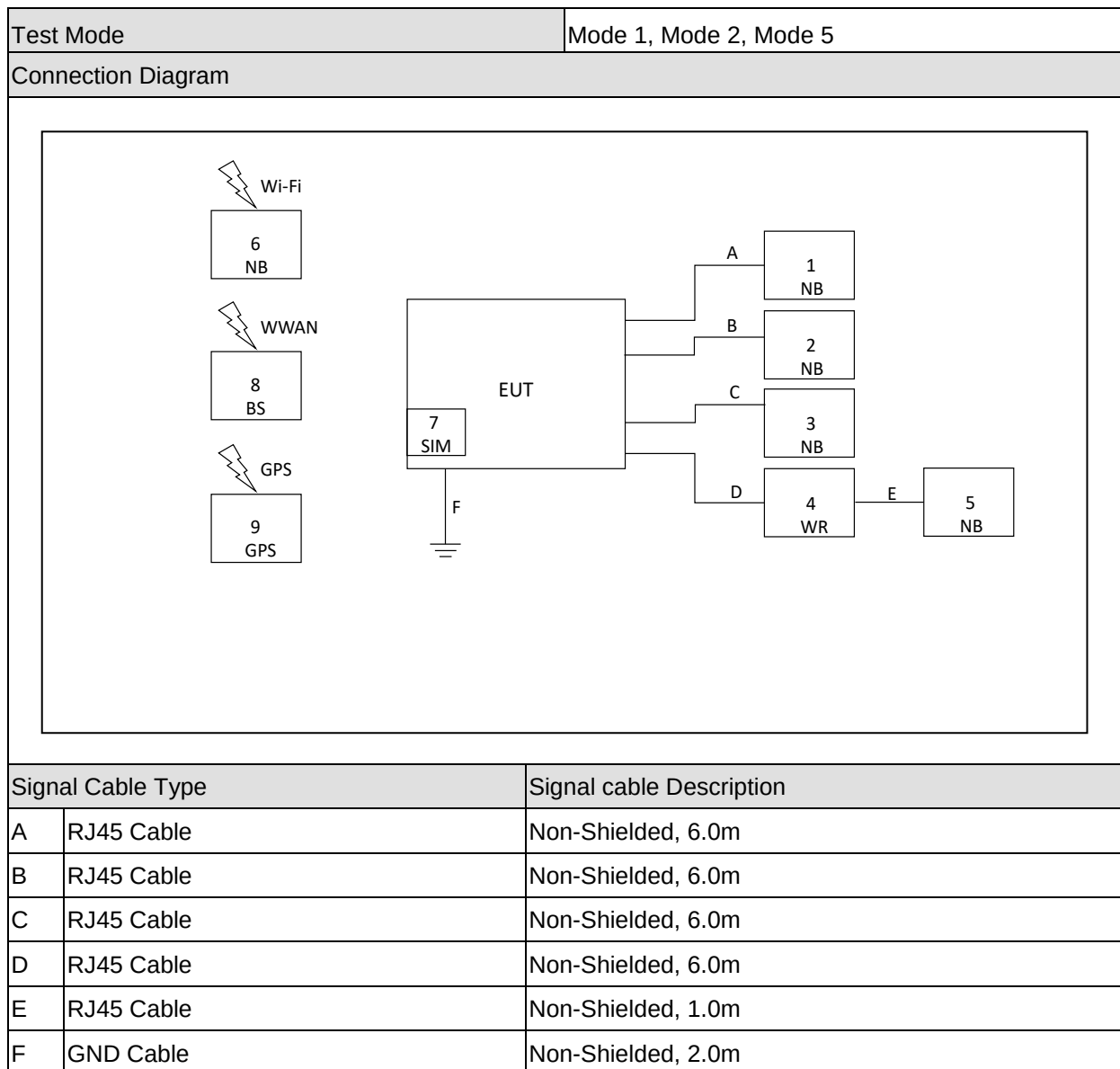
1.3. Tested System Details

The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

Test Mode		Mode 1, Mode 2, Mode 5			
Product		Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook PC	DELL	PP18L	36119001664	Non-Shielded, 0.8m
2	Notebook PC	DELL	PP18L	42649348672	Non-Shielded, 0.8m
3	Notebook PC	DELL	PP04X	2D2ZM1S	Non-Shielded, 0.8m
4	Wireless Router	ASUS	ROG GAPTURE GT-AXE11000	M6IAJF200935	Non-Shielded, 0.9m
5	Notebook PC	DELL	PP04X	C8YYM1S	Non-Shielded, 0.8m
6	Notebook PC	Lenovo	TP00116D	PF-3QYGJ7	Non-Shielded, 1.0m
7	SIM	R&S	GP CMW-Z06	113706	N/A
8	Base Station	R&S	CMW500	152861	Non-Shielded, 1.8m
9	GPS Simulator	Oroila	GSG-5	202350	Non-Shielded, 1.8m

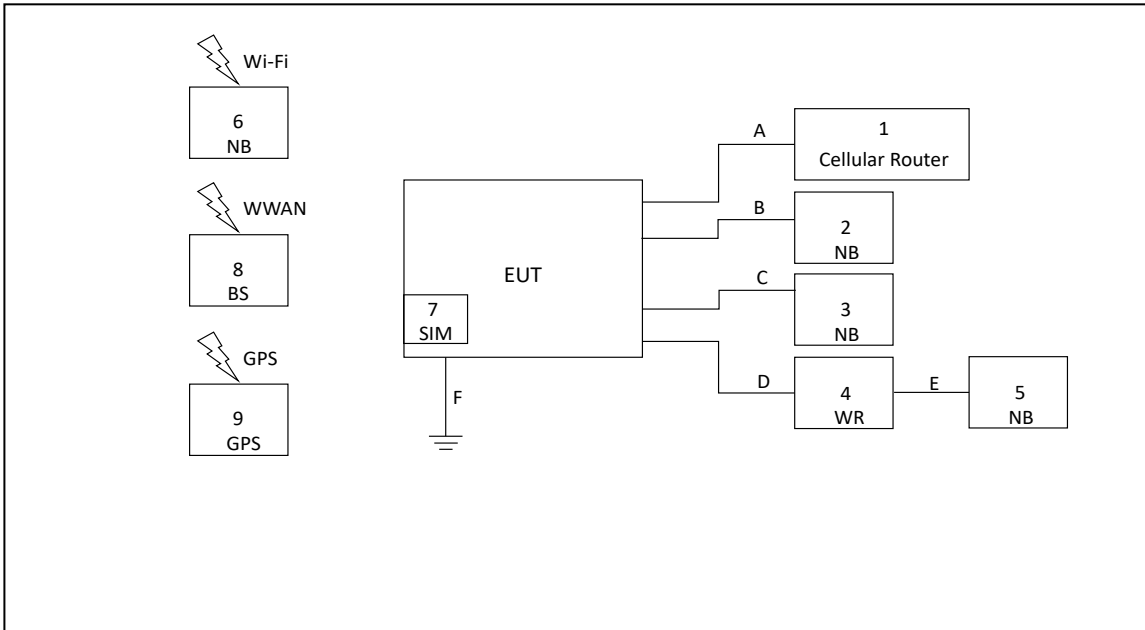
Test Mode		Mode 3, Mode 4			
Product		Manufacturer	Model No.	Serial No.	Power Cord
1	Cellular Router	Peplink	MAX BR1 Mini	36119001664	Non-Shielded, 0.8m
2	Notebook PC	DELL	PP18L	42649348672	Non-Shielded, 0.8m
3	Notebook PC	DELL	PP04X	2D2ZM1S	Non-Shielded, 0.8m
4	Wireless Router	ASUS	ROG GAPTURE GT-AXE11000	M6IAJF200935	Non-Shielded, 0.9m
5	Notebook PC	DELL	PP04X	C8YYM1S	Non-Shielded, 0.8m
6	Notebook PC	Lenovo	TP00116D	PF-3QYGJ7	Non-Shielded, 1.0m
7	SIM	R&S	GP CMW-Z06	113706	N/A
8	Base Station	R&S	CMW500	152861	Non-Shielded, 1.8m
9	GPS Simulator	Oroila	GSG-5	202350	Non-Shielded, 1.8m

1.4. Configuration of Tested System



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.

Test Mode		Mode 3, Mode 4
Connection Diagram		
		
Signal Cable Type		Signal cable Description
A	RJ45 Cable	Non-Shielded, 6.0m
B	RJ45 Cable	Non-Shielded, 6.0m
C	RJ45 Cable	Non-Shielded, 6.0m
D	RJ45 Cable	Non-Shielded, 6.0m
E	RJ45 Cable	Non-Shielded, 1.0m
F	GND Cable	Non-Shielded, 2.0m

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.

1.5. EUT Exercise Software

1	Setup the EUT and simulators as shown on 1.4.
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	Deviation
Conducted Emission	FCC CFR Title 47 Part 15 Subpart B: 2020, Class A CISPR 22: 2008 ANSI C63.4-2014, ANSI C63.4a-2017	Yes	No
Radiated Emission	FCC CFR Title 47 Part 15 Subpart B: 2020, Class A CISPR 22: 2008 ANSI C63.4-2014, ANSI C63.4a-2017	Yes	No

2.2. List of Test Equipment

Conducted Emission / LK-SR01 (SR1)

Instrument	Manufacturer	Type No.	Serial No	Cal. Date	Due. Date
EMI Test Receiver	R&S	ESR3	102041	2022/06/30	2023/06/29
Two-Line V-Network	R&S	ENV216	101478	2021/08/24	2022/08/23
Two-Line V-Network	R&S	ESH3-Z5	836679/023	2022/05/30	2023/05/29
Coaxial Cable	SUHNER	RG 400	LC016-RG	2022/06/17	2023/06/16
Test Software version : DEKRA Test System V2.0					

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

Radiated Emission / LK-Site02 (Site2)

Instrument	Manufacturer	Type No.	Serial No	Cal. Date	Due. Date
Bilog Antenna	Schaffner	CBL6112B	2921	2021/08/11	2022/08/10
Bilog Antenna	Schaffner	CBL6112B	2923	2021/12/10	2022/12/09
EMI Test Receiver	R&S	ESCI	100647	2022/07/05	2023/07/04
Coaxial Cable	SUHNER	RG 214	LC002A-RG LC002B-RG	2022/06/09	2023/06/08
Coaxial Switch	Anritsu	MP59B	6200436230	2022/06/09	2023/06/08
Preamplifier	Jet-Power	JPA-10M1G33	170101000330009	2022/06/09	2023/06/08
NSA	DEKRA	N/A	N/A	2022/06/09	2023/06/08

Test Software version : DEKRA Test System V2.0

Note:Test Receiver Detector:Quasipeak Bandwidth:120kHz

Radiated Emission (Above 1GHz) / LK-CB05 (CB7) (Up to 40GHz)

Instrument	Manufacturer	Type No.	Serial No	Cal. Date	Due. Date
Double Ridged Guide Horn Antenna	ETS-Lindgren	3117	00202723	2021/10/12	2022/10/11
Horn Antenna	COM-POWER	AH-840	101043	2022/05/14	2023/05/13
EMI Test Receiver	R&S	ESU26	100433	2022/01/12	2023/01/11
Signal Analyzer	R&S	FSV40	101176	2022/05/25	2023/05/24
Coaxial Cable	SUHNER	SUCOFLEX 104	LC034-SF	2022/06/20	2023/06/19
Coaxial Cable	ROSNOL	R-Test EW0630	LC046-SF	2022/06/20	2023/06/19
Coaxial Cable	ROSNOL	MP533A	AC031-MP	2022/06/20	2023/06/19
Microwave Preamplifier	EMCI	EMC051845SE	980359	2021/12/14	2022/12/13
Microwave Preamplifier with cable	EMCI	EMC184045SE	980370	2022/04/07	2023/04/06
VSWR	DEKRA	N/A	N/A	2022/06/21	2023/06/20

Test Software version : DEKRA Test System V2.0

2.3. Measurement Uncertainty

Conducted Emission

The measurement uncertainty is evaluated as ± 3.49 dB.

Radiated Emission(Under 1GHz)

The measurement uncertainty is evaluated as ± 5.16 dB.

Radiated Emission(Above 1GHz)

The measurement uncertainty is evaluated as ± 4.88 dB.

2.4. Test Environment

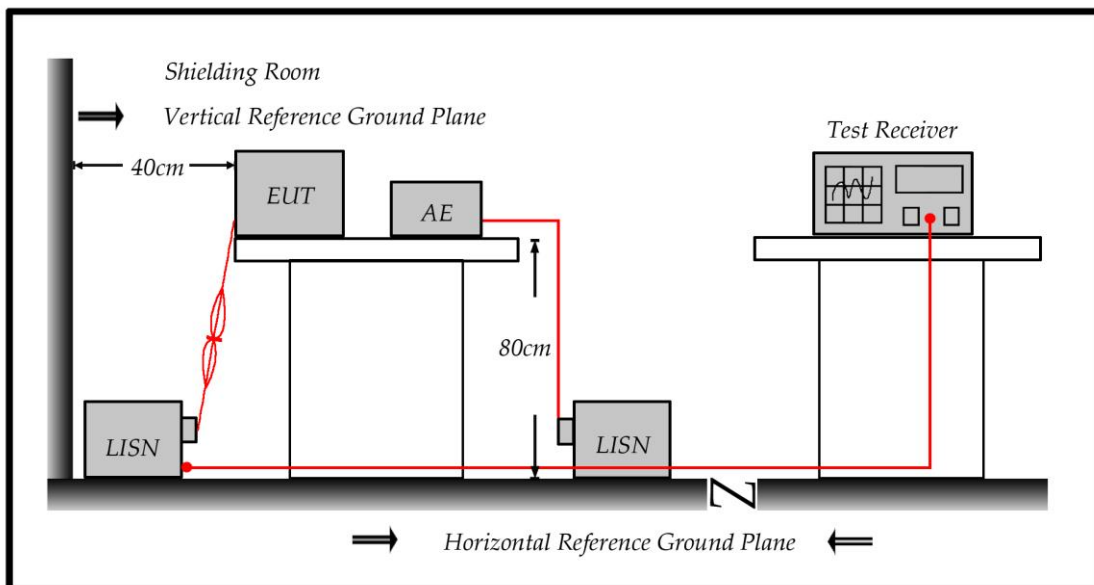
Performed Item	Items	Required
Conducted Emission	Temperature (°C)	10-40
	Humidity (%RH)	10-90
Radiated Emission	Temperature (°C)	10-40
	Humidity (%RH)	10-90

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 (dBuV)	Class A Average (dBuV)	Class B Quasi-peak (dBuV)	Class B Average (dBuV)
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 dBuV 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.

