



Test report No: 2640466R-0E3012110014-A

FCC TEST REPORT

Compliance with Canada Interference-Causing Equipment Standard ICES-003

Product Name	Peplink Pepwave Balance Product
Trademark	
Model and /or type reference	SDX Ultra BPL-SDX-ULTRA-PRM
FCC ID	2BVXV-P1X19N
Applicant's name / address	PSG TECHNOLOGIES (S) PTE. LIMITED 111 NORTH BRIDGE ROAD, #08-11, PENINSULA PLAZA, SINGAPORE 179098
Manufacturer's name / address	PSG TECHNOLOGIES (S) PTE. LIMITED 111 NORTH BRIDGE ROAD, #08-11, PENINSULA PLAZA, SINGAPORE 179098
Test method requested, standard	FCC CFR Title 47 Part 15 Subpart B:2024, Class A ICES-003 Issue 7:2020, Class A
Verdict Summary	IN COMPLIANCE
Documented By (Adm. Specialist / Peggy Tu)	
Approved By (Director / Vincent Lin)	
Date of Report	2026/04/17
Date of Issue	2026/05/27
Report No.	2640466R-0E3012110014-A
Report Version	V1.0

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Product Photos: Please refer to the file: 2640466R-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
2640466R-0E3012110014-A	V1.0	Initial issue of report.	2026-05-27

1. General Information

1.1. EUT Description

Product Name	Peplink Pepwave Balance Product
Trademark	
Model No.	SDX Ultra BPL-SDX-ULTRA-PRM
EUT Max Frequency	4.7 GHz
EUT Rated Voltage	AC 100-240V 50/60Hz
EUT Test Voltage	AC 120V / 60Hz

No	Accessories	Brand Name	Model Name	Remark
1	Redundant switching power supply	SENAO	ERA90-PPA-BF	Redundant CRPS 54V/ 900W (1+1) PSU
2	Power Cord	QUEEN PUO	005-028065-007	Non-shielded 1.8m

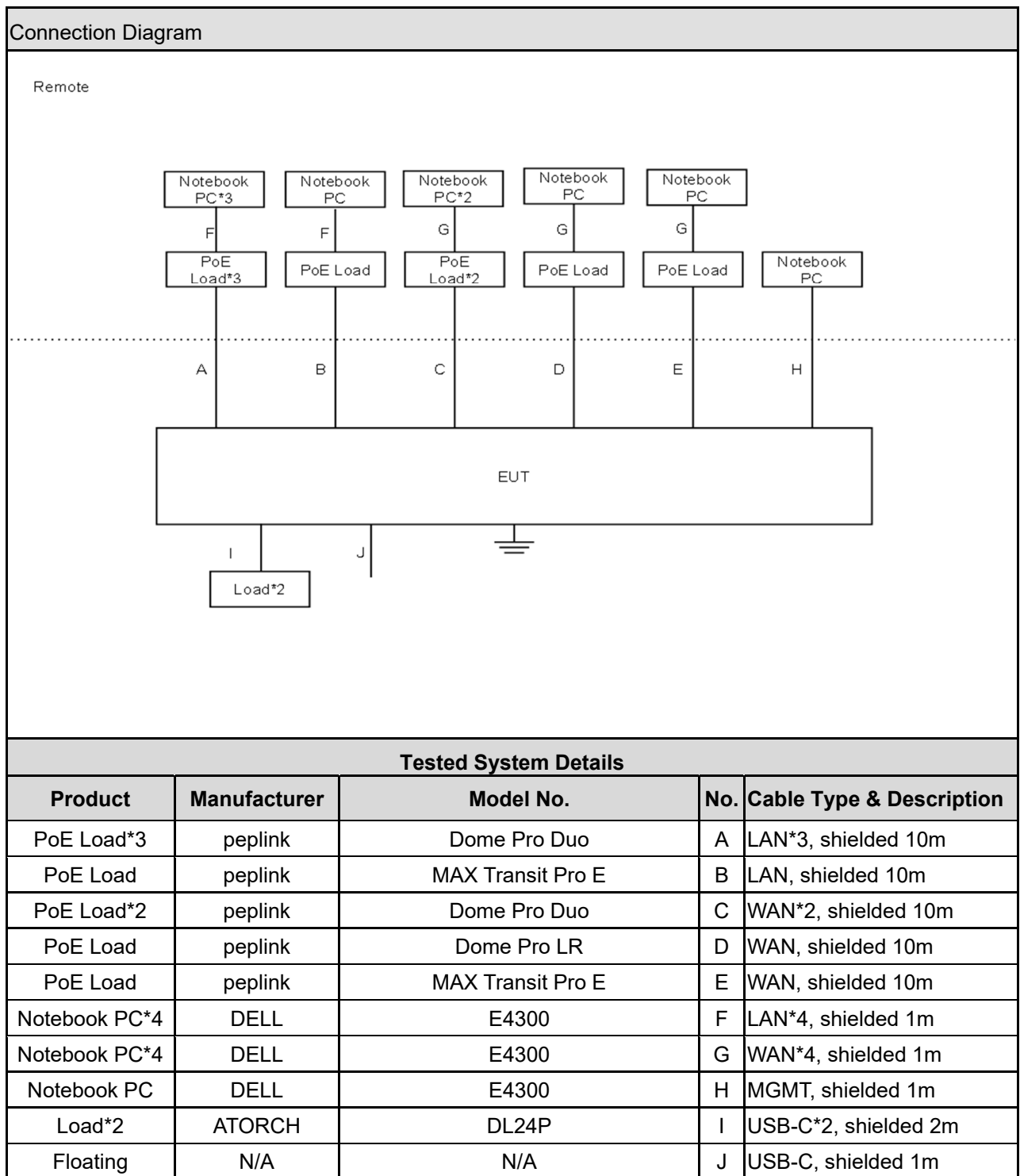
Note: The EUT is available in different model names for marketing purposes.

