EMC Test Report

Product Name	:	USB Flash Drive
Model No.	:	Executive Duo(EXD)

Applicant	:	Flashbay Electronics Huizhou
Address	:	Building2 ,Jixun Industrial Park ,Xinjiao ,Dong'ao Village ,Shatian Town ,Huiyang District ,Huizhou City , Guangdong Province,P.R.China

Date of Receipt	:	January 30, 2026
Test Date	:	February 04, 2026~ February 07, 2026
Issued Date	:	March 03, 2026
Report Number	:	2610931R.601
Report Template No.	:	TRF_VCCI CISPR 32 _EMC_V2.0

Issued Date : March 03, 2026
Report Number : 2610931R.601

Product Name	:	USB Flash Drive
Applicant	:	Flashbay Electronics Huizhou
Address	:	Building2 ,Jixun Industrial Park ,Xinjiao ,Dong'ao Village ,Shatian Town ,Huiyang District ,Huizhou City , Guangdong Province,P.R.China
Manufacturer	:	Flashbay Electronics Huizhou
Address	:	Building2 ,Jixun Industrial Park ,Xinjiao ,Dong'ao Village ,Shatian Town ,Huiyang District ,Huizhou City , Guangdong Province,P.R.China
Model No.	:	Executive Duo(EXD)
EUT Rated Voltage	:	5 Vdc
EUT Test Voltage	:	110 Vac, 60 Hz, 230 Vac, 50 Hz
Trade Name	:	N/A
Applicable Standard	:	VCCI CISPR 32: 2016
Test Result	:	Complied
Performed Location	:	DEKRA Testing and Certification Co., Ltd. No.99 Hongye Rd., Suzhou Industrial Park, Suzhou,215006, Jiangsu, China VCCI Registration Number: AC1: R-20217 (RE Below 1GHz); AC5: G-10041 (RE Above 1GHz) TR1: C-20173 (CE Mains); TR1: T-11531 (CE Telecommunication)

Tested By : Dachuang Zou

(Dachuang Zou/ Project Engineer)

Approved By : Star Wang 2026.03.03 11:24:11 +08'00'

(Star Wang/Manager)

TABLE OF CONTENTS

Document History

Report Number	Date	Description
2610931R.601	March 03, 2026	First release

1 General Information

1.1 EUT Description

Product Name	USB Flash Drive
Model No.	Executive Duo(EXD)
Brand Name	N/A
Highest Internal Frequency (Fx)	N/A

Note 1: The EUT information is from customer declaration.

Note 2 : The difference between the product is only the outer shell PU color is different, and the others are completely the same. The test colour is black.

1.2 Mode of Operation

We have 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:

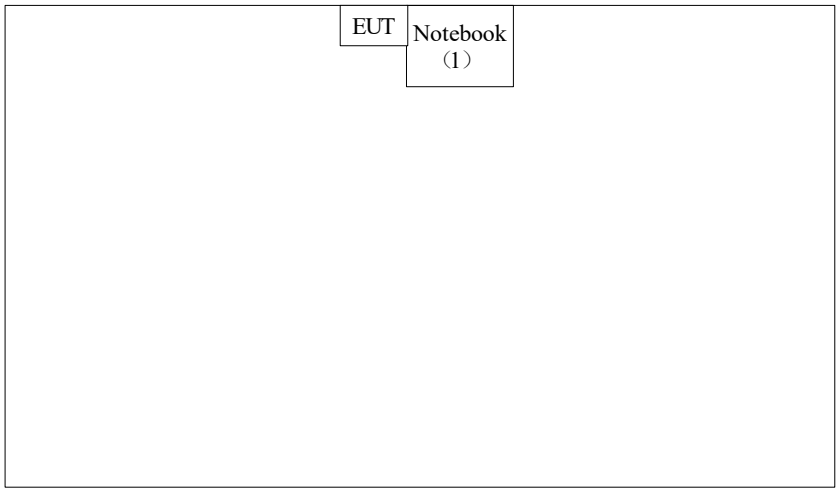
Final Test Mode	
Emission	Mode 1: Transmission mode by USB port Mode 2: Transmission mode by Type-C port

1.3 Tested System Details

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

Product		Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook	Lenovo	T14	N/A	Non-Shielded, 1.5m

1.4 Configuration of Tested System

Connection Diagram


Signal Cable Type		Signal Cable Description
N/A	N/A	N/A

1.5 EUT Exercise Software

1	Set up the EUT and simulators as shown on above.
2	Turn on the power of all equipment.
3	Confirm the EUT working normally.
4	Start testing.

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 Result	Remark
Conducted Emissions	VCCI CISPR 32: 2016 CISPR 16-2-1:2008	Pass	---
Asymmetric Mode Conducted Emissions	VCCI CISPR 32: 2016 CISPR 16-2-1:2008	N/A	See 1)
Radiated Emissions	VCCI CISPR 32: 2016 CISPR 16-2-3:2010	Pass	---
Supplementary information: 1) The EUT does not contain the interface defined below. a. wired network ports b. optical fibre ports with metallic shield or tension members c. broadcast receiver tuner ports d. antenna ports			

2.2 List of Test Equipment

Conducted Emission / TR1						
Instrument	**Manufacturer**	**Model No.**	**Serial No.**	**Cali. Date**	**Cali. Due Date**	**Used In**
EMI Test Receiver	R&S	ESR7	102086	2025.11.12	2026.11.11	☒
Two-Line V-Network	R&S	ENV216	101189	2025.05.10	2026.05.09	☒
Two-Line V-Network	R&S	ENV216	102281	2025.03.23	2026.03.22	☐
Two-Line V-Network	R&S	ENV216	101044	2025.09.20	2026.09.19	☒
Pulse Limiter	R&S	ESH3-Z2	102754	2025.07.25	2026.07.24	☒
Coaxial Cable	Huber+Suhner	RG 223	TR1-C1	2025.03.16	2026.03.15	☒
Temperature/Humidity Meter	RTS	RTS-1909	THM-012	2025.04.30	2026.04.29	☒
Software	Quietek	EMI_V3	V3.0.0	N/A	N/A	☒
Shielding room	Quietek	4.9m*4m*3m	TR1	2023.03.04	2028.03.03	☒

Radiated Emission / AC1						
Instrument	**Manufacturer**	**Model No.**	**Serial No.**	**Cali. Date**	**Cali. Due Date**	**Used In**
EMI Test Receiver	R&S	ESCI	100175	2025.03.23	2026.03.22	☒
EMI Test Receiver	R&S	ESCI	100726	2025.05.18	2026.05.17	☒
Bilog Antenna	SCHWARZBECK	VULB 9168	01431	2025.08.19	2026.08.18	☐
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9168	01100	2025.05.28	2026.05.27	☒
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9168	01099	2025.03.23	2026.03.22	☒
Coaxial Cable	Huber+Suhner	RG 214_U	AC1-L	2025.03.16	2026.03.15	☒
Coaxial Cable	Huber+Suhner	RG 214_U	AC1-R	2025.03.16	2026.03.15	☒
Temperature/Humidity Meter	RTS	RTS-1909	THM-011	2025.04.30	2026.04.29	☒
Software	Tonscend	JS32-RE	5.0.0	N/A	N/A	☒
Pre-amplifier	TESEQ	LNA 6901	80381	2025.06.18	2026.06.17	☒
Pre-amplifier	TESEQ	LNA 6901	80382	2025.06.17	2026.06.16	☒
Anechoic chamber	Quietek	21m*13m*8m	AC1	2025.03.02	2030.03.01	☒

Radiated Emission / AC5						
Instrument	**Manufacturer**	**Model No.**	**Serial No.**	**Cali. Date**	**Cali. Due Date**	**Used In**
EMI Test Receiver	R&S	ESR26	101880	2025.08.02	2026.08.01	☒
Pre-Amplifier	XH	LNA1845	LNA23040284	2025.05.17	2026.05.16	☒

Radiated Emission / AC5						
Instrument	**Manufacturer**	**Model No.**	**Serial No.**	**Cali. Date**	**Cali. Due Date**	**Used In**
DRG Horn Antenna	ETS-Lindgren	3117	00167055	2025.08.14	2026.08.13	☒
Filter Switch Box	MVE	MSW-F196	C070001S	2025.03.15	2026.03.14	☒
Coaxial Cable	Lair Microwave	LA800-NMNWM-6.5M	502201001001	2025.03.15	2026.03.14	☒
Coaxial Cable	Lair Microwave	LA800-SWMSWM-0.6M	502201005001	2025.03.15	2026.03.14	☒
Coaxial Cable	Lair Microwave	LA800-NMNWM-3M	502201002001	2025.03.15	2026.03.14	☒
Coaxial Cable	Lair Microwave	LA800-NMNWM-1.2M	202201003001	2025.03.15	2026.03.14	☒
MXA Signal Analyzer	Keysight	N9020B	MY60112218	2025.09.20	2026.09.19	☐
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2025.06.22	2026.06.21	☐
Amplifier	Tonscend Technology	TAP01840048	806JSAP042906251036	2025.06.30	2026.06.29	☐
Cable	Rosenberger	LA1-C390-2000	0001	2025.05.17	2026.05.16	☐
Cable	Rosenberger	LA1-C390-3000	0001	2025.05.17	2026.05.16	☐
Temperature/Humidity Meter	RTS	RTS-1909	THM-024	2025.04.30	2026.04.29	☒
Software	Tonscend	JS32-RE	5.0.0	N/A	N/A	☒
Anechoic chamber	Quietek	9m*6m*6m	AC5	2024.04.21	2028.04.20	☒

2.3 Measurement Uncertainty

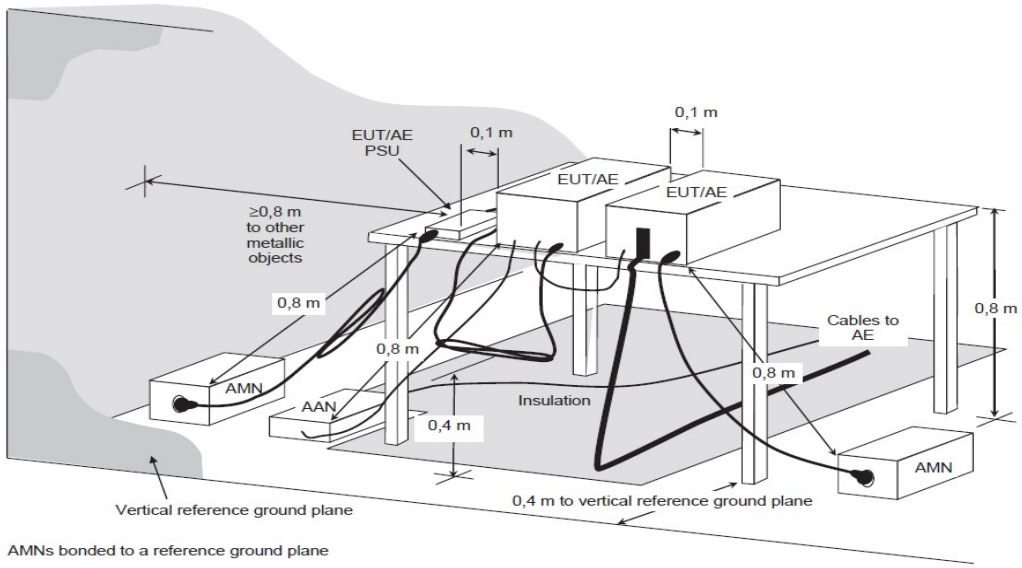
Conducted emissions – AC mains power ports / TR1
The maximum measurement uncertainty is evaluated as: Mains: 150kHz~30MHz: 2.6 dB
Radiated emission / AC1
The maximum measurement uncertainty is evaluated as: Horizontal: 30MHz~200MHz: 4.9 dB 200MHz~1000MHz: 4.5 dB Vertical: 30MHz~200MHz: 4.7 dB 200MHz~1000MHz: 4.5 dB
Radiated emission / AC5
The maximum measurement uncertainty is evaluated as: Horizontal: 1 GHz~18 GHz: 5.2 dB Vertical: 1 GHz~18 GHz: 5.4 dB

3 Conducted Emission (Main Terminals)

3.1 Test Specification

According to EMC Standard: VCCI CISPR 32:2016

3.2 Test Setup



3.3 Limit

Table 3.1 – Requirements for conducted emissions from the AC mains power ports of Class A equipment

Applicable to 1. AC mains power ports			
Frequency range MHz	Coupling device	Detector type/ Bandwidth	Class A limits dB(μV)
0.15 – 0.5	AMN	Quasi Peak / 9 kHz	79
0.5 – 30			73
0.15 – 0.5	AMN	Average / 9 kHz	66
0.5 – 30			60
Both apply across the entire frequency range.			

Table 3.2 – Requirements for conducted emissions from the AC mains power ports of Class B equipment

Applicable to 1. AC mains power ports			
Frequency range MHz	Coupling device	Detector type/ Bandwidth	Class B limits dB(μV)
0.15 – 0.5	AMN	Quasi Peak / 9 kHz	66 – 56
0.5 – 5			56
5 – 30			60
0.15 – 0.5	AMN	Average / 9 kHz	56 – 46
0.5 – 5			46
5 – 30			50
Both apply across the entire frequency range.			

Remarks:

If the limits for the average detector are met when using the quasi-peak detector, then the limits for the measurement with the average detector are considered to be met.

3.4 Test Procedure

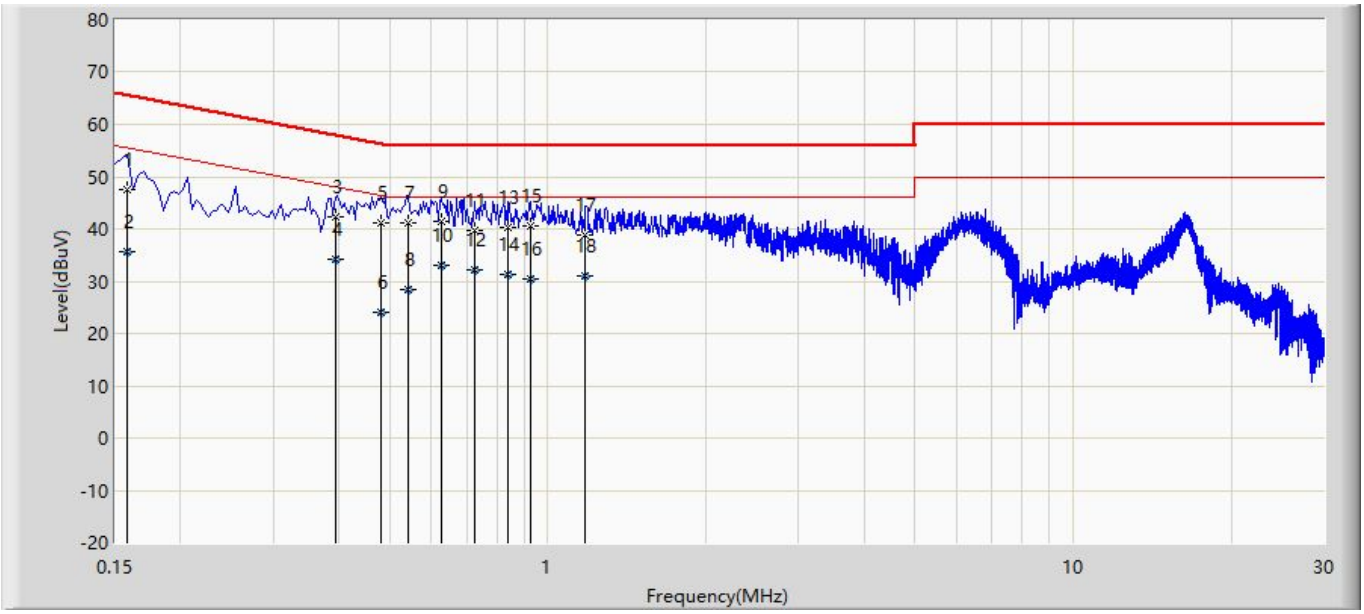
The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling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

No deviation.

