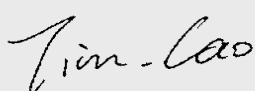




Test report No:
2610025R.701

FCC TEST REPORT

Product Name	Wireless Device Charger
Trademark	BCS
Model and /or type reference	WDC
FCC ID	2AXPS-WDC
Applicant's name / address	BCS Automotive Interface Solutions (Suzhou) Co., Ltd No. 2052, Taidong Road Xiangcheng Economic Development District Suzhou, Jiangsu Province 215143 China
Test method requested, standard	FCC CFR Title 47 Part 15 Subpart C
Verdict Summary	IN COMPLIANCE
Documented by (name / position & signature)	Tim Cao / Project Manager 
Approved by (name / position & signature)	Frank He / Technical Manager 
Date of issue	2026-01-17
Report Version	V1.0
Report template No	Template_FCC Part 15C-RF-V1.0

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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.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

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

IMPORTANT: No parts of this report may be reproduced or quoted out of context, in any form or by any means, except in full, without the previous written permission of DEKRA.

GENERAL CONDITIONS

Test Location	No. 99, Hongye Road, Suzhou Industrial Park Suzhou, 215006, P.R. China
Test Facility	A2LA (Certificate No. 3235.01) CNAS (Certificate No. L5313) FCC - Designation Number: CN1199 Test Firm Registration Number: 566524 ISED - CAB identifier: CN0040 IC#: 4075B
Date (receive sample)	Jan. 05, 2026
Date (start test)	Jan. 05, 2026
Date (finish test)	Jan. 09, 2026

1. This report is only referred to the item that has undergone the test.
2. This report does not constitute or imply on its own an approval of the product by the Certification Bodies or Competent Authorities.
3. This document is only valid if complete; no partial reproduction can be made without previous written permission of DEKRA.
4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of DEKRA.
5. The measurement result is considered in conformance with the requirement if it is within the prescribed limit, it is not necessary to account the uncertainty associated with the measurement result.



DOCUMENT HISTORY

Report No.	Version	Description	Issued Date
2610025R.701	V1.0	Initial issue of report.	2026-01-17

TEST SUMMARY

Requirement – Test case	Basic standard(s)	Verdict	Remark
AC Power Line Conducted Emission	FCC CFR Title 47 Part 15 Subpart C Section 15.207	N/A	See Remark
Field Strength of Spurious	FCC CFR Title 47 Part 15 Subpart C Section 15.209 & 15.225(d)	PASS	Test data please refer to Appendix
Emission Bandwidth	FCC CFR Title 47 Part 15 Subpart C Section 15.215(c)	PASS	See Remark
Antenna Requirement	FCC CFR Title 47 Part 15 Subpart C Section 15.203	PASS	See Remark

Remark:

The EUT is powered by DC.

The entire device is based on the original model, with changes to the product materials; other RF circuits and the FCC ID remain unchanged. Therefore, new testing was only conducted for the Field Strength of Spurious. For the Emission Bandwidth and Antenna Requirement tests, please refer to the original certification report 2350237R-RF-US-P06V01.

USED EQUIPMENT

Radiated Emission(9KHz-1GHz) / AC2

Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Anechoic chamber	Quietek	9m*6m*6m	AC2	2024.07.07	2027.07.06
Loop Antenna	R&S	HFH2-Z2E	101149	2025.04.16	2026.04.15
EMI Test Receiver	R&S	ESCI	100573	2025.01.11	2026.01.10
Bilog Antenna	Teseq GmbH	CBL6112D	27611	2025.03.24	2026.03.23
Temperature/Humidity Meter	RTS	RTS-1909	THM-021	2025.04.30	2026.04.29
Dekra test software	Dekra	N/A	N/A	N/A	N/A

Radiated Test(1GHz-40GHz) / AC6

Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Anechoic chamber	Quietek	9m*5.5m*5.5m	AC6	2024.06.30	2027.06.29
Signal Analyzer	Agilent	N9010A	MY55370495	2025.09.14	2026.09.13
DRG Horn Antenna	RFSPIN	DRH18-E	CE2C07A18EN	2025.12.06	2026.12.05
Broad-Band Horn Antenna	SCHWARZBECK	BBHA 9170	750	2025.11.19	2026.11.18
Pre-Amplifier	Schwarzbeck	BBV 9721	'00114	2025.05.17	2026.05.16
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9168	1231	2025.05.28	2026.05.27
Temperature/Humidity Meter	RTS	RTS-8S	RF07	2025.06.17	2026.06.16
Temperature/Humidity Meter	RTS	RTS-8S	RF04	2025.06.17	2026.06.16
Pre-amplifier	Tonscend	TAP01008028	806JSAP041204251019	2025.05.17	2026.05.16
Pre-amplifier	Tonscend	TAP01018048S	806JSAP040204251009	2025.05.17	2026.05.16
Test Software	Tonscend	JS36	JS36-RSE	N/A	N/A

UNCERTAINTY

Uncertainties have been calculated according to the DEKRA internal document. The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%.