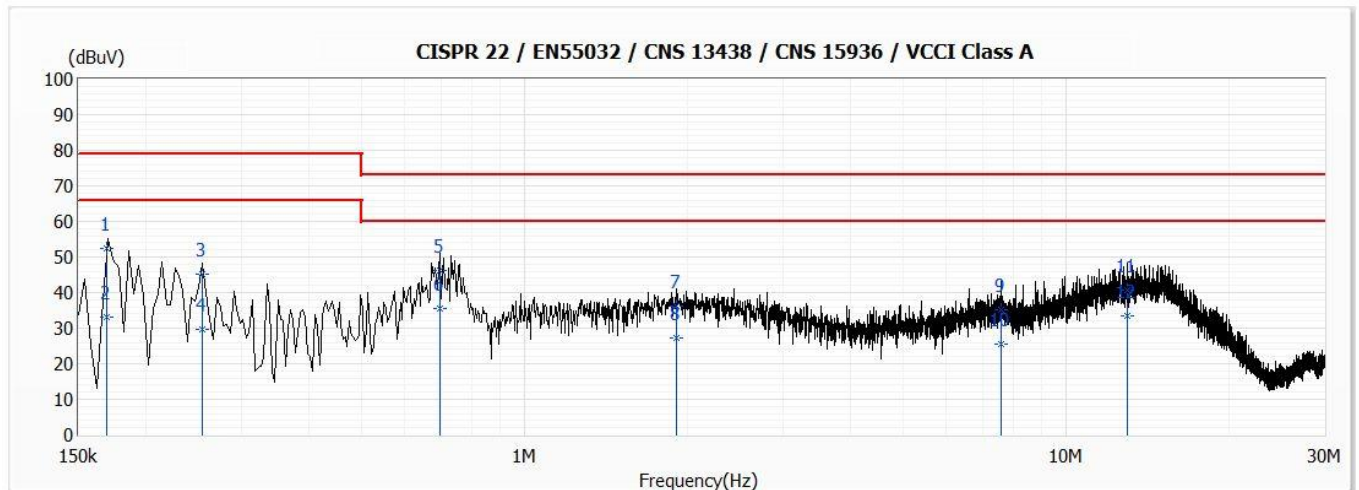
(Please refers to the block diagram of the test setup and photographs.)

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	MAX Transit Pro E	Site	SR1
Test Voltage	AC 120V/60Hz	Test Date	2022/8/8
Test Mode	Mode 1	Engineer	Nilk Chen
Phase	L1	Temperature (°C)	24.8
Test Condition	--	Humidity (%RH)	44

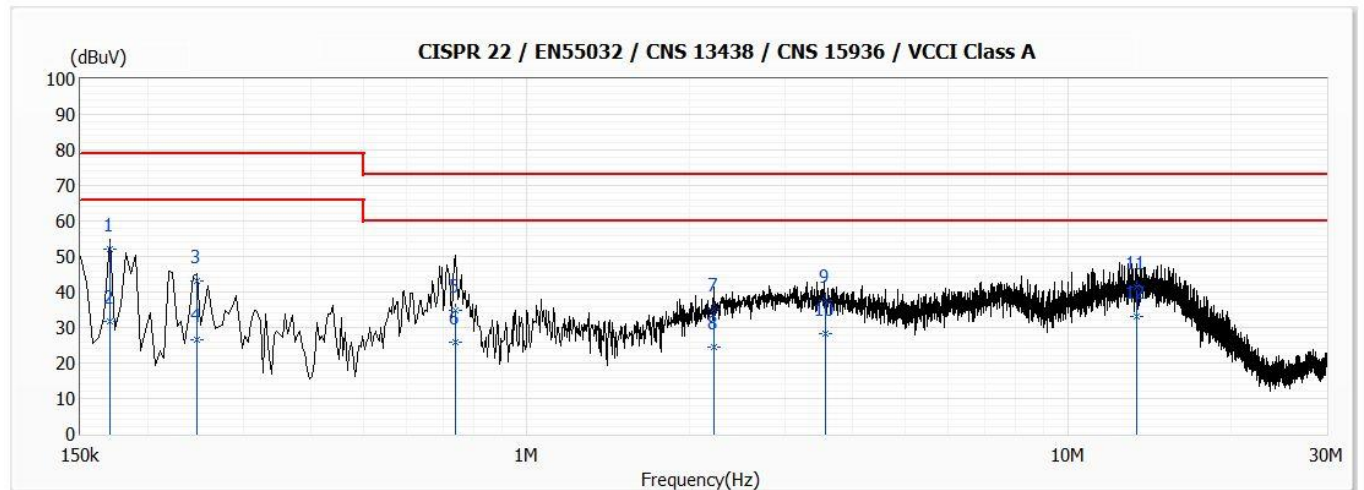


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.169	52.43	79.00	-26.57	42.83	9.60	QP
2	0.169	33.06	66.00	-32.94	23.46	9.60	AV
3	0.254	45.16	79.00	-33.84	35.55	9.61	QP
4	0.254	29.82	66.00	-36.18	20.21	9.61	AV
5	0.698	46.08	73.00	-26.92	36.42	9.66	QP
*6	0.698	35.65	60.00	-24.35	25.99	9.66	AV
7	1.906	36.13	73.00	-36.87	26.39	9.74	QP
8	1.906	27.21	60.00	-32.79	17.47	9.74	AV
9	7.589	35.01	73.00	-37.99	25.09	9.92	QP
10	7.589	25.60	60.00	-34.40	15.68	9.92	AV
11	12.958	40.86	73.00	-32.14	30.81	10.05	QP
12	12.958	33.32	60.00	-26.68	23.27	10.05	AV

Remark:

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

Model No	MAX Transit Pro E	Site	SR1
Test Voltage	AC 120V/60Hz	Test Date	2022/8/8
Test Mode	Mode 1	Engineer	Nilk Chen
Phase	N	Temperature (°C)	24.8
Test Condition	--	Humidity (%RH)	44



No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.170	51.94	79.00	-27.06	42.34	9.60	QP
2	0.170	31.60	66.00	-34.40	22.00	9.60	AV
3	0.246	43.26	79.00	-35.74	33.64	9.62	QP
4	0.246	26.52	66.00	-39.48	16.90	9.62	AV
5	0.737	34.87	73.00	-38.13	25.21	9.66	QP
6	0.737	25.99	60.00	-34.01	16.33	9.66	AV
7	2.214	35.15	73.00	-37.85	25.38	9.77	QP
8	2.214	24.33	60.00	-35.67	14.56	9.77	AV
9	3.554	37.53	73.00	-35.47	27.72	9.81	QP
10	3.554	28.36	60.00	-31.64	18.55	9.81	AV
11	13.412	41.21	73.00	-31.79	31.09	10.12	QP
*12	13.412	33.02	60.00	-26.98	22.90	10.12	AV

Remark:

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

3.6. Test Photograph

Test Mode : Mode 1

Description : Front View of Conducted Test



Test Mode : Mode 1

Description : Back View of Conducted Test



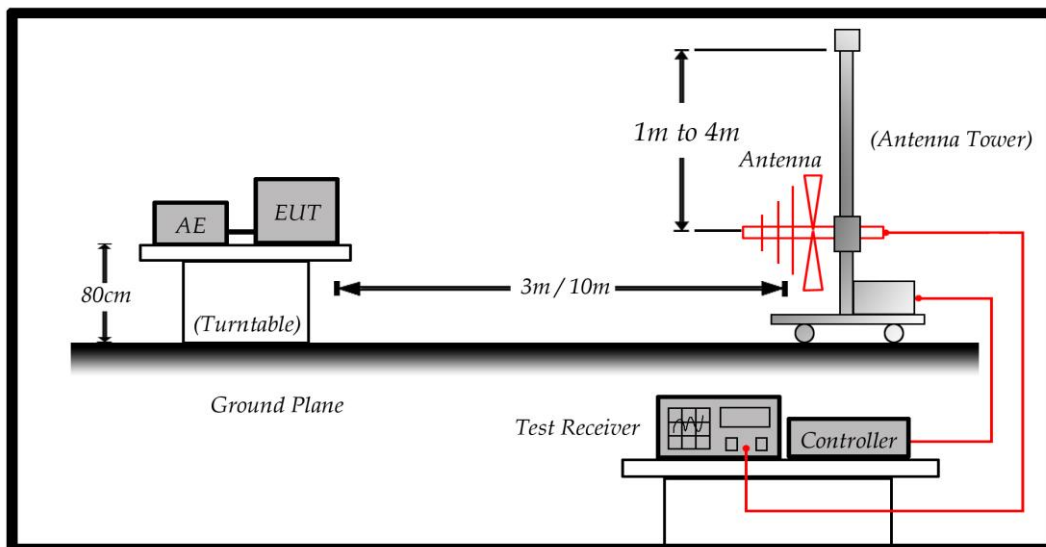
4. Radiated Emission

4.1. Test Specification

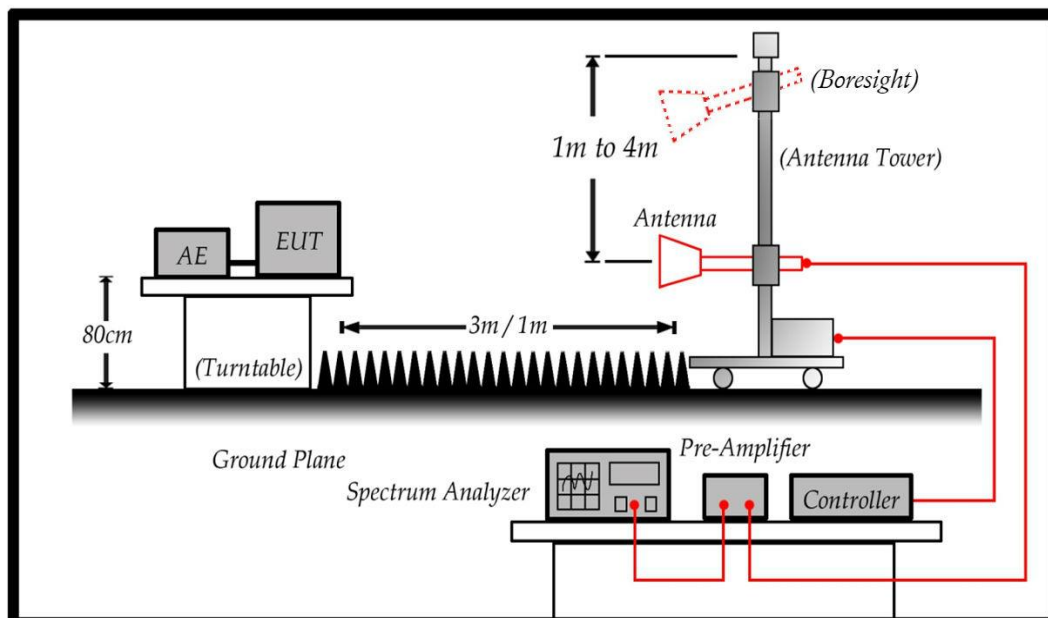
According to EMC Standard : FCC Part 15 Subpart B & CISPR 22

4.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limit

Under 1GHz test shall not exceed the following value:

Limits		
Frequency (MHz)	Distance (m)	dBuV/m
30 – 230	10	40
230 – 1000	10	47

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.

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	60
18000-40000	1	69.5

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. $\text{RF Voltage (dBuV/m)} = 20 \log \text{RF Voltage (uV/m)}$

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 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.

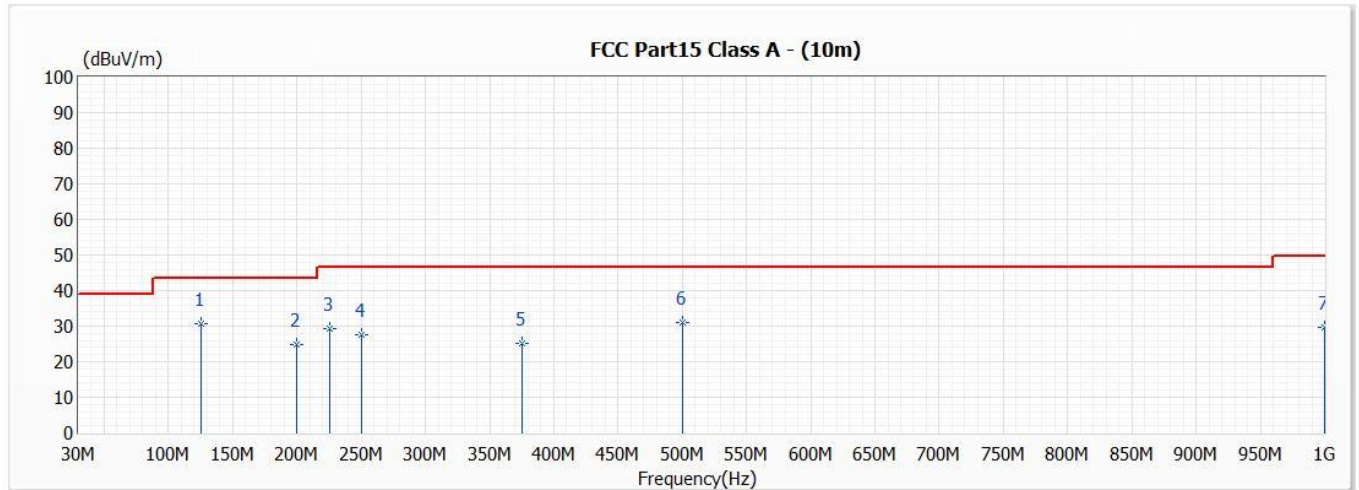
For class A, the measurement distance between the EUT and antenna is 10 meters for under 1GHz and above 1GHz.