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: Normal Operation(MGMT: 2.5Gbps + WAN(PoE) 1~3: 2.5Gbps + WAN(PoE) 4: 1Gbps + LAN(PoE) 1~3: 2.5Gbps + LAN(PoE) 4: 1Gbps + USB-C 1~2: Output 5V/3A), Single Power	
Mode 2: Normal Operation(MGMT: 2.5Gbps + WAN(PoE) 1~3: 2.5Gbps + WAN 4: 10Gbps + LAN(PoE) 1~3: 2.5Gbps + LAN 4: 10Gbps + USB-C 1~2: Output 5V/3A), Single Power	
Mode 3: Normal Operation(MGMT: 2.5Gbps + WAN(PoE) 1~3: 2.5Gbps + WAN(PoE) 4: 1Gbps + LAN(PoE) 1~3: 2.5Gbps + LAN(PoE) 4: 1Gbps + USB-C 1~2: Output 5V/3A), Dual Power	
Mode 4: Normal Operation(MGMT: 2.5Gbps + WAN(PoE) 1~3: 2.5Gbps + WAN 4: 10Gbps + LAN(PoE) 1~3: 2.5Gbps + LAN 4: 10Gbps + USB-C 1~2: Output 5V/3A), Dual Power	
Pre-Test Mode (Radiated Emission)	
Mode 1: Normal Operation(MGMT: 2.5Gbps + WAN(PoE) 1~3: 2.5Gbps + WAN(PoE) 4: 1Gbps + LAN(PoE) 1~3: 2.5Gbps + LAN(PoE) 4: 1Gbps + USB-C 1~2: Output 5V/3A), Single Power	
Mode 2: Normal Operation(MGMT: 2.5Gbps + WAN(PoE) 1~3: 2.5Gbps + WAN 4: 10Gbps + LAN(PoE) 1~3: 2.5Gbps + LAN 4: 10Gbps + USB-C 1~2: Output 5V/3A), Single Power	
Mode 3: Normal Operation(MGMT: 2.5Gbps + WAN(PoE) 1~3: 2.5Gbps + WAN(PoE) 4: 1Gbps + LAN(PoE) 1~3: 2.5Gbps + LAN(PoE) 4: 1Gbps + USB-C 1~2: Output 5V/3A), Dual Power	
Mode 4: Normal Operation(MGMT: 2.5Gbps + WAN(PoE) 1~3: 2.5Gbps + WAN 4: 10Gbps + LAN(PoE) 1~3: 2.5Gbps + LAN 4: 10Gbps + USB-C 1~2: Output 5V/3A), Dual Power	
Final Test Mode	
Emission	Mode 1

1.3. Configuration & Details 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.

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:2024 ICES-003 Issue 7:2020	Yes	HY-SR09	Pass
Radiated Emission (Class A)	FCC CFR Title 47 Part 15 Subpart B:2024 ICES-003 Issue 7:2020	Yes	FS-CB01 HY-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 C63.4-2014 , a ANSI C63.4a-2017, ICES-003 shall comply either with the requirements in CAN/CSA-CISPR 32:17 or with those in ANSI C63.4-2014 , a ANSI C63.4a-2017.

Test Laboratory:	DEKRA Testing and Certification Co., Ltd.
	Linkou Laboratory
Address:	No. 85, Wenlin St., Linkou Dist., New Taipei City, 244017, Taiwan, R.O.C
Phone number:	+886-2-7753-2700
Fax number:	+886-2-2602-6881
Test Site	
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 / HY-SR09

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Due Date
EMI Test Receiver	R&S	ESR3	102041	2024/7/10	2026/7/9
Two-Line V-Network	R&S	ENV216	101493	2025/11/25	2027/11/24
Two-Line V-Network	R&S	ENV216	101492	2025/12/10	2027/12/9
V-LISN	Schwarzbeck	NNBL 8226	176	2025/8/6	2027/8/5
V-LISN	Schwarzbeck	NNBL 8226	177	2025/8/6	2027/8/5
Impedance Stabilization Network	TESEQ	ISN T800	61676	2024/6/5	2026/6/4
Impedance Stabilization Network	TESEQ	ISN T8-Cat6	61286	2024/6/18	2026/6/17
Impedance Stabilization Network	TESEQ	ISN ST08	61833	2024/6/19	2026/6/18
Coaxial Cable	SUHNER	RG 400	HC001-RG	2025/5/30	2026/5/29
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) / FS-CB01

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Due Date
Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	01124	2025/10/1	2026/9/30
Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	01126	2025/10/1	2026/9/30
EMI Test Receiver	R&S	ESR7	102255	2026/3/12	2027/3/11
EMI Test Receiver	R&S	ESR7	102254	2025/12/9	2026/12/8
Coaxial Cable	SUHNER	SUCOFLEX 106	AC043-SF	2025/7/5	2026/7/4
Coaxial Cable	SUHNER	SUCOFLEX 106	AC044-SF	2025/7/5	2026/7/4
Coaxial Cable	SUHNER	SUCOFLEX 106	AC045-SF	2025/7/5	2026/7/4
Coaxial Cable	SUHNER	SUCOFLEX 106	AC046-SF	2025/7/5	2026/7/4
Coaxial Cable	SUHNER	SUCOFLEX 106	AC047-SF	2025/7/5	2026/7/4
Coaxial Cable	SUHNER	SUCOFLEX 106	AC049-SF	2025/7/5	2026/7/4
Coaxial Cable	SUHNER	SUCOFLEX 106	AC051-SF	2025/7/5	2026/7/4
Coaxial Cable	SUHNER	SUCOFLEX 106	AC052-SF	2025/7/5	2026/7/4
Preamplifier	SGH	SGH0301	20211007-1	2026/4/7	2027/4/6
Preamplifier	SGH	SGH0301	20211007-5	2025/12/23	2026/12/22
NSA	DEKRA	N/A	N/A	2025/7/6	2026/7/5
Test Software version : e3 V9					

Note: Test Receiver Detector: Quasipeak Bandwidth: 120kHz

Radiated Emission (Above 1GHz) / HY-CB05

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Due Date
Double Ridged Guide Horn Antenna	RF SPIN	DRH18-E	210504A18ES	2026/4/24	2028/4/23
Horn Antenna	COM-POWER	AH-840	10090015	2025/10/7	2027/10/6
EMI Test Receiver	R&S	ESR7	102502	2026/4/24	2027/4/23
Signal Analyzer	R&S	FSV3044	101115	2025/12/22	2027/12/21
Coaxial Cable	R&S	SUCOFLEX 104	LC037-SF	2025/9/30	2026/9/29
Coaxial Cable	ROSNOL	R-Test EW0630	HC003R	2025/6/17	2026/6/16
Coaxial Cable	VEGINEAN	VCA-VA500	HQ003C	2025/6/17	2026/6/16
Preamplifier	SGH	PRAMP118	20200702	2026/1/10	2027/1/9
Microwave Preamplifier with cable	SGH	SGH184	20220411-3	2026/5/7	2027/5/6
VSWR	DEKRA	N/A	N/A	2025/8/22	2026/8/21
Test Software version : e3 V9					