Test item	Uncertainty
AC Power Line Conducted Emission	± 2.0 dB
Radiated Emission(9KHz~30MHz)	Horizontal: 9KHz~30MHz: 2.1 dB Vertical: 30MHz~200MHz: 2.3 dB
Radiated Emission(30MHz~1GHz)	± 3.8 dB
Occupied Bandwidth	± 1.0 kHz

1 GENERAL INFORMATION

Product Name	Wireless Device Charger
Model No.	WDC
Trademark.	BCS
FCC ID	2AXPS-WDC
Manufacturer	BCS Automotive Interface Solutions (Suzhou) Co., Ltd
Manufacturer Address.....	No. 2052, Taidong Road Xiangcheng Economic Development District Suzhou, Jiangsu Province 215143 China
Power supply	DC: 13.5 Vdc
Wireless Specification	WPC
Operating Frequency Range.....	122.72~132.72kHz
Operating Frequency	127.7 kHz
Type of Modulation.....	ASK
Number of Channel	1
Antenna Type	Loop Antenna
Remark: As above information is provided and confirmed by the applicant. DEKRA is not liable to the accuracy, suitability, reliability or/and integrity of the information.	

2 DESCRIPTION OF TEST SETUP

Auxiliary equipment	Type / Version	Manufacturer	Supplied by
N/A	N/A	N/A	N/A
software	Type / Version	Manufacturer	Supplied by
N/A	N/A	N/A	N/A

3 VERDICT SUMMARY SECTION

This chapter presents an overview of standards and results. Refer to the next chapters for details of measured test results and applied test levels.

3.1 Standards

Standard	Year	Description
CFR 47, FCC Part 15 C	2024	Intentional Radiators
ANSI C63.10	2020	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices

4 TEST RESULTS

4.1 Field Strength of Spurious

VERDICT: PASS

4.1.1 Limit

Standard	FCC Part 15 Subpart C Paragraph 15.209		
Frequency (MHz)	Field strength (μV/m)	Field strength (dBμV/m)	Measurement distance (m)
0.009 - 0.49	2400/F(kHz)	48.5 – 13.8	300 _(Note 1)
0.49 - 1.705	24000/F(kHz)	33.8 - 23	30 _(Note 1)
1.705 - 30	30	29.5	30 _(Note 1)
30 - 88	100	40	3 _(Note 2)
88 - 216	150	43.5	3 _(Note 2)
216 - 960	200	46	3 _(Note 2)
Above 960	500	54	3 _(Note 2)

Note 1: The tighter limits apply at the band edges.

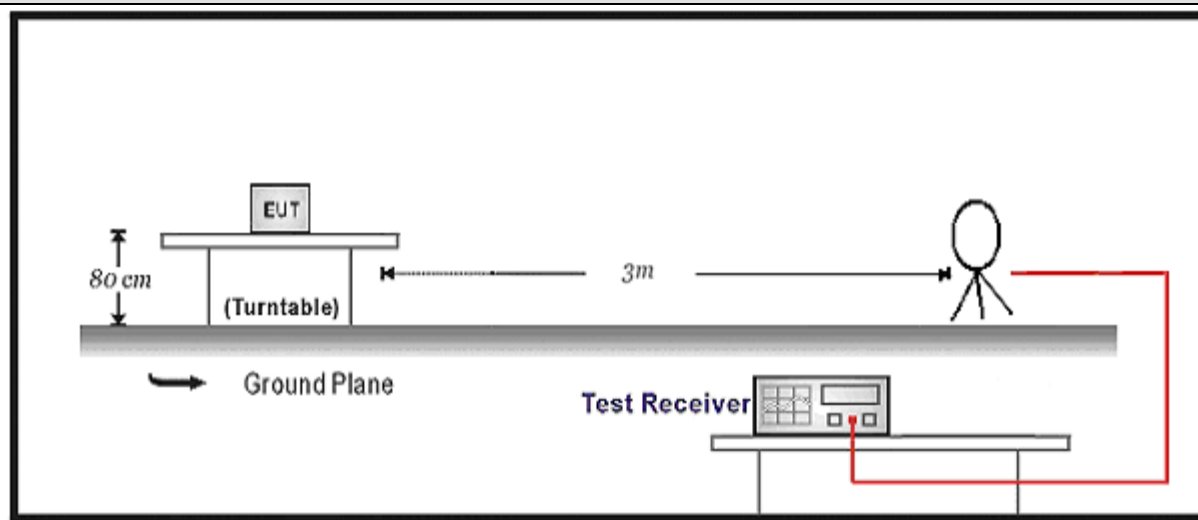
Note 2: Measurements were performed at 10m and the data was extrapolated to the specified measurement distance of 300m using the square of an inverse linear distance extrapolation factor (40 dB/decade) as specified in §15.31(f)(2).
Extrapolation Factor = $40 \log_{10}(300/10) = 59\text{dB}$ for example.