3.6 Test Result

Engineer: Lawrence Wang	
Site: TR1	Time: 2026/02/04
Limit: VCCI_CE_Mains_Class B	Margin: 0
Probe: ENV216_101190(0.009-30MHz)-Suz-0238	Polarity: Line
EUT: USB Flash Drive	Power: AC 110V/60Hz
Note: Mode 1	



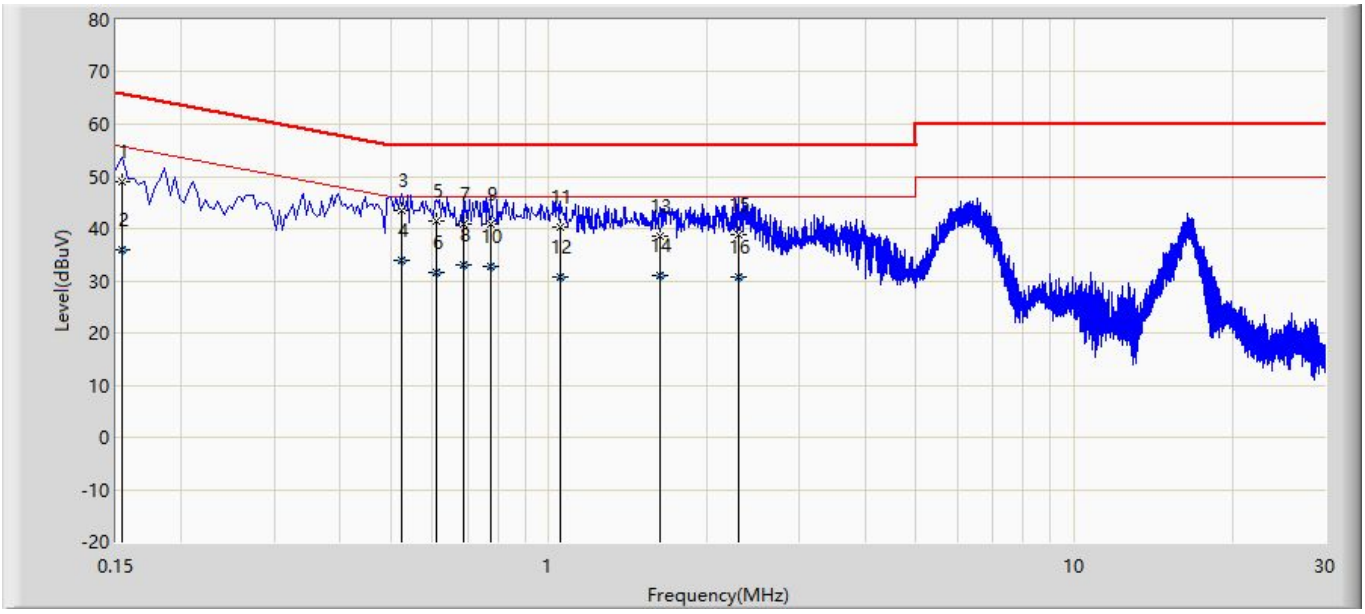
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1		0.158	47.636	28.109	-17.932	65.568	9.695	9.832	0.000	QP
2		0.158	35.751	16.224	-19.818	55.568	9.695	9.832	0.000	AV
3		0.394	42.242	22.621	-15.737	57.979	9.781	9.840	0.000	QP
4		0.394	34.341	14.720	-13.638	47.979	9.781	9.840	0.000	AV
5		0.482	41.169	21.571	-15.136	56.305	9.755	9.843	0.000	QP
6		0.482	24.109	4.511	-22.196	46.305	9.755	9.843	0.000	AV
7		0.542	41.027	21.446	-14.973	56.000	9.737	9.845	0.000	QP
8		0.542	28.315	8.733	-17.685	46.000	9.737	9.845	0.000	AV
9		0.626	41.418	21.858	-14.582	56.000	9.712	9.848	0.000	QP
10	*	0.626	33.140	13.580	-12.860	46.000	9.712	9.848	0.000	AV
11		0.726	39.583	20.038	-16.417	56.000	9.694	9.851	0.000	QP
12		0.726	32.214	12.670	-13.786	46.000	9.694	9.851	0.000	AV
13		0.838	40.315	20.752	-15.685	56.000	9.709	9.855	0.000	QP
14		0.838	31.406	11.843	-14.594	46.000	9.709	9.855	0.000	AV

15		0.930	40.489	20.911	-15.511	56.000	9.721	9.858	0.000	QP
16		0.930	30.409	10.830	-15.591	46.000	9.721	9.858	0.000	AV
17		1.178	38.942	19.351	-17.058	56.000	9.725	9.866	0.000	QP
18		1.178	31.039	11.448	-14.961	46.000	9.725	9.866	0.000	AV

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Engineer: Lawrence Wang	
Site: TR1	Time: 2026/02/04
Limit: VCCI_CE_Mains_Class B	Margin: 0
Probe: ENV216_101190(0.009-30MHz)-Suz-0238	Polarity: Neutral
EUT: USB Flash Drive	Power: AC 110V/60Hz
Note: Mode 1	



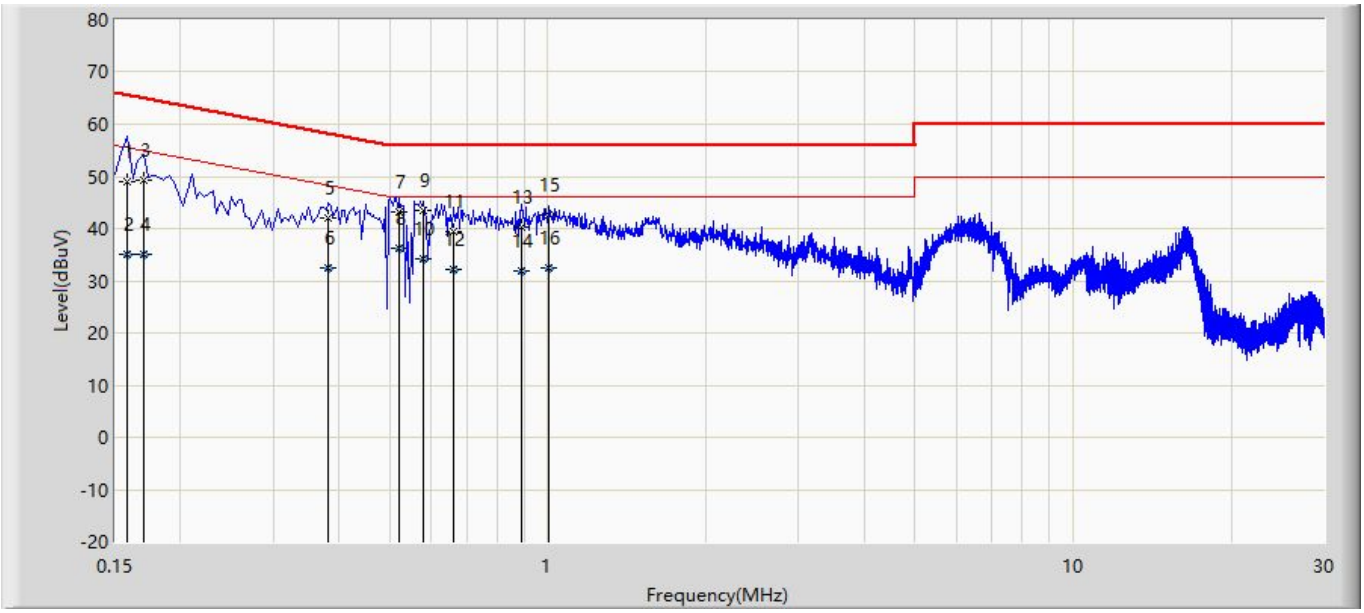
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1		0.154	48.921	29.417	-16.860	65.781	9.673	9.832	0.000	QP
2		0.154	35.959	16.455	-19.822	55.781	9.673	9.832	0.000	AV
3		0.526	43.409	23.885	-12.591	56.000	9.680	9.844	0.000	QP
4	*	0.526	33.867	14.343	-12.133	46.000	9.680	9.844	0.000	AV
5		0.610	41.403	21.876	-14.597	56.000	9.680	9.847	0.000	QP
6		0.610	31.466	11.939	-14.534	46.000	9.680	9.847	0.000	AV
7		0.686	40.866	21.337	-15.134	56.000	9.680	9.850	0.000	QP
8		0.686	32.946	13.417	-13.054	46.000	9.680	9.850	0.000	AV
9		0.774	40.766	21.200	-15.234	56.000	9.714	9.853	0.000	QP
10		0.774	32.865	13.299	-13.135	46.000	9.714	9.853	0.000	AV
11		1.054	40.173	20.495	-15.827	56.000	9.816	9.862	0.000	QP
12		1.054	30.636	10.958	-15.364	46.000	9.816	9.862	0.000	AV
13		1.630	38.480	18.816	-17.520	56.000	9.782	9.882	0.000	QP
14		1.630	30.991	11.328	-15.009	46.000	9.782	9.882	0.000	AV
15		2.290	38.970	19.328	-17.030	56.000	9.737	9.905	0.000	QP

16		2.290	30.675	11.033	-15.325	46.000	9.737	9.905	0.000	AV

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Engineer: Lawrence Wang	
Site: TR1	Time: 2026/02/04
Limit: VCCI_CE_Mains_Class B	Margin: 0
Probe: ENV216_101190(0.009-30MHz)-Suz-0238	Polarity: Line
EUT: USB Flash Drive	Power: 230 Vac, 50 Hz
Note: Mode 1	



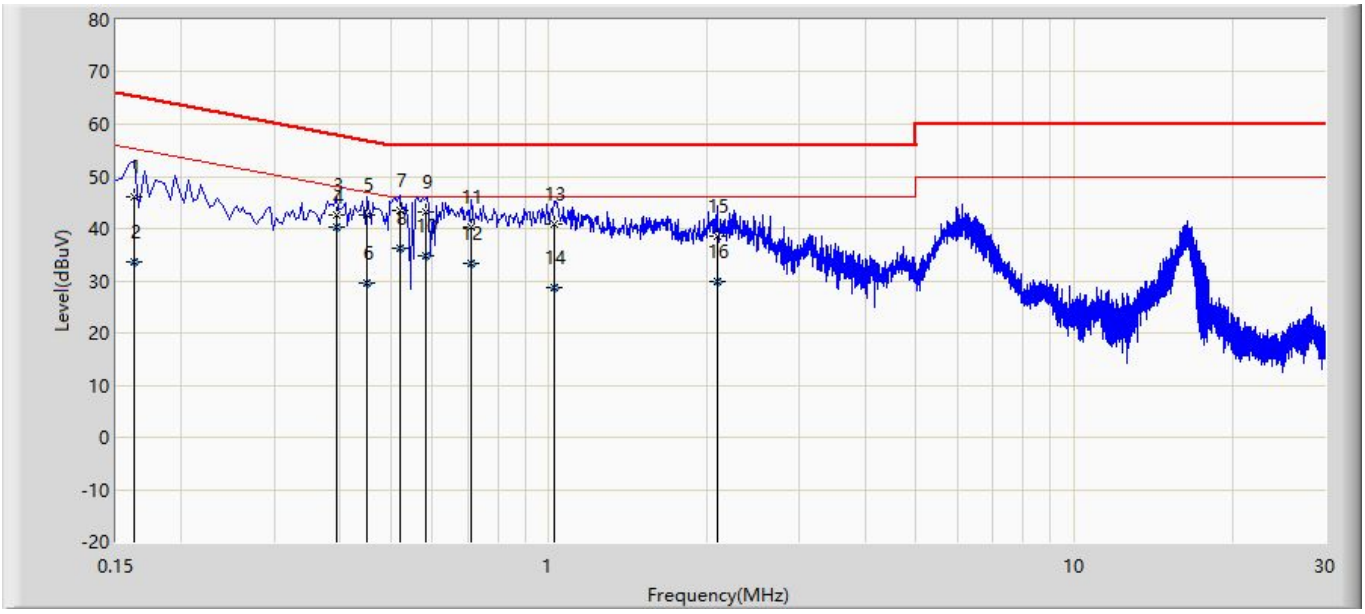
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1		0.158	48.966	29.439	-16.602	65.568	9.695	9.832	0.000	QP
2		0.158	35.130	15.602	-20.439	55.568	9.695	9.832	0.000	AV
3		0.170	49.369	29.811	-15.592	64.960	9.726	9.832	0.000	QP
4		0.170	35.022	15.464	-19.938	54.960	9.726	9.832	0.000	AV
5		0.382	42.039	22.415	-16.197	58.236	9.785	9.839	0.000	QP
6		0.382	32.587	12.963	-15.649	48.236	9.785	9.839	0.000	AV
7		0.522	43.061	23.474	-12.939	56.000	9.743	9.844	0.000	QP
8	*	0.522	36.331	16.744	-9.669	46.000	9.743	9.844	0.000	AV
9		0.578	43.481	23.909	-12.519	56.000	9.726	9.846	0.000	QP
10		0.578	34.282	14.710	-11.718	46.000	9.726	9.846	0.000	AV
11		0.662	39.417	19.867	-16.583	56.000	9.701	9.849	0.000	QP
12		0.662	32.201	12.651	-13.799	46.000	9.701	9.849	0.000	AV
13		0.890	40.188	20.616	-15.812	56.000	9.716	9.856	0.000	QP
14		0.890	31.903	12.332	-14.097	46.000	9.716	9.856	0.000	AV
15		1.006	42.530	22.940	-13.470	56.000	9.730	9.860	0.000	QP

16		1.006	32.381	12.791	-13.619	46.000	9.730	9.860	0.000	AV

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Engineer: Lawrence Wang	
Site: TR1	Time: 2026/02/04
Limit: VCCI_CE_Mains_Class B	Margin: 0
Probe: ENV216_101190(0.009-30MHz)-Suz-0238	Polarity: Neutral
EUT: USB Flash Drive	Power: 230 Vac, 50 Hz
Note: Mode 1	



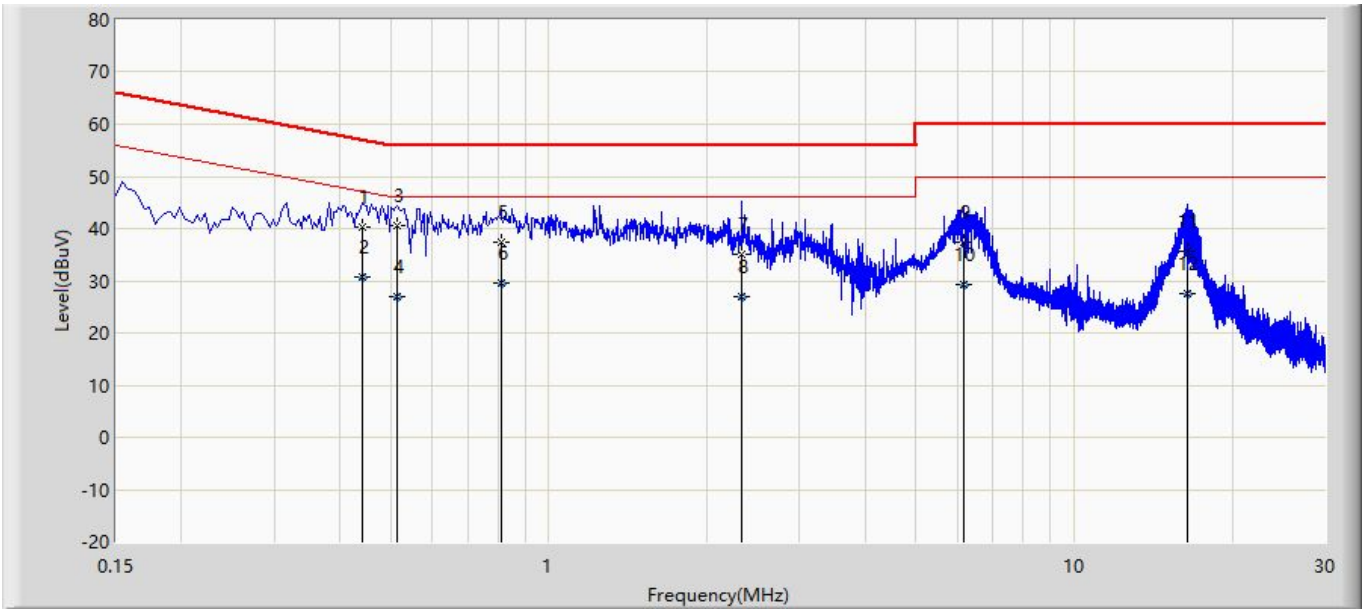
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1		0.162	46.134	26.639	-19.227	65.361	9.663	9.832	0.000	QP
2		0.162	33.578	14.083	-21.783	55.361	9.663	9.832	0.000	AV
3		0.394	42.503	23.009	-15.476	57.979	9.654	9.840	0.000	QP
4	*	0.394	40.159	20.665	-7.820	47.979	9.654	9.840	0.000	AV
5		0.450	42.665	23.156	-14.210	56.875	9.668	9.842	0.000	QP
6		0.450	29.647	10.137	-17.229	46.875	9.668	9.842	0.000	AV
7		0.522	43.540	24.016	-12.460	56.000	9.680	9.844	0.000	QP
8		0.522	36.124	16.600	-9.876	46.000	9.680	9.844	0.000	AV
9		0.582	43.314	23.788	-12.686	56.000	9.680	9.846	0.000	QP
10		0.582	34.663	15.137	-11.337	46.000	9.680	9.846	0.000	AV
11		0.710	40.178	20.643	-15.822	56.000	9.685	9.850	0.000	QP
12		0.710	33.406	13.871	-12.594	46.000	9.685	9.850	0.000	AV
13		1.026	40.897	21.218	-15.103	56.000	9.818	9.861	0.000	QP
14		1.026	28.582	8.903	-17.418	46.000	9.818	9.861	0.000	AV
15		2.090	38.449	18.798	-17.551	56.000	9.753	9.898	0.000	QP