2.3. Measurement Uncertainty

Test Items	Uncertainty
Conducted Emission	± 2.40 dB
Radiated Emission (Below 1GHz)	± 5.60 dB
Radiated Emission (Above 1GHz)	± 4.70 dB

2.4. Test Environment

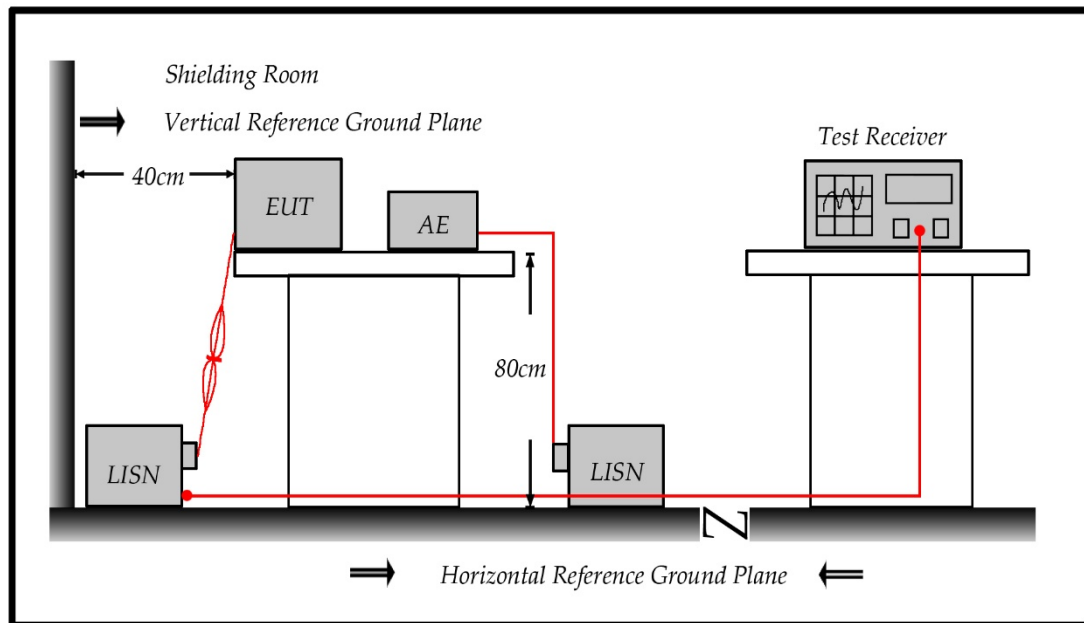
Performed Item	Items	Required
Conducted Emission	Temperature (°C)	10-40
	Humidity (%RH)	20-90
Radiated Emission	Temperature (°C)	10-40
	Humidity (%RH)	20-90

3. Conducted Emission

3.1. Test Specification

According to Standard : FCC Part 15 Subpart B, ICES-003 Issue 7, 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 dBμV decreases linearly with the logarithm of frequency				

Remarks: In the above table, the tighter limit applies at the band edges.

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.

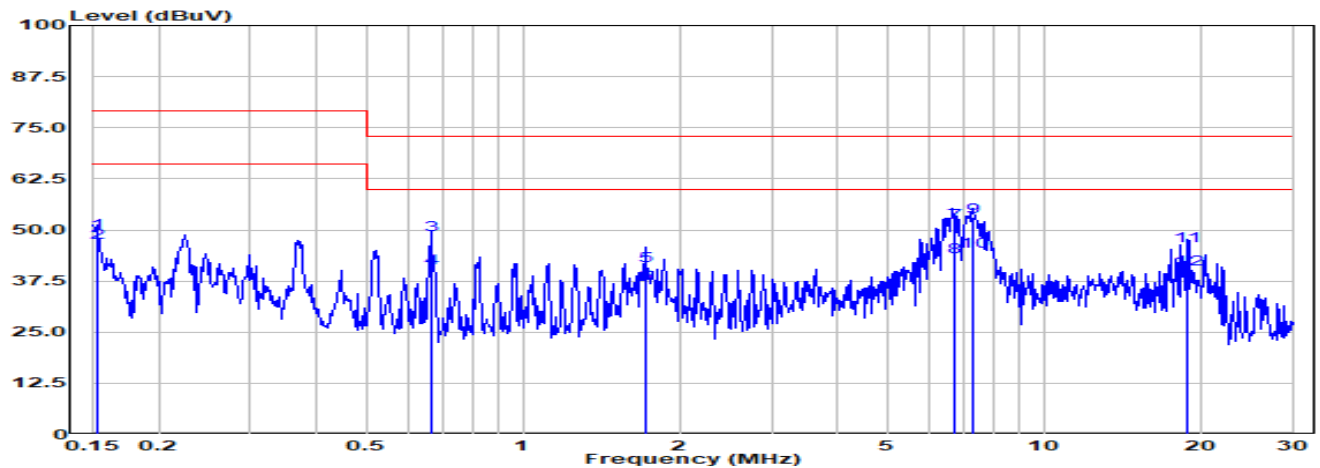
(Please refers to the block diagram of the test setup and photographs.)

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	SDX Ultra	Site	HY-SR09
Test Voltage	AC 120V/60Hz	Test Date	2026-05-07
Test Mode	Mode 1	Engineer	Monica Wu
Phase	Line	Temperature (°C)	24
Test Condition	--	Humidity (%RH)	68