Measurements were performed at 10m and the data was extrapolated to the specified measurement distance of 30m using the square of an inverse linear distance extrapolation factor (40 dB/decade) as specified in §15.31(f)(2).
Extrapolation Factor = $40 \log_{10}(30/10) = 19\text{dB}$ for example.

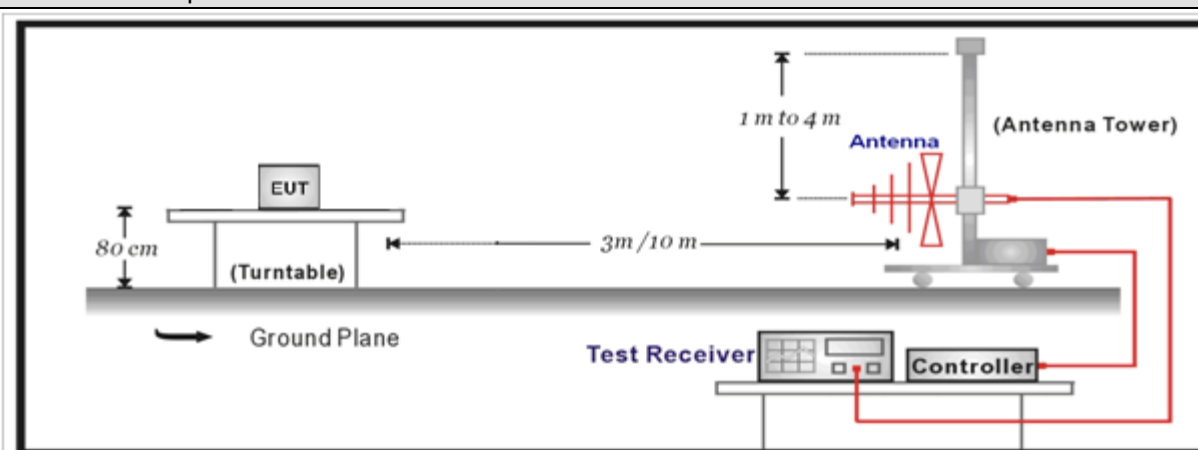
Note 3: All measurements were performed using a loop antenna. The antenna was positioned in three orthogonal positions (X front, Y side, Z top) and the position with the highest emission level was recorded.

4.1.2 Test Setup

Below 30MHz Test Setup:



30MHz-1GHz Test Setup:



4.1.3 Test Procedure

	References Rule	Chapter	Description
☒	ANSI C63.10	11.12	Emissions in restricted frequency bands
☒	ANSI C63.10	11.12.1	Radiated emission measurements
☒	ANSI C63.10	11.12.2.7	Radiated spurious emission test
☒	ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
☒	ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
☐	ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz

4.2 Antenna Requirement**VERDICT: PASS****4.2.1 Limit:**

Standard	FCC Part 15 Subpart C Paragraph 15.203
----------	--

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or any electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §15.211, §15.213, §15.217, §15.219, or §15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

4.2.2 Antenna Connector Construction:

- | | |
|-------------------------------------|---|
| ☒ | The use of a permanently attached antenna |
| ☐ | The antenna use of a unique coupling to the intentional radiator |
| ☐ | The use of a nonstandard antenna jack or any electrical connector |

Please refer to the attached document "Internal Photograph" to show the antenna connector.