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 120kHz

4.5. Test Result

Model No	MAX Transit Pro E	Site	SITE2
Test Voltage	AC 120V/60Hz	Test Date	2022/8/08
Test Mode	Mode 1	Engineer	Edward Chi
Polarity	Horizontal	Temperature (°C)	30.8
Test Condition	--	Humidity (%RH)	62.2

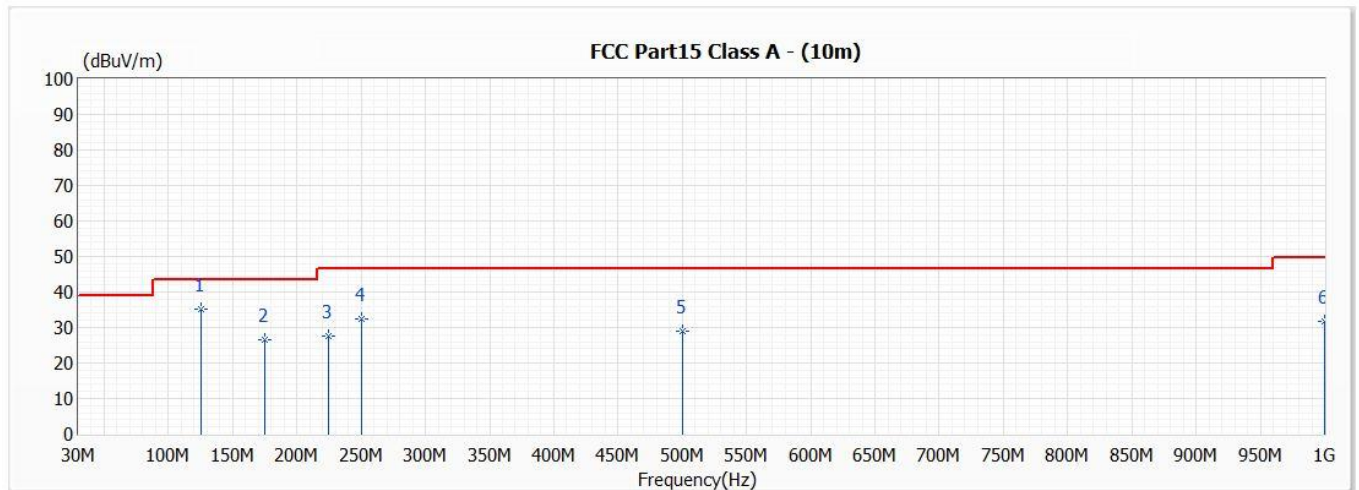


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
* 1	125.000	30.76	43.50	-12.74	42.80	-12.04	370	14	QP
2	200.000	24.99	43.50	-18.51	38.90	-13.91	370	159	QP
3	225.100	29.26	46.40	-17.14	42.60	-13.34	370	183	QP
4	250.000	27.72	46.40	-18.68	38.10	-10.38	370	-171	QP
5	375.000	25.15	46.40	-21.25	32.00	-6.85	300	-104	QP
6	500.000	31.03	46.40	-15.37	34.30	-3.27	200	62	QP
7	1000.000	29.59	49.50	-19.91	24.30	5.29	100	-60	QP

Remark:

1. "*" means this data is the worst emission level; "!" 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	MAX Transit Pro E	Site	SITE2
Test Voltage	AC 120V/60Hz	Test Date	2022/8/08
Test Mode	Mode 1	Engineer	Edward Chi
Polarity	Vertical	Temperature (°C)	30.8
Test Condition	--	Humidity (%RH)	62.2

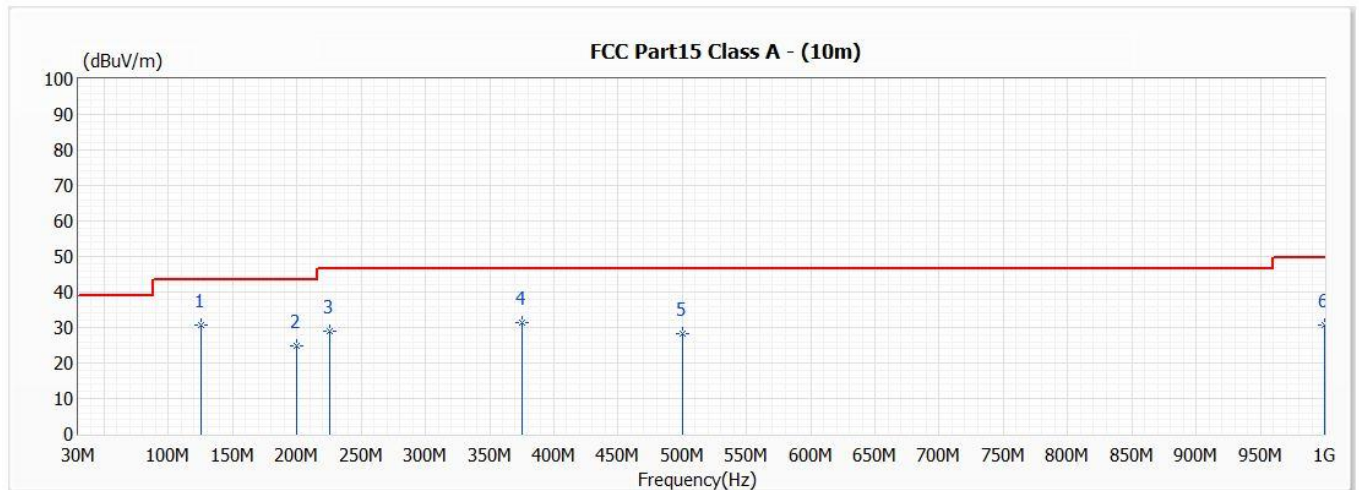


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
* 1	125.000	35.26	43.50	-8.24	47.30	-12.04	100	-104	QP
2	175.000	26.63	43.50	-16.87	40.80	-14.17	100	-21	QP
3	225.000	27.46	46.40	-18.94	40.80	-13.34	100	90	QP
4	250.000	32.42	46.40	-13.98	42.80	-10.38	100	-74	QP
5	500.000	28.83	46.40	-17.57	32.10	-3.27	300	-51	QP
6	1000.000	31.69	49.50	-17.81	26.40	5.29	150	172	QP

Remark:

1. "*" means this data is the worst emission level; "!" 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	MAX Transit Pro E	Site	SITE2
Test Voltage	DC 12V	Test Date	2022/8/08
Test Mode	Mode 2	Engineer	Edward Chi
Polarity	Horizontal	Temperature (°C)	30.8
Test Condition	--	Humidity (%RH)	62.2

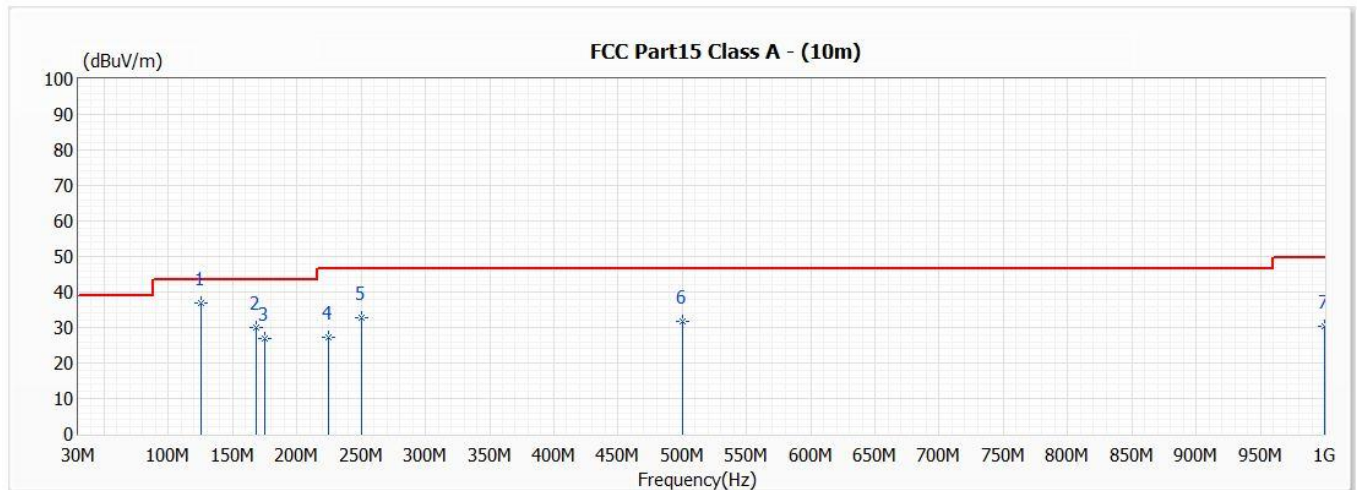


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
* 1	125.000	30.56	43.50	-12.94	42.60	-12.04	370	14	QP
2	200.000	24.79	43.50	-18.71	38.70	-13.91	370	152	QP
3	225.100	29.06	46.40	-17.34	42.40	-13.34	370	192	QP
4	375.000	31.55	46.40	-14.85	38.40	-6.85	370	-169	QP
5	500.000	28.43	46.40	-17.97	31.70	-3.27	200	-169	QP
6	1000.000	30.69	49.50	-18.81	25.40	5.29	100	-76	QP

Remark:

1. "*" means this data is the worst emission level; "!" 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	MAX Transit Pro E	Site	SITE2
Test Voltage	DC 12V	Test Date	2022/8/08
Test Mode	Mode 2	Engineer	Edward Chi
Polarity	Vertical	Temperature (°C)	30.8
Test Condition	--	Humidity (%RH)	62.2

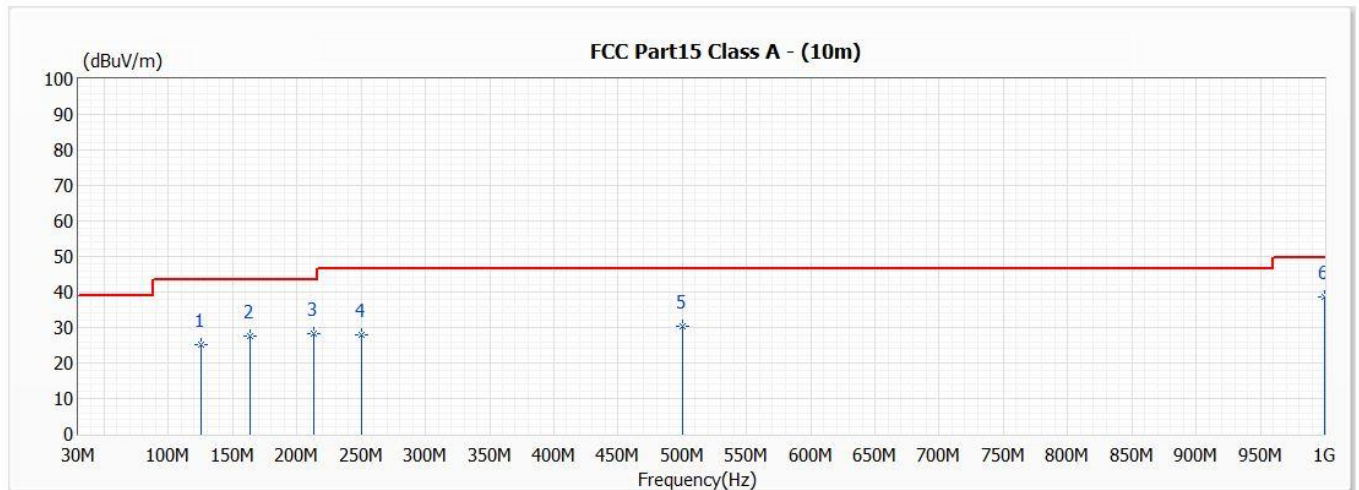


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
* 1	125.000	36.96	43.50	-6.54	49.00	-12.04	100	-104	QP
2	168.000	29.83	43.50	-13.67	43.70	-13.87	100	42	QP
3	175.000	26.83	43.50	-16.67	41.00	-14.17	100	-20	QP
4	225.000	27.36	46.40	-19.04	40.70	-13.34	100	93	QP
5	250.000	32.62	46.40	-13.78	43.00	-10.38	100	-70	QP
6	500.000	31.63	46.40	-14.77	34.90	-3.27	300	-114	QP
7	1000.000	30.19	49.50	-19.31	24.90	5.29	150	17	QP

Remark:

1. "*" means this data is the worst emission level; "!" 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	MAX Transit Pro E	Site	SITE2
Test Voltage	DC 54V	Test Date	2022/8/29
Test Mode	Mode 3	Engineer	Edward Chi
Polarity	Horizontal	Temperature (°C)	30.8
Test Condition	--	Humidity (%RH)	62.2