16		2.090	29.838	10.187	-16.162	46.000	9.753	9.898	0.000	AV

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Engineer: Lawrence Wang	
Site: TR1	Time: 2026/02/04
Limit: VCCI_CE_Mains_Class B	Margin: 0
Probe: ENV216_101190(0.009-30MHz)-Suz-0238	Polarity: Line
EUT: USB Flash Drive	Power: 110 Vac, 60 Hz
Note: Mode 2	

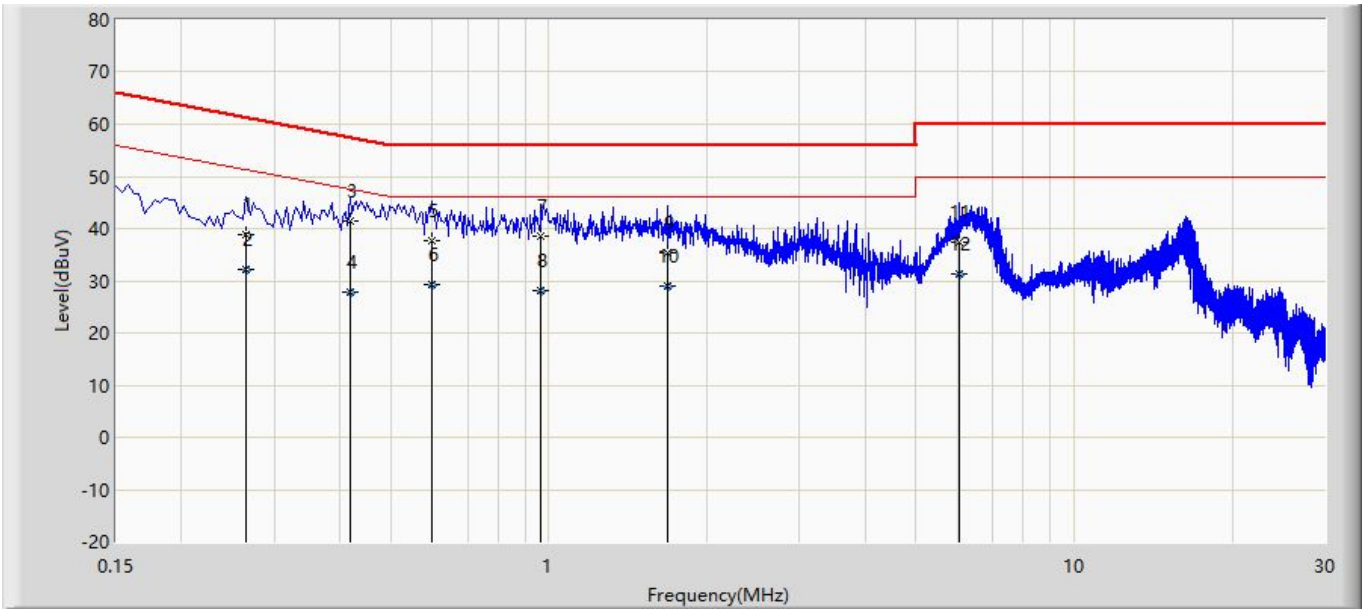


No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1		0.442	40.201	20.593	-16.823	57.024	9.767	9.841	0.000	QP
2		0.442	30.764	11.156	-16.260	47.024	9.767	9.841	0.000	AV
3	*	0.514	40.703	21.114	-15.297	56.000	9.745	9.844	0.000	QP
4		0.514	26.831	7.242	-19.169	46.000	9.745	9.844	0.000	AV
5		0.810	37.257	17.699	-18.743	56.000	9.705	9.854	0.000	QP
6		0.810	29.667	10.109	-16.333	46.000	9.705	9.854	0.000	AV
7		2.330	35.030	15.424	-20.970	56.000	9.700	9.906	0.000	QP
8		2.330	26.840	7.234	-19.160	46.000	9.700	9.906	0.000	AV
9		6.150	37.251	17.482	-22.749	60.000	9.786	9.983	0.000	QP
10		6.150	29.189	9.421	-20.811	50.000	9.786	9.983	0.000	AV
11		16.374	35.673	15.580	-24.327	60.000	9.936	10.158	0.000	QP
12		16.374	27.553	7.460	-22.447	50.000	9.936	10.158	0.000	AV

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Engineer: Lawrence Wang	
Site: TR1	Time: 2026/02/04
Limit: VCCI_CE_Mains_Class B	Margin: 0
Probe: ENV216_101190(0.009-30MHz)-Suz-0238	Polarity: Neutral
EUT: USB Flash Drive	Power: 110 Vac, 60 Hz
Note: Mode 2	

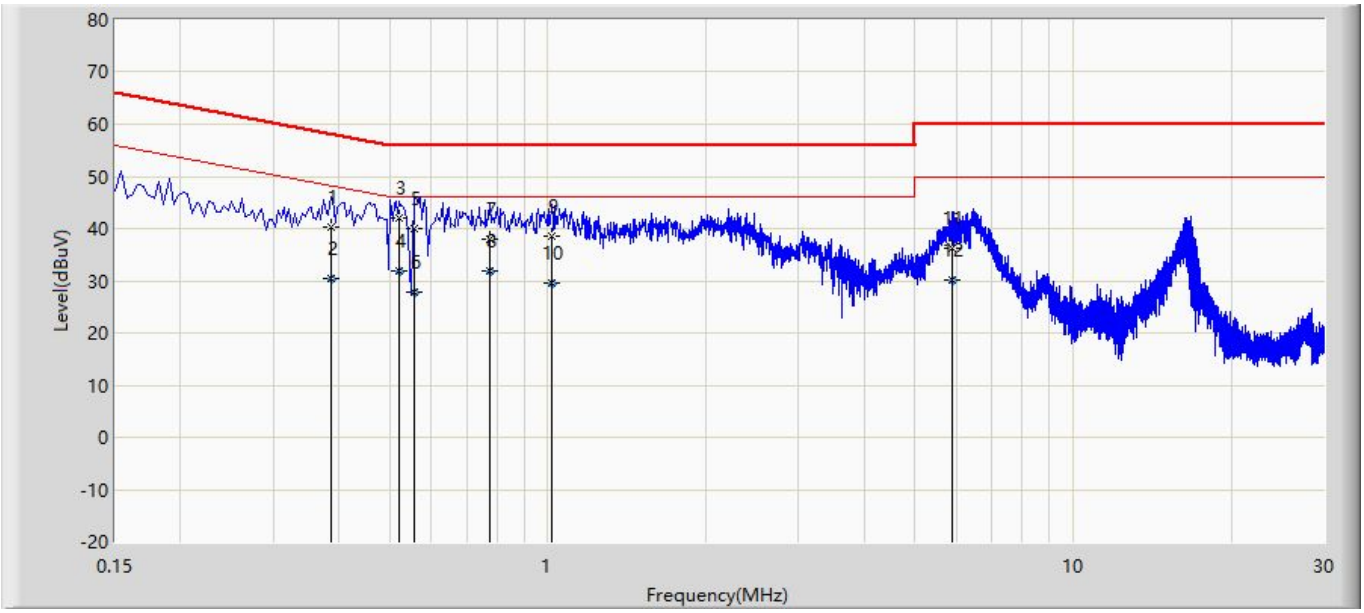


No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1		0.266	38.883	19.424	-22.359	61.242	9.623	9.836	0.000	QP
2		0.266	32.249	12.790	-18.993	51.242	9.623	9.836	0.000	AV
3	*	0.418	41.439	21.938	-16.049	57.488	9.659	9.841	0.000	QP
4		0.418	27.862	8.362	-19.626	47.488	9.659	9.841	0.000	AV
5		0.598	37.798	18.271	-18.202	56.000	9.680	9.847	0.000	QP
6		0.598	29.313	9.786	-16.687	46.000	9.680	9.847	0.000	AV
7		0.966	38.498	18.835	-17.502	56.000	9.804	9.859	0.000	QP
8		0.966	28.252	8.589	-17.748	46.000	9.804	9.859	0.000	AV
9		1.678	35.264	15.601	-20.736	56.000	9.779	9.884	0.000	QP
10		1.678	29.114	9.451	-16.886	46.000	9.779	9.884	0.000	AV
11		6.046	37.402	17.598	-22.598	60.000	9.824	9.981	0.000	QP
12		6.046	31.289	11.485	-18.711	50.000	9.824	9.981	0.000	AV

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Engineer: Lawrence Wang	
Site: TR1	Time: 2026/02/04
Limit: VCCI_CE_Mains_Class B	Margin: 0
Probe: ENV216_101190(0.009-30MHz)-Suz-0238	Polarity: Line
EUT: USB Flash Drive	Power: 230 Vac, 50 Hz
Note: Mode 2	

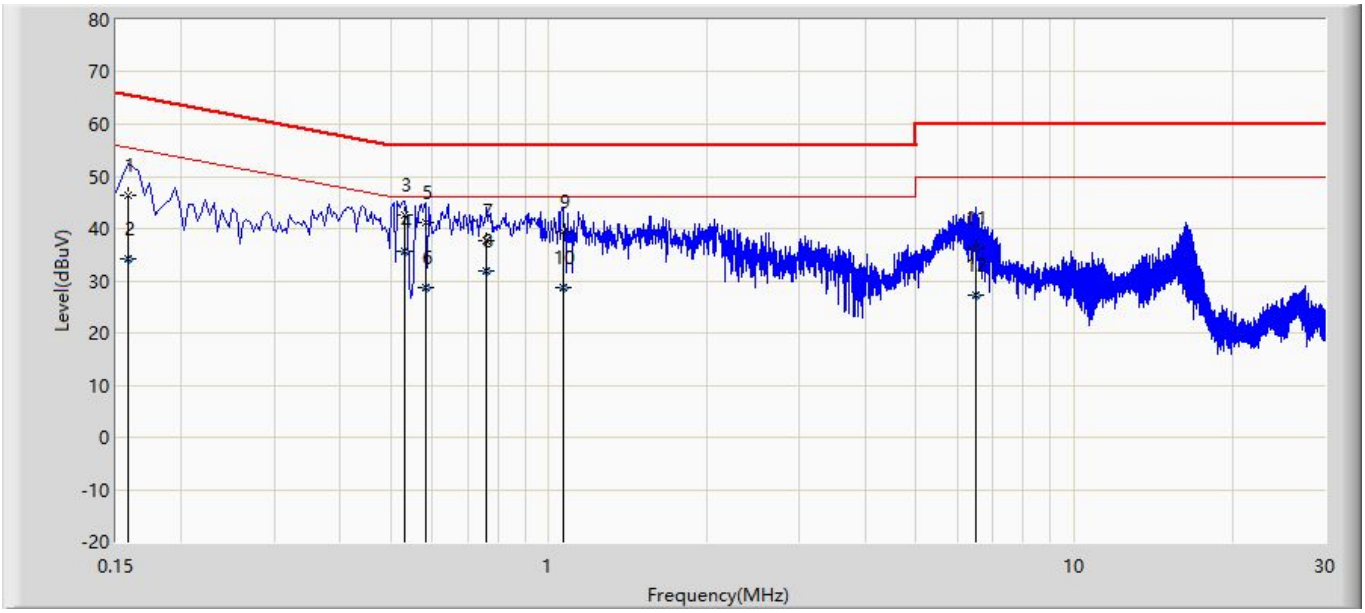


No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1		0.386	40.169	20.545	-17.981	58.149	9.784	9.840	0.000	QP
2		0.386	30.447	10.824	-17.702	48.149	9.784	9.840	0.000	AV
3	*	0.522	42.086	22.499	-13.914	56.000	9.743	9.844	0.000	QP
4		0.522	32.017	12.430	-13.983	46.000	9.743	9.844	0.000	AV
5		0.558	39.952	20.374	-16.048	56.000	9.732	9.845	0.000	QP
6		0.558	27.945	8.368	-18.055	46.000	9.732	9.845	0.000	AV
7		0.774	38.090	18.537	-17.910	56.000	9.700	9.853	0.000	QP
8		0.774	32.012	12.460	-13.988	46.000	9.700	9.853	0.000	AV
9		1.014	38.669	19.079	-17.331	56.000	9.729	9.861	0.000	QP
10		1.014	29.454	9.864	-16.546	46.000	9.729	9.861	0.000	AV
11		5.890	36.354	16.601	-23.646	60.000	9.775	9.978	0.000	QP
12		5.890	30.208	10.454	-19.792	50.000	9.775	9.978	0.000	AV

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Engineer: Lawrence Wang	
Site: TR1	Time: 2026/02/04
Limit: VCCI_CE_Mains_Class B	Margin: 0
Probe: ENV216_101190(0.009-30MHz)-Suz-0238	Polarity: Neutral
EUT: USB Flash Drive	Power: 230 Vac, 50 Hz
Note: Mode 2	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Probe (dB)	Cable (dB)	Amp (dB)	Type
1		0.158	46.402	26.902	-19.167	65.568	9.668	9.832	0.000	QP
2		0.158	34.165	14.665	-21.403	55.568	9.668	9.832	0.000	AV
3		0.530	42.495	22.971	-13.505	56.000	9.680	9.844	0.000	QP
4	*	0.530	35.636	16.112	-10.364	46.000	9.680	9.844	0.000	AV
5		0.582	41.036	21.510	-14.964	56.000	9.680	9.846	0.000	QP
6		0.582	28.829	9.303	-17.171	46.000	9.680	9.846	0.000	AV
7		0.762	37.537	17.976	-18.463	56.000	9.709	9.852	0.000	QP
8		0.762	31.833	12.272	-14.167	46.000	9.709	9.852	0.000	AV
9		1.062	39.289	19.611	-16.711	56.000	9.816	9.862	0.000	QP
10		1.062	28.755	9.077	-17.245	46.000	9.816	9.862	0.000	AV
11		6.478	36.182	16.334	-23.818	60.000	9.858	9.990	0.000	QP
12		6.478	27.129	7.281	-22.871	50.000	9.858	9.990	0.000	AV