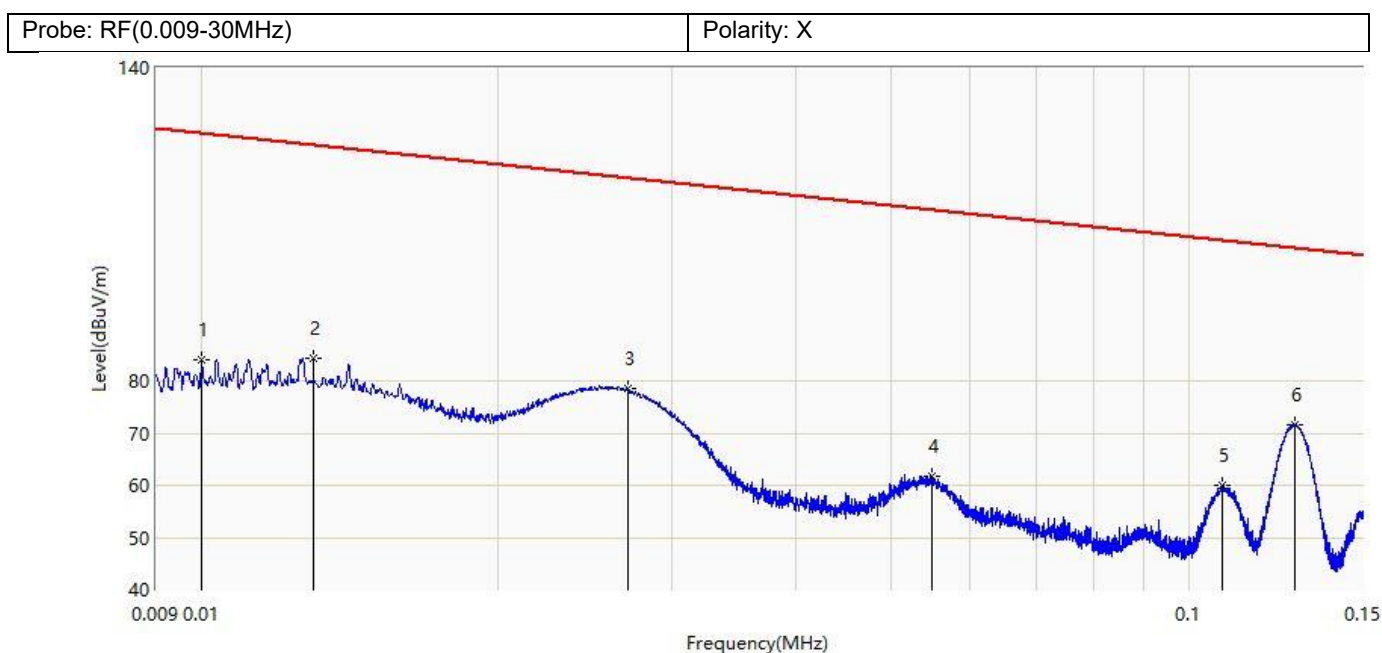
5 TEST SETUP PHOTO AND EUT PHOTO

Remark: The test setup photo and EUT Photo please see appendix.

Appendix

Field Strength of Spurious

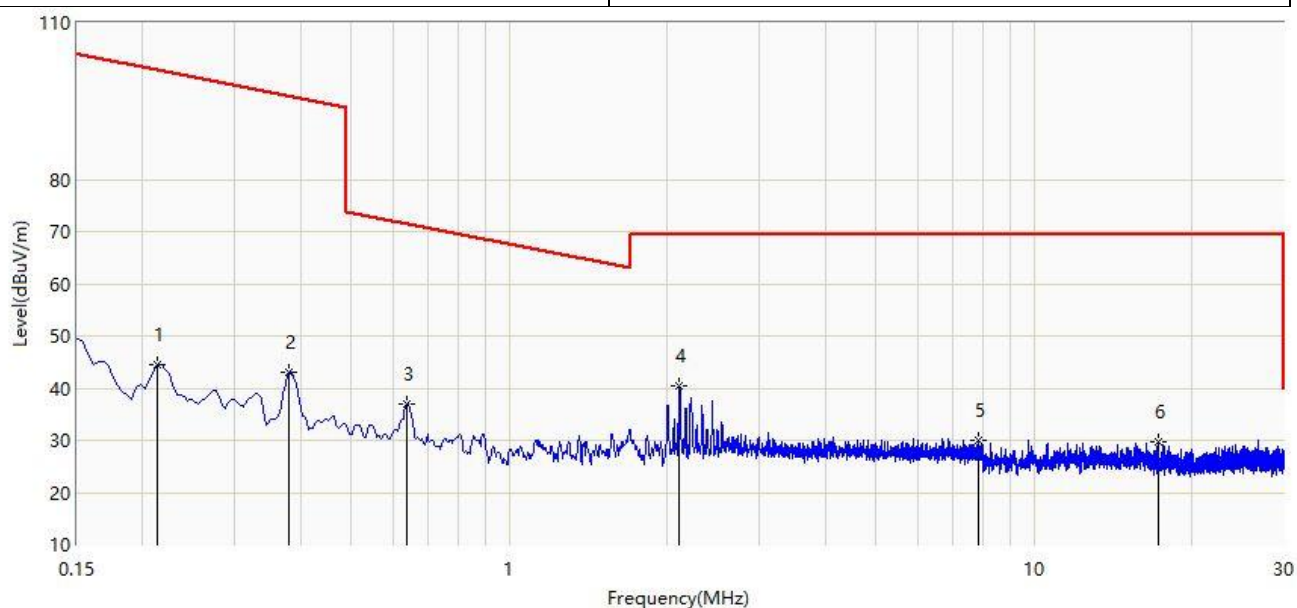
9kHz~30MHz:



N o	Mar k	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		0.010	83.959	62.897	-43.626	127.585	21.062	PK
2		0.013	84.439	63.283	-40.869	125.308	21.155	PK
3		0.027	78.667	57.077	-40.296	118.963	21.590	PK
4		0.055	61.621	39.676	-51.165	112.786	21.945	PK
5		0.108	60.133	38.249	-46.795	106.928	21.884	PK
6	*	0.128	71.554	49.692	-33.900	105.453	21.862	PK

Probe: RF(0.009-30MHz)

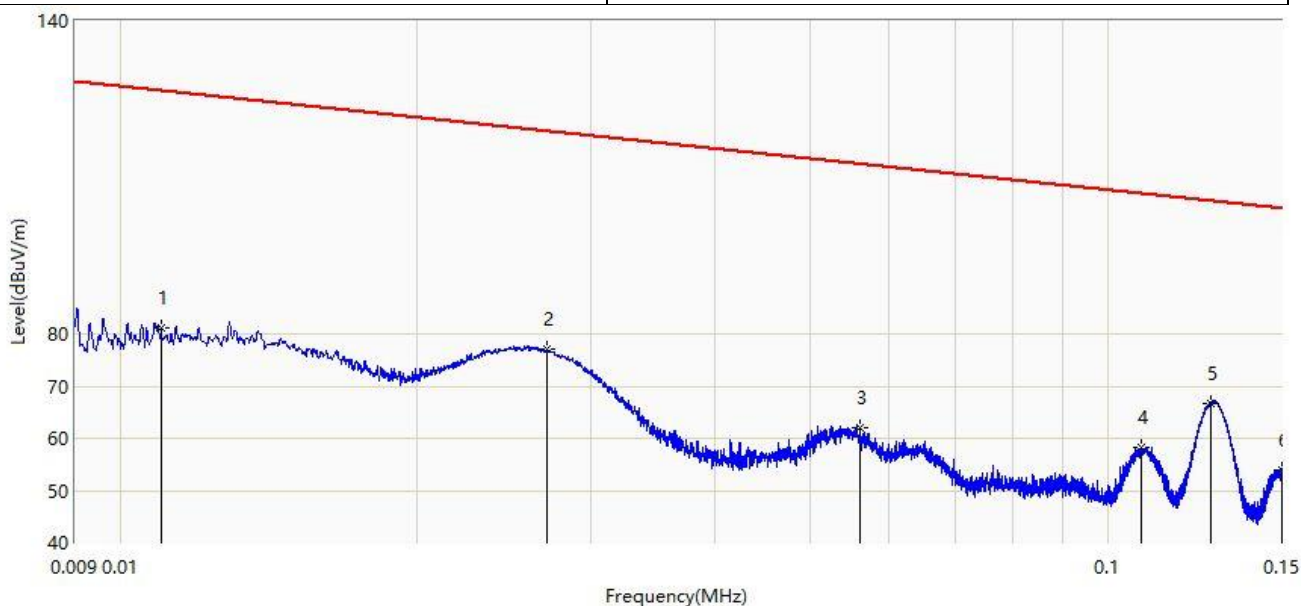
Polarity: X



N o	Mar k	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		0.213	44.361	22.579	-56.672	101.032	21.782	PK
2		0.381	43.156	21.555	-52.828	95.984	21.601	PK
3		0.639	36.999	15.947	-34.502	71.500	21.052	PK
4	*	2.113	40.566	19.637	-28.934	69.500	20.929	PK
5		7.848	29.933	9.350	-39.567	69.500	20.583	PK
6		17.336	29.786	8.981	-39.714	69.500	20.805	PK

Probe: RF(0.009-30MHz)