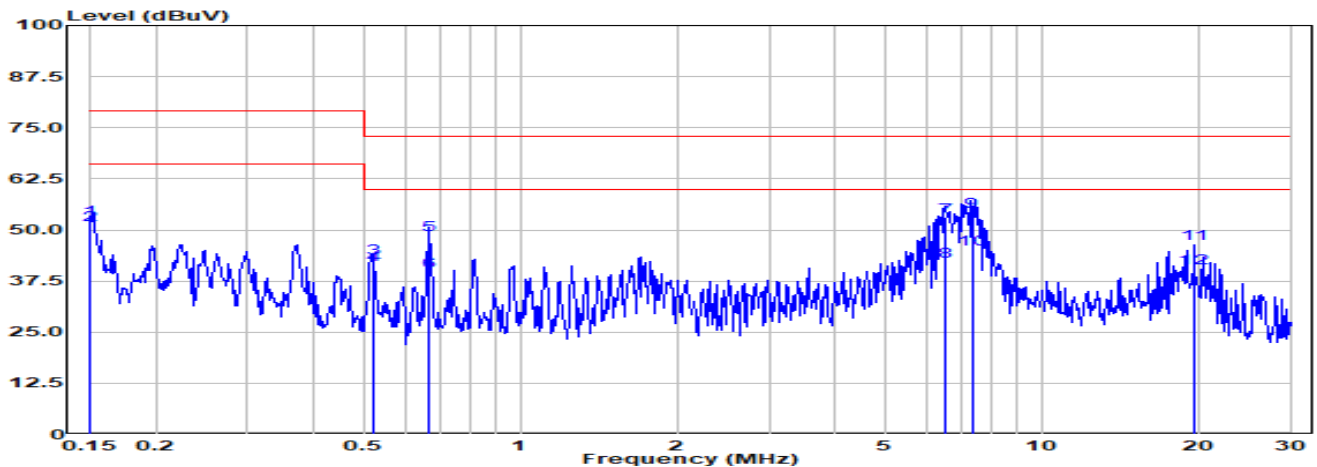


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.152	49.35	79.00	-29.65	39.69	9.66	QP
2	0.152	46.78	66.00	-19.22	37.12	9.66	Average
3	0.670	48.82	73.00	-24.18	39.15	9.67	QP
4	0.670	40.70	60.00	-19.30	31.03	9.67	Average
5	1.721	41.11	73.00	-31.89	31.37	9.74	QP
6	1.721	36.76	60.00	-23.24	27.02	9.74	Average
7	6.728	51.77	73.00	-21.23	41.83	9.94	QP
8	6.728	43.29	60.00	-16.71	33.35	9.94	Average
9	7.319	53.19	73.00	-19.81	43.23	9.96	QP
10	7.319	44.71	60.00	-15.29	34.75	9.96	Average
11	18.835	46.03	73.00	-26.97	35.82	10.21	QP
12	18.835	40.26	60.00	-19.74	30.05	10.21	Average

Remark:

1. "*" means this data is the worst margin; "!" 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	SDX Ultra	Site	HY-SR09
Test Voltage	AC 120V/60Hz	Test Date	2026-05-07
Test Mode	Mode 1	Engineer	Monica Wu
Phase	Neutral	Temperature (°C)	24
Test Condition	--	Humidity (%RH)	68



No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.150	52.46	79.00	-26.54	42.82	9.64	QP
2	0.150	51.30	66.00	-14.70	41.66	9.64	Average
3	0.521	42.99	73.00	-30.01	33.36	9.63	QP
4	0.521	41.36	60.00	-18.64	31.73	9.63	Average
5	0.670	48.81	73.00	-24.19	39.17	9.64	QP
6	0.670	39.90	60.00	-20.10	30.27	9.64	Average
7	6.559	53.09	73.00	-19.91	43.22	9.88	QP
8	6.559	42.37	60.00	-17.63	32.49	9.88	Average
9	7.352	54.50	73.00	-18.50	44.59	9.91	QP
10	7.352	45.14	60.00	-14.86	35.23	9.91	Average
11	19.556	46.48	73.00	-26.52	36.33	10.15	QP
12	19.556	40.61	60.00	-19.39	30.46	10.15	Average

Remark:

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

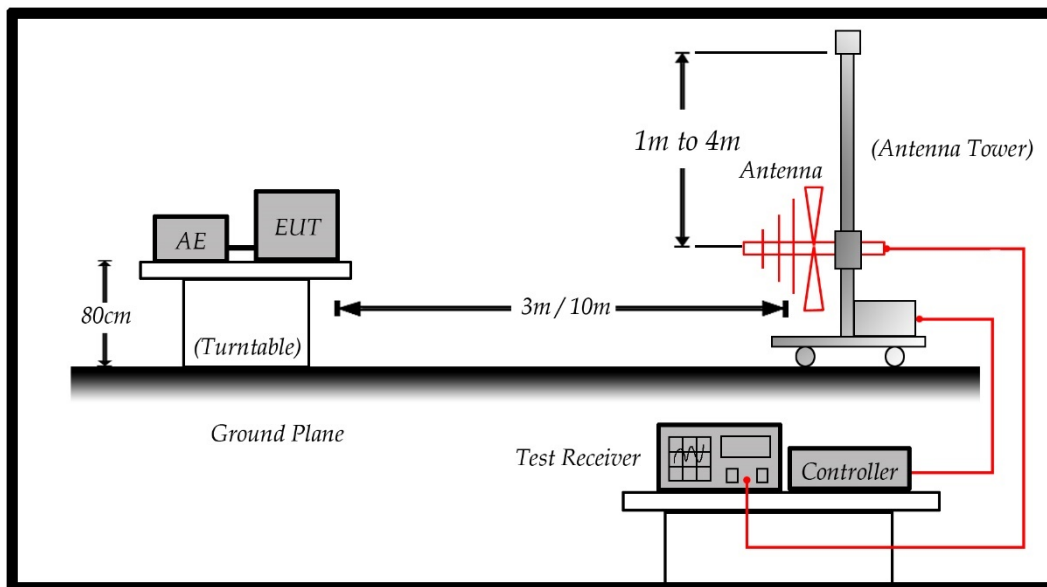
3. Radiated Emission

3.1. Test Specification

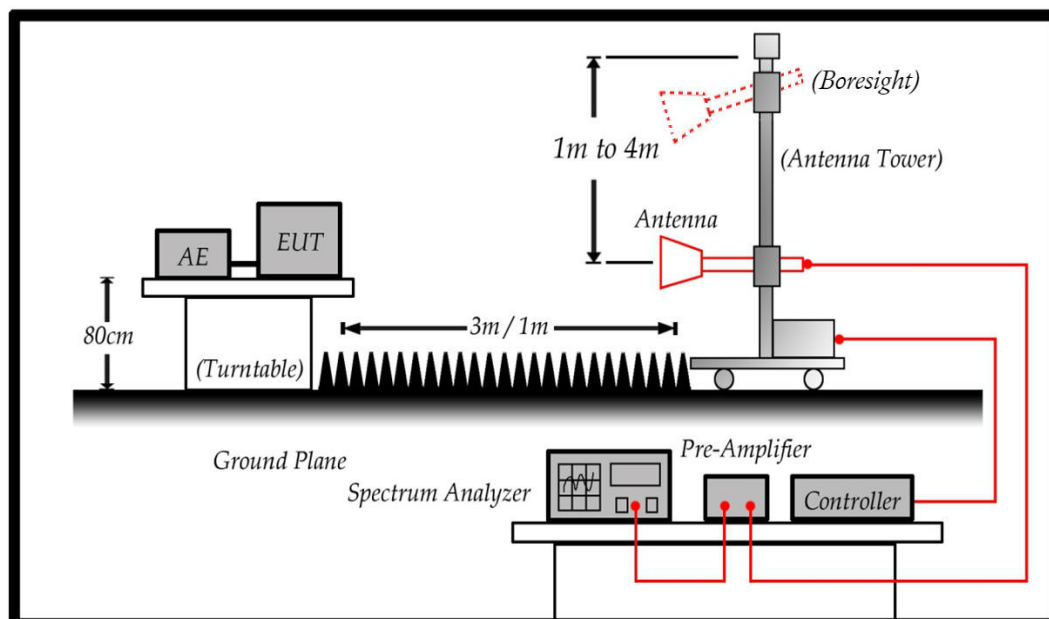
According to Standard : FCC Part 15 Subpart B & ICES-003 Issue 7