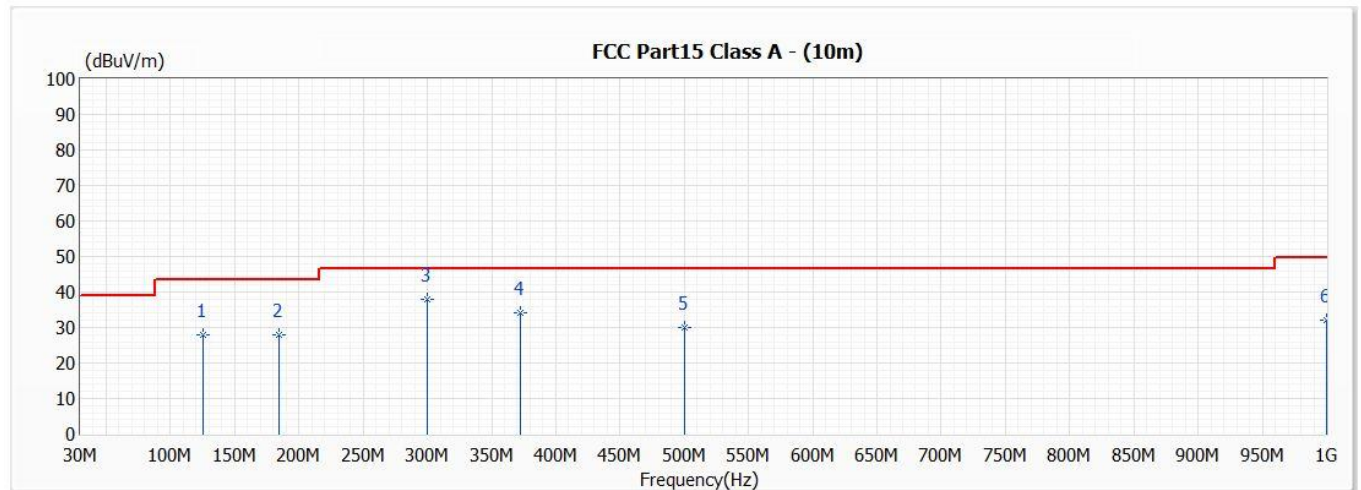


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	125.000	25.06	43.50	-18.44	37.10	-12.04	370	62	QP
2	163.240	27.56	43.50	-15.94	41.30	-13.74	370	52	QP
3	213.500	28.24	43.50	-15.26	42.30	-14.06	370	-70	QP
4	250.200	28.05	46.40	-18.35	38.40	-10.35	370	15	QP
5	500.000	30.33	46.40	-16.07	33.60	-3.27	100	-103	QP
* 6	1000.000	38.59	49.50	-10.91	33.30	5.29	100	-24	QP

Remark:

1. "*" means this data is the worst emission level; "!" 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	MAX Transit Pro E	Site	SITE2
Test Voltage	DC 54V	Test Date	2022/8/29
Test Mode	Mode 3	Engineer	Edward Chi
Polarity	Vertical	Temperature (°C)	30.8
Test Condition	--	Humidity (%RH)	62.2

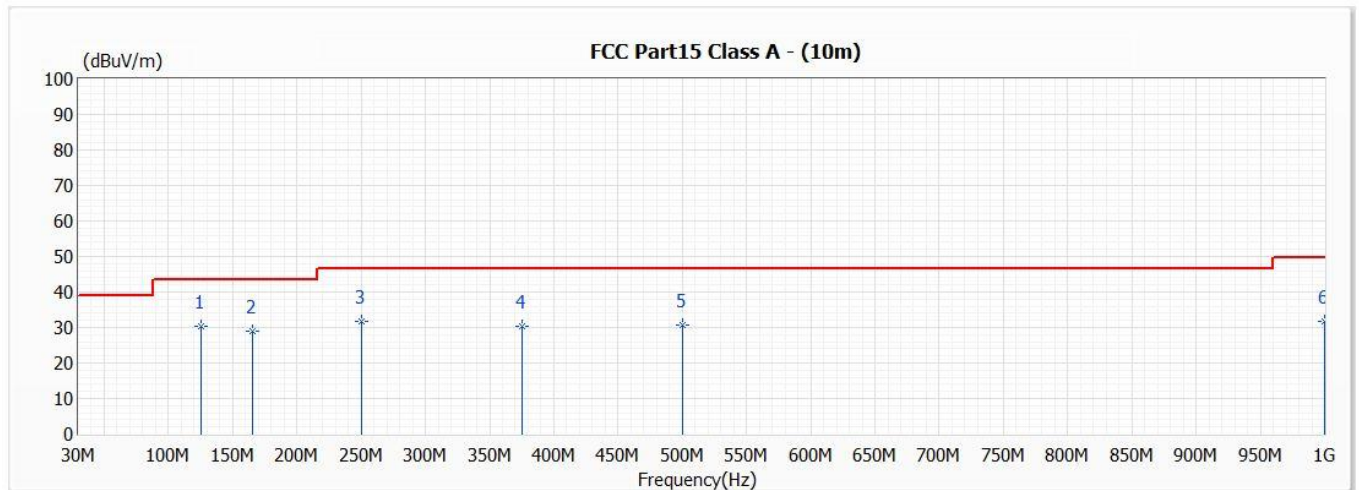


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	125.000	28.06	43.50	-15.44	40.10	-12.04	100	72	QP
2	184.450	27.93	43.50	-15.57	42.30	-14.37	100	-86	QP
* 3	300.000	38.06	46.40	-8.34	47.10	-9.04	100	12	QP
4	372.100	33.97	46.40	-12.43	40.90	-6.93	100	180	QP
5	500.000	30.03	46.40	-16.37	33.30	-3.27	300	73	QP
6	1000.000	31.99	49.50	-17.51	26.70	5.29	150	-81	QP

Remark:

1. "*" means this data is the worst emission level; "!" 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	MAX Transit Pro E	Site	SITE2
Test Voltage	DC 56V	Test Date	2022/8/08
Test Mode	Mode 4	Engineer	Edward Chi
Polarity	Horizontal	Temperature (°C)	30.8
Test Condition	--	Humidity (%RH)	62.2

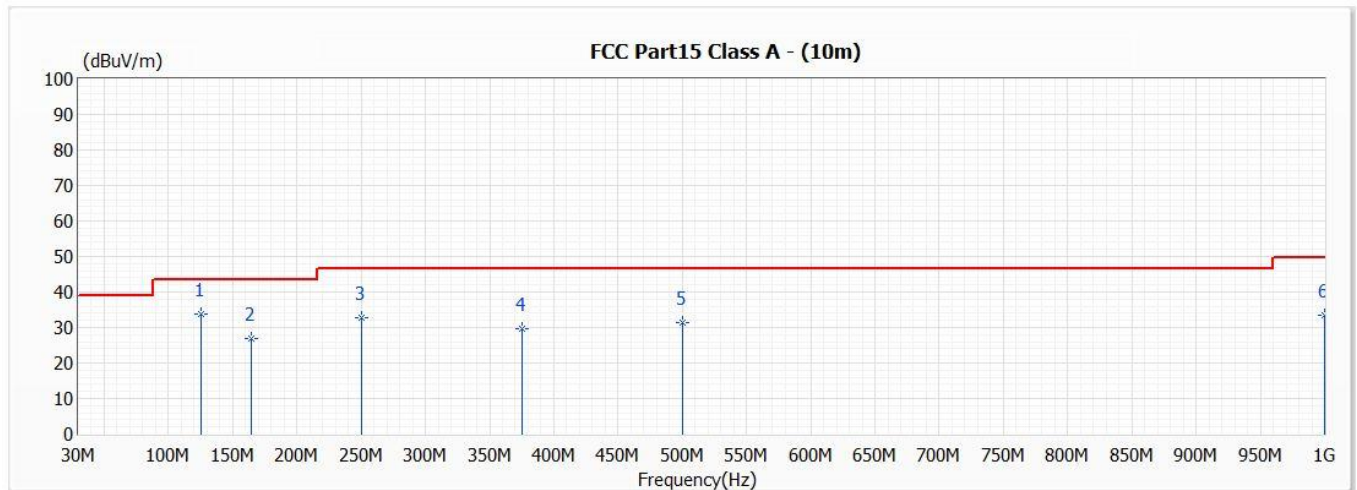


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
* 1	125.000	30.46	43.50	-13.04	42.50	-12.04	370	190	QP
2	165.500	29.09	43.50	-14.41	42.90	-13.81	370	22	QP
3	250.000	31.72	46.40	-14.68	42.10	-10.38	370	-89	QP
4	375.000	30.25	46.40	-16.15	37.10	-6.85	300	19	QP
5	500.000	30.83	46.40	-15.57	34.10	-3.27	200	-54	QP
6	1000.000	31.69	49.50	-17.81	26.40	5.29	100	-156	QP

Remark:

1. "*" means this data is the worst emission level; "!" 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	MAX Transit Pro E	Site	SITE2
Test Voltage	DC 56V	Test Date	2022/8/08
Test Mode	Mode 4	Engineer	Edward Chi
Polarity	Vertical	Temperature (°C)	30.8
Test Condition	--	Humidity (%RH)	62.2

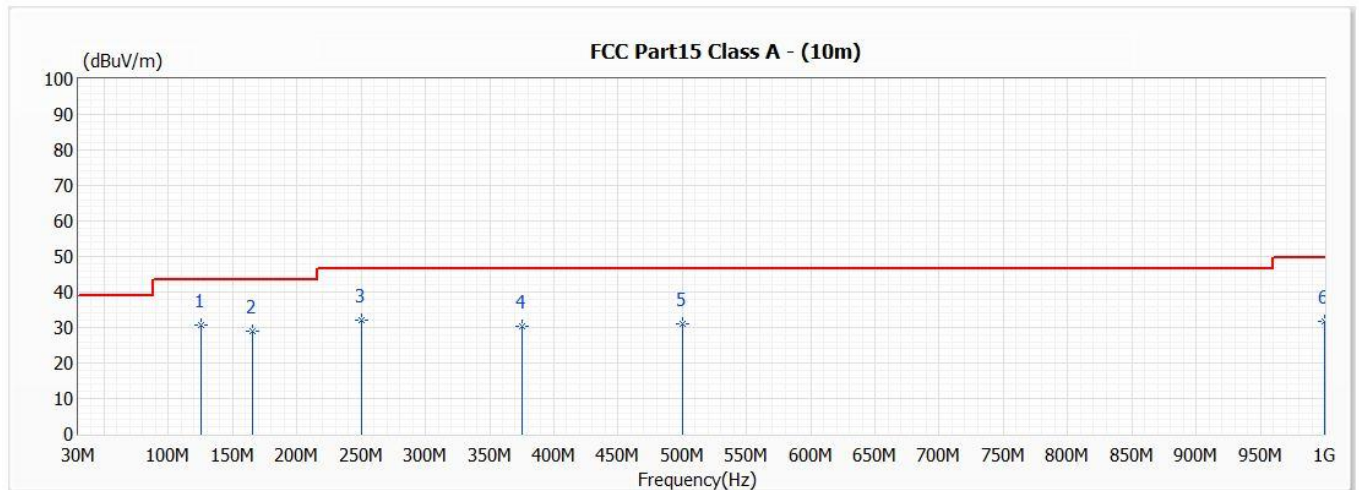


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
* 1	125.000	33.66	43.50	-9.84	45.70	-12.04	100	-93	QP
2	164.810	26.81	43.50	-16.69	40.60	-13.79	100	-102	QP
3	250.000	32.72	46.40	-13.68	43.10	-10.38	100	66	QP
4	375.000	29.65	46.40	-16.75	36.50	-6.85	100	-59	QP
5	500.000	31.23	46.40	-15.17	34.50	-3.27	300	-76	QP
6	1000.000	33.59	49.50	-15.91	28.30	5.29	150	-34	QP

Remark:

1. "*" means this data is the worst emission level; "!" 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	MAX Transit Pro E	Site	SITE2
Test Voltage	DC 12V	Test Date	2022/8/29
Test Mode	Mode 5	Engineer	Edward Chi
Polarity	Horizontal	Temperature (°C)	30.8
Test Condition	--	Humidity (%RH)	62.2

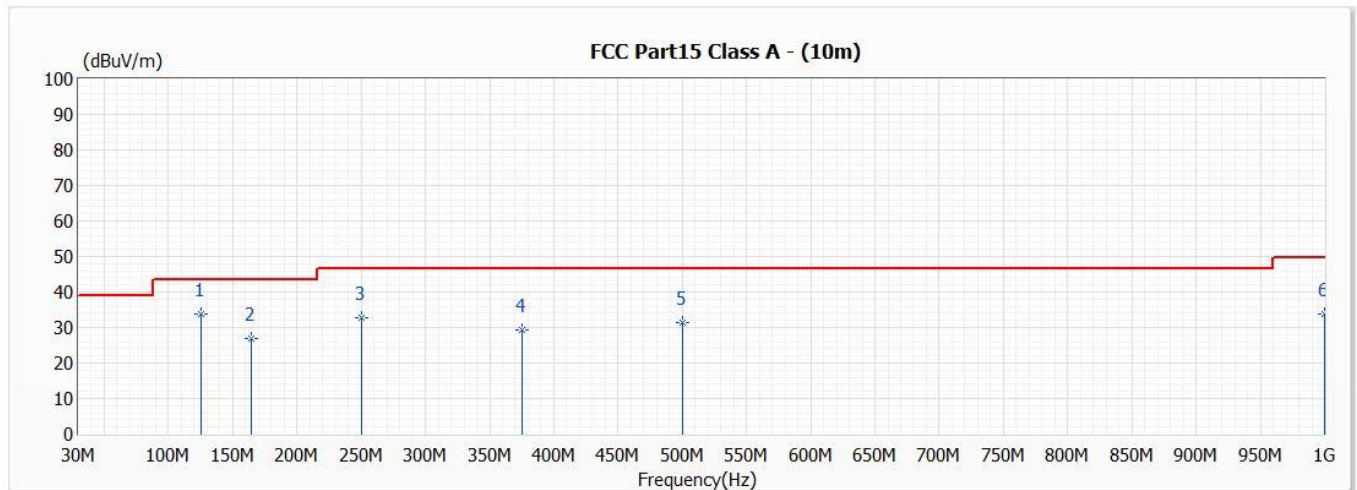


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
* 1	125.000	30.76	43.50	-12.74	42.80	-12.04	370	192	QP
2	165.400	28.89	43.50	-14.61	42.70	-13.81	370	21	QP
3	250.000	31.92	46.40	-14.48	42.30	-10.38	370	-90	QP
4	375.000	30.45	46.40	-15.95	37.30	-6.85	300	24	QP
5	500.000	31.03	46.40	-15.37	34.30	-3.27	300	-55	QP
6	1000.000	31.79	49.50	-17.71	26.50	5.29	100	-153	QP

Remark:

1. "*" means this data is the worst emission level; "!" 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	MAX Transit Pro E	Site	SITE2
Test Voltage	DC 12V	Test Date	2022/8/29
Test Mode	Mode 5	Engineer	Edward Chi
Polarity	Vertical	Temperature (°C)	30.8
Test Condition	--	Humidity (%RH)	62.2