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

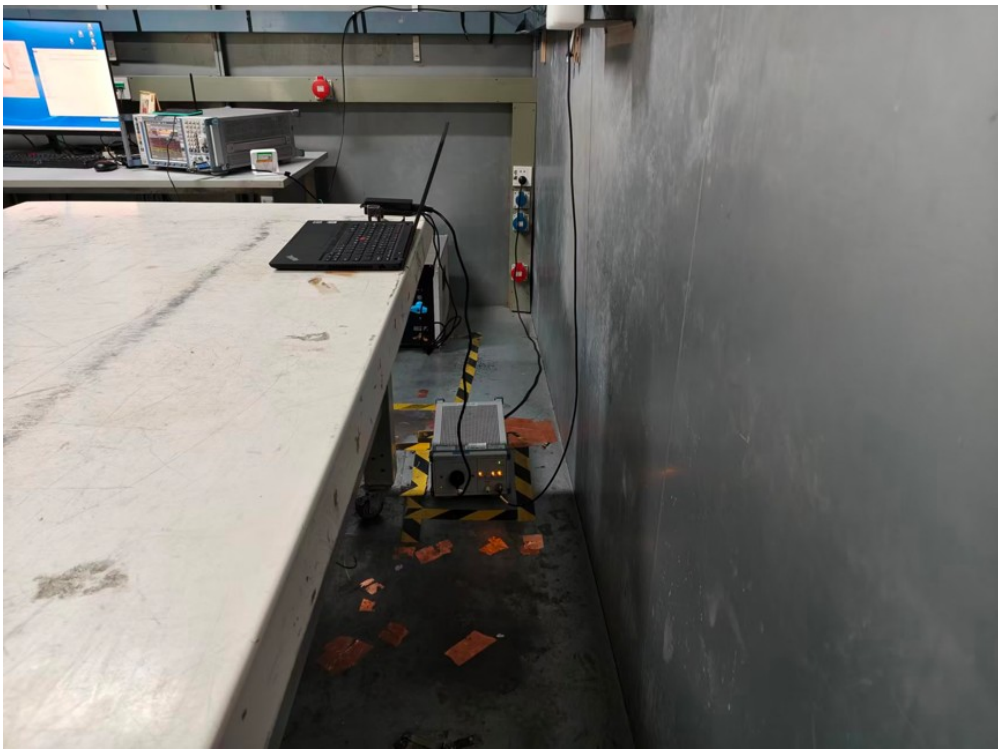
3.7 Test Photograph

Test Mode: Mode 1

Description: Front View of Conducted Emission (Main Terminals) Test Setup

Test Mode: Mode 1

Description: Back View of Conducted Emission (Main Terminals) Test Setup



Test Mode: Mode 2

Description: Front View of Conducted Emission (Main Terminals) Test Setup

Test Mode: Mode 2

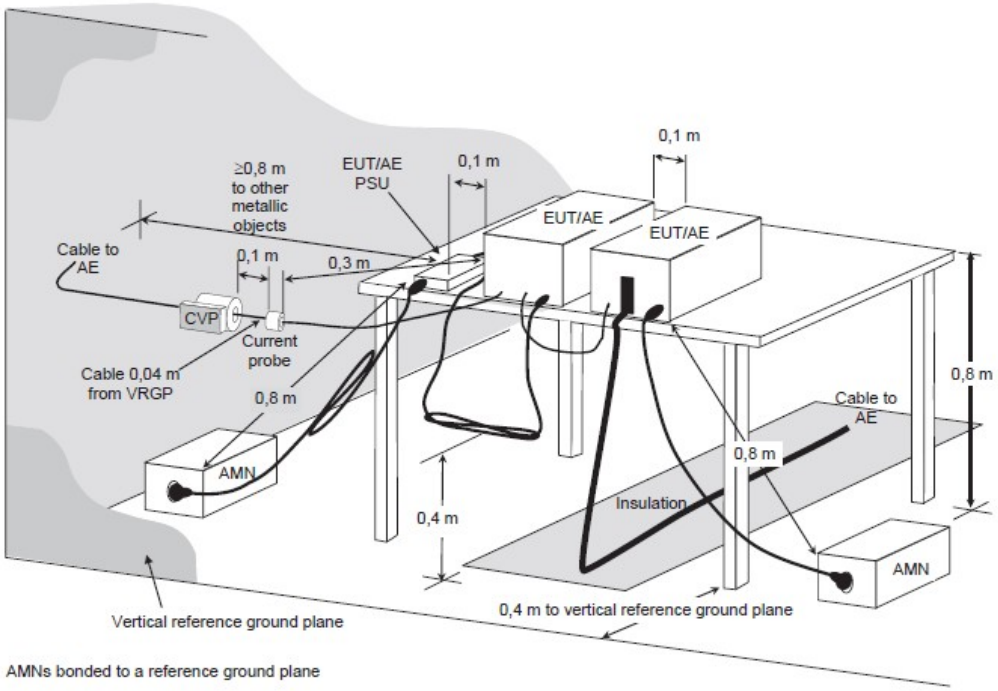
Description: Back View of Conducted Emission (Main Terminals) Test Setup

4 Asymmetric mode conducted emissions

4.1 Test Specification

According to EMC Standard: VCCI CISPR 32:2016

4.2 Test Setup



4.3 Limit

Table 4.1 – Requirements for asymmetric mode conducted emissions from class A equipment

Applicable to 1. wired network ports 2. optical fibre ports with metallic shield or tension members 3. antenna ports				
Frequency range MHz	Coupling device	Detector type/ Bandwidth	Class A voltage limits dB(μV)	Class A current limits dB(μA)
0.15 – 0.5	AAN	Quasi Peak / 9 kHz	97 – 87	N / A
0.5 – 30			87	
0.15 – 0.5	AAN	Average / 9 kHz	84 – 74	
0.5 – 30			74	
0.15 – 0.5	CVP	Quasi Peak / 9 kHz	97 – 87	53 – 43

Applicable to 1. wired network ports 2. optical fibre ports with metallic shield or tension members 3. antenna ports				
Frequency range MHz	Coupling device	Detector type/ Bandwidth	Class A voltage limits dB(μV)	Class A current limits dB(μA)
0.5 – 30	and current probe		87	43
0.15 – 0.5	CVP and current probe	Average / 9 kHz	84 – 74	40 – 30
0.5 – 30			74	30
0.15 – 0.5	Current Probe	Quasi Peak / 9 kHz	N / A	53 – 43
0.5 – 30				43
0.15 – 0.5	Current Probe	Average / 9 kHz		40 – 30
0.5 – 30				30
The choice of coupling device and measurement procedure is defined in CISPR 32:2015 Annex C. AC mains ports that also have the function of a wired network port shall meet the limits given in Table 3.1. The test shall cover the entire frequency range. The application of the voltage and/or current limits is dependent on the measurement procedure used. Refer to CISPR 32:2015 Table C.1 for applicability. Testing is required at only one EUT supply voltage and frequency. Applicable to ports listed above and intended to connect to cables longer than 3 m.				

Table 4.2 – Requirements for asymmetric mode conducted emissions from class B equipment

Applicable to 1. wired network ports 2. optical fibre ports with metallic shield or tension members 3. broadcast receiver tuner ports 4. antenna ports				
Frequency range MHz	Coupling device	Detector type/ Bandwidth	Class B voltage limits dB(μV)	Class B current limits dB(μA)
0.15 – 0.5	AAN	Quasi Peak / 9 kHz	84 – 74	N / A
0.5 – 30			74	
0.15 – 0.5	AAN	Average / 9 kHz	74 – 64	
0.5 – 30			64	
0.15 – 0.5	CVP	Quasi Peak / 9 kHz	84 – 74	40 – 30

Applicable to 1. wired network ports 2. optical fibre ports with metallic shield or tension members 3. broadcast receiver tuner ports 4. antenna ports				
Frequency range MHz	Coupling device	Detector type/ Bandwidth	Class B voltage limits dB(μV)	Class B current limits dB(μA)
0.5 – 30	and current probe		74	30
0.15 – 0.5	CVP and current probe	Average / 9 kHz	74 – 64	30 – 20
0.5 – 30			64	20
0.15 – 0.5	Current Probe	Quasi Peak / 9 kHz	N / A	40 – 30
0.5 – 30				30
0.15 – 0.5	Current Probe	Average / 9 kHz		30 – 20
0.5 – 30				20
The choice of coupling device and measurement procedure is defined in CISPR 32:2015 Annex C. Screened ports including TV broadcast receiver tuner ports are tested with a common-mode impedance of 150 Ω. This is typically accomplished with the screen terminated by 150 Ω to earth. AC mains ports that also have the function of a wired network port shall meet the limits given in Table 3.2. The test shall cover the entire frequency range. The application of the voltage and/or current limits is dependent on the measurement procedure used. Refer to CISPR 32:2015 Table C.1 for applicability. Testing is required at only one EUT supply voltage and frequency. Applicable to ports listed above and intended to connect to cables longer than 3 m.				

4.4 Test Procedure

Telecommunication Port:

The mains voltage shall be supplied to the EUT via the LISN when the measurement of telecommunication port is performed. The common mode disturbances at the telecommunication port shall be connected to the ISN, which is 150 ohm impedance.
Both alternative cables are tested related to the LCL requested. The measurement range is from 150kHz to 30MHz. The bandwidth of measurement is set to 9kHz.
The 75dB LCL ISN is used for cat. 6 cable, the 65dB LCL ISN is used for cat. 5 cable, 55dB LCL ISN is used for cat. 3.

4.5 Deviation from Test Standard

No deviation.

4.6 Test Result

The EUT does not contain the interface defined below.

a. wired network ports

b. optical fibre ports with metallic shield or tension members

c. broadcast receiver tuner ports

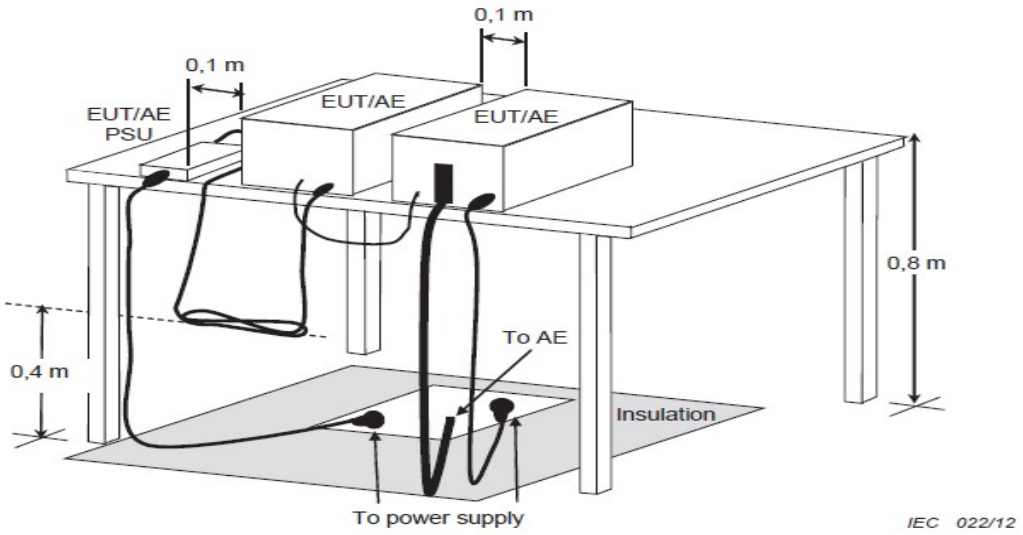
d. antenna ports

5 Radiated Emission

5.1 Test Specification

According to EMC Standard: VCCI CISPR 32:2016

5.2 Test Setup



5.3 Limit

Table 5.1 – Requirements for radiated emissions at frequencies up to 1 GHz for class A equipment

Frequency range MHz	Measurement		Class A limits dB(μV/m)
	Distance m	Detector type/ Bandwidth	OATS / SAC
30-230	10	Quasi Peak / 120 kHz	40
230-1000			47
30-230	3		50
230-1000			57
Apply only 3m or 10m across the entire frequency range.			

Table 5.2 – Requirements for radiated emissions at frequencies above to 1 GHz for class A equipment

Frequency range MHz	Measurement		Class A limits dB(µV/m)
	Distance m	Detector type/ Bandwidth	OATS / SAC
1000-3000	3	Average / 1 MHz	56
3000-6000			60
1000-3000		Peak / 1 MHz	76
3000-6000			80
Apply limit across the frequency range from 1000 MHz to the highest required frequency of measurement derived from table 5.5.			

Table 5.3 – Requirements for radiated emissions at frequencies up to 1 GHz for class B equipment

Frequency range MHz	Measurement		Class B limits dB(µV/m)
	Distance m	Detector type/ Bandwidth	OATS / SAC
30-230	10	Quasi Peak / 120 kHz	30
230-1000			37
30-230	3		40
230-1000			47
Apply only 3m or 10m across the entire frequency range.			

Table 5.4 – Requirements for radiated emissions at frequencies above to 1 GHz for class B equipment

Frequency range MHz	Measurement		Class B limits dB(µV/m)
	Distance m	Detector type/ Bandwidth	OATS / SAC
1000-3000	3	Average / 1 MHz	50
3000-6000			54
1000-3000		Peak / 1 MHz	70
3000-6000			74
Apply limit across the frequency range from 1000 MHz to the highest required frequency of measurement derived from table 5.5.			

Table 5.5 – Required highest frequency for radiated measurement

Highest internal frequency (*F*x)	Highest measured frequency
*F*x ≤ 108 MHz	1 GHz
108 MHz < *F*x ≤ 500 MHz	2 GHz
500 MHz < *F*x ≤ 1 GHz	5 GHz
*F*x > 1 GHz	5 × *F*x up to a maximum of 6 GHz

5.4 Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8m above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 /10m.
The antenna can move up and down between 1 m and 4 m 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.
Radiated emissions were invested over the frequency range from 30MHz to1GHz using a receiver bandwidth of 120kHz and above 1GHz using a receiver bandwidth of 1MHz.
Frequency from 30MHz to1GHz, radiated was performed at an antenna to EUT distance of 10m.
Frequency above1GHz, radiated was performed at an antenna to EUT distance of 3m.
It is placed with absorb on the ground between EUT and antenna.

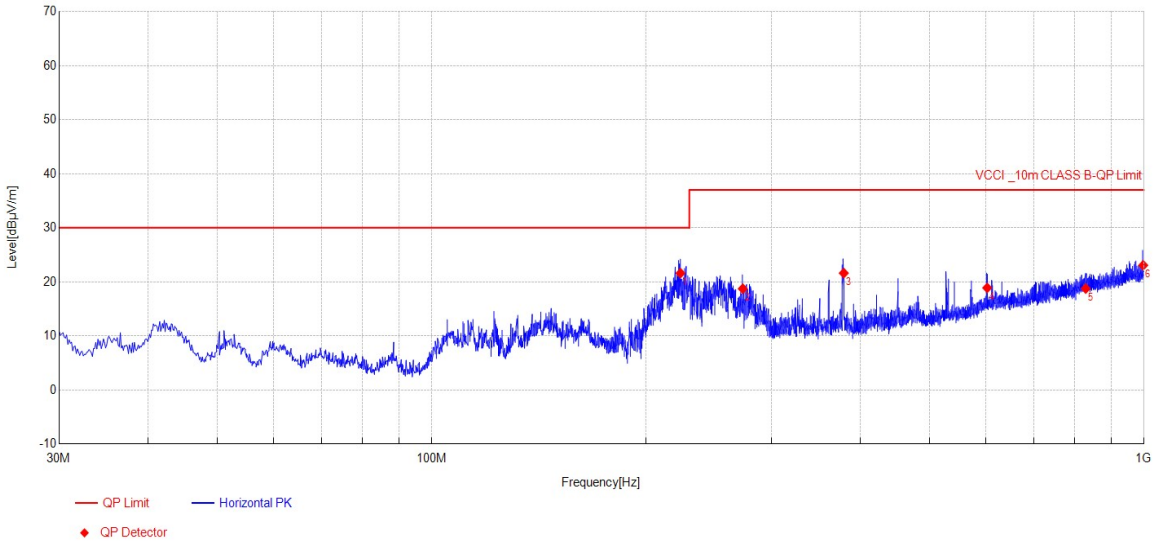
5.5 Deviation from Test Standard

No deviation.