3.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



3.3. Limit

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

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Radiated emissions limits (30 MHz to 1 GHz)				
Frequency range (MHz)	Class A (3 m) Quasi-peak (dBuV/m)	Class A (10 m) Quasi-peak (dBuV/m)	Class B (3 m) Quasi-peak (dBuV/m)	Class B (10 m) Quasi-peak (dBuV/m)
30-88	50.0	40.0	40.0	30.0
88-216	54.0	43.5	43.5	33.1
216-230	56.9	46.4	46.0	35.6
230-960	57.0	47.0	47.0	37.0
960-1000	60.0	49.5	54.0	43.5
Note: The more stringent limit applies at transition frequencies.				

Required highest measurement frequency for radiated emissions

Highest internal frequency (F_x)	Highest measured frequency
$F_x \leq 108 \text{ MHz}$	1 GHz
$108 \text{ MHz} < F_x \leq 500 \text{ MHz}$	2 GHz
$500 \text{ MHz} < F_x \leq 1 \text{ GHz}$	5 GHz
$F_x > 1 \text{ GHz}$	$5 \times F_x$ up to a maximum of 40 GHz
Note: F_x is the highest fundamental frequency generated and/or used in the ITE or digital apparatus under test.	

Radiated emission limits at 3 m distance (at and above 1 GHz)				
Frequency range (GHz)	Class A Average dB(uV/m)	Class A Peak dB(uV/m)	Class B Average dB(uV/m)	Class B Peak dB(uV/m)
$1 - F_M$	60	80	54	74
Note: - The highest measurement frequency, F_M, in GHz, shall be determined as per table 3. - The measurement bandwidth shall be 1 MHz or greater. - These limit levels apply for a measurement distance of 3 m. If using a different measurement distance, the measured levels shall be extrapolated to the 3 m limit distance using a factor of 20 dB per decade of distance. The measurement distance shall place the measurement antenna in the far field of the ITE or digital apparatus under test. - The test site shall have been validated at the distance used for radiated emission measurements on the ITE or digital apparatus under test.				

3.4. Test Procedure

FCC Part 15 Subpart B

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 120 kHz and above 1GHz is 1MHz.

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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.

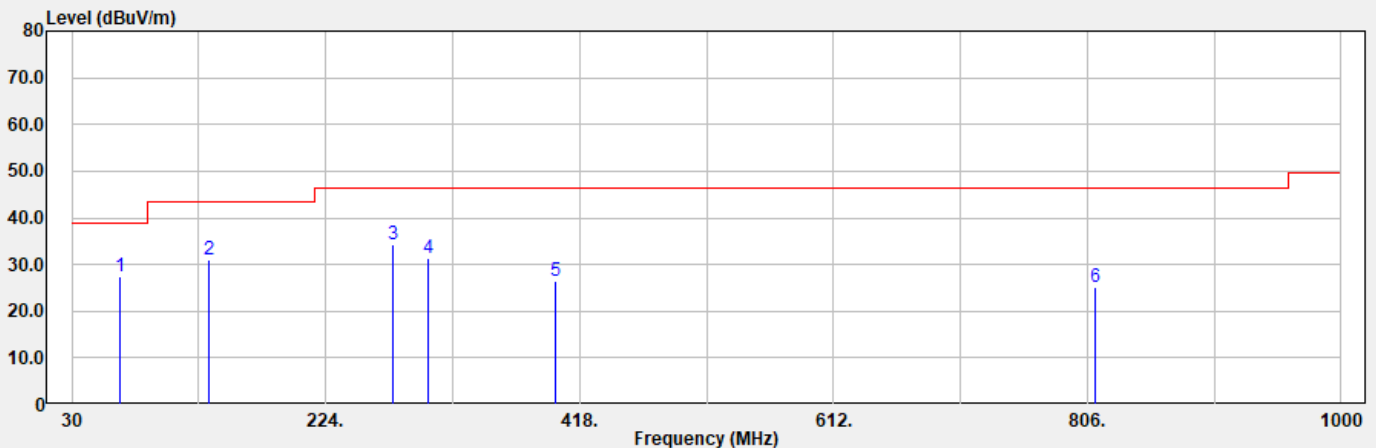
On any frequency or frequencies below or equal to 1000MHz, the radiated limits shown are based on measuring equipment employing a quasi-peak detector function and above 1000MHz, the radiated limits shown are based measuring equipment employing an peak & average detector function.

The measurement distance between the EUT and antenna is 3 meters or 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 and above 1GHz is 1MHz

3.5. Test Result

Model No	SDX Ultra	Site	FS-CB01
Test Voltage	AC 120V/60Hz	Test Date	2026-05-16
Test Mode	Mode 1	Engineer	ZhengLamYap
Polarity	Horizontal	Temperature (°C)	24.3
Test Condition	--	Humidity (%RH)	59