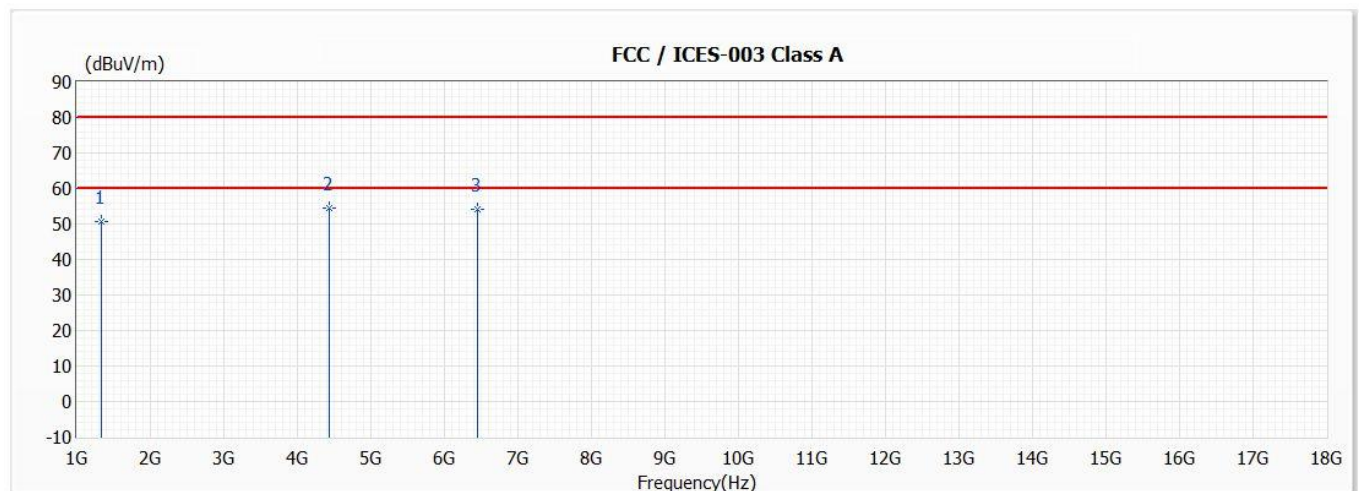


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
* 1	125.000	33.76	43.50	-9.74	45.80	-12.04	100	-89	QP
2	164.820	27.01	43.50	-16.49	40.80	-13.79	100	-103	QP
3	250.000	32.82	46.40	-13.58	43.20	-10.38	100	61	QP
4	375.000	29.45	46.40	-16.95	36.30	-6.85	100	-57	QP
5	500.000	31.33	46.40	-15.07	34.60	-3.27	300	-73	QP
6	1000.000	33.79	49.50	-15.71	28.50	5.29	150	-32	QP

Remark:

1. "*" means this data is the worst emission level; "!" 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	MAX Transit Pro E	Site	CB7
Test Voltage	AC 120V/60Hz	Test Date	2022/7/13
Test Mode	Mode 1	Engineer	Nilk Chen
Polarity	Horizontal	Temperature (°C)	26.3
Test Condition	--	Humidity (%RH)	53

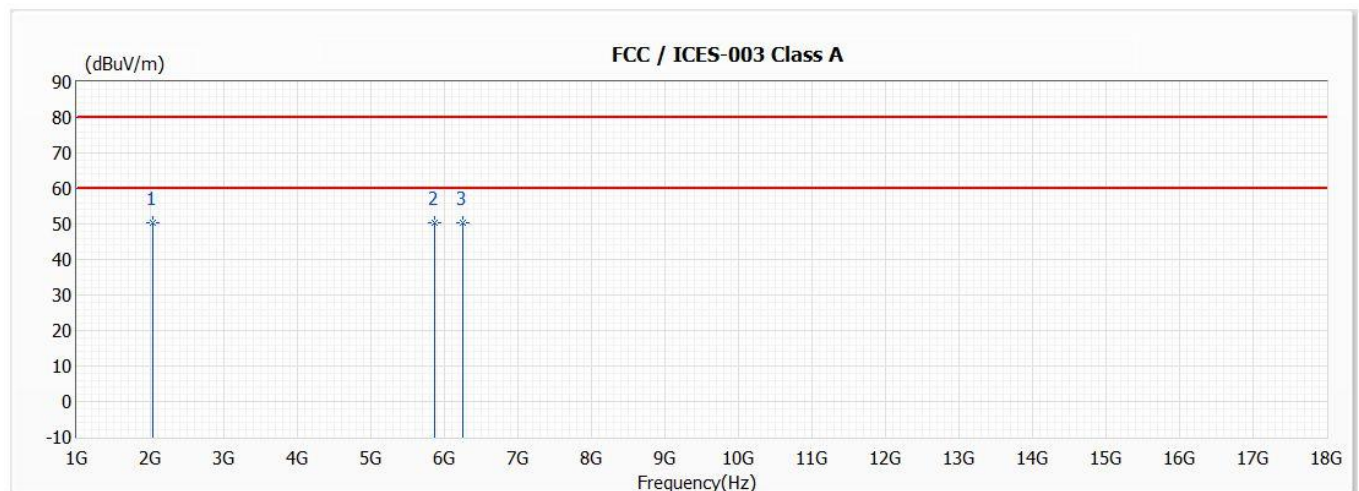


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	1340.000	50.81	80.00	-29.19	63.29	-12.48	140	-122	PK
* 2	4434.000	54.46	80.00	-25.54	56.61	-2.15	100	66	PK
3	6457.000	54.04	80.00	-25.96	52.42	1.62	150	184	PK

Remark:

1. "*" means this data is the worst emission level; "!" 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.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	MAX Transit Pro E	Site	CB7
Test Voltage	AC 120V/60Hz	Test Date	2022/7/13
Test Mode	Mode 1	Engineer	Nilk Chen
Polarity	Vertical	Temperature (°C)	26.3
Test Condition	--	Humidity (%RH)	53

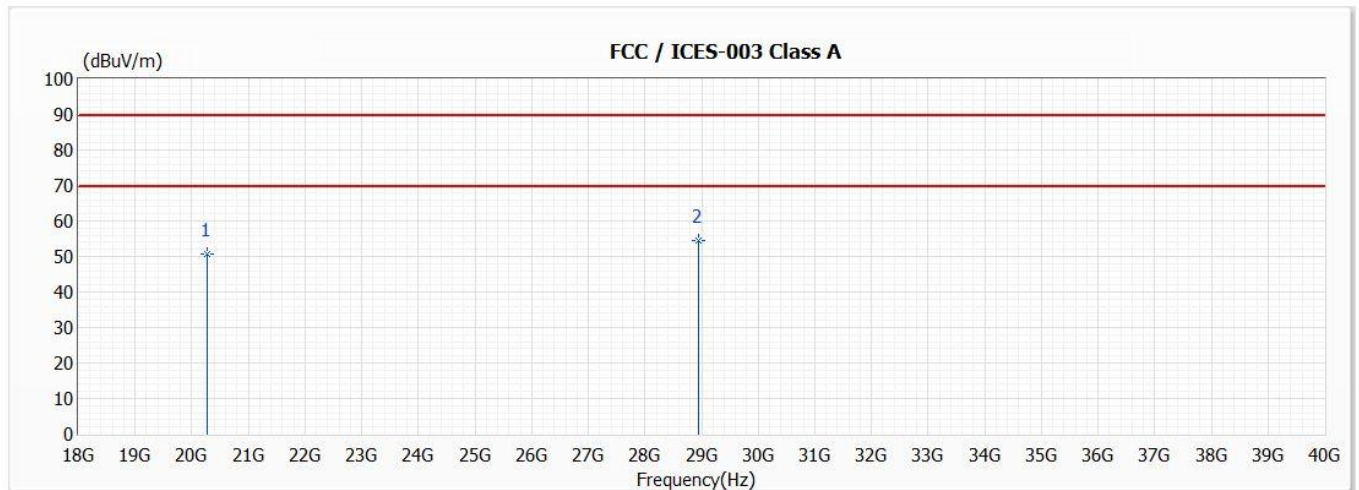


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	2037.000	50.34	80.00	-29.66	58.95	-8.61	180	-63	PK
2	5862.000	50.29	80.00	-29.71	50.17	0.12	150	154	PK
* 3	6253.000	50.35	80.00	-29.65	49.57	0.78	100	-31	PK

Remark:

1. "*" means this data is the worst emission level; "!" 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.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	MAX Transit Pro E	Site	CB7
Test Voltage	AC 120V/60Hz	Test Date	2022/7/13
Test Mode	Mode 1	Engineer	Nilk Chen
Polarity	Horizontal	Temperature (°C)	26.3
Test Condition	--	Humidity (%RH)	53

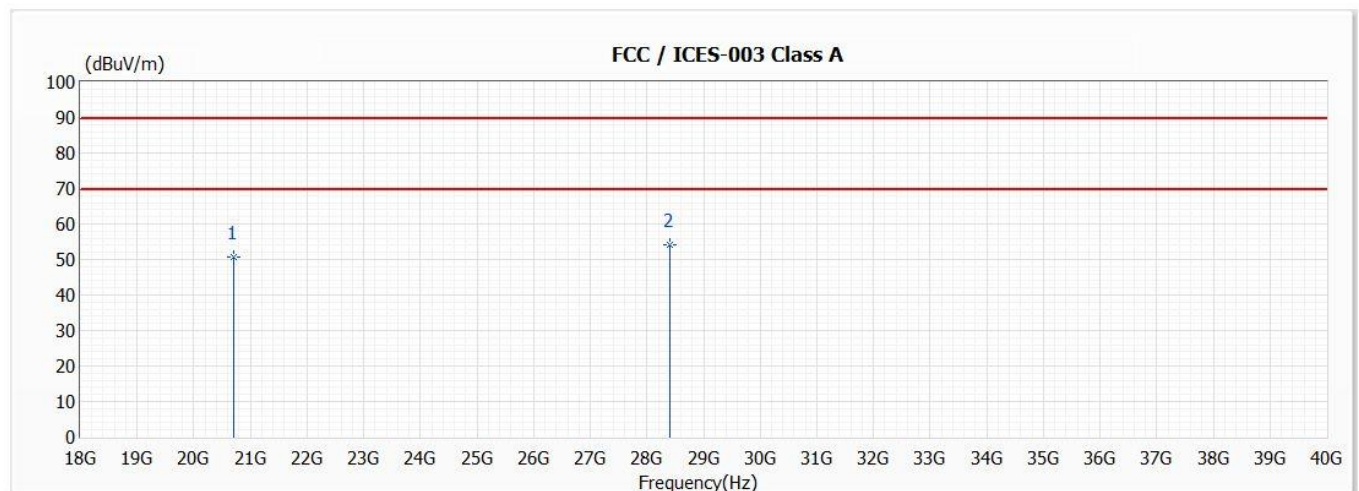


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	20282.000	50.80	89.50	-38.70	50.79	0.01	100	74	PK
* 2	28943.000	54.40	89.50	-35.10	49.73	4.67	100	-31	PK

Remark:

1. "*" means this data is the worst emission level; "!" 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.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	MAX Transit Pro E	Site	CB7
Test Voltage	AC 120V/60Hz	Test Date	2022/7/13
Test Mode	Mode 1	Engineer	Nilk Chen
Polarity	Vertical	Temperature (°C)	26.3
Test Condition	--	Humidity (%RH)	53

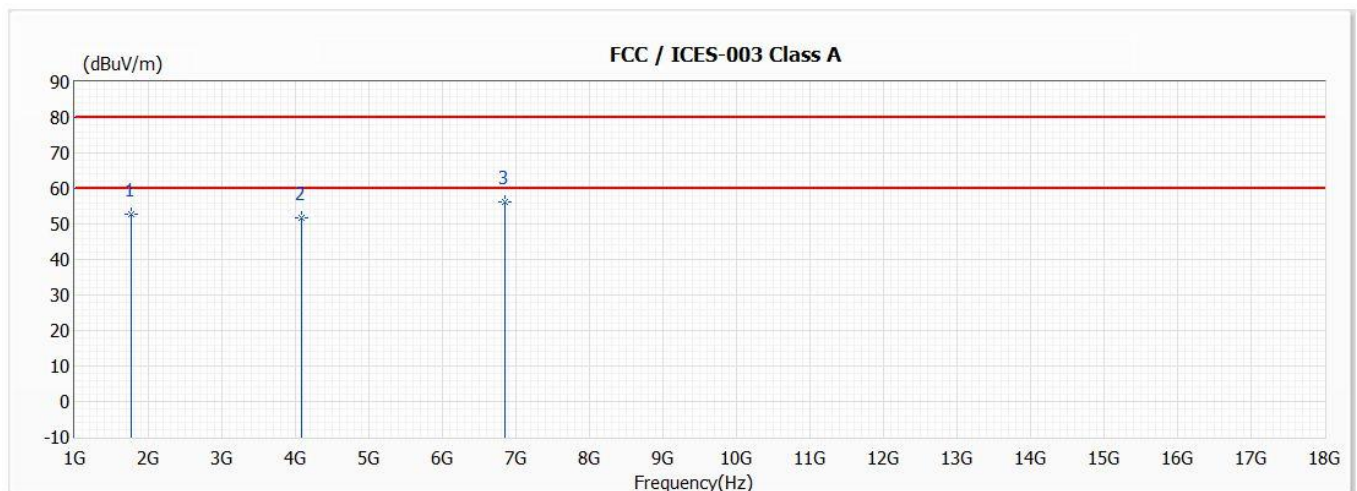


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	20707.000	50.60	89.50	-38.90	49.98	0.62	100	184	PK
* 2	28396.000	54.30	89.50	-35.20	49.65	4.65	100	-27	PK

Remark:

1. "*" means this data is the worst emission level; "!" 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.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	MAX Transit Pro E	Site	CB7
Test Voltage	DC 12V	Test Date	2022/7/13
Test Mode	Mode 2	Engineer	Nilk Chen
Polarity	Horizontal	Temperature (°C)	26.3
Test Condition	--	Humidity (%RH)	53