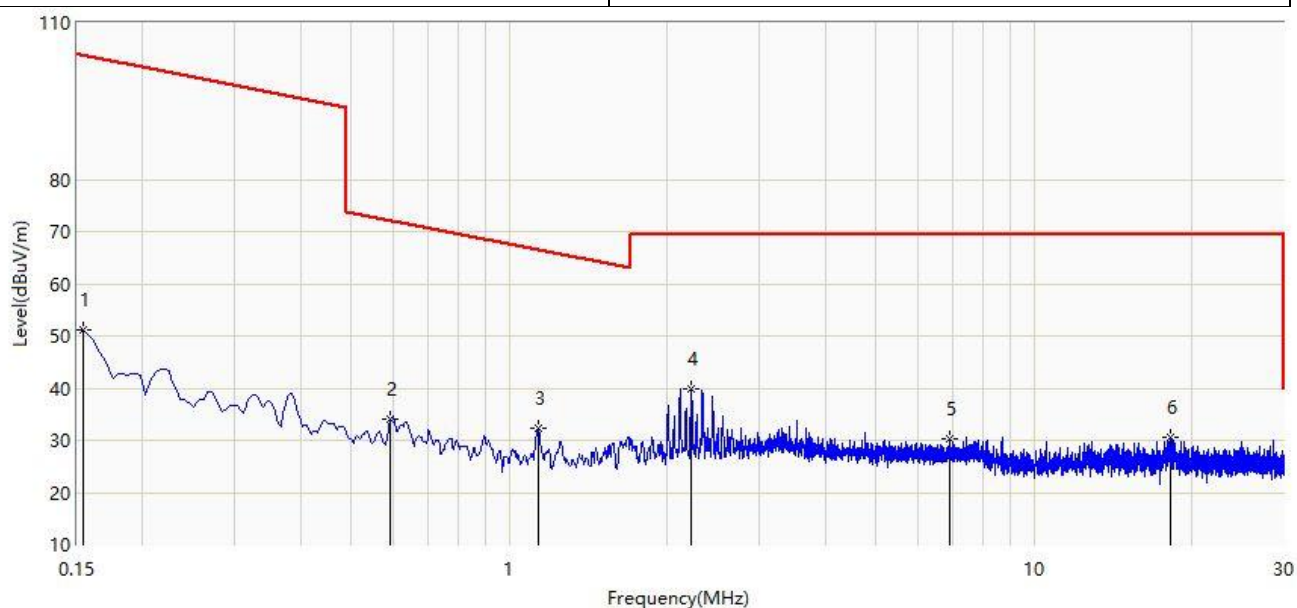
Polarity: Y



N o	Mar k	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		0.011	81.189	60.096	-45.568	126.758	21.094	PK
2		0.027	77.156	55.566	-41.807	118.963	21.590	PK
3		0.056	62.135	40.191	-50.495	112.630	21.944	PK
4		0.108	58.245	36.361	-48.683	106.928	21.884	PK
5	*	0.127	66.745	44.882	-38.777	105.521	21.863	PK
6		0.150	53.911	32.067	-50.166	104.076	21.844	PK

Probe: RF(0.009-30MHz)

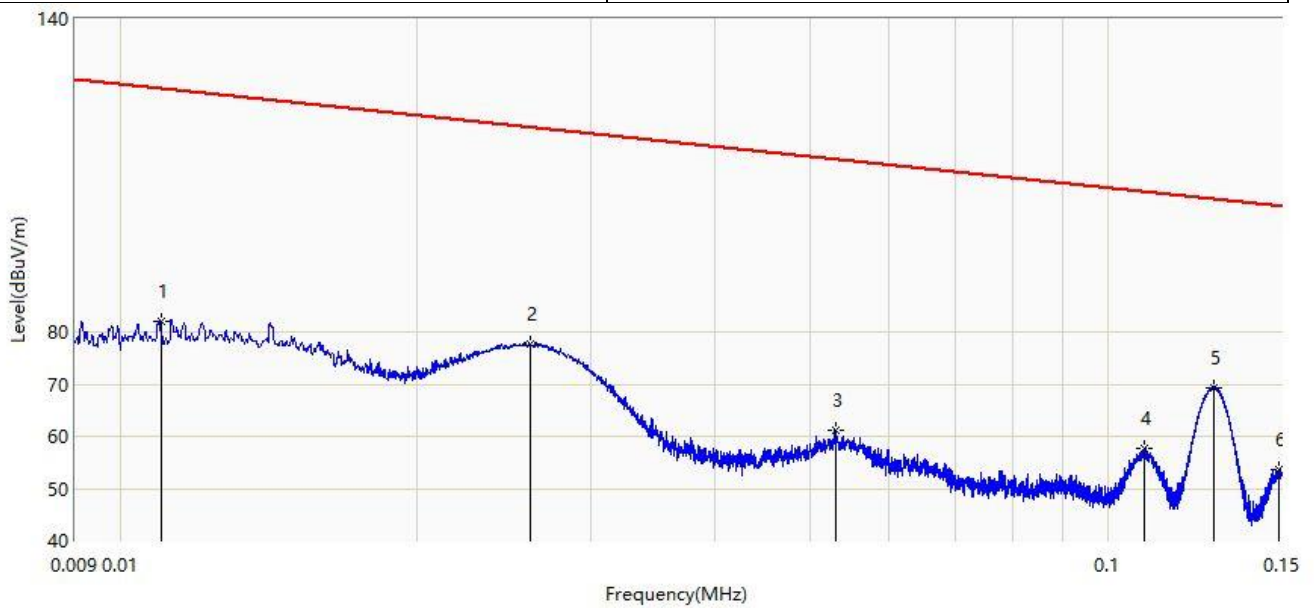
Polarity: Y



N o	Mar k	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		0.154	51.059	29.218	-52.789	103.848	21.841	PK
2		0.594	33.993	12.808	-38.140	72.133	21.185	PK
3		1.135	32.196	12.119	-34.328	66.525	20.077	PK
4	*	2.225	39.778	18.862	-29.722	69.500	20.916	PK
5		6.933	30.257	9.668	-39.243	69.500	20.589	PK
6		18.288	30.627	10.010	-38.873	69.500	20.617	PK