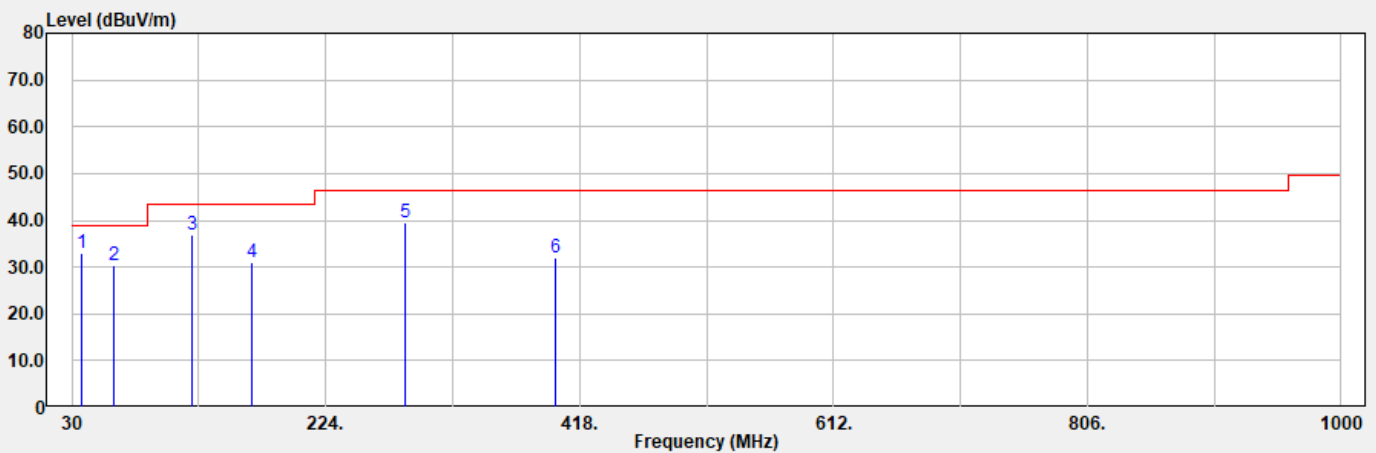


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1*	66.618	27.47	39.00	-11.53	52.34	-24.87	300	99	QP
2	135.003	31.01	43.50	-12.49	54.72	-23.71	300	259	QP
3	275.895	34.42	46.40	-11.98	56.77	-22.35	400	149	QP
4	302.570	31.34	46.40	-15.06	52.98	-21.64	400	119	QP
5	400.055	26.35	46.40	-20.05	45.17	-18.82	300	107	QP
6	812.548	25.04	46.40	-21.36	35.11	-10.07	100	44	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	SDX Ultra	Site	FS-CB01
Test Voltage	AC 120V/60Hz	Test Date	2026-05-16
Test Mode	Mode 1	Engineer	ZhengLamYap
Polarity	Vertical	Temperature (°C)	24.3
Test Condition	--	Humidity (%RH)	59

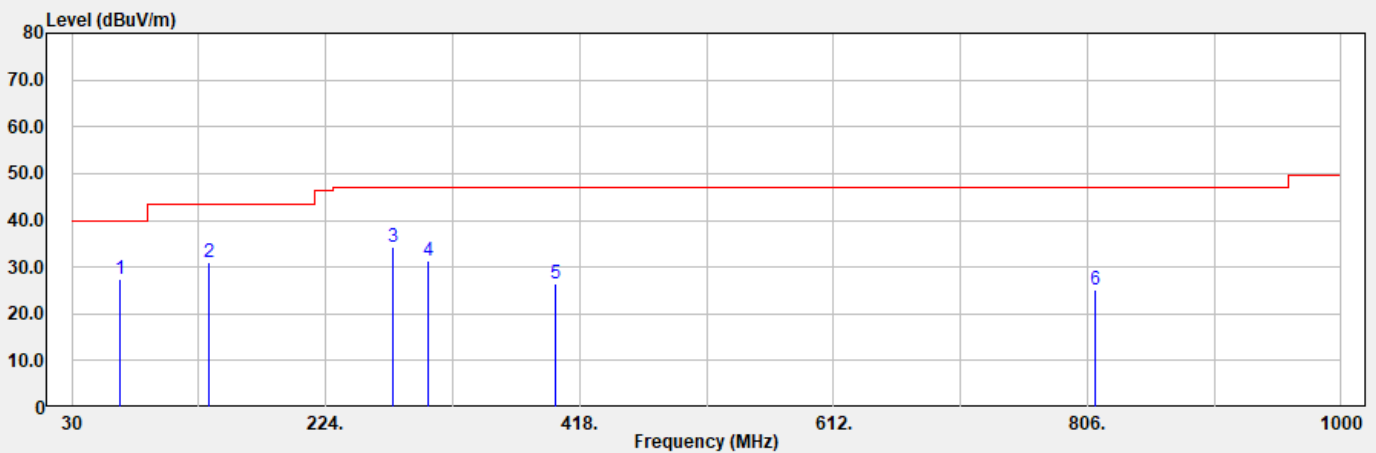


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1*	38.003	32.87	39.00	-6.13	56.87	-24.00	300	21	QP
2	61.889	30.44	39.00	-8.56	54.72	-24.28	100	252	QP
3	122.271	37.00	43.50	-6.50	62.35	-25.35	100	337	QP
4	168.104	31.08	43.50	-12.42	54.01	-22.93	200	291	QP
5	284.383	39.66	46.40	-6.74	61.63	-21.97	100	12	QP
6	400.055	32.12	46.40	-14.28	50.68	-18.56	100	28	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	SDX Ultra	Site	FS-CB01
Test Voltage	AC 120V/60Hz	Test Date	2026-05-16
Test Mode	Mode 1	Engineer	ZhengLamYap
Polarity	Horizontal	Temperature (°C)	24.3
Test Condition	--	Humidity (%RH)	59