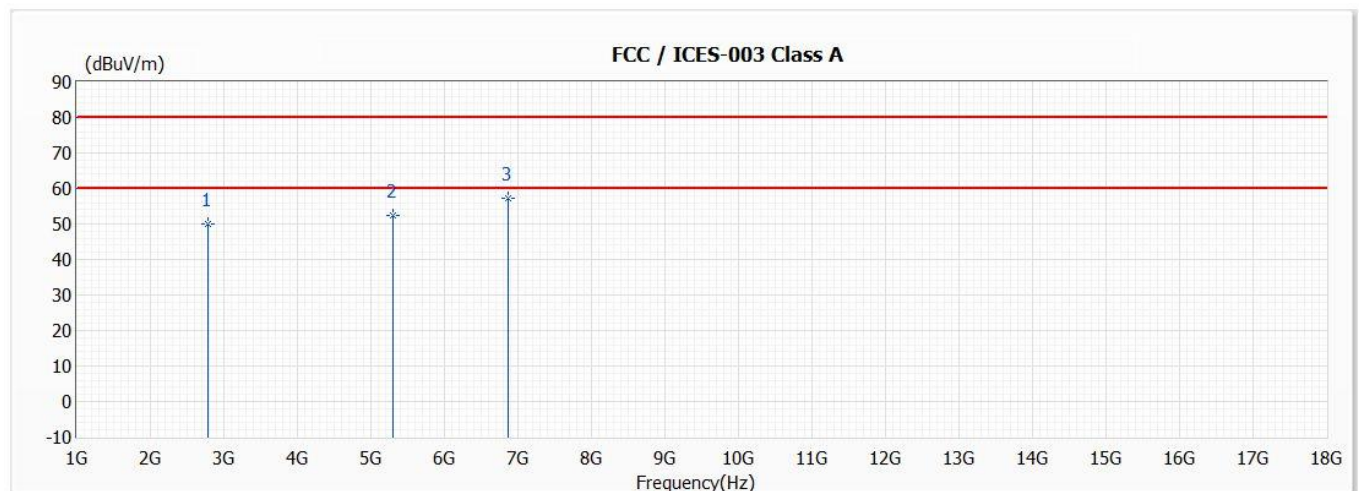


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	1765.000	52.71	80.00	-27.29	63.15	-10.44	100	84	PK
2	4077.000	51.56	80.00	-28.44	55.04	-3.48	170	-135	PK
* 3	6848.000	56.33	80.00	-23.67	54.74	1.59	110	64	PK

Remark:

1. "*" means this data is the worst emission level; "!" 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.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	MAX Transit Pro E	Site	CB7
Test Voltage	DC 12V	Test Date	2022/7/13
Test Mode	Mode 2	Engineer	Nilk Chen
Polarity	Vertical	Temperature (°C)	26.3
Test Condition	--	Humidity (%RH)	53

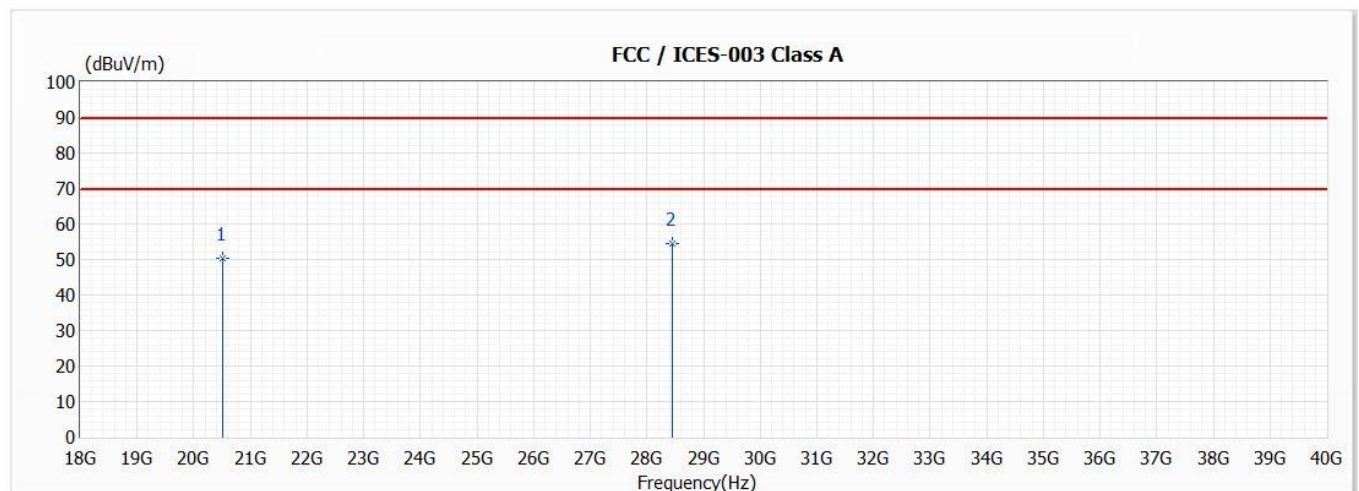


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	2785.000	50.01	80.00	-29.99	56.05	-6.04	150	-73	PK
2	5301.000	52.42	80.00	-27.58	53.23	-0.81	110	181	PK
* 3	6865.000	57.19	80.00	-22.81	55.62	1.57	100	45	PK

Remark:

1. "*" means this data is the worst emission level; "!" 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.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	MAX Transit Pro E	Site	CB7
Test Voltage	DC 12V	Test Date	2022/7/13
Test Mode	Mode 2	Engineer	Nilk Chen
Polarity	Horizontal	Temperature (°C)	26.3
Test Condition	--	Humidity (%RH)	53

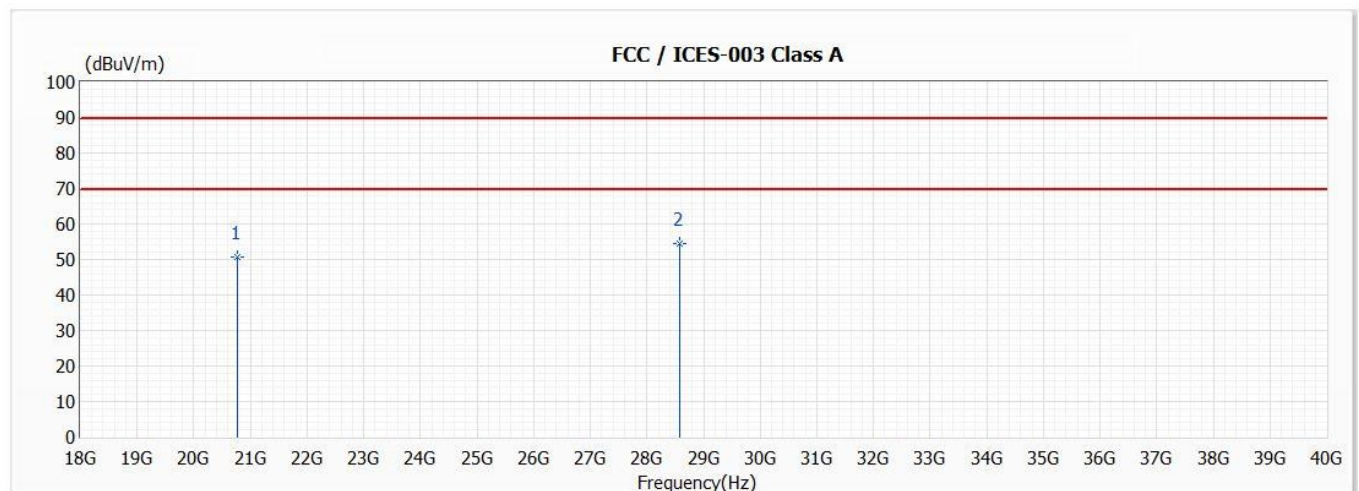


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	20501.000	50.20	89.50	-39.30	50.04	0.16	100	79	PK
* 2	28446.000	54.50	89.50	-35.00	49.89	4.61	100	188	PK

Remark:

1. "*" means this data is the worst emission level; "!" 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.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	MAX Transit Pro E	Site	CB7
Test Voltage	DC 12V	Test Date	2022/7/13
Test Mode	Mode 2	Engineer	Nilk Chen
Polarity	Vertical	Temperature (°C)	26.3
Test Condition	--	Humidity (%RH)	53

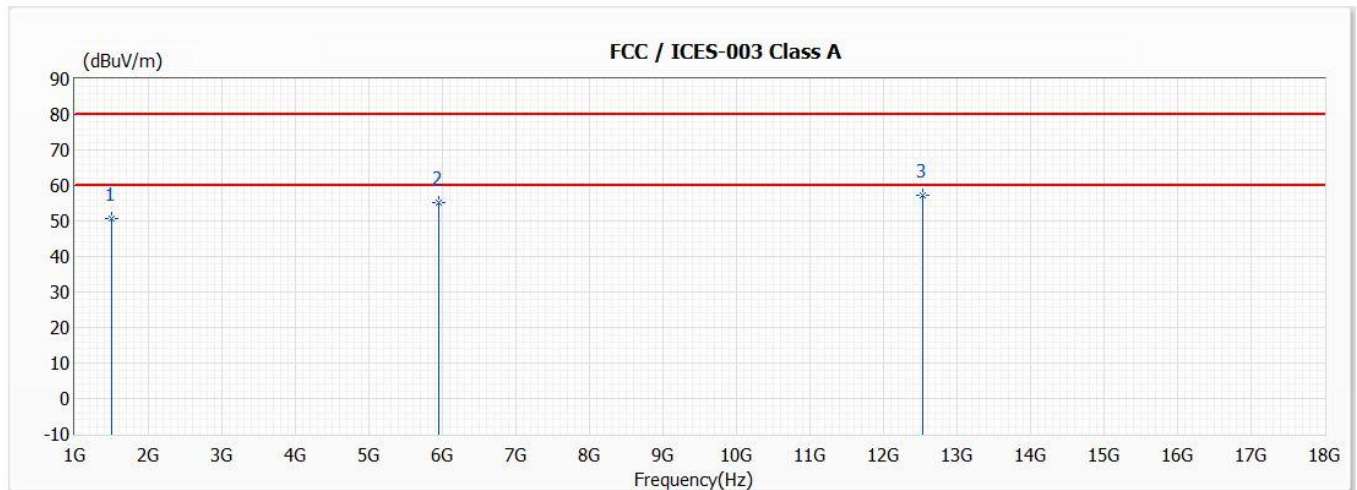


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	20776.000	50.80	89.50	-38.70	50.06	0.74	100	-39	PK
* 2	28579.000	54.40	89.50	-35.10	49.79	4.61	100	193	PK

Remark:

1. "*" means this data is the worst emission level; "!" 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.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	MAX Transit Pro E	Site	CB7
Test Voltage	DC 54V	Test Date	2022/8/27
Test Mode	Mode 3	Engineer	Nilk Chen
Polarity	Horizontal	Temperature (°C)	26.3
Test Condition	--	Humidity (%RH)	53

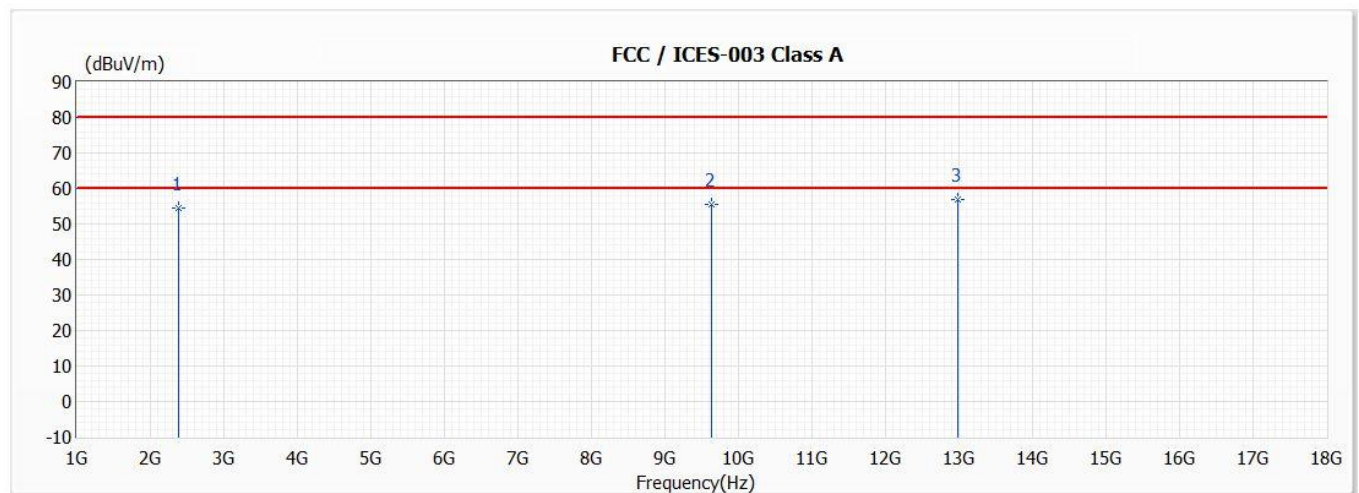


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	1493.000	50.74	80.00	-29.26	63.69	-12.95	100	27	PK
2	5947.000	55.17	80.00	-24.83	54.85	0.32	150	184	PK
* 3	12526.000	57.20	80.00	-22.80	49.87	7.33	110	-94	PK

Remark:

1. "*" means this data is the worst emission level; "!" 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.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	MAX Transit Pro E	Site	CB7
Test Voltage	DC 54V	Test Date	2022/8/27
Test Mode	Mode 3	Engineer	Nilk Chen
Polarity	Vertical	Temperature (°C)	26.3
Test Condition	--	Humidity (%RH)	53

