

EUROFINS ELECTRICAL TESTING SERVICE (SHENZHEN) CO., LTD.

RADIO TEST - REPORT

FCC & ISED Compliance Test Report for

Product name: Remote Controlled Wheel

Model name: W-9430

FCC ID: W3Z-W9430

IC: 6817C-W9430

Test Report Number: EFGX25120538-IE-01-E01

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1 General Information

1.1 Notes

The results of this test report relate exclusively to the item tested as specified in chapter "Description of test item" and are not transferable to any other test items.

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Operator

2026-03-09

Bruce Zheng / Project Engineer

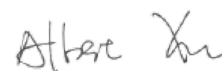


Date	Eurofins-Lab.	Name / Title	Signature
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Technical responsibility for area of testing:

2026-03-09

Albert Xu / EMC Manager



Date	Eurofins-Lab.	Name / Title	Signature
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1.2 Testing laboratory

EUROFINS ELECTRICAL TESTING SERVICE (SHENZHEN) CO., LTD.

Room 20 of 2/F., 1/F., Building 2, Spring Block & Room 102, Building 8, Autumn Block Meishenghuigu Innovation Park, No.83, Dabao Road, Bao'an District Shenzhen, Guangdong, People's Republic of China

Telephone : +86-755-82911867

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The Laboratory has passed the Accreditation by the American Association for Laboratory Accreditation (A2LA). The Accreditation number is 5376.01.

The Laboratory has been listed by industry Canada to perform electromagnetic emission measurements, The CAB identifier is CN0088.

1.3 Details of applicant

Name	:	Gatekeeper Systems (HK) Limited
Address	:	31/F, Tower 2, Times Square 1 Matheson Street, Causeway Bay Hong Kong
Telephone	:	./.
Fax	:	./.

1.4 Details of manufacturer

Name	:	Gatekeeper Systems (HK) Limited
Address	:	31/F, Tower 2, Times Square 1 Matheson Street, Causeway Bay Hong Kong
Telephone	:	./.
Fax	:	./.

1.5 Application details

Date of receipt of application : 2025-12-26
Date of receipt of test item : 2025-12-26
Date of test : 2025-12-26 to 2026-03-05
Date of issue : 2026-03-09

1.6 Test item

Product type : Remote Controlled Wheel
Model name : W-9430
Brand name : Gatekeeper Systems
Technical Description : DC 3.6V
Sample Code : 251230-32-001

RadioTechnical data

Fundamental frequency : 2401.4 – 2451.8MHz
Modulation : FSK
Antenna type : Internal antenna
MaxGain : 0 dBi

(General disclaimer:

The above sample(s) and sample information was/were submitted and identified on behalf of the applicant.

Eurofins assures objectivity and impartiality of the test, and fulfills the obligation of confidentiality for applicant's commercial information and technical documents.)

1.7 Test standards

FCC Part 15 Subpart C	PART 15 – RADIO FREQUENCY DEVICES Subpart C – Intentional Radiators
RSS-210 Issue 11	Licence-Exempt Radio Apparatus: Category I Equipment
RSS-GEN Issue 5	General Requirements for Compliance of Radio Apparatus

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2 Technical Test

2.1 Summary of test results

No deviations from the technical specification(s) were ascertained in the course of the tests performed.



or

The deviations as specified were ascertained in the course of the tests performed.



2.2 Test environment

Ac line conducted

Environment Parameter	Temperature °C	Relative Humidity
101.7 kPa	24.2	63.5%

RF Conducted

Environment Parameter	Temperature °C	Relative Humidity
101.7 kPa	24.3	61.7%

Radiated

Environment Parameter	Temperature °C	Relative Humidity
101.7 kPa	22.2	62.4%

2.3 Measurement uncertainty

The uncertainty is calculated using the methods suggested in the "Guide to the Expression of Uncertainty in Measurement" (GUM) published by ISO.

System Measurement Uncertainty	
Test Items	Extended Uncertainty
Uncertainty in conducted measurements	1.96dB
Uncertainty for Conducted RF test	RF Power Conducted: 1.16dB Frequency test involved: 1.05×10 ⁻⁷ or 1%
Uncertainty for Radiated Emission 9KHz-30MHz	4.56dB
Uncertainty for Radiated Spurious Emission 30MHz-1000MHz	Horizontal: 4.46dB; Vertical: 4.54dB;
Uncertainty for Radiated Spurious Emission 1000MHz-18000MHz	Horizontal: 4.42dB; Vertical: 4.41dB;
Uncertainty for Radiated Spurious Emission 18000MHz-40000MHz	Horizontal: 4.63dB; Vertical: 4.62dB;

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2.4 Test equipment utilized

EQUIPMENT ID	EQUIPMENT NAME	MODEL NO.	CAL. DUE DATE
23-2-13-05	EMI Test Receiver	ESR3	2026-03-25
23-2-13-06	LISN	NNLK 8127 RC	2026-03-25
23-2-10-16	Attenuator	VTSD 9561-F	2026-03-25
23-2-13-12	Signal Analyzer	N9010B-544	2026-03-25
23-2-13-13	BT/WLAN Tester	CMW270	2026-03-25
23-2-13-14	Signal Generator	N5183B-520	2026-03-25
23-2-13-15	Vector Signal Generator	N5182B-506	2026-03-25
23-2-10-44	DC power supply	E3642A	2026-03-25
23-2-10-45	Temperature test chamber	SG-80-CC-2	2026-03-25
23-2-13-01	EMI Test Receiver	ESR7	2026-03-25
23-2-13-02	Signal Analyzer	N9020B-544	2026-03-25
23-2-12-01	Active Loop Antenna	FMZB 1519B	2025-05-29
23-2-12-02	TRILOG Broadband Antenna	VULB9168	2026-06-02
23-2-12-03	Horn Antenna	3117	2026-06-02
23-2-12-04	Horn Antenna	BBHA 9170	2026-05-29
23-2-10-01	Preamplifier	BBV9745	2026-03-25
23-2-10-02	Preamplifier	TAP01018048	2026-03-25
23-2-10-03	Preamplifier	TAP18040048	2026-03-25
23-2-10-14	Switch and Control Unit	ERIT-E-JS0806-SF1	N/A
23-2-13-03	EMI Test Receiver	ESR7	2026-03-25
23-2-13-04	Signal Analyzer	N9020B-526	2026-03-25
23-2-12-06	Active Loop Antenna	FMZB 1519B	2026-03-25
23-2-12-07	TRILOG Broadband Antenna	VULB9168	2026-05-08
23-2-12-08	Horn Antenna	3117	2026-05-08
23-2-10-46	Preamplifier	BBV9745	2026-03-25
23-2-10-47	Preamplifier	TAP01018048	2026-03-25
23-2-10-15	Switch and Control Unit	ERIT-E-JS0806-SF1	N/A