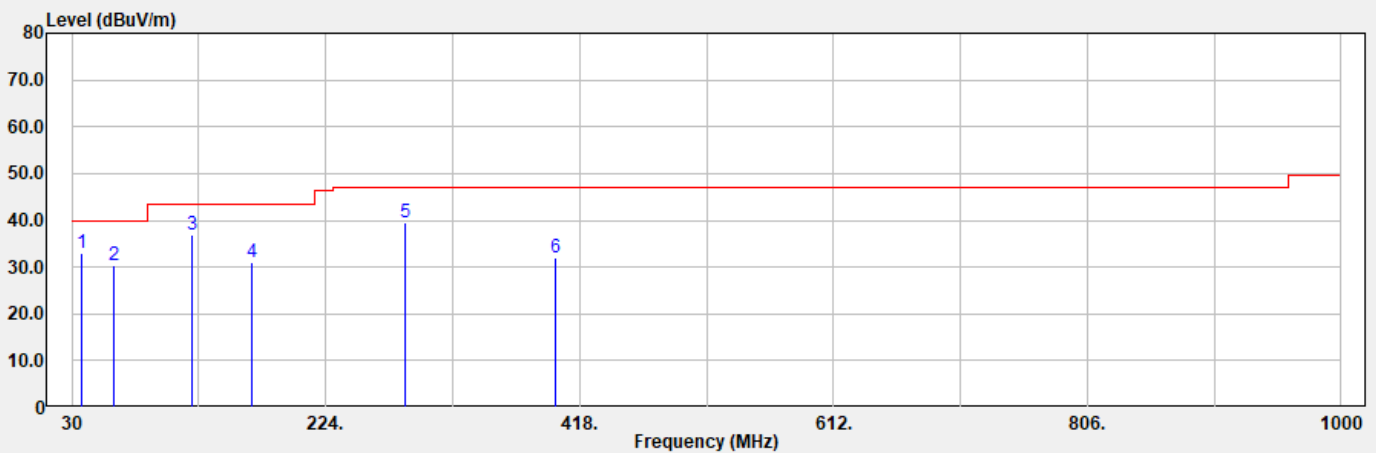


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	66.618	27.47	40.00	-12.53	52.34	-24.87	300	99	QP
2*	135.003	31.01	43.50	-12.49	54.72	-23.71	300	259	QP
3	275.895	34.42	47.00	-12.58	56.77	-22.35	400	149	QP
4	302.570	31.34	47.00	-15.66	52.98	-21.64	400	119	QP
5	400.055	26.35	47.00	-20.65	45.17	-18.82	300	107	QP
6	812.548	25.04	47.00	-21.96	35.11	-10.07	100	44	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	SDX Ultra	Site	FS-CB01
Test Voltage	AC 120V/60Hz	Test Date	2026-05-16
Test Mode	Mode 1	Engineer	ZhengLamYap
Polarity	Vertical	Temperature (°C)	24.3
Test Condition	--	Humidity (%RH)	59

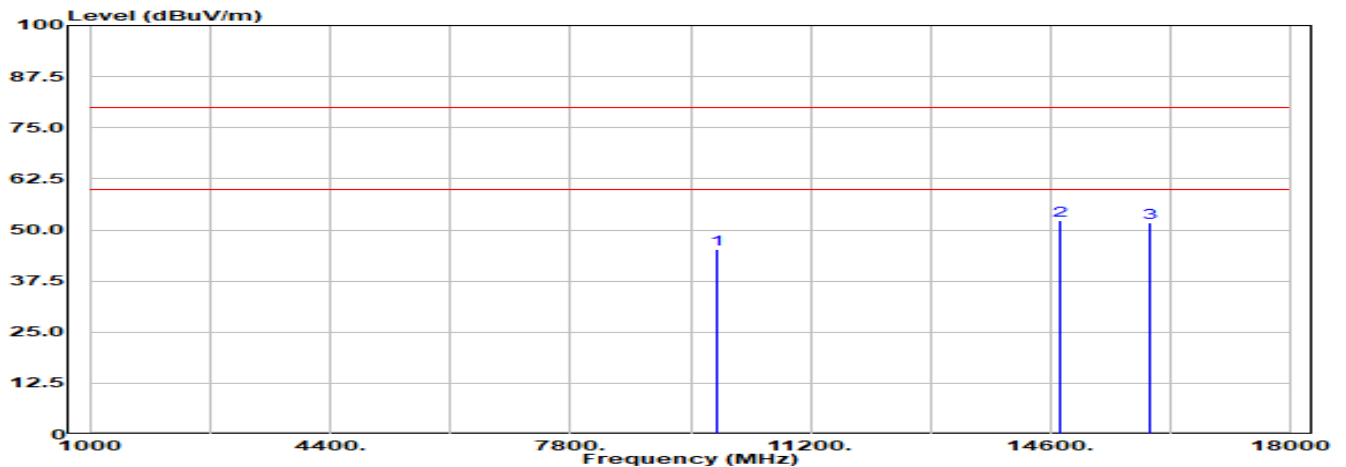


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	38.003	32.87	40.00	-7.13	56.87	-24.00	300	21	QP
2	61.889	30.44	40.00	-9.56	54.72	-24.28	100	252	QP
3*	122.271	37.00	43.50	-6.50	62.35	-25.35	100	337	QP
4	168.104	31.08	43.50	-12.42	54.01	-22.93	200	291	QP
5	284.383	39.66	47.00	-7.34	61.63	-21.97	100	12	QP
6	400.055	32.12	47.00	-14.88	50.68	-18.56	100	28	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	SDX Ultra	Site	HY-CB05
Test Voltage	AC 120V/60Hz	Test Date	2026-05-13
Test Mode	Mode 1	Engineer	Nat Cheng
Polarity	Horizontal	Temperature (°C)	20
Test Condition	--	Humidity (%RH)	53

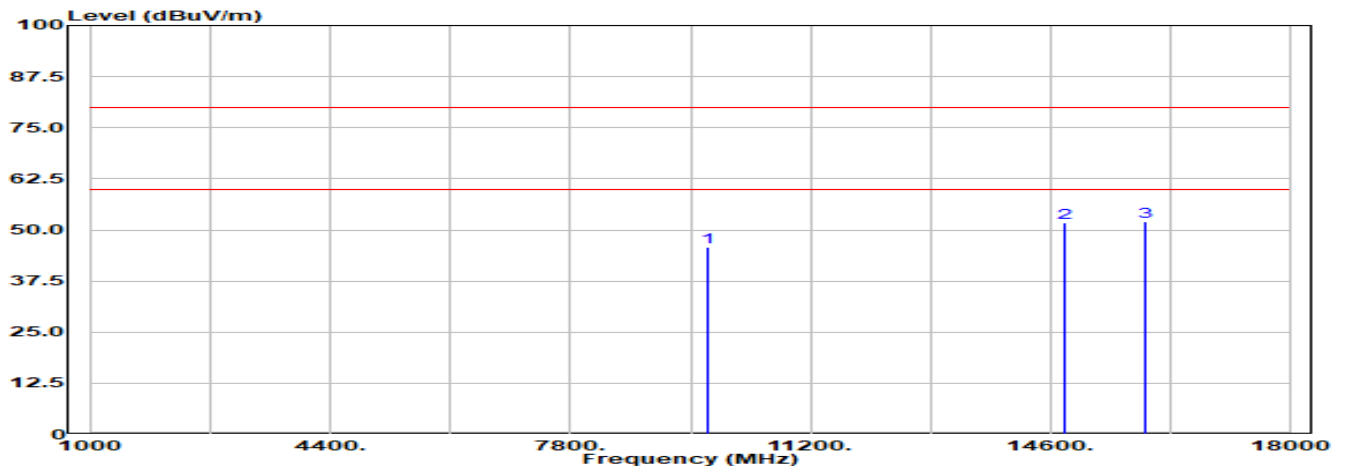


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	9874.000	45.32	80.00	-34.68	45.04	0.28	100	102	Peak
2	14736.000	52.19	80.00	-27.81	42.19	10.01	125	360	Peak
3	16011.000	51.64	80.00	-28.36	42.81	8.83	100	322	Peak