5.6 Test Result

Project Information			
Test Time:	2026-02-04		
Customer:	Flashbay Electronics	Site:	AC1
EUT:	USB Flash Drive	Engineer:	Jim Fu
Margin:	0	Power:	110 Vac; 60 Hz
Environment:	Temperature: 21 ℃ ; Humidity: 46 %; Pressure:1022 mbar		
Remark:	Mode 1		

Test Graph



Final Data List

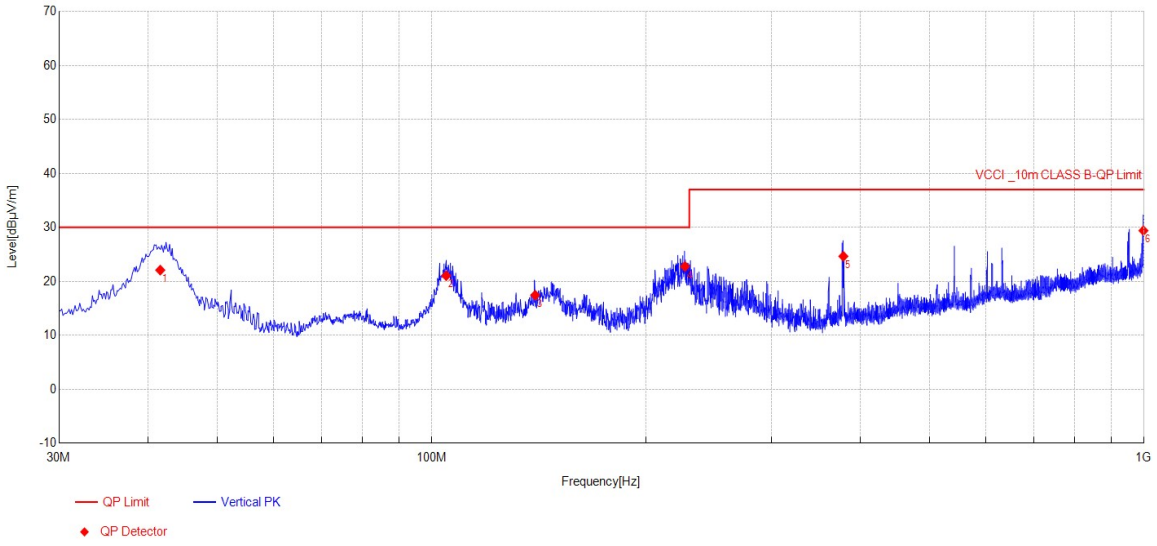
NO.	Frequency [MHz]	QP Reading [dBµV]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Over [dB]	Factor [dB/m]	Height [cm]	Angle [°]	Polarity
1	223.52	38.27	21.61	30.00	-8.39	-16.660	173	124	Horizontal
2	273.35	32.17	18.73	37.00	-18.27	-13.440	240	136	Horizontal
3	378.96	32.07	21.62	37.00	-15.38	-10.450	388	289	Horizontal
4	602.42	23.31	18.89	37.00	-18.11	-4.420	100	255	Horizontal
5	828.31	18.71	18.76	37.00	-18.24	0.050	300	61	Horizontal
6	997.45	21.11	23.07	37.00	-13.93	1.960	281	89	Horizontal

Note: (1) QP Value=QP Reading + Factor

(2) QP Over= QP Value -QP Limit

Project Information			
Test Time:	2026-02-04		
Customer:	Flashbay Electronics	Site:	AC1
EUT:	USB Flash Drive	Engineer:	Jim Fu
Margin:	0	Power:	110 Vac; 60 Hz
Environment:	Temperature: 21 ℃ ; Humidity: 46 %; Pressure:1022 mbar		
Remark:	Mode 1		

Test Graph



Final Data List

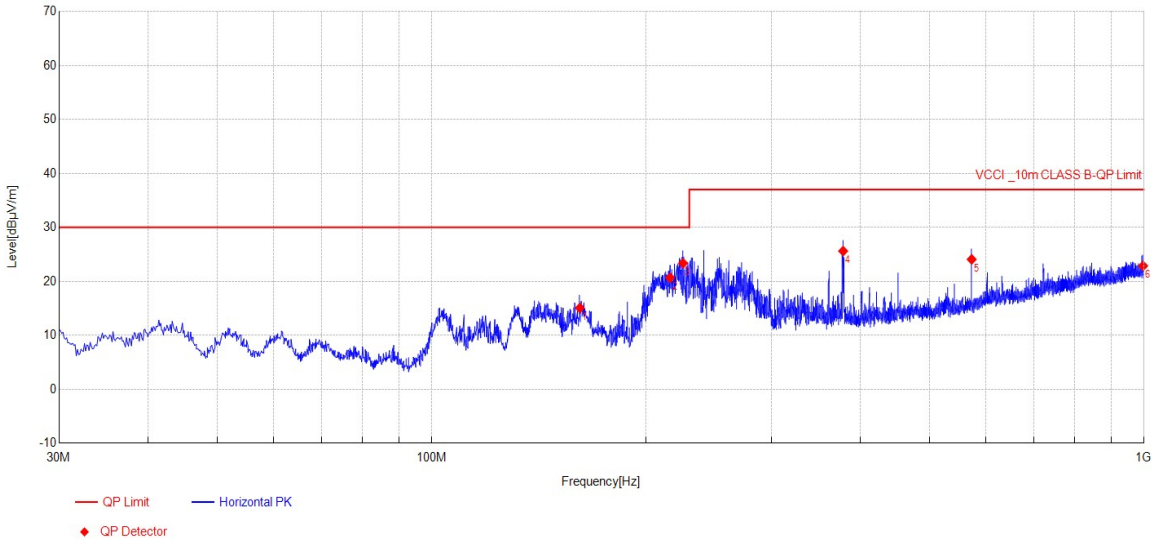
NO.	Frequency [MHz]	QP Reading [dBµV]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Over [dB]	Factor [dB/m]	Height [cm]	Angle [°]	Polarity
1	41.58	36.63	22.08	30.00	-7.92	-14.55	100	295	Vertical
2	104.81	38.79	21.04	30.00	-8.96	-17.750	168	5	Vertical
3	139.73	31.69	17.44	30.00	-12.56	-14.250	279	322	Vertical
4	226.79	38.99	22.76	30.00	-7.24	-16.230	110	109	Vertical
5	378.47	34.73	24.64	37.00	-12.36	-10.090	290	269	Vertical
6	998.30	26.63	29.39	37.00	-7.61	2.760	363	108	Vertical

Note: (1) QP Value=QP Reading + Factor

(2) QP Over= QP Value -QP Limit

Project Information			
Test Time:	2026-02-04		
Customer:	Flashbay Electronics	Site:	AC1
EUT:	USB Flash Drive	Engineer:	Jim Fu
Margin:	0	Power:	230 Vac; 50 Hz
Environment:	Temperature: 21 ℃;Humidity: 46 %; Pressure:1022 mbar		
Remark:	Mode 1		

Test Graph



Final Data List

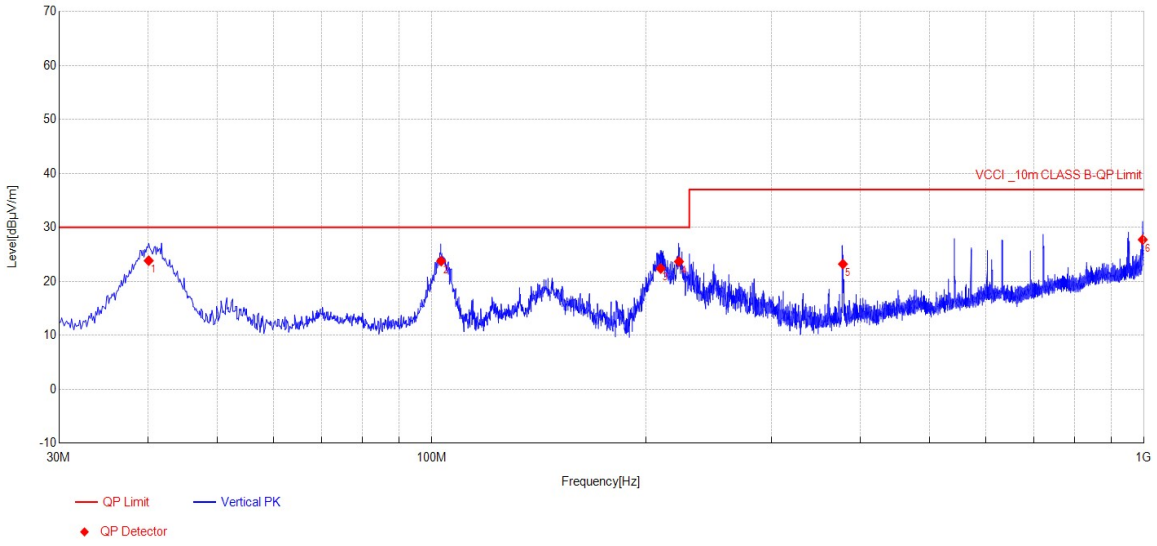
NO.	Frequency [MHz]	QP Reading [dBµV]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Over [dB]	Factor [dB/m]	Height [cm]	Angle [°]	Polarity
1	161.44	28.74	15.06	30.00	-14.94	-13.680	140	252	Horizontal
2	216.12	37.44	20.66	30.00	-9.34	-16.780	150	333	Horizontal
3	225.33	39.94	23.36	30.00	-6.64	-16.580	174	314	Horizontal
4	378.11	36.1	25.61	37.00	-11.39	-10.490	100	253	Horizontal
5	572.96	29.8	24.07	37.00	-12.93	-5.730	300	74	Horizontal
6	997.45	20.9	22.86	37.00	-14.14	1.960	339	209	Horizontal

Note: (1) QP Value=QP Reading + Factor

(2) QP Over= QP Value -QP Limit

Project Information			
Test Time:	2026-02-04		
Customer:	Flashbay Electronics	Site:	AC1
EUT:	USB Flash Drive	Engineer:	Jim Fu
Margin:	0	Power:	230 Vac; 50 Hz
Environment:	Temperature: 21 ℃ ; Humidity: 46 %; Pressure:1022 mbar		
Remark:	Mode 1		

Test Graph



Final Data List

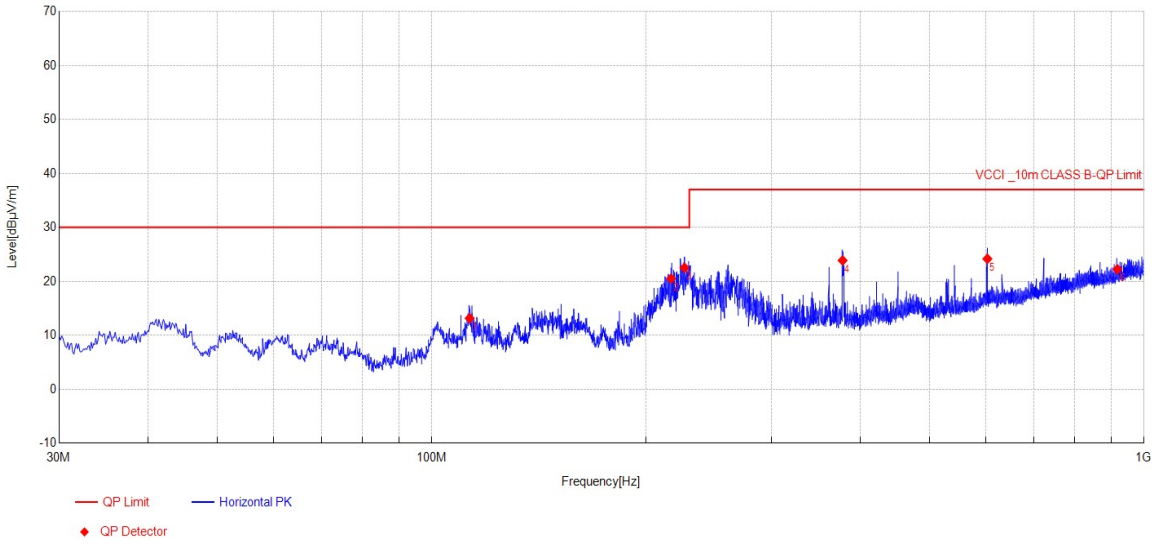
NO.	Frequency [MHz]	QP Reading [dBµV]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Over [dB]	Factor [dB/m]	Height [cm]	Angle [°]	Polarity
1	40.06	38.56	23.83	30.00	-6.17	-14.730	100	61	Vertical
2	103.11	41.76	23.74	30.00	-6.26	-18.020	226	258	Vertical
3	209.69	38.9	22.37	30.00	-7.63	-16.530	213	323	Vertical
4	222.42	40.1	23.66	30.00	-6.34	-16.440	183	9	Vertical
5	377.87	33.3	23.20	37.00	-13.8	-10.100	247	217	Vertical
6	996.00	25	27.72	37.00	-9.28	2.720	365	254	Vertical

Note: (1) QP Value=QP Reading + Factor

(2) QP Over= QP Value -QP Limit

Project Information			
Test Time:	2026-02-04		
Customer:	Flashbay Electronics	Site:	AC1
EUT:	USB Flash Drive	Engineer:	Jim Fu
Margin:	0	Power:	110 Vac; 60 Hz
Environment:	Temperature: 21 ℃ ; Humidity: 46 %; Pressure:1022 mbar		
Remark:	Mode 2		

Test Graph



Final Data List

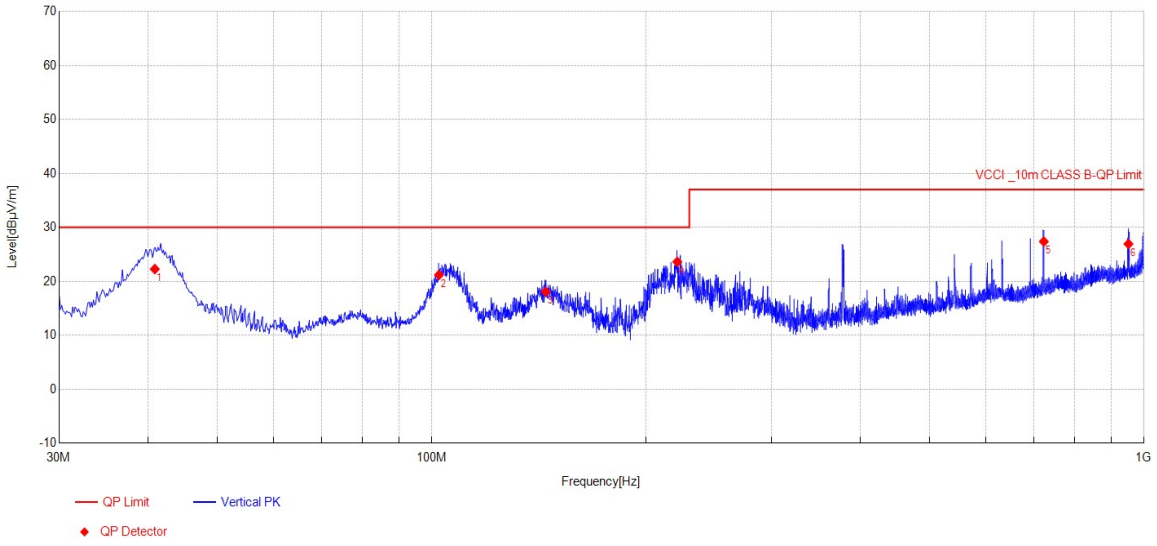
NO.	Frequency [MHz]	QP Reading [dBµV]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Over [dB]	Factor [dB/m]	Height [cm]	Angle [°]	Polarity
1	113.06	30.03	13.16	30.00	-16.84	-16.870	145	223	Horizontal
2	216.85	37.29	20.51	30.00	-9.49	-16.780	220	42	Horizontal
3	226.43	38.99	22.51	30.00	-7.49	-16.480	369	76	Horizontal
4	377.50	34.39	23.87	37.00	-13.13	-10.520	100	245	Horizontal
5	602.66	28.59	24.17	37.00	-12.83	-4.420	300	277	Horizontal
6	917.79	21.79	22.24	37.00	-14.76	0.450	175	342	Horizontal

Note: (1) QP Value=QP Reading + Factor

(2) QP Over= QP Value -QP Limit

Project Information			
Test Time:	2026-02-04		
Customer:	Flashbay Electronics	Site:	AC1
EUT:	USB Flash Drive	Engineer:	Jim Fu
Margin:	0	Power:	110 Vac; 60 Hz
Environment:	Temperature: 21 ℃ ; Humidity: 46 %; Pressure:1022 mbar		
Remark:	Mode 2		

Test Graph



Final Data List

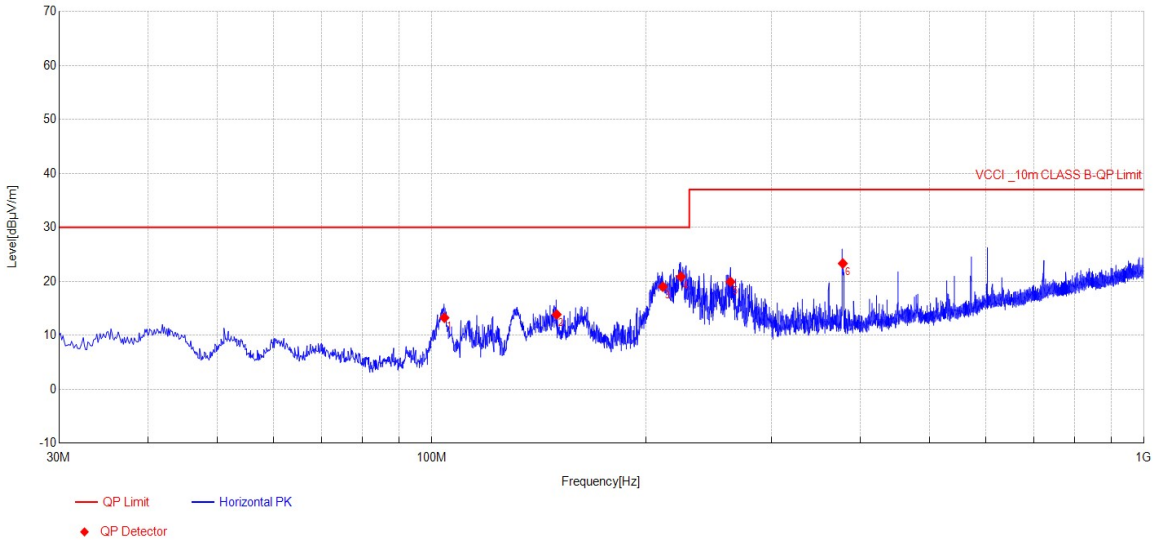
NO.	Frequency [MHz]	QP Reading [dBµV]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Over [dB]	Factor [dB/m]	Height [cm]	Angle [°]	Polarity
1	40.86	36.89	22.27	30.00	-7.73	-14.62	164	329	Vertical
2	102.39	39.35	21.19	30.00	-8.81	-18.160	175	142	Vertical
3	144.58	31.95	18.07	30.00	-11.93	-13.880	291	108	Vertical
4	221.21	40.05	23.61	30.00	-6.39	-16.440	100	0	Vertical
5	723.43	29.15	27.37	37.00	-9.63	-1.780	300	100	Vertical
6	951.14	25.11	26.93	37.00	-10.07	1.820	136	37	Vertical