2.5 Test mode

Measure using fixed-frequency mode.

Channel	Frequency (MHz)
2	2401.4
126	2426.2
254	2451.8

Channel List

Channel	Fre (MHz)	Channel	Fre (MHz)	Channel	Fre (MHz)	Channel	Fre (MHz)
2	2401.4	31	2407.2	60	2413	89	2418.8
3	2401.6	32	2407.4	61	2413.2	90	2419
4	2401.8	33	2407.6	62	2413.4	91	2419.2
5	2402	34	2407.8	63	2413.6	92	2419.4

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6	2402.2	35	2408	64	2413.8	93	2419.6
7	2402.4	36	2408.2	65	2414	94	2419.8
8	2402.6	37	2408.4	66	2414.2	95	2420
9	2402.8	38	2408.6	67	2414.4	96	2420.2
10	2403	39	2408.8	68	2414.6	97	2420.4
11	2403.2	40	2409	69	2414.8	98	2420.6
12	2403.4	41	2409.2	70	2415	99	2420.8
13	2403.6	42	2409.4	71	2415.2	...	...
14	2403.8	43	2409.6	72	2415.4	...	...
15	2404	44	2409.8	73	2415.6	...	...
16	2404.2	45	2410	74	2415.8	240	2449
17	2404.4	46	2410.2	75	2416	241	2449.2
18	2404.6	47	2410.4	76	2416.2	242	2449.4
19	2404.8	48	2410.6	77	2416.4	243	2449.6
20	2405	49	2410.8	78	2416.6	244	2449.8
21	2405.2	50	2411	79	2416.8	245	2450
22	2405.4	51	2411.2	80	2417	246	2450.2
23	2405.6	52	2411.4	81	2417.2	247	2450.4
24	2405.8	53	2411.6	82	2417.4	248	2450.6
25	2406	54	2411.8	83	2417.6	249	2450.8
26	2406.2	55	2412	84	2417.8	250	2451
27	2406.4	56	2412.2	85	2418	251	2451.2
28	2406.6	57	2412.4	86	2418.2	252	2451.4
29	2406.8	58	2412.6	87	2418.4	253	2451.6
30	2407	59	2412.8	88	2418.6	254	2451.8

2.6 Auxiliary equipment used during test

N/A

2.7 Test software information

The test samples have been burned with the test mode firmware and start TX transmitting with modulation mode via the remote control.

2.8 Test results

☒ 1st test

☐ test after modification

☐ production test

FCC rule section(s)	ISED rule section(s)		Test Result	Verdict
§15.207	RSS-GEN 8.8	AC power-line conducted emissions	N.A	N.A
§15.215(c)(1)	--	20dB bandwidth	Appendix A	Pass
--	RSS-GEN 6.7	Occupied bandwidth	Appendix A	Pass
§15.249(a)&(d)&§15.209 & §15.205	RSS-GEN 6.13 RSS-210 B.10	Radiated emission	Appendix B	Pass
§15.203	RSS-GEN 6.8	Antenna requirement	See note 1	Pass

Note 1: The EUT incorporates PCB antenna with a maximum gain of 0 dBi. The antenna is permanently soldered to the PCB and is not user-replaceable. This design satisfies FCC §15.203 (prohibiting user-replaceable antennas) and ISED RSS-GEN Section 6.8 (antenna gain $\leq$ 6 dBi).

3 Test Requirements

3.1 AC power-line conducted emissions

3.1.1 Limits

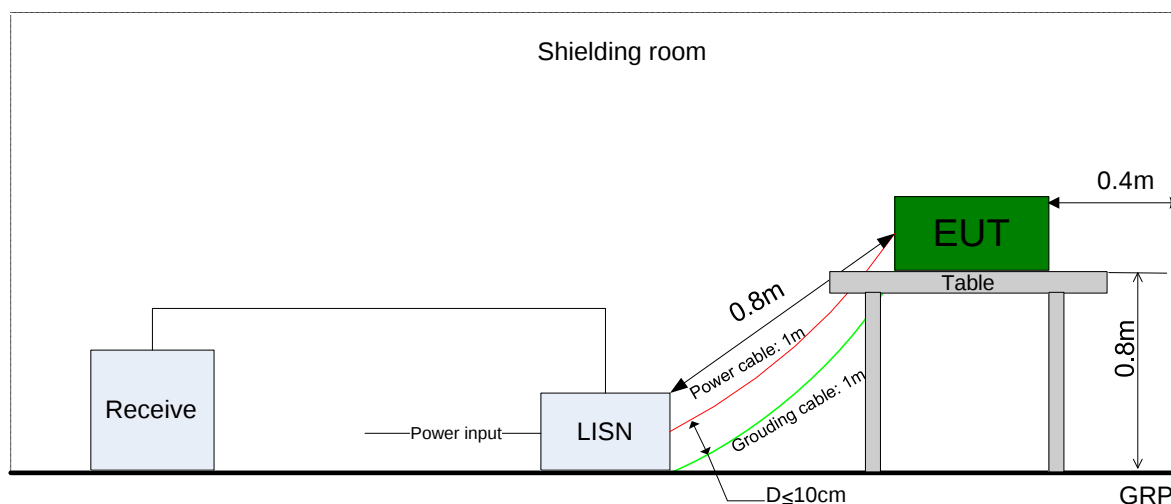
Frequency (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56 ¹	56 to 46 ¹
0.5 - 5	56	46
5 - 30	60	50

Note 1: The level decreases linearly with the logarithm of the frequency.