Probe: RF(0.009-30MHz)

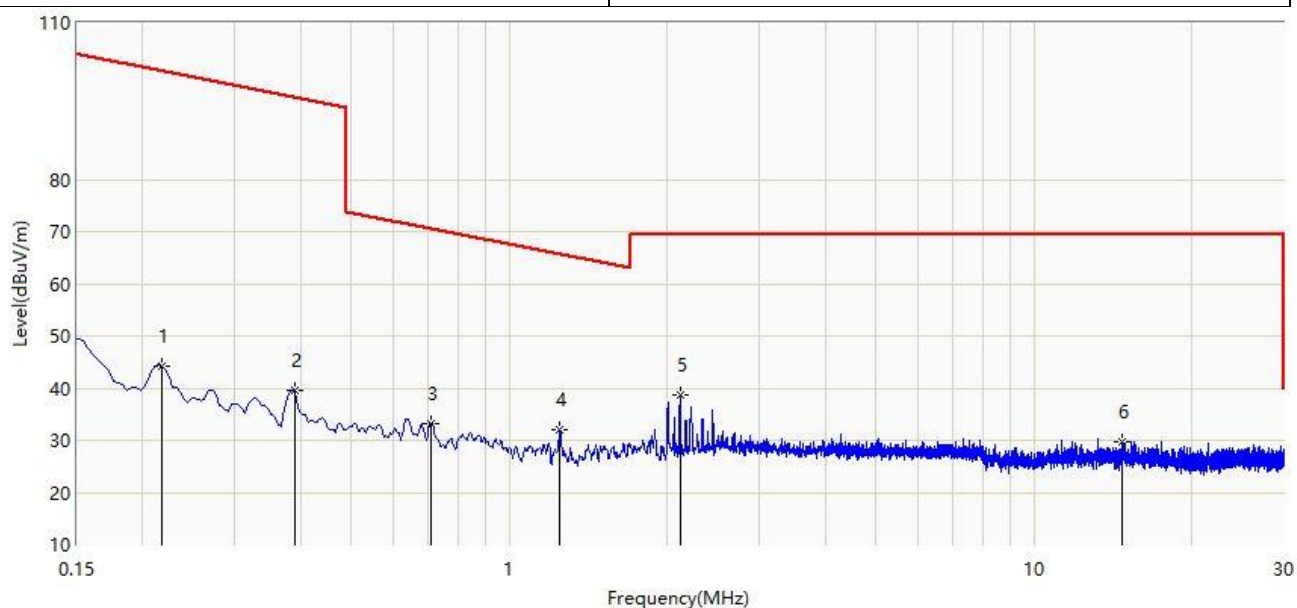
Polarity: Z



N o	Mar k	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		0.011	82.159	61.066	-44.598	126.758	21.094	PK
2		0.026	77.789	56.230	-41.501	119.290	21.559	PK
3		0.053	61.292	39.345	-51.816	113.108	21.947	PK
4		0.109	57.622	35.739	-49.226	106.848	21.883	PK
5	*	0.128	69.361	47.499	-36.093	105.453	21.862	PK
6		0.149	53.606	31.761	-50.529	104.135	21.845	PK

Probe: RF(0.009-30MHz)