Note: (1) QP Value=QP Reading + Factor

(2) QP Over= QP Value -QP Limit

Project Information			
Test Time:	2026-02-04		
Customer:	Flashbay Electronics	Site:	AC1
EUT:	USB Flash Drive	Engineer:	Jim Fu
Margin:	0	Power:	230 Vac; 50 Hz
Environment:	Temperature: 21 ℃ ; Humidity: 46 %; Pressure:1022 mbar		
Remark:	Mode 2		

Test Graph



Final Data List

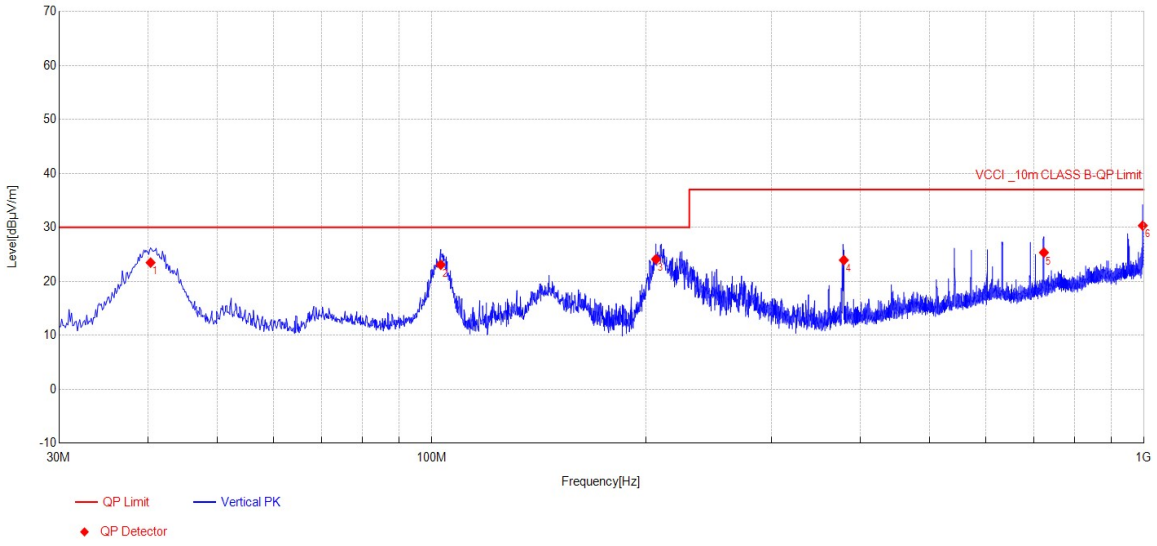
NO.	Frequency [MHz]	QP Reading [dBµV]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Over [dB]	Factor [dB/m]	Height [cm]	Angle [°]	Polarity
1	104.21	31.18	13.25	30.00	-16.75	-17.930	119	40	Horizontal
2	149.80	27.82	13.85	30.00	-16.15	-13.970	100	236	Horizontal
3	211.15	35.92	19.00	30.00	-11	-16.920	292	108	Horizontal
4	223.88	37.52	20.86	30.00	-9.14	-16.660	113	134	Horizontal
5	262.80	34.02	19.91	37.00	-17.09	-14.110	202	147	Horizontal
6	377.75	33.82	23.31	37.00	-13.69	-10.510	173	301	Horizontal

Note: (1) QP Value=QP Reading + Factor

(2) QP Over= QP Value -QP Limit

Project Information			
Test Time:	2026-02-04		
Customer:	Flashbay Electronics	Site:	AC1
EUT:	USB Flash Drive	Engineer:	Jim Fu
Margin:	0	Power:	230 Vac; 50 Hz
Environment:	Temperature: 21 ℃ ; Humidity: 46 %; Pressure:1022 mbar		
Remark:	Mode 2		

Test Graph



Final Data List

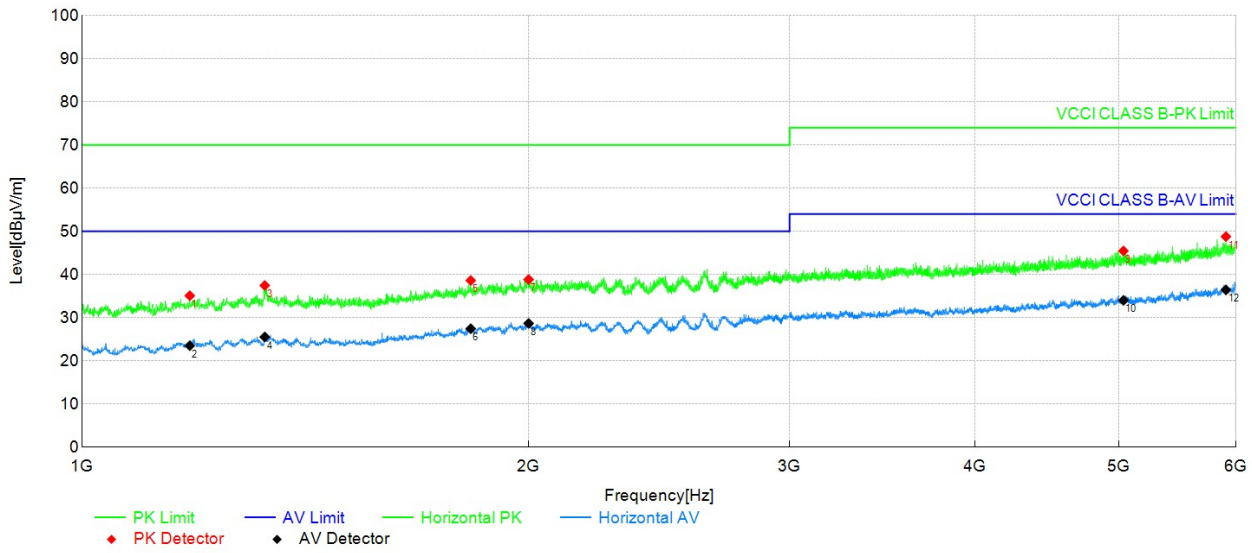
NO.	Frequency [MHz]	QP Reading [dBµV]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Over [dB]	Factor [dB/m]	Height [cm]	Angle [°]	Polarity
1	40.31	38.18	23.47	30.00	-6.53	-14.710	100	312	Ver
2	102.99	41.11	23.07	30.00	-6.93	-18.040	237	12	Ver
3	206.54	40.61	24.10	30.00	-5.9	-16.510	231	253	Ver
4	378.96	34.01	23.93	37.00	-13.07	-10.080	136	125	Ver
5	723.55	27.11	25.33	37.00	-11.67	-1.780	198	136	Ver
6	996.24	27.61	30.33	37.00	-6.67	2.720	204	196	Ver

Note: (1) QP Value=QP Reading + Factor

(2) QP Over= QP Value -QP Limit

Project Information			
Test Time:	2026-02-07		
Customer:	Flashbay Electronics	Site:	AC5
EUT:	USB Flash Drive	Engineer:	Jim Fu
Margin:	0	Power:	110 Vac; 60 Hz
Environment:	Temperature: 22 °C; Humidity: 37 %RH; Barometric Pressure: 1014 mbar		
Remark:	Mode 1		

Test Graph



Final Data List

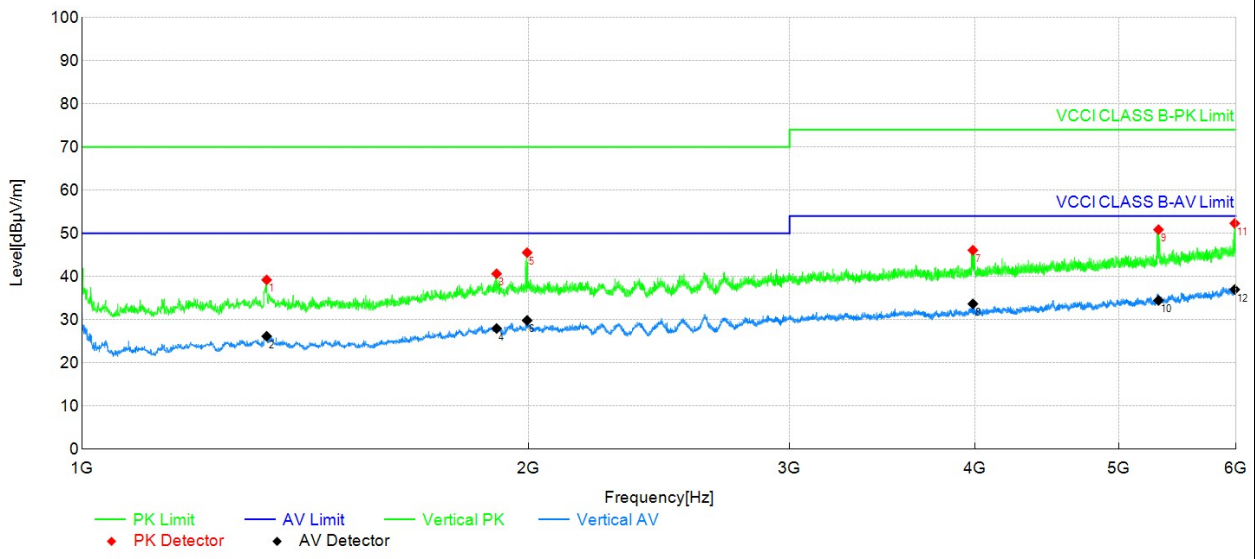
NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	1182.0000	49.41	35.10	-14.31	70.00	-34.9	148	227	PK	Horizontal
2	1182.0000	37.82	23.51	-14.31	50.00	-26.49	148	227	AV	Horizontal
3	1328.0000	50.84	37.47	-13.37	70.00	-32.53	199	99	PK	Horizontal
4	1328.0000	38.91	25.54	-13.37	50.00	-24.46	199	99	AV	Horizontal
5	1828.5000	49.29	38.64	-10.65	70.00	-31.36	191	300	PK	Horizontal
6	1828.5000	38.10	27.45	-10.65	50.00	-22.55	191	300	AV	Horizontal
7	2000.5000	48.32	38.85	-9.47	70.00	-31.15	123	334	PK	Horizontal
8	2000.5000	38.15	28.68	-9.47	50.00	-21.32	123	334	AV	Horizontal
9	5038.0000	47.07	45.47	-1.60	74.00	-28.53	188	113	PK	Horizontal
10	5038.0000	35.61	34.01	-1.60	54.00	-19.99	188	113	AV	Horizontal
11	5907.0000	48.82	48.79	-0.03	74.00	-25.21	177	220	PK	Horizontal
12	5907.0000	36.48	36.45	-0.03	54.00	-17.55	177	220	AV	Horizontal

Note: (1) Level= Reading+ Factor

(2) Over= Level- Limit

Project Information			
Test Time:	2026-02-07		
Customer:	Flashbay Electronics	Site:	AC5
EUT:	USB Flash Drive	Engineer:	Jim Fu
Margin:	0	Power:	110 Vac; 60 Hz
Environment:	Temperature: 22 °C; Humidity: 37 %RH; Barometric Pressure: 1014 mbar		
Remark:	Mode 1		

Test Graph



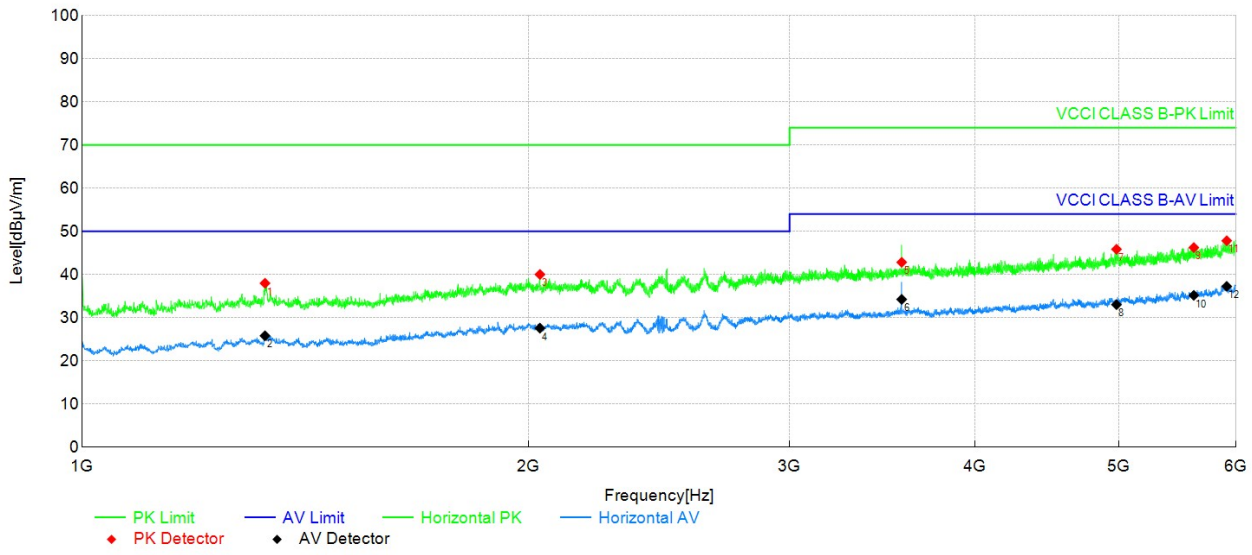
Final Data List										
NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	1332.0000	52.52	39.22	-13.30	70.00	-30.78	174	98	PK	Vertical
2	1332.0000	39.46	26.16	-13.30	50.00	-23.84	174	98	AV	Vertical
3	1903.5000	50.98	40.64	-10.34	70.00	-29.36	298	305	PK	Vertical
4	1903.5000	38.31	27.97	-10.34	50.00	-22.03	298	305	AV	Vertical
5	1996.0000	55.14	45.54	-9.60	70.00	-24.46	286	267	PK	Vertical
6	1996.0000	39.44	29.84	-9.60	50.00	-20.16	286	267	AV	Vertical
7	3988.0000	50.93	46.10	-4.83	74.00	-27.9	128	55	PK	Vertical
8	3988.0000	38.50	33.67	-4.83	54.00	-20.33	128	55	AV	Vertical
9	5320.0000	52.26	50.87	-1.39	74.00	-23.13	243	290	PK	Vertical
10	5320.0000	35.86	34.47	-1.39	54.00	-19.53	243	290	AV	Vertical
11	5988.5000	52.43	52.32	-0.11	74.00	-21.68	268	13	PK	Vertical
12	5988.5000	37.10	36.99	-0.11	54.00	-17.01	268	13	AV	Vertical

Note: (1) Level= Reading+ Factor

(2) Over= Level- Limit

Project Information			
Test Time:	2026-02-07		
Customer:	Flashbay Electronics	Site:	AC5
EUT:	USB Flash Drive	Engineer:	Jim Fu
Margin:	0	Power:	230 Vac; 50 Hz
Environment:	Temperature: 22 °C; Humidity: 37 %RH; Barometric Pressure: 1014 mbar		
Remark:	Mode 1		