3.1.2 Measurement procedure

Clause 6.2 of *ANSI C63.10-2020*.

3.1.3 Setup



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3.2 Occupied bandwidth and 20 dB bandwidth

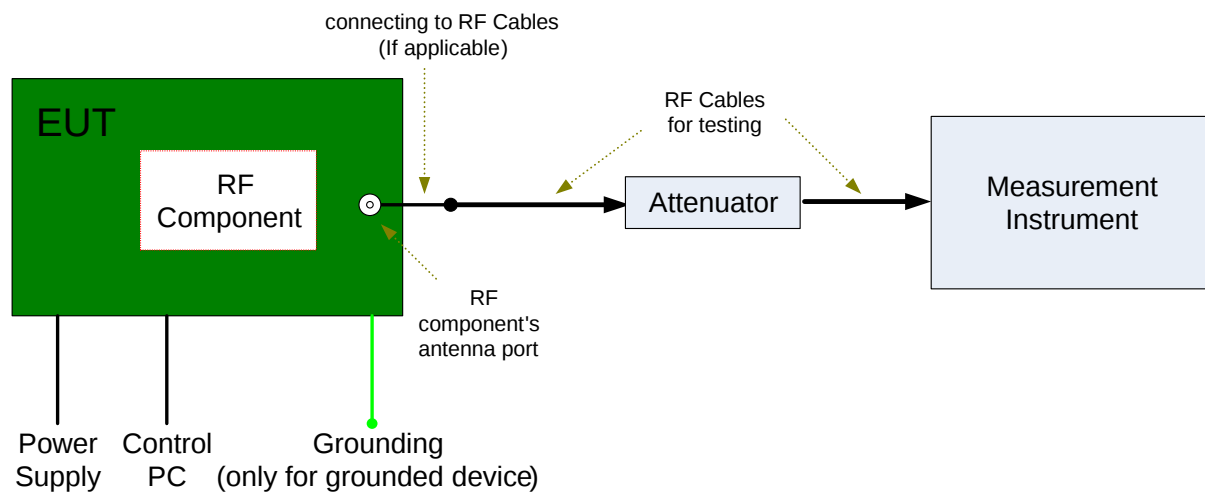
3.2.1 Limits

None; for reporting purposes only.

3.2.2 Measurement procedure

Clause 6.9 of *ANSI C63.10-2020*.

3.2.3 Setup



3.3 Radiated emissions

3.3.1 Limits

Fundamental frequency (MHz)	Field strength of fundamental (millivolts/meter)	Field strength of harmonics (microvolts/meter)
902-928	50	500
2400-2483.5	50	500
5725-5875	50	500
24000-24250	250	500

Field strength limits are specified at a distance of 3 meters.

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the emission limits in the following table, whichever requires the lesser attenuation.

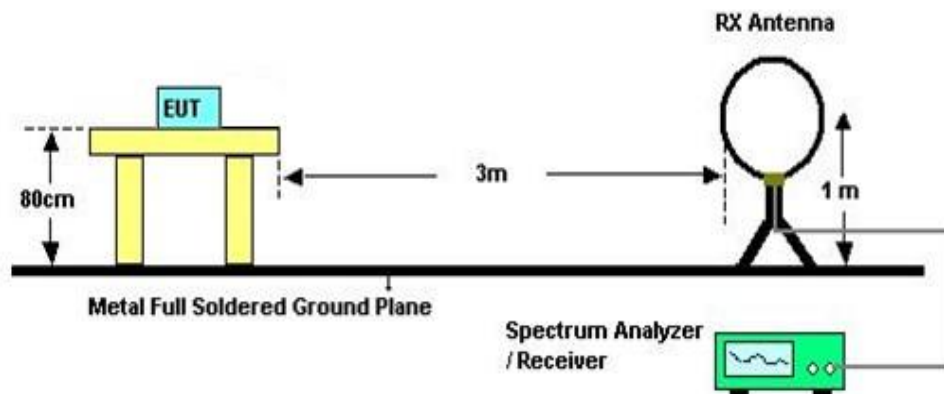
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	$2400/F(\text{kHz})$	300
0.490-1.705	$24000/F(\text{kHz})$	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