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.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Model No	SDX Ultra	Site	HY-CB05
Test Voltage	AC 120V/60Hz	Test Date	2026-05-13
Test Mode	Mode 1	Engineer	Nat Cheng
Polarity	Vertical	Temperature (°C)	20
Test Condition	--	Humidity (%RH)	53

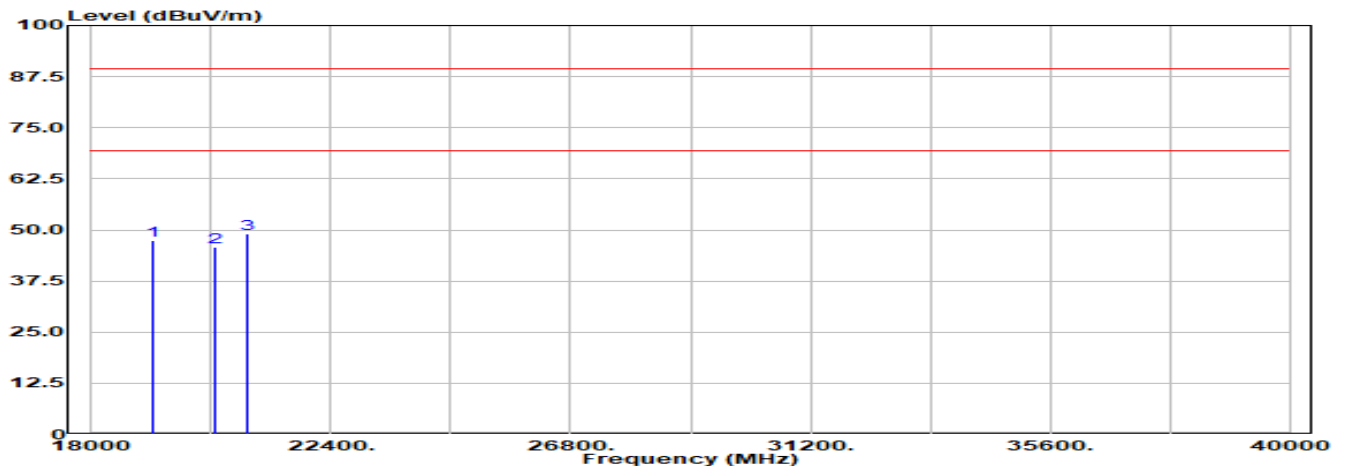


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	9738.000	45.71	80.00	-34.29	45.11	0.60	200	172	Peak
2	14821.000	51.85	80.00	-28.15	41.73	10.12	200	251	Peak
3	15943.000	52.05	80.00	-27.95	43.31	8.74	100	355	Peak

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.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Model No	SDX Ultra	Site	HY-CB05
Test Voltage	AC 120V/60Hz	Test Date	2026-05-13
Test Mode	Mode 1	Engineer	Nat Cheng
Polarity	Horizontal	Temperature (°C)	20
Test Condition	--	Humidity (%RH)	53

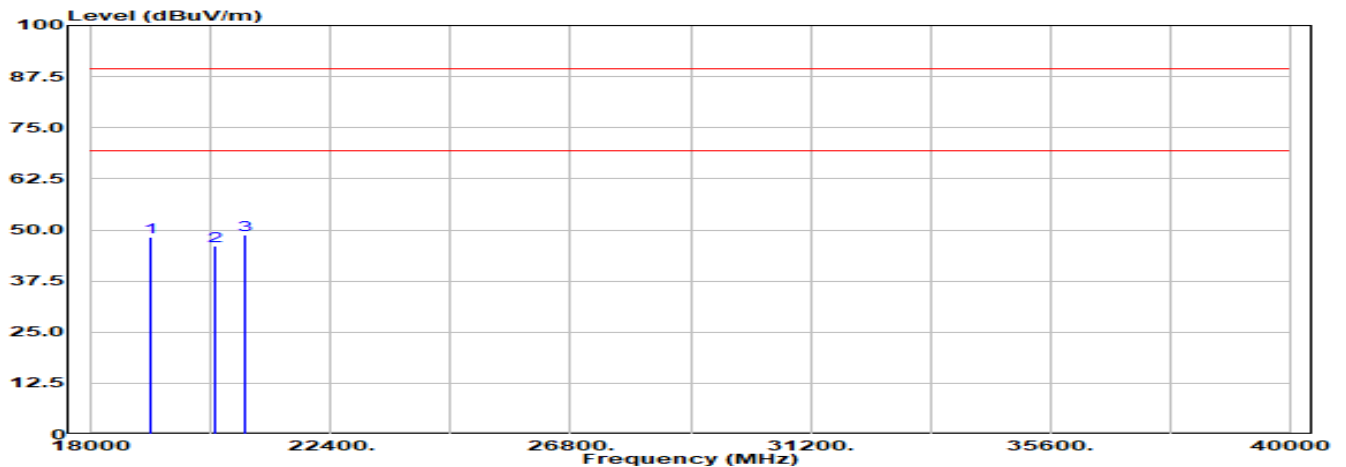


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Ant Pos (cm)	TT Pos (deg)	Detector Type
1	19116.500	47.34	89.50	-42.16	39.38	7.96	100	322	Peak
2	20277.000	45.73	89.50	-43.77	37.15	8.59	100	6	Peak
3	20860.000	48.95	89.50	-40.55	39.30	9.65	100	31	Peak

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.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Model No	SDX Ultra	Site	HY-CB05
Test Voltage	AC 120V/60Hz	Test Date	2026-05-13
Test Mode	Mode 1	Engineer	Nat Cheng
Polarity	Vertical	Temperature (°C)	20
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	19083.500	48.17	89.50	-41.33	40.25	7.92	100	360	Peak
2	20277.000	46.18	89.50	-43.32	37.59	8.59	100	207	Peak
3	20827.000	48.91	89.50	-40.59	39.24	9.67	100	122	Peak

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.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.