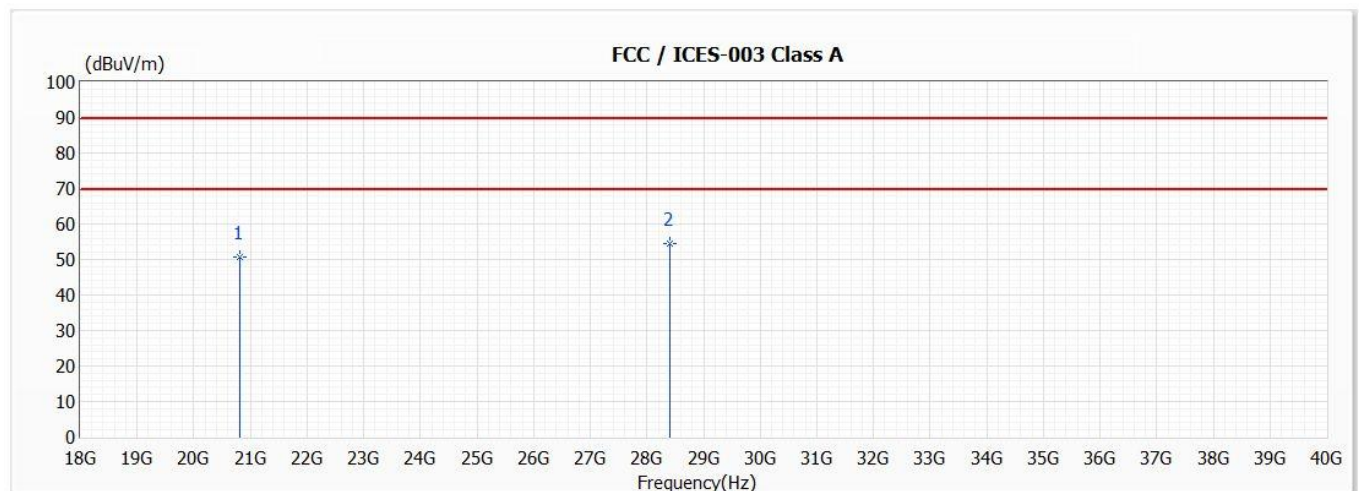


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	2377.000	54.34	80.00	-25.66	61.59	-7.25	110	-91	PK
2	9636.000	55.66	80.00	-24.34	51.59	4.07	150	184	PK
* 3	12985.000	56.78	80.00	-23.22	48.99	7.79	120	-47	PK

Remark:

1. "*" means this data is the worst emission level; "!" 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.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	MAX Transit Pro E	Site	CB7
Test Voltage	DC 54V	Test Date	2022/8/27
Test Mode	Mode 3	Engineer	Nilk Chen
Polarity	Horizontal	Temperature (°C)	26.3
Test Condition	--	Humidity (%RH)	53

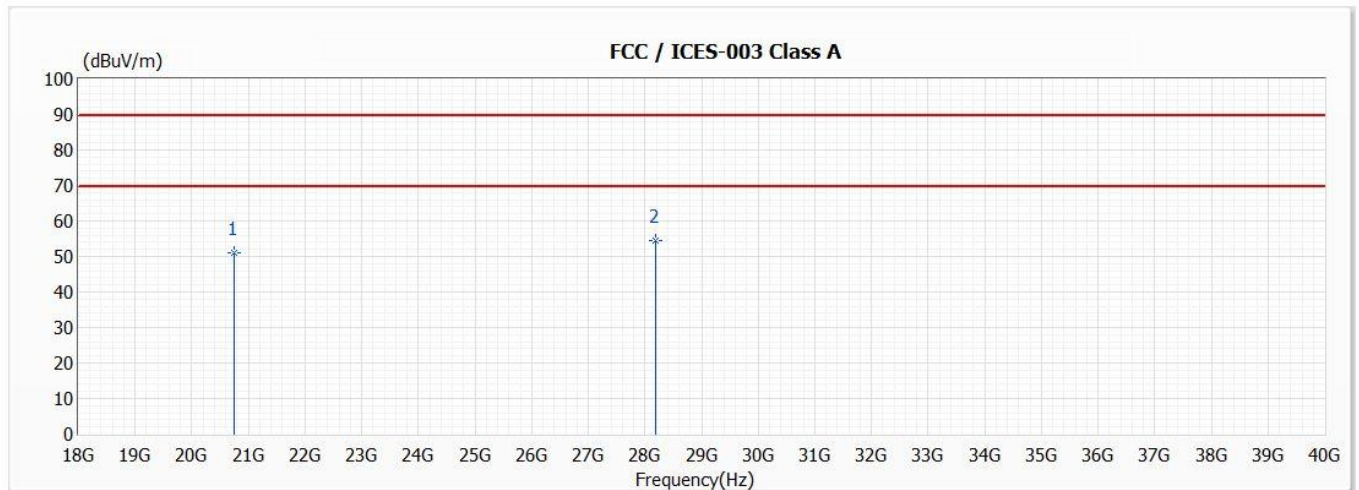


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	20816.000	50.70	89.50	-38.80	49.92	0.78	100	81	PK
* 2	28396.000	54.40	89.50	-35.10	49.75	4.65	100	-121	PK

Remark:

1. "*" means this data is the worst emission level; "!" 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.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	MAX Transit Pro E	Site	CB7
Test Voltage	DC 54V	Test Date	2022/8/27
Test Mode	Mode 3	Engineer	Nilk Chen
Polarity	Vertical	Temperature (°C)	26.3
Test Condition	--	Humidity (%RH)	53

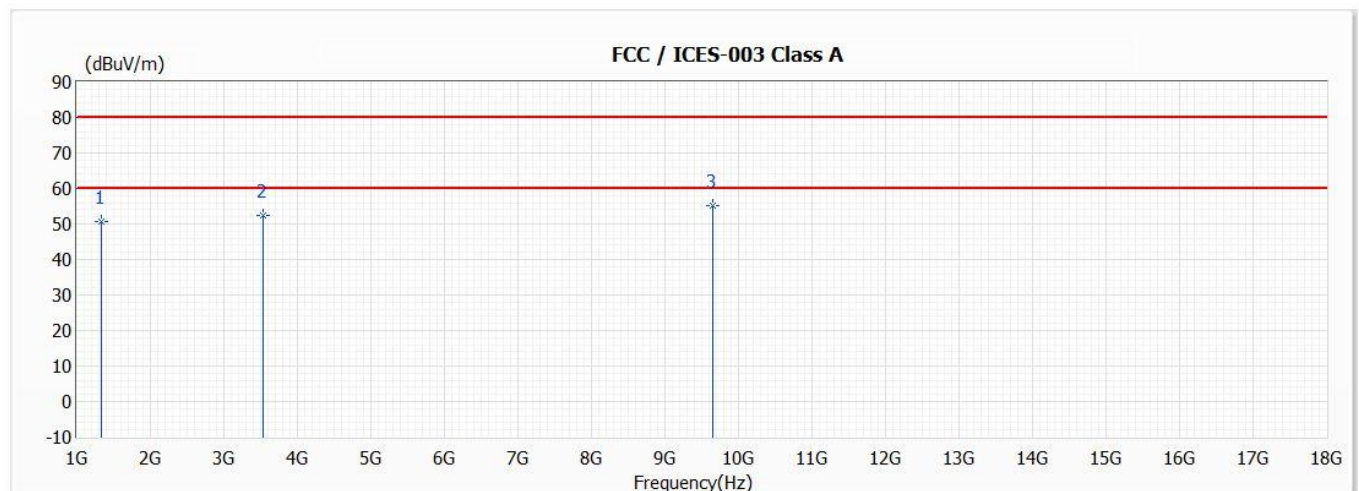


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	20744.000	50.90	89.50	-38.60	50.20	0.70	100	-74	PK
* 2	28194.000	54.60	89.50	-34.90	49.88	4.72	100	166	PK

Remark:

1. "*" means this data is the worst emission level; "!" 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.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	MAX Transit Pro E	Site	CB7
Test Voltage	DC 56V	Test Date	2022/7/13
Test Mode	Mode 4	Engineer	Nilk Chen
Polarity	Horizontal	Temperature (°C)	26.3
Test Condition	--	Humidity (%RH)	53

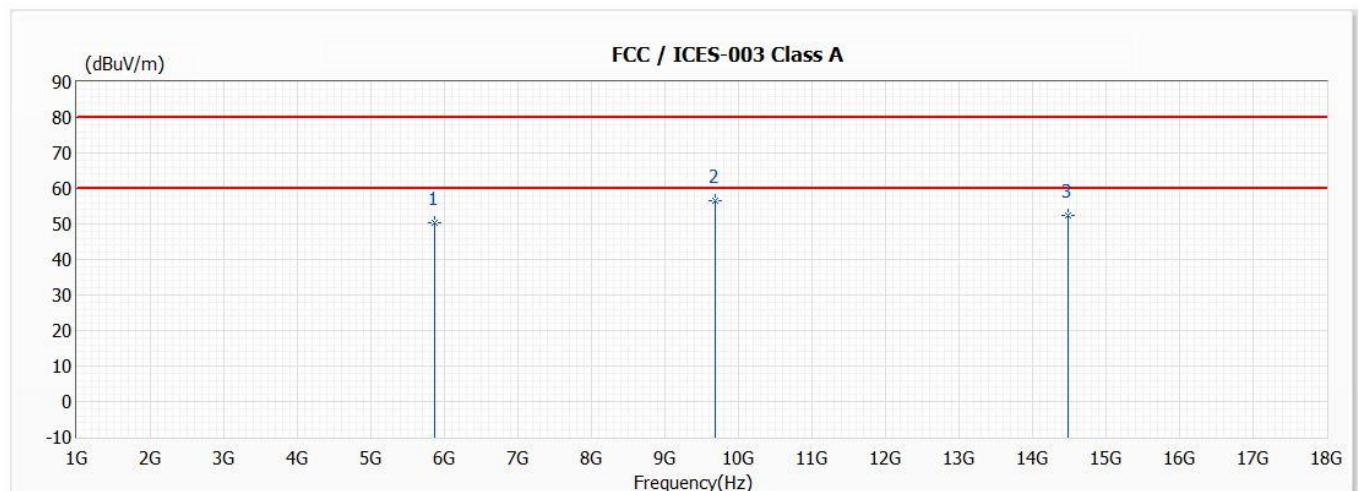


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	1340.000	50.81	80.00	-29.19	63.29	-12.48	120	28	PK
2	3533.000	52.45	80.00	-27.55	56.11	-3.66	100	64	PK
* 3	9653.000	55.31	80.00	-24.69	51.25	4.06	110	-128	PK

Remark:

1. "*" means this data is the worst emission level; "!" 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.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	MAX Transit Pro E	Site	CB7
Test Voltage	DC 56V	Test Date	2022/7/13
Test Mode	Mode 4	Engineer	Nilk Chen
Polarity	Vertical	Temperature (°C)	26.3
Test Condition	--	Humidity (%RH)	53

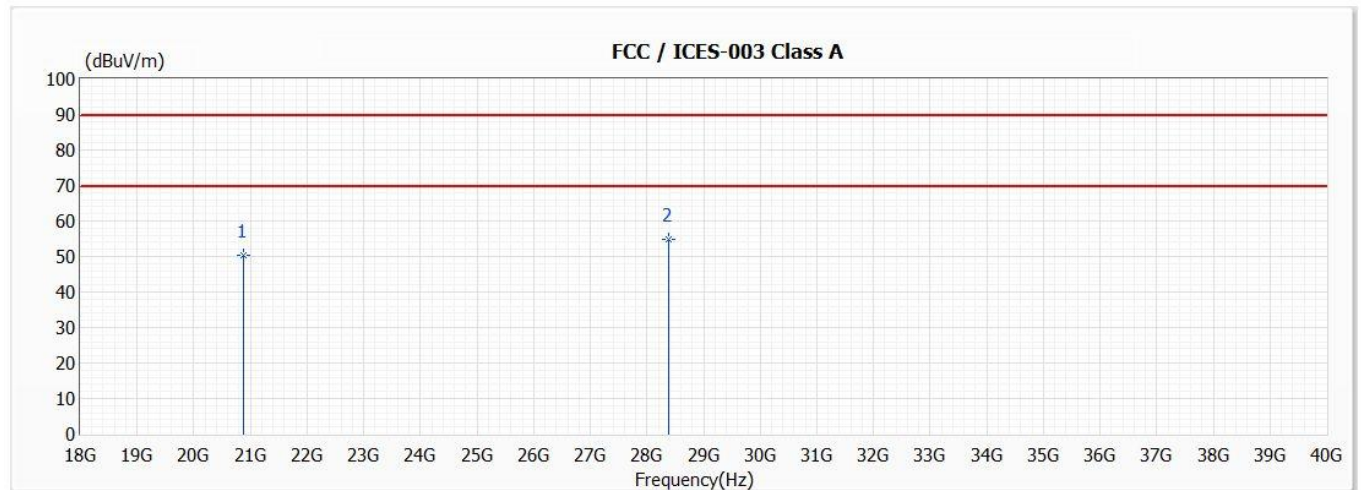


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	5862.000	50.29	80.00	-29.71	50.17	0.12	160	174	PK
* 2	9687.000	56.50	80.00	-23.50	52.40	4.10	100	-85	PK
3	14481.000	52.47	80.00	-27.53	42.98	9.49	140	41	PK

Remark:

1. "*" means this data is the worst emission level; "!" 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.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	MAX Transit Pro E	Site	CB7
Test Voltage	DC 56V	Test Date	2022/7/13
Test Mode	Mode 4	Engineer	Nilk Chen
Polarity	Horizontal	Temperature (°C)	26.3
Test Condition	--	Humidity (%RH)	53