3.3.2 Measurement procedure

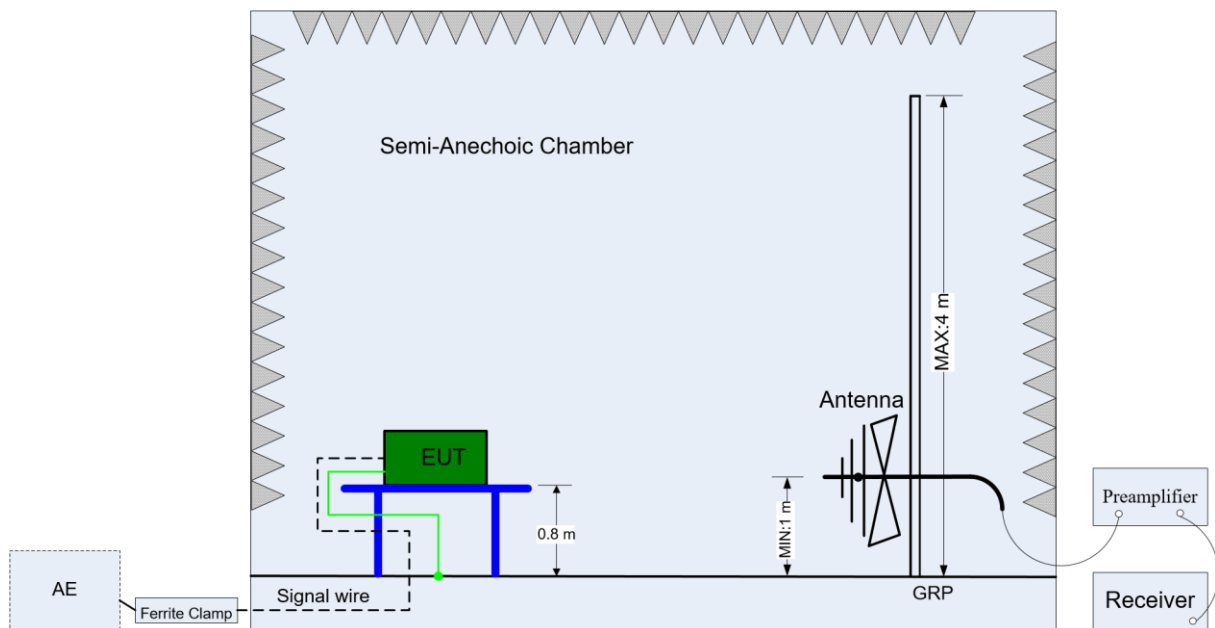
Clause 4.1.5; 5.2; 5.3; 6.3; 6.4; 6.5; 6.6 of ANSI C63.10-2020.