Polarity:Z

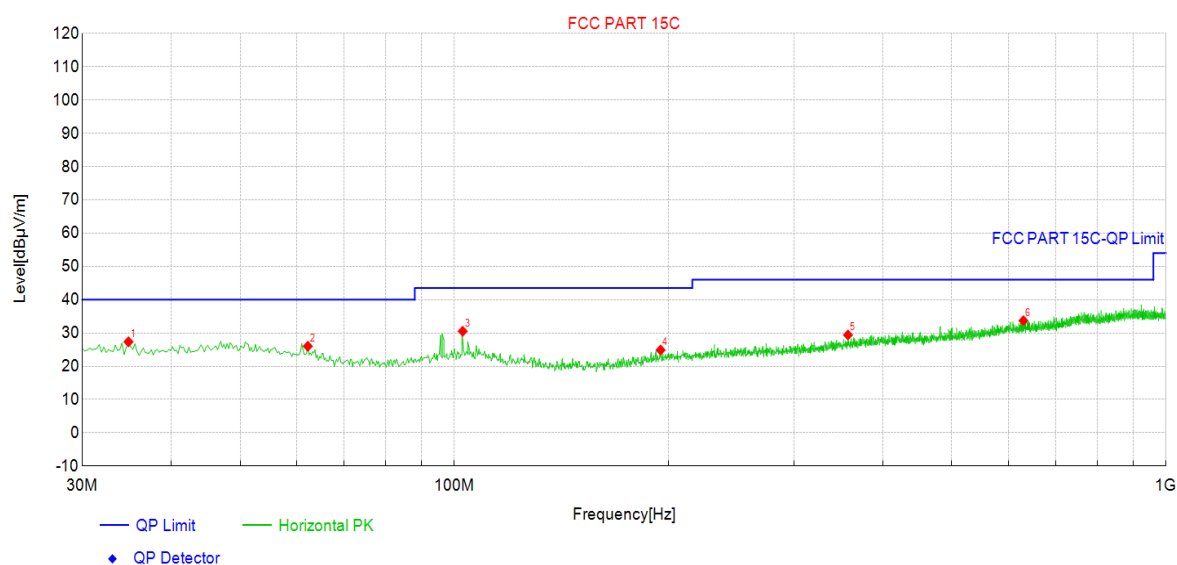


N o	Mar k	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		0.217	44.339	22.559	-56.532	100.871	21.780	PK
2		0.389	39.496	17.902	-56.308	95.804	21.594	PK
3		0.710	33.214	12.389	-37.374	70.588	20.824	PK
4		1.251	31.986	11.794	-33.696	65.682	20.191	PK
5	*	2.116	38.826	17.897	-30.674	69.500	20.929	PK
6		14.762	29.822	8.606	-39.678	69.500	21.216	PK

Note 1: Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

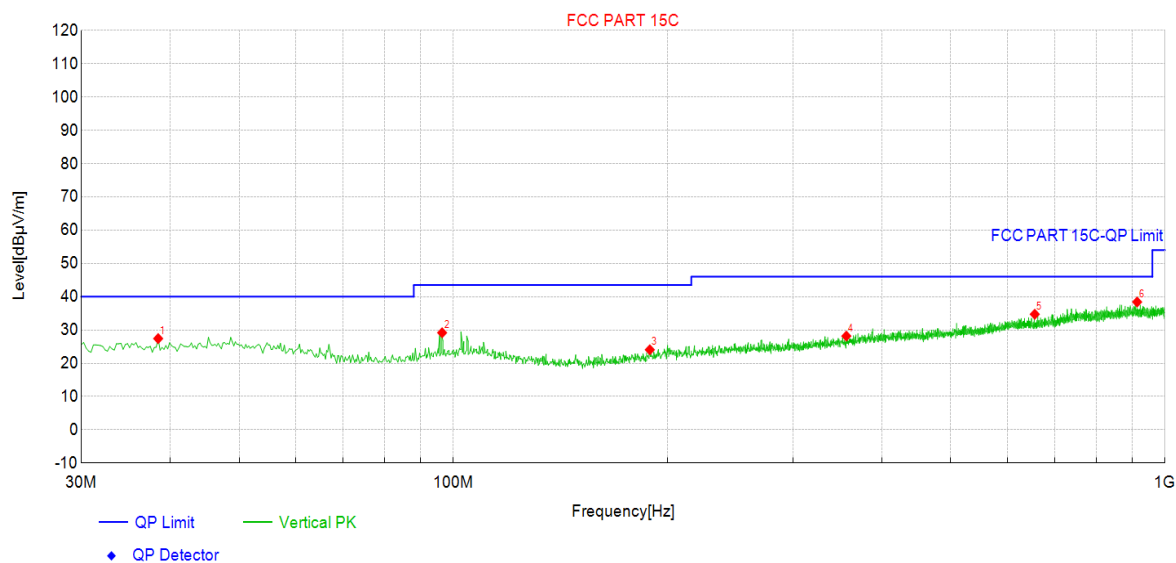
30MHz~1000GHz: Operating

Test Graph



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	34.85	14.3	27.35	13.060	40.00	12.65	PK	Horizo	PASS
2	62.25	13.8	26.01	12.190	40.00	13.99	PK	Horizo	PASS
3	102.75	18.1	30.52	12.460	43.50	12.98	PK	Horizo	PASS
4	194.90	13.4	24.88	11.480	43.50	18.62	PK	Horizo	PASS
5	357.38	13.9	29.39	15.490	46.00	16.61	PK	Horizo	PASS
6	630.43	13.8	33.70	19.920	46.00	12.30	PK	Horizo	PASS

Operating**Test Graph****Data List**

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	38.49	13.8	27.42	13.620	40.00	12.58	PK	Vertic	PASS
2	96.45	17.2	29.17	12.010	43.50	14.33	PK	Vertic	PASS
3	188.84	13.0	24.05	11.040	43.50	19.45	PK	Vertic	PASS
4	356.65	12.7	28.17	15.480	46.00	17.83	PK	Vertic	PASS
5	656.14	14.7	34.74	20.070	46.00	11.26	PK	Vertic	PASS
6	913.67	15.4	38.41	22.980	46.00	7.59	PK	Vertic	PASS

Note 1: Level = Reading + Factor(Probe+Cable-Amp).

The End