Test Graph



Final Data List

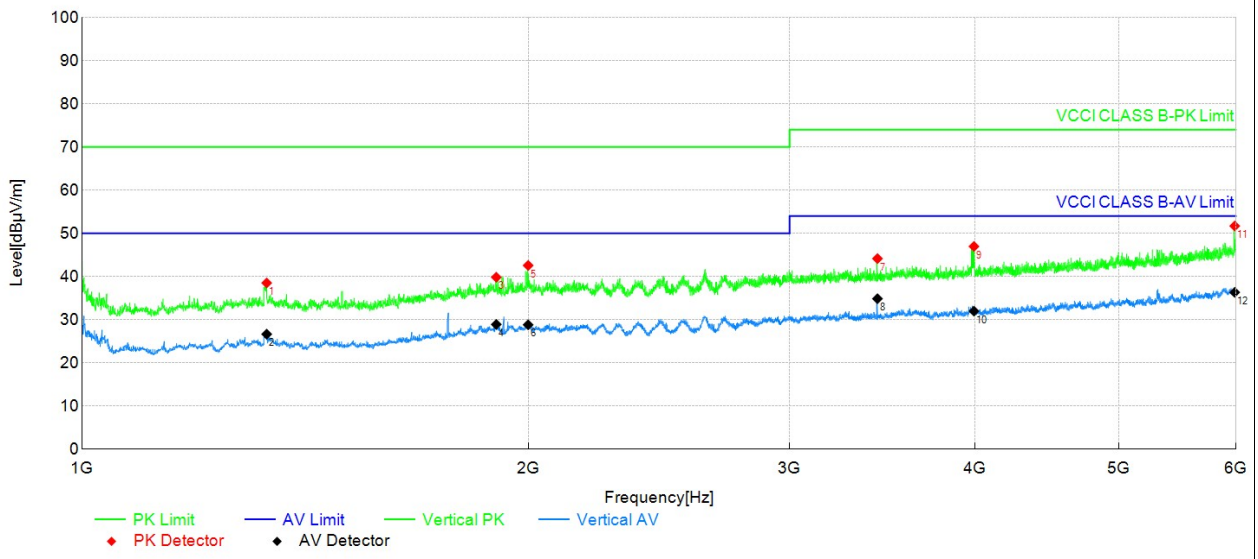
NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	1328.5000	51.35	37.99	-13.36	70.00	-32.01	190	319	PK	Horizontal
2	1328.5000	39.18	25.82	-13.36	50.00	-24.18	190	319	AV	Horizontal
3	2036.0000	49.81	40.02	-9.79	70.00	-29.98	176	67	PK	Horizontal
4	2036.0000	37.38	27.59	-9.79	50.00	-22.41	176	67	AV	Horizontal
5	3570.5000	47.83	42.84	-4.99	74.00	-31.16	174	56	PK	Horizontal
6	3570.5000	39.24	34.25	-4.99	54.00	-19.75	174	56	AV	Horizontal
7	4984.0000	48.05	45.86	-2.19	74.00	-28.14	193	18	PK	Horizontal
8	4984.0000	35.22	33.03	-2.19	54.00	-20.97	193	18	AV	Horizontal
9	5619.5000	47.18	46.25	-0.93	74.00	-27.75	200	172	PK	Horizontal
10	5619.5000	36.11	35.18	-0.93	54.00	-18.82	200	172	AV	Horizontal
11	5914.5000	48.01	47.83	-0.18	74.00	-26.17	207	263	PK	Horizontal
12	5914.5000	37.45	37.27	-0.18	54.00	-16.73	207	263	AV	Horizontal

Note: (1) Level= Reading+ Factor

(2) Over= Level- Limit

Project Information			
Test Time:	2026-02-07		
Customer:	Flashbay Electronics	Site:	AC5
EUT:	USB Flash Drive	Engineer:	Jim Fu
Margin:	0	Power:	230 Vac; 50 Hz
Environment:	Temperature: 22 °C; Humidity: 37 %RH; Barometric Pressure: 1014 mbar		
Remark:	Mode 1		

Test Graph



Final Data List

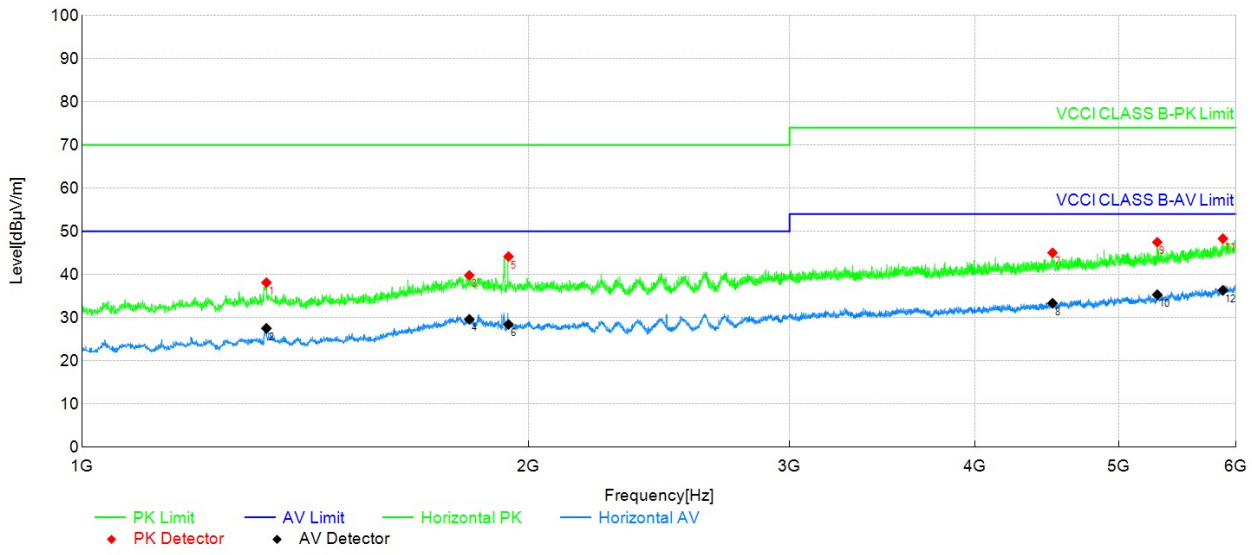
NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	1332.0000	51.81	38.51	-13.30	70.00	-31.49	161	82	PK	Vertical
2	1332.0000	39.95	26.65	-13.30	50.00	-23.35	161	82	AV	Vertical
3	1902.5000	50.16	39.84	-10.32	70.00	-30.16	199	106	PK	Vertical
4	1902.5000	39.23	28.91	-10.32	50.00	-21.09	199	106	AV	Vertical
5	1999.0000	52.09	42.58	-9.51	70.00	-27.42	115	236	PK	Vertical
6	1999.0000	38.33	28.82	-9.51	50.00	-21.18	115	236	AV	Vertical
7	3438.5000	50.11	44.16	-5.95	74.00	-29.84	160	186	PK	Vertical
8	3438.5000	40.82	34.87	-5.95	54.00	-19.13	160	186	AV	Vertical
9	3994.5000	51.88	46.97	-4.91	74.00	-27.03	287	79	PK	Vertical
10	3994.5000	36.90	31.99	-4.91	54.00	-22.01	287	79	AV	Vertical
11	5988.0000	51.85	51.71	-0.14	74.00	-22.29	250	298	PK	Vertical
12	5988.0000	36.48	36.34	-0.14	54.00	-17.66	250	298	AV	Vertical

Note: (1) Level= Reading+ Factor

(2) Over= Level- Limit

Project Information			
Test Time:	2026-02-07		
Customer:	Flashbay Electronics	Site:	AC5
EUT:	USB Flash Drive	Engineer:	Jim Fu
Margin:	0	Power:	110 Vac; 60 Hz
Environment:	Temperature: 22 °C; Humidity: 37 %RH; Barometric Pressure: 1014 mbar		
Remark:	Mode 2		

Test Graph



Final Data List

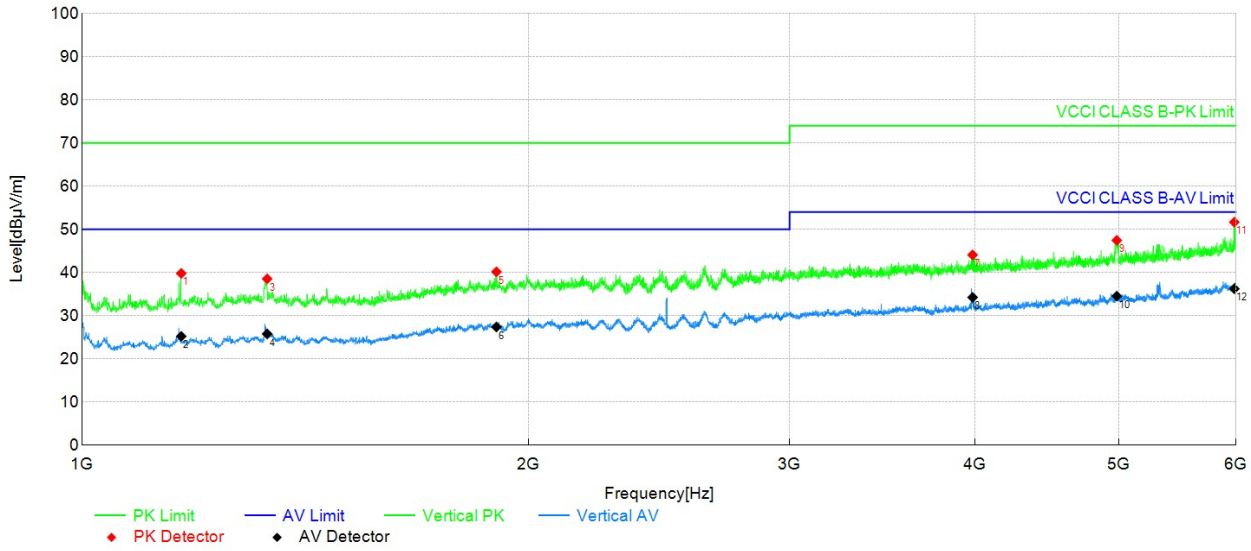
NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	1331.5000	51.44	38.13	-13.31	70.00	-31.87	193	180	PK	Horizontal
2	1331.5000	40.85	27.54	-13.31	50.00	-22.46	193	180	AV	Horizontal
3	1824.5000	50.6	39.81	-10.79	70.00	-30.19	221	5	PK	Horizontal
4	1824.5000	40.42	29.63	-10.79	50.00	-20.37	221	5	AV	Horizontal
5	1939.0000	54.06	44.17	-9.89	70.00	-25.83	196	284	PK	Horizontal
6	1939.0000	38.34	28.45	-9.89	50.00	-21.55	196	284	AV	Horizontal
7	4513.0000	47.69	45.03	-2.66	74.00	-28.97	101	272	PK	Horizontal
8	4513.0000	36.01	33.35	-2.66	54.00	-20.65	101	272	AV	Horizontal
9	5310.0000	49.01	47.48	-1.53	74.00	-26.52	212	200	PK	Horizontal
10	5310.0000	36.86	35.33	-1.53	54.00	-18.67	212	200	AV	Horizontal
11	5879.5000	48.44	48.31	-0.13	74.00	-25.69	221	343	PK	Horizontal
12	5879.5000	36.47	36.34	-0.13	54.00	-17.66	221	343	AV	Horizontal

Note: (1) Level= Reading+ Factor

(2) Over= Level- Limit

Project Information			
Test Time:	2026-02-07		
Customer:	Flashbay Electronics	Site:	AC5
EUT:	USB Flash Drive	Engineer:	Jim Fu
Margin:	0	Power:	110 Vac; 60 Hz
Environment:	Temperature: 22 °C; Humidity: 37 %RH; Barometric Pressure: 1014 mbar		
Remark:	Mode 2		

Test Graph



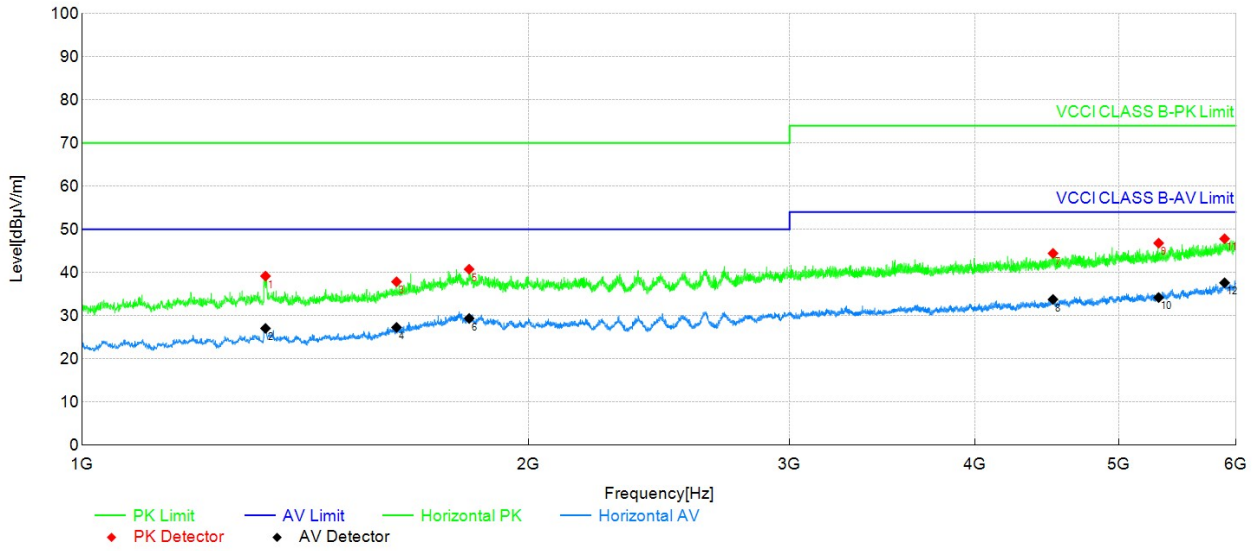
Final Data List										
NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	1166.5000	54.35	39.81	-14.54	70.00	-30.19	155	216	PK	Vertical
2	1166.5000	39.77	25.23	-14.54	50.00	-24.77	155	216	AV	Vertical
3	1333.0000	51.84	38.55	-13.29	70.00	-31.45	253	67	PK	Vertical
4	1333.0000	39.08	25.79	-13.29	50.00	-24.21	253	67	AV	Vertical
5	1903.0000	50.51	40.17	-10.34	70.00	-29.83	241	29	PK	Vertical
6	1903.0000	37.74	27.40	-10.34	50.00	-22.6	241	29	AV	Vertical
7	3986.0000	48.84	44.09	-4.75	74.00	-29.91	119	250	PK	Vertical
8	3986.0000	39.00	34.25	-4.75	54.00	-19.75	119	250	AV	Vertical
9	4986.5000	49.52	47.45	-2.07	74.00	-26.55	152	184	PK	Vertical
10	4986.5000	36.60	34.53	-2.07	54.00	-19.47	152	184	AV	Vertical
11	5984.5000	52.06	51.68	-0.38	74.00	-22.32	216	202	PK	Vertical
12	5984.5000	36.62	36.24	-0.38	54.00	-17.76	216	202	AV	Vertical

Note: (1) Level= Reading+ Factor

(2) Over= Level- Limit

Project Information			
Test Time:	2026-02-07		
Customer:	Flashbay Electronics	Site:	AC5
EUT:	USB Flash Drive	Engineer:	Jim Fu
Margin:	0	Power:	230 Vac; 50 Hz
Environment:	Temperature: 22 °C; Humidity: 37 %RH; Barometric Pressure: 1014 mbar		
Remark:	Mode 2		

Test Graph



Final Data List

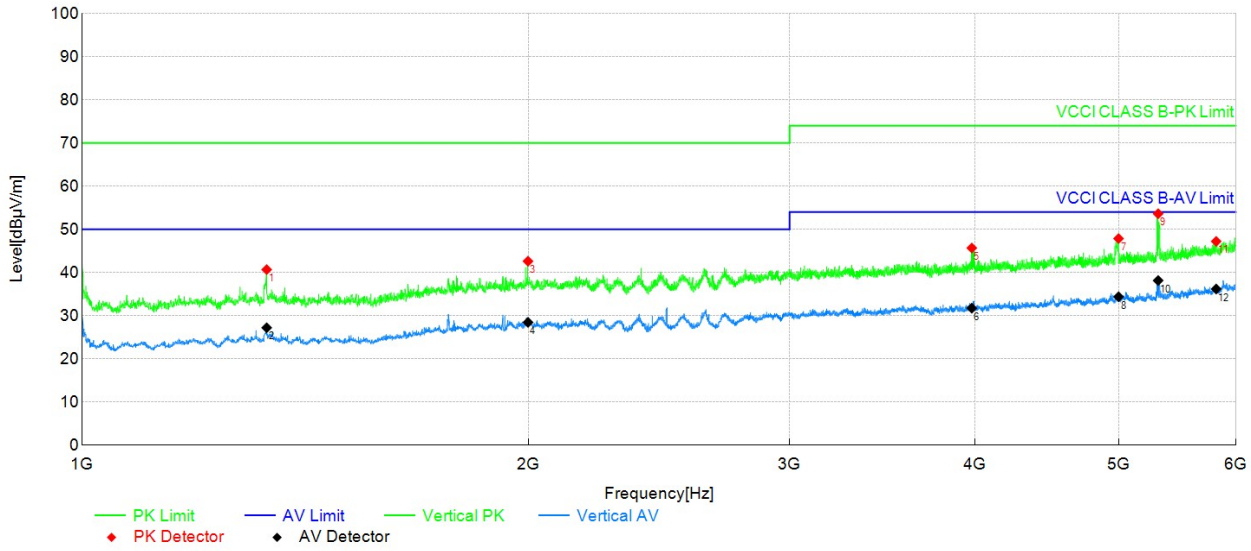
NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	1329.5000	52.51	39.17	-13.34	70.00	-30.83	193	289	PK	Horizontal
2	1329.5000	40.41	27.07	-13.34	50.00	-22.93	193	289	AV	Horizontal
3	1629.5000	51.03	37.87	-13.16	70.00	-32.13	269	262	PK	Horizontal
4	1629.5000	40.45	27.29	-13.16	50.00	-22.71	269	262	AV	Horizontal
5	1824.0000	51.57	40.77	-10.80	70.00	-29.23	106	301	PK	Horizontal
6	1824.0000	40.17	29.37	-10.80	50.00	-20.63	106	301	AV	Horizontal
7	4516.0000	46.96	44.44	-2.52	74.00	-29.56	186	190	PK	Horizontal
8	4516.0000	36.29	33.77	-2.52	54.00	-20.23	186	190	AV	Horizontal
9	5321.0000	48.22	46.81	-1.41	74.00	-27.19	116	85	PK	Horizontal
10	5321.0000	35.62	34.21	-1.41	54.00	-19.79	116	85	AV	Horizontal
11	5895.0000	47.62	47.82	0.20	74.00	-26.18	209	14	PK	Horizontal
12	5895.0000	37.43	37.63	0.20	54.00	-16.37	209	14	AV	Horizontal