3.3.3 Setup

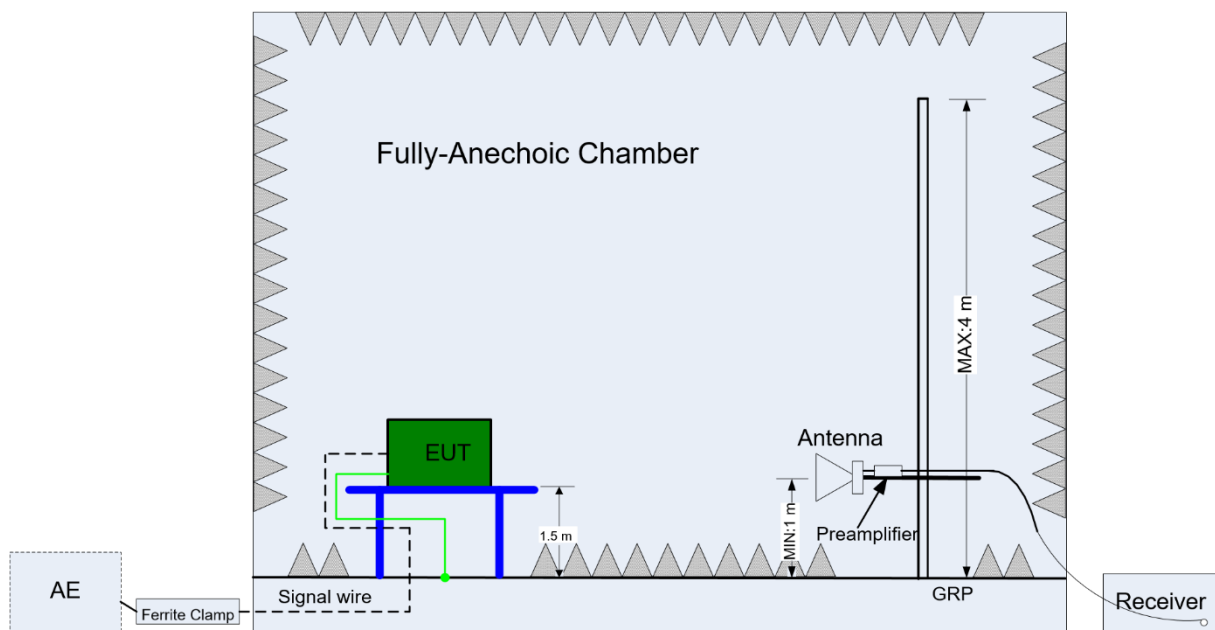
Below 30MHz



Below 1GHz



Above 1GHz



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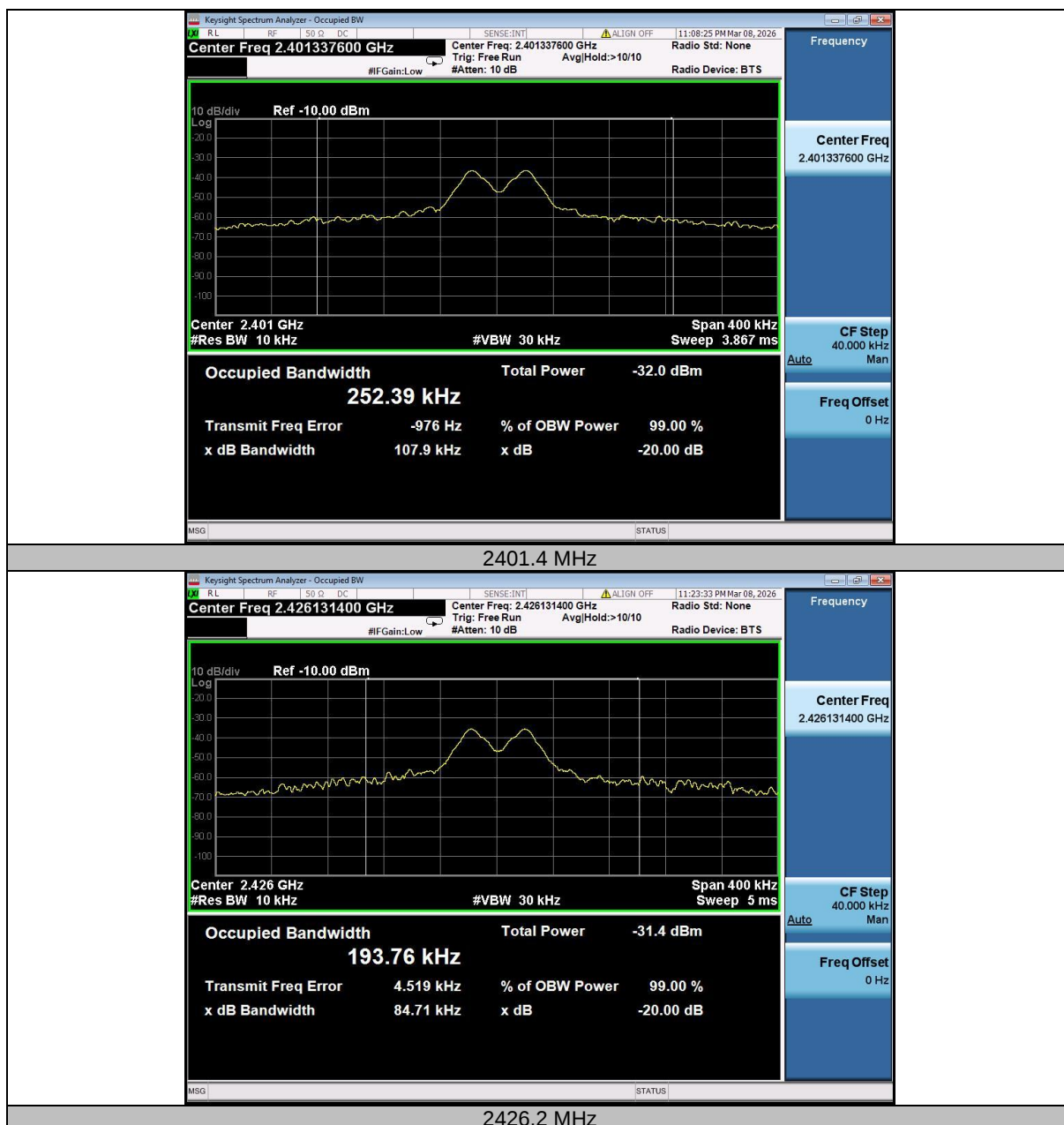
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Appendix A: Occupied Channel Bandwidth

Test Result

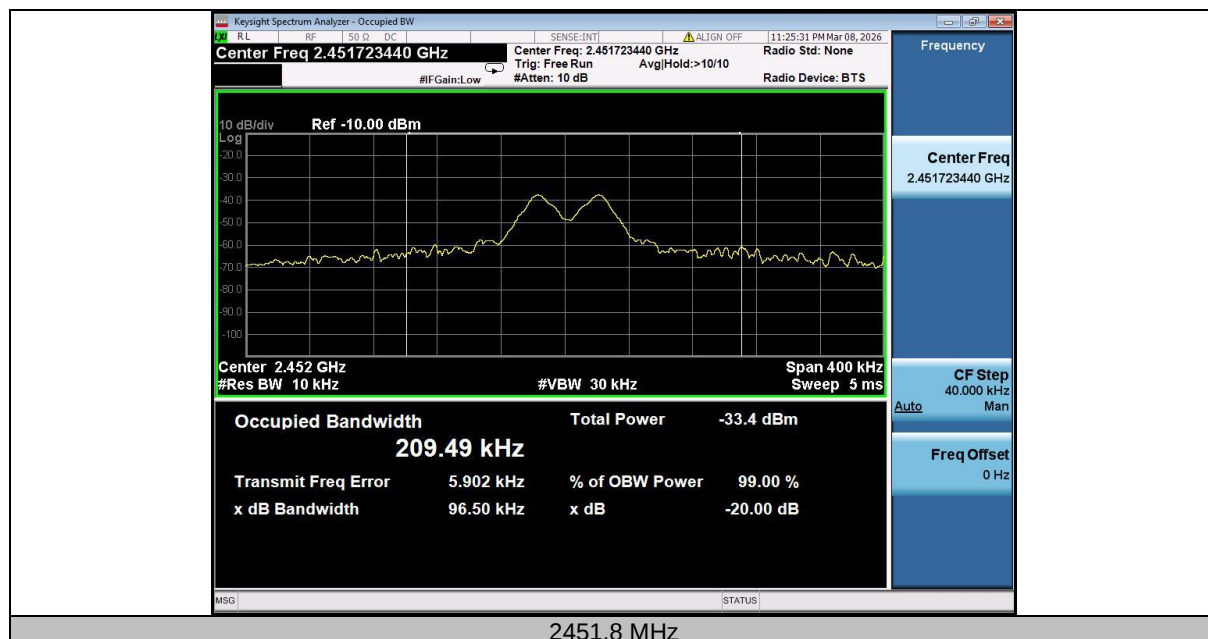
Channel Frequency[MHz]	20dB EBW[KHz]	99% EBW[KHz]
2401.4	107.9	252.39
2426.2	84.71	193.76
2451.8	96.50	209.49

Test Graphs



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Appendix B: Radiated emission

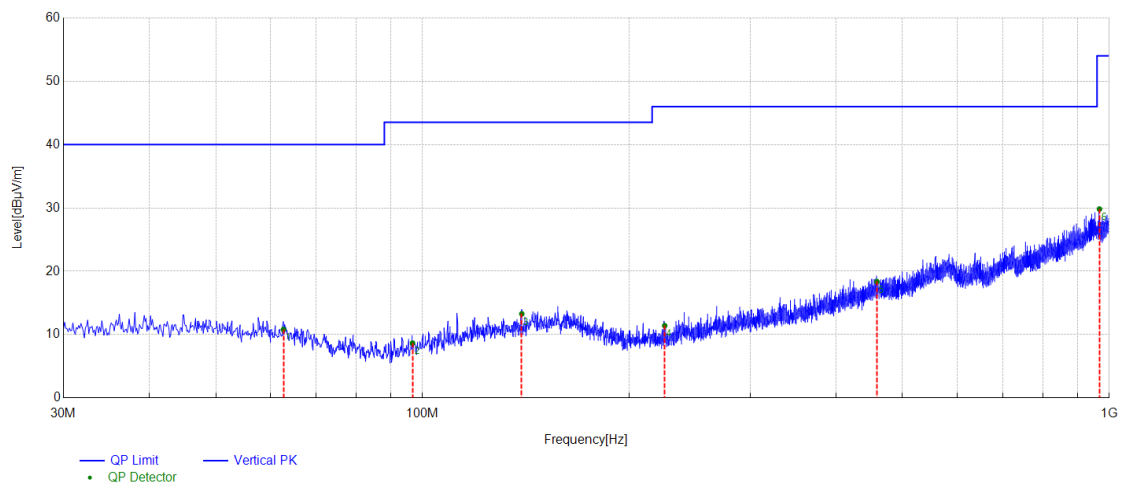
The report only records the worst-case emission levels.