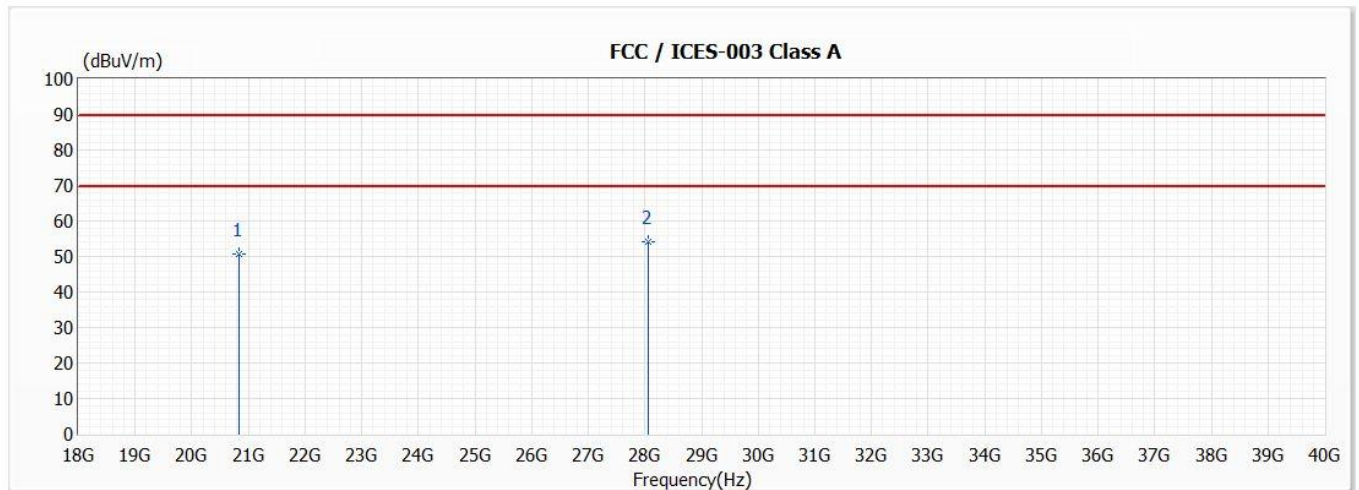


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	20884.000	50.20	89.50	-39.30	49.35	0.85	100	94	PK
* 2	28394.000	54.80	89.50	-34.70	50.15	4.65	100	112	PK

Remark:

1. "*" means this data is the worst emission level; "!" 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.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	MAX Transit Pro E	Site	CB7
Test Voltage	DC 56V	Test Date	2022/7/13
Test Mode	Mode 4	Engineer	Nilk Chen
Polarity	Vertical	Temperature (°C)	26.3
Test Condition	--	Humidity (%RH)	53

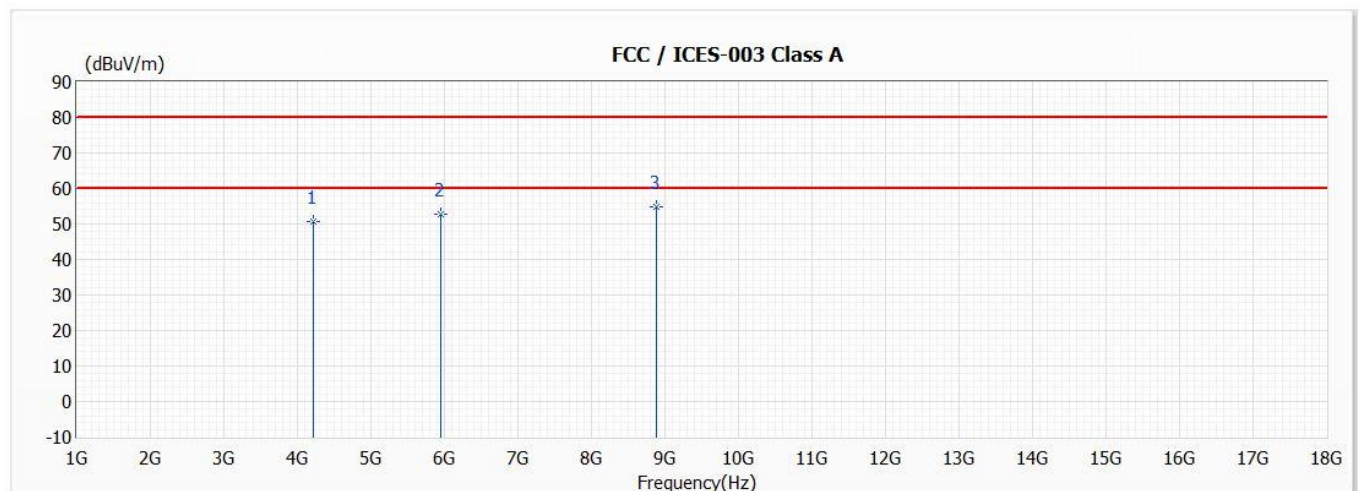


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	20844.000	50.70	89.50	-38.80	49.89	0.81	100	-93	PK
* 2	28049.000	54.10	89.50	-35.40	49.46	4.64	100	196	PK

Remark:

1. "*" means this data is the worst emission level; "!" 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.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	MAX Transit Pro E	Site	CB7
Test Voltage	DC 12V	Test Date	2022/8/27
Test Mode	Mode 5	Engineer	Nilk Chen
Polarity	Horizontal	Temperature (°C)	26.3
Test Condition	--	Humidity (%RH)	53

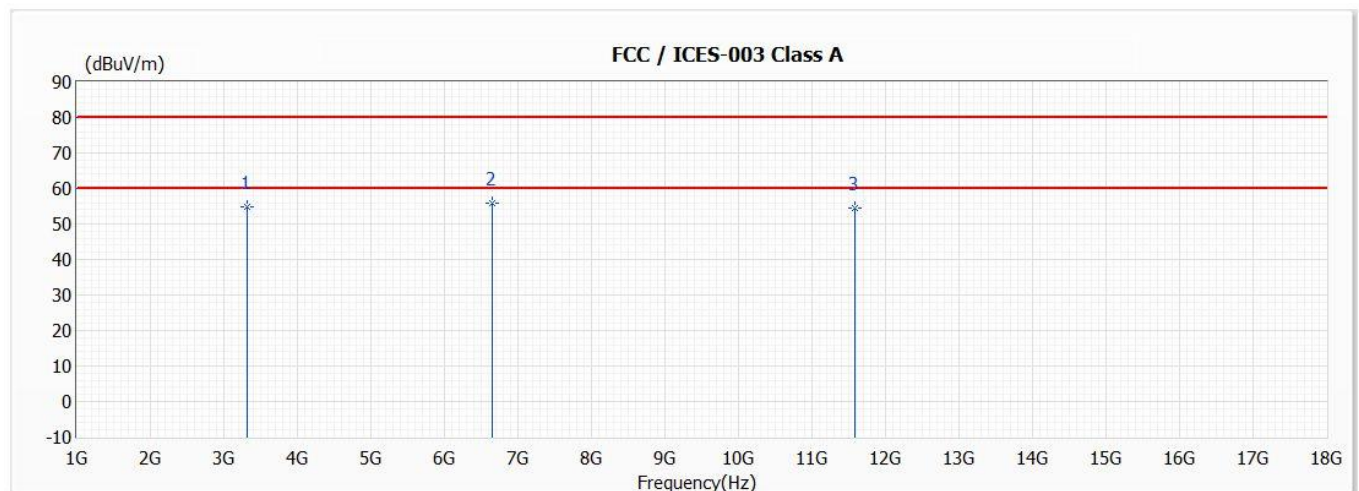


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	4213.000	50.86	80.00	-29.14	53.88	-3.02	100	94	PK
2	5947.000	52.61	80.00	-27.39	52.29	0.32	160	-6	PK
* 3	8888.000	54.78	80.00	-25.22	51.78	3.00	110	181	PK

Remark:

1. "*" means this data is the worst emission level; "!" 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.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	MAX Transit Pro E	Site	CB7
Test Voltage	DC 12V	Test Date	2022/8/27
Test Mode	Mode 5	Engineer	Nilk Chen
Polarity	Vertical	Temperature (°C)	26.3
Test Condition	--	Humidity (%RH)	53

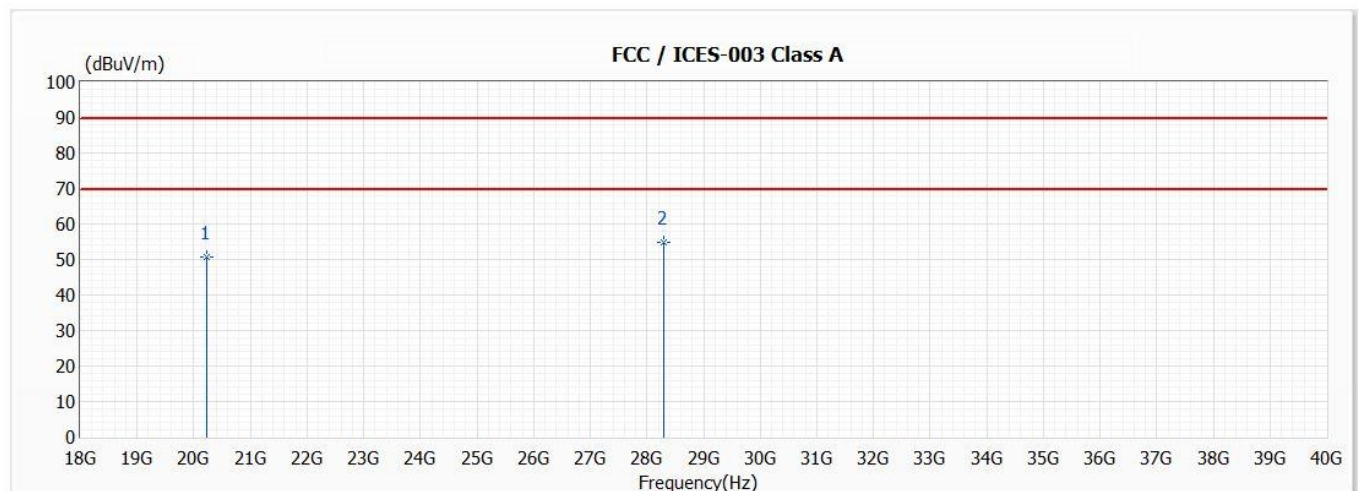


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	3312.000	54.73	80.00	-25.27	59.52	-4.79	140	127	PK
* 2	6644.000	55.91	80.00	-24.09	54.28	1.63	100	-83	PK
3	11591.000	54.32	80.00	-25.68	47.94	6.38	180	55	PK

Remark:

1. "*" means this data is the worst emission level; "!" 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.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	MAX Transit Pro E	Site	CB7
Test Voltage	DC 12V	Test Date	2022/8/27
Test Mode	Mode 5	Engineer	Nilk Chen
Polarity	Horizontal	Temperature (°C)	26.3
Test Condition	--	Humidity (%RH)	53

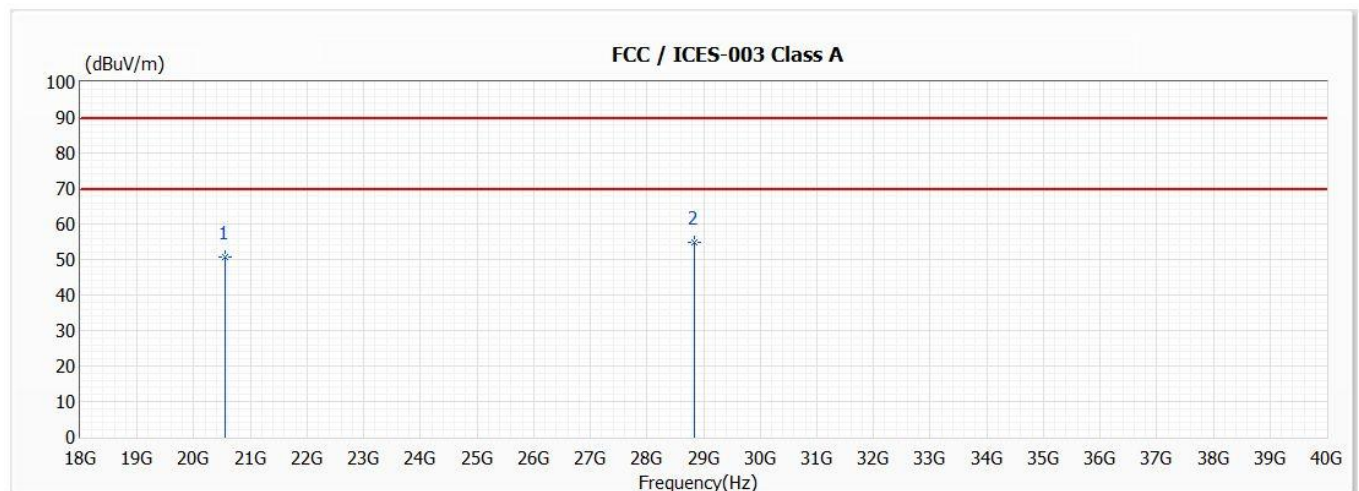


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	20227.000	50.70	89.50	-38.80	50.73	-0.03	100	64	PK
* 2	28297.000	54.70	89.50	-34.80	49.99	4.71	100	-117	PK

Remark:

1. "*" means this data is the worst emission level; "!" 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.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

Model No	MAX Transit Pro E	Site	CB7
Test Voltage	DC 12V	Test Date	2022/8/27
Test Mode	Mode 5	Engineer	Nilk Chen
Polarity	Vertical	Temperature (°C)	26.3
Test Condition	--	Humidity (%RH)	53



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	20554.000	50.70	89.50	-38.80	50.42	0.28	100	-69	PK
* 2	28847.000	54.70	89.50	-34.80	50.03	4.67	100	144	PK

Remark:

1. "*" means this data is the worst emission level; "!" 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.
4. The above 1 GHz test. When PEAK measures level less than AV limit by 20 dBuV, its average is not measured separately.

4.6. Test Photograph

Test Mode : Mode 1

Description : Front View of Radiated Test



Test Mode : Mode 1

Description : Back View of Radiated Test



Test Mode : Mode 1

Description : Front View of High Frequency Radiated Test



Test Mode : Mode 2

Description : Front View of Radiated Test



Test Mode : Mode 2

Description : Back View of Radiated Test



Test Mode : Mode 2

Description : Front View of High Frequency Radiated Test



Test Mode : Mode 3

Description : Front View of Radiated Test



Test Mode : Mode 3

Description : Back View of Radiated Test



Test Mode : Mode 3

Description : Front View of High Frequency Radiated Test



Test Mode : Mode 4

Description : Front View of Radiated Test



Test Mode : Mode 4

Description : Back View of Radiated Test



Test Mode : Mode 4

Description : Front View of High Frequency Radiated Test



Test Mode : Mode 5

Description : Front View of Radiated Test



Test Mode : Mode 5

Description : Back View of Radiated Test



Test Mode : Mode 5

Description : Front View of High Frequency Radiated Test