Note: (1) Level= Reading+ Factor

(2) Over= Level- Limit

Project Information			
Test Time:	2026-02-07		
Customer:	Flashbay Electronics	Site:	AC5
EUT:	USB Flash Drive	Engineer:	Jim Fu
Margin:	0	Power:	230 Vac; 50 Hz
Environment:	Temperature: 22 °C; Humidity: 37 %RH; Barometric Pressure: 1014 mbar		
Remark:	Mode 2		

Test Graph



Final Data List

NO.	Freq. [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Over [dB]	Height [cm]	Angle [°]	Detector	Polarity
1	1332.0000	53.99	40.69	-13.30	70.00	-29.31	181	272	PK	Vertical
2	1332.0000	40.52	27.22	-13.30	50.00	-22.78	181	272	AV	Vertical
3	1998.5000	52.15	42.63	-9.52	70.00	-27.37	203	41	PK	Vertical
4	1998.5000	37.98	28.46	-9.52	50.00	-21.54	203	41	AV	Vertical
5	3981.0000	50.28	45.69	-4.59	74.00	-28.31	179	135	PK	Vertical
6	3981.0000	36.34	31.75	-4.59	54.00	-22.25	179	135	AV	Vertical
7	5000.0000	49.67	47.87	-1.80	74.00	-26.13	101	42	PK	Vertical
8	5000.0000	36.19	34.39	-1.80	54.00	-19.61	101	42	AV	Vertical
9	5317.0000	54.99	53.63	-1.36	74.00	-20.37	110	83	PK	Vertical
10	5317.0000	39.52	38.16	-1.36	54.00	-15.84	110	83	AV	Vertical
11	5818.5000	47.7	47.22	-0.48	74.00	-26.78	134	251	PK	Vertical
12	5818.5000	36.67	36.19	-0.48	54.00	-17.81	134	251	AV	Vertical

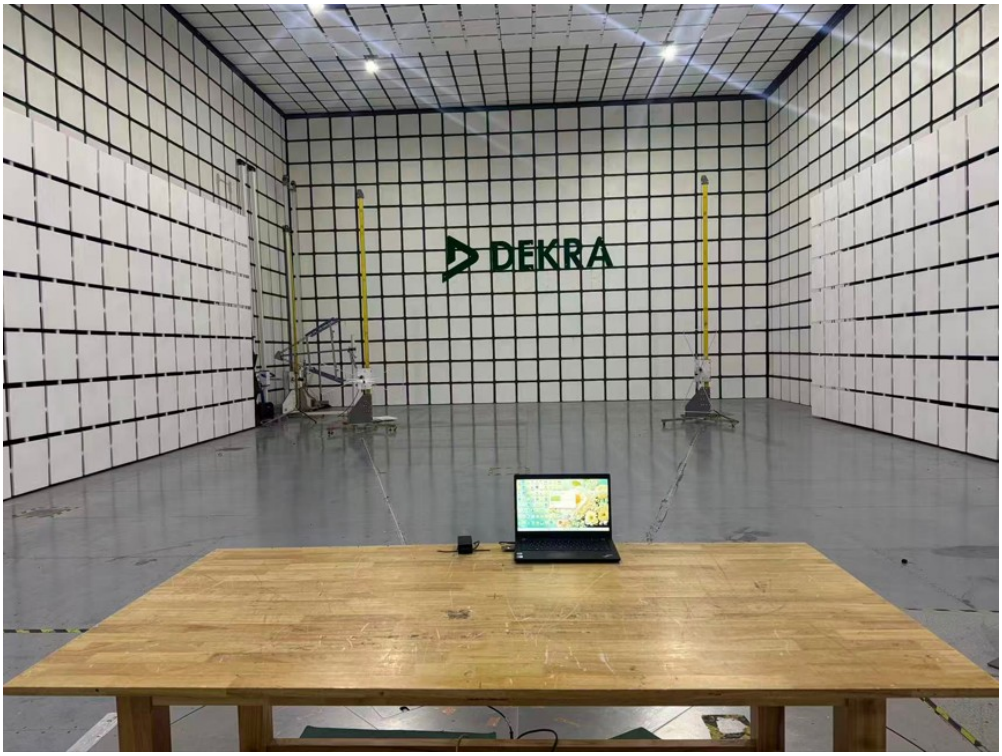
Note: (1) Level= Reading+ Factor

(2) Over= Level- Limit

5.7 Test Photograph

Test Mode: Mode 1

Description: Front View of Radiated Emissions Test Setup (Below 1 GHz)



Test Mode: Mode 1

Description: Back View of Radiated Emissions Test Setup (Below 1 GHz)

Test Mode: Mode 2

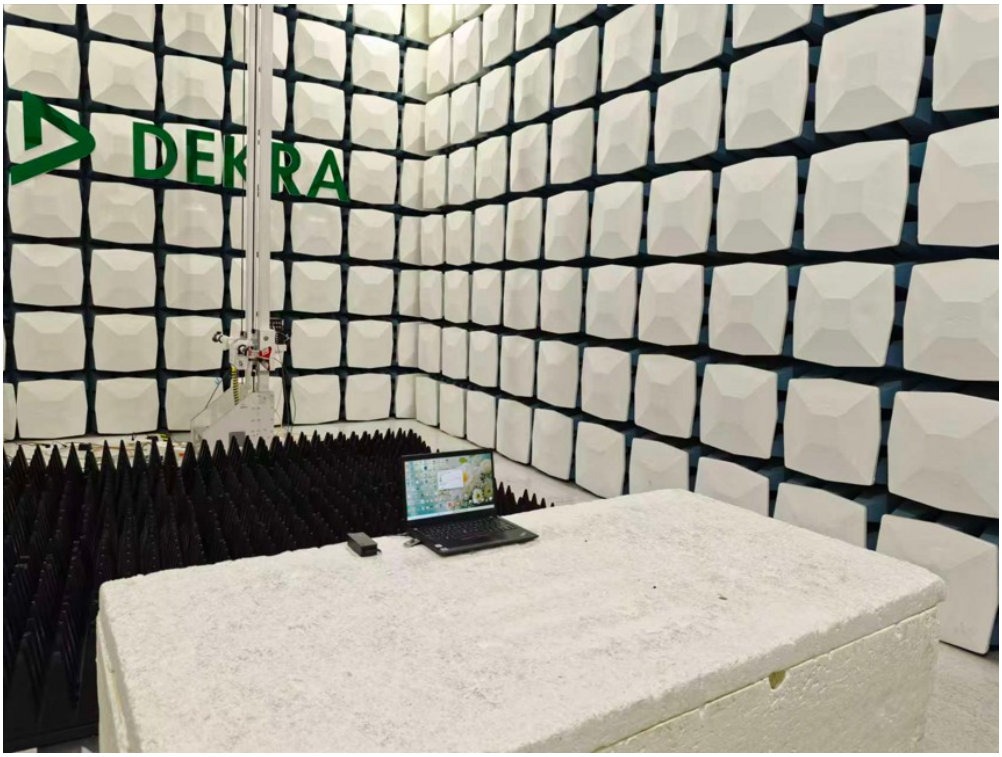
Description: Front View of Radiated Emissions Test Setup (Below 1 GHz)

Test Mode: Mode 2

Description: Back View of Radiated Emissions Test Setup (Below 1 GHz)

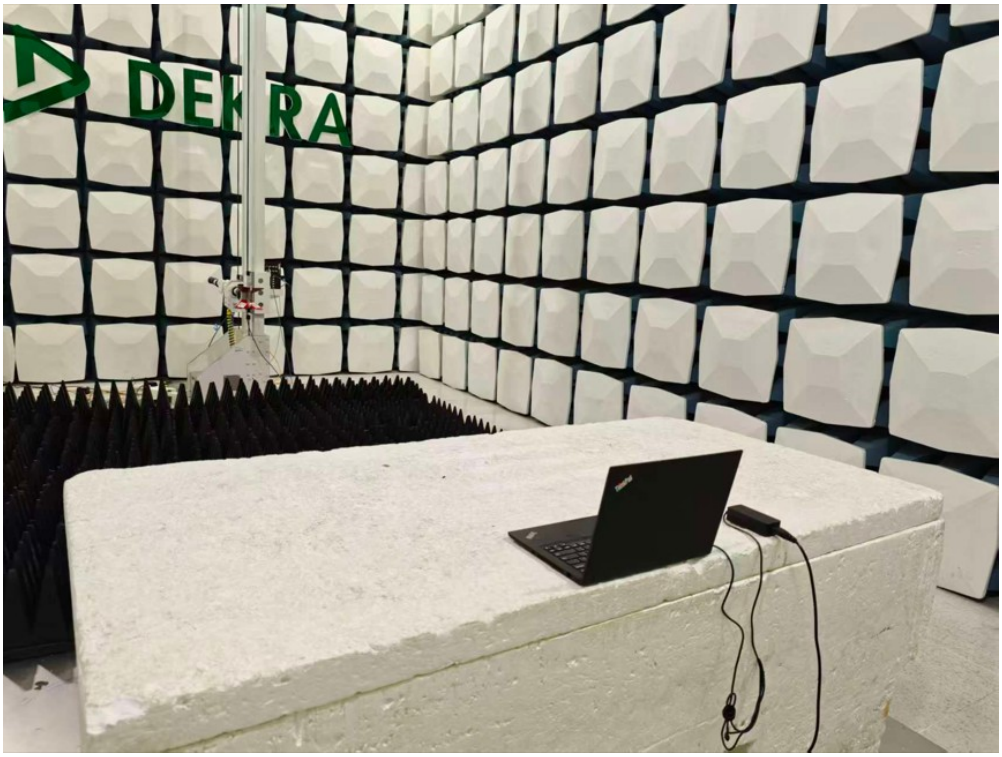
Test Mode: Mode 1

Description: Front View of Radiated Emissions Test Setup (Above 1 GHz)



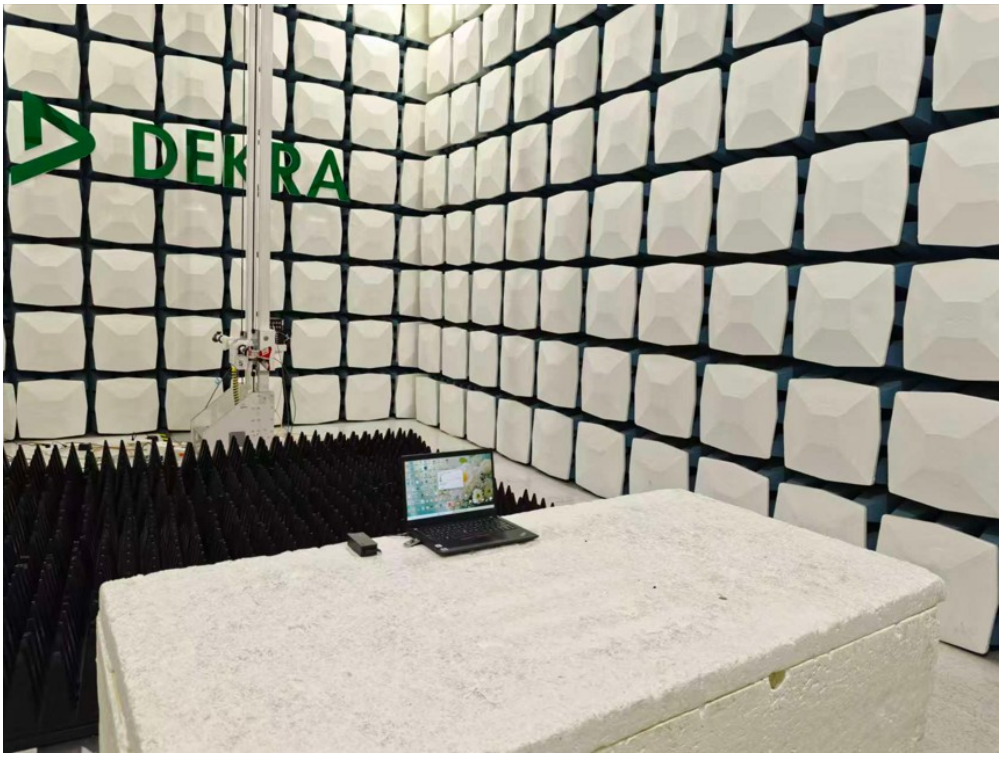
Test Mode: Mode 1

Description: Back View of Radiated Emissions Test Setup (Above 1 GHz)



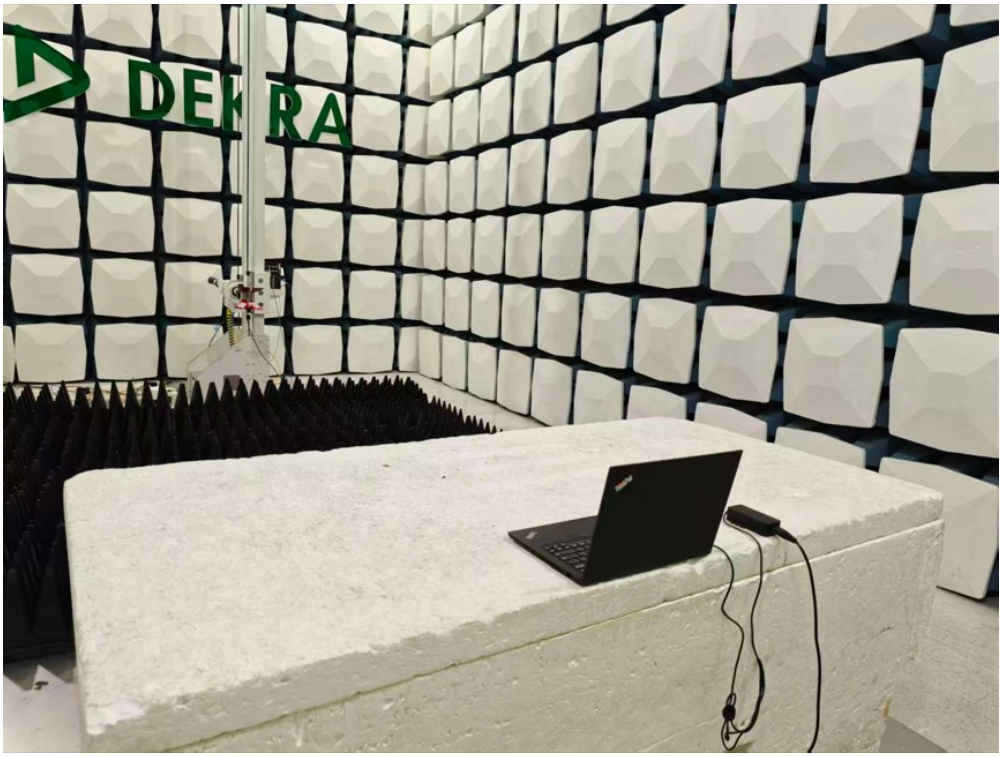
Test Mode: Mode 2

Description: Front View of Radiated Emissions Test Setup (Above 1 GHz)



Test Mode: Mode 2

Description: Back View of Radiated Emissions Test Setup (Above 1 GHz)



6 Attachment

EUT Photograph

(1) EUT Photo

(2) EUT Photo

(3) EUT Photo

(4) EUT Photo

(5) EUT Photo

The End