he low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is 20 dB lower than the limit line is not reported.

During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes with all channels. The test data of the worst-case (2401.4MHz) condition was recorded in this report. The measurement results above 18GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz are reported.

For radiated emissions at frequencies above 1 GHz, per ANSI C63.10-2020, Section 6.6.4.3, Note 1, if the peak measured value complies with the average limit, an average measurement is not required. Therefore, for frequencies where the peak result complies with the average limit, average (AV) emission values may be omitted from the table below.

Mode:	Tx	Channel:	2401.4MHz
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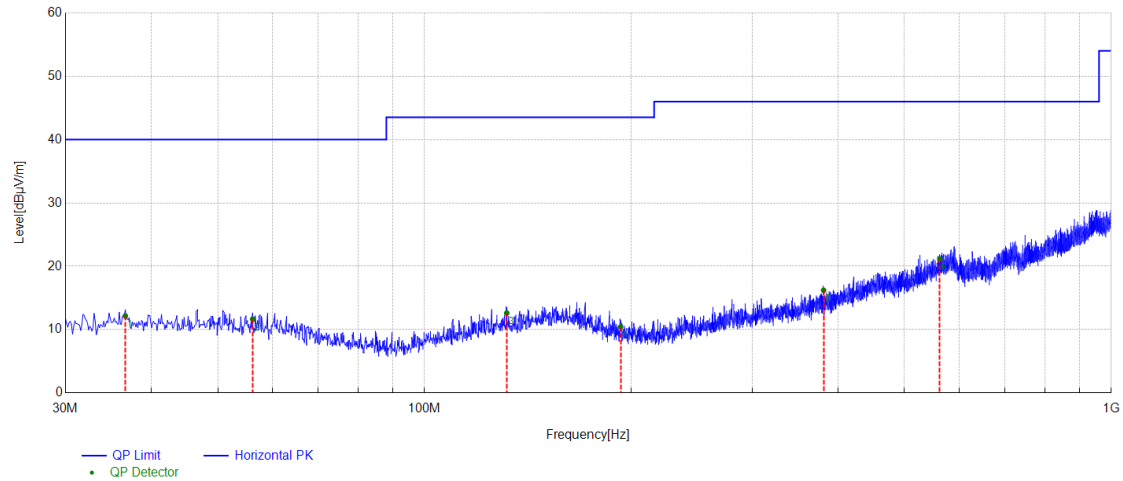


Final Data List									
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Mar- gin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	62.7375	-17.33	10.82	40.00	29.18	100	254	Vertical	PASS
2	96.6875	-19.97	8.66	43.50	34.84	100	230	Vertical	PASS
3	139.4888	-16.50	13.29	43.50	30.21	100	58	Vertical	PASS
4	225.2125	-19.15	11.43	46.00	34.57	100	52	Vertical	PASS
5	458.8612	-11.50	18.37	46.00	27.63	100	136	Vertical	PASS
6	967.6262	-1.58	29.82	54.00	24.18	100	248	Vertical	PASS

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Mode:	Tx	Channel:	2401.4MHz
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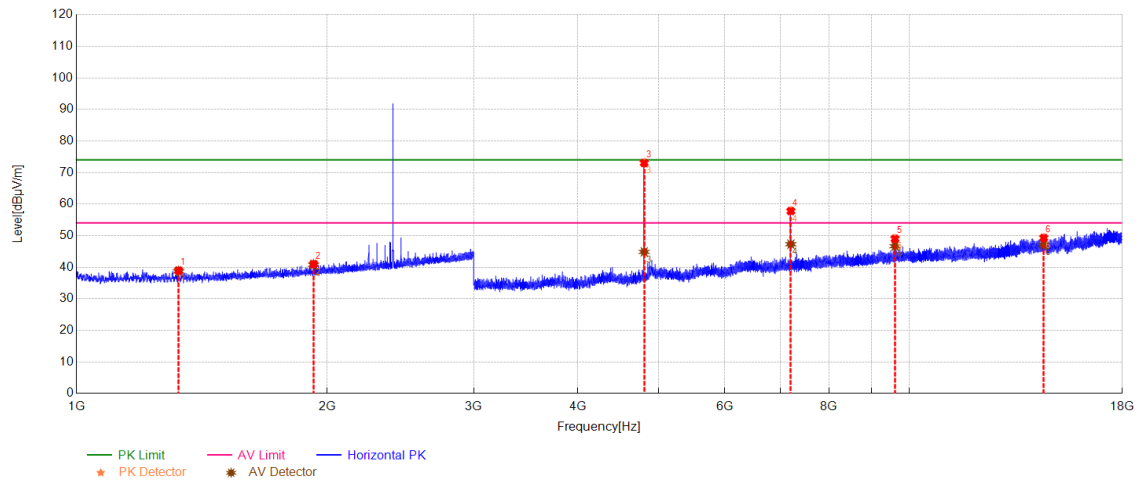
Final Data List									
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	36.6688	-16.09	12.17	40.00	27.83	100	169	Horizontal	PASS
2	56.1900	-16.56	11.66	40.00	28.34	100	348	Horizontal	PASS
3	131.7288	-16.93	12.62	43.50	30.88	100	290	Horizontal	PASS
4	193.0812	-18.79	10.45	43.50	33.05	100	66	Horizontal	PASS
5	381.1400	-13.85	16.22	46.00	29.78	100	190	Horizontal	PASS
6	562.8938	-9.62	21.16	46.00	24.84	100	102	Horizontal	PASS

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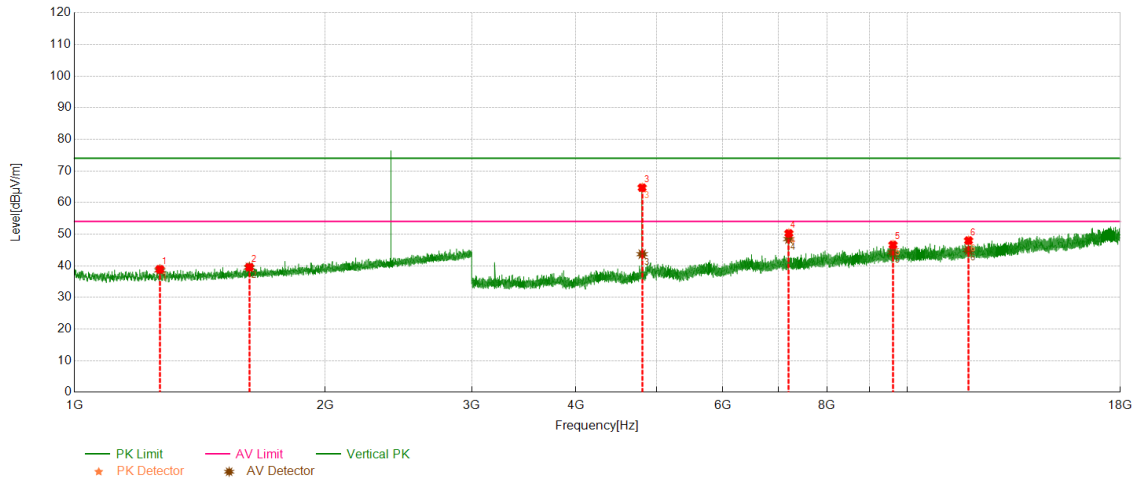
RE Above 1GHz

Mode:	Tx	Channel:	2401.4MHz
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Final Data List														
NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1326.6000	-0.48	39.42	38.94	74.00	35.06	39.12	38.64	54.00	15.36	150	69	Horizontal	PASS
2	1926.4000	1.43	39.55	40.98	74.00	33.02	39.32	40.75	54.00	13.25	150	98	Horizontal	PASS
3	4803.0000	-14.58	87.62	73.04	74.00	0.96	59.42	44.84	54.00	9.16	150	196	Horizontal	PASS
4	7203.5000	-9.60	67.4	57.80	74.00	16.20	56.89	47.29	54.00	6.71	150	258	Horizontal	PASS
5	9605.5000	-5.08	54.1	49.02	74.00	24.98	51.72	46.64	54.00	7.36	150	157	Horizontal	PASS
6	14490.5000	1.41	47.88	49.29	74.00	24.71	45.67	47.08	54.00	6.92	150	12	Horizontal	PASS

Mode:	Tx	Channel:	2401.4MHz
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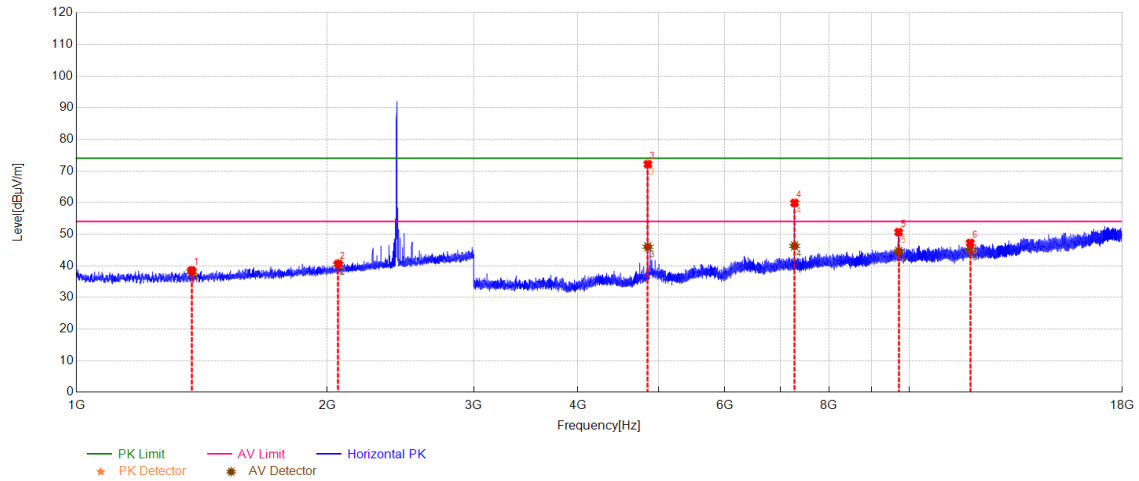


Final Data List														
NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1266.6000	-0.45	39.34	38.89	74.00	35.11	38.99	38.54	54.00	15.46	150	282	Vertical	PASS
2	1621.8000	0.33	39.24	39.57	74.00	34.43	39.10	39.43	54.00	14.57	150	12	Vertical	PASS
3	4802.5000	-14.61	79.3	64.69	74.00	9.31	58.27	43.66	54.00	10.34	150	208	Vertical	PASS
4	7203.5000	-9.60	59.84	50.24	74.00	23.76	58.04	48.44	54.00	5.56	150	356	Vertical	PASS
5	9605.5000	-5.08	51.69	46.61	74.00	27.39	49.32	44.24	54.00	9.76	150	216	Vertical	PASS
6	11836.5000	-1.83	49.79	47.96	74.00	26.04	46.74	44.91	54.00	9.09	150	170	Vertical	PASS

Test Report No.: EFGX25120538-IE-01-E01

EUROFINS ELECTRICAL TESTING SERVICE (SHENZHEN) CO., LTD.
Room 20 of 2/F., 1/F., Building 2, Spring Block & Room 102, Building 8, Autumn Block Meishenghuigu Innovation Park, No.83, Dabao Road, Bao'an District Shenzhen, Guangdong, People's Republic of China

Mode:	Tx	Channel:	2426.2MHz
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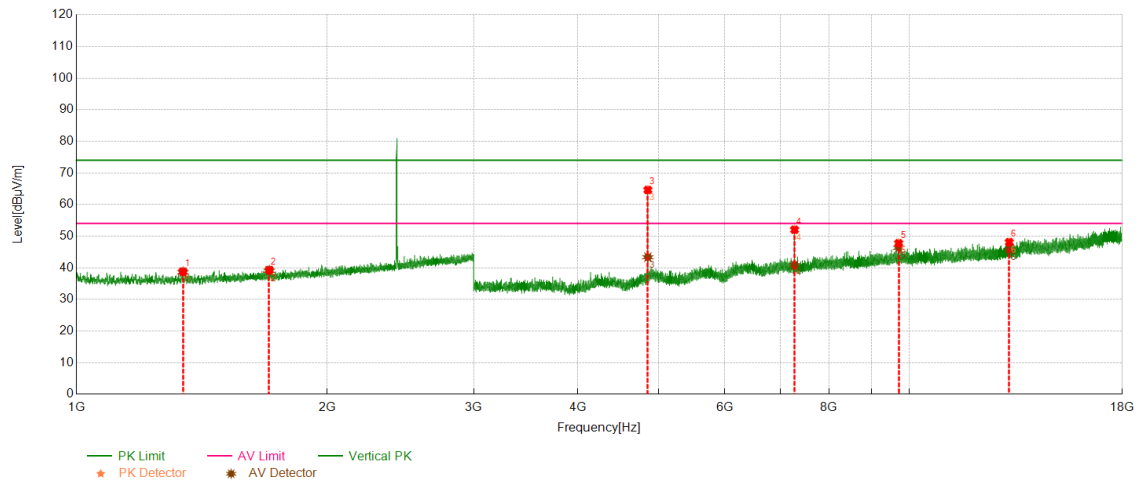
Final Data List

NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1375.2000	-0.35	38.88	38.53	74.00	35.47	38.39	38.04	54.00	15.96	150	112	Horizontal	PASS
2	2062.4000	1.85	38.73	40.58	74.00	33.42	38.55	40.40	54.00	13.60	150	320	Horizontal	PASS
3	4852.0000	-14.69	86.82	72.13	74.00	1.87	60.69	46.00	54.00	8.00	150	82	Horizontal	PASS
4	7278.0000	-9.80	69.66	59.86	74.00	14.14	56.06	46.26	54.00	7.74	150	28	Horizontal	PASS
5	9704.0000	-4.60	55.23	50.63	74.00	23.37	49.14	44.54	54.00	9.46	150	127	Horizontal	PASS
6	11825.0000	-1.55	48.77	47.22	74.00	26.78	46.48	44.93	54.00	9.07	150	36	Horizontal	PASS

Test Report No.: EFGX25120538-IE-01-E01

EUROFINS ELECTRICAL TESTING SERVICE (SHENZHEN) CO., LTD.
 Room 20 of 2/F., 1/F., Building 2, Spring Block & Room 102, Building 8, Autumn Block Meishenghuigu Innovation Park, No.83,
 Dabao Road, Bao'an District Shenzhen, Guangdong, People's Republic of China

Mode:	Tx	Channel:	2426.2MHz
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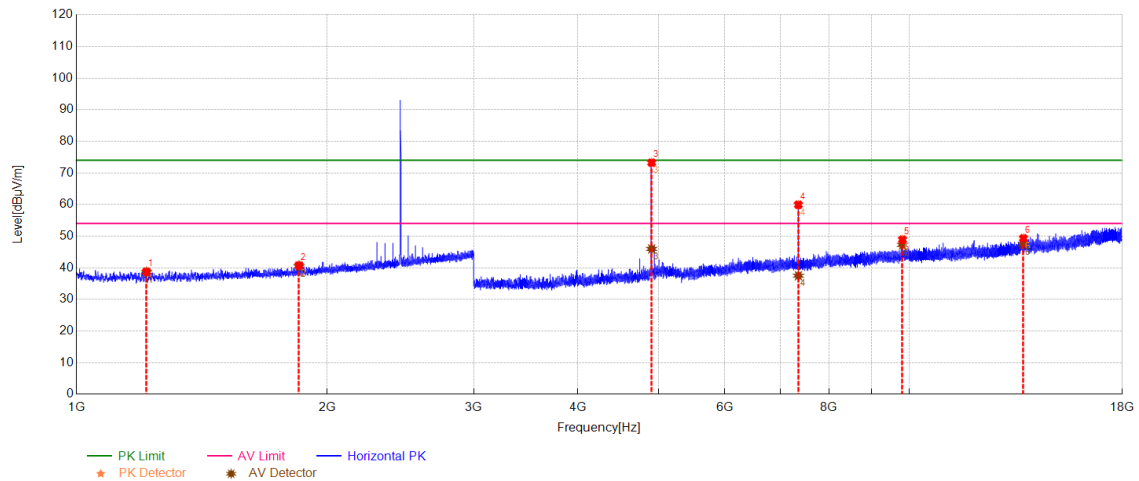


Final Data List														
NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1342.4000	-0.37	39.16	38.79	74.00	35.21	38.91	38.54	54.00	15.46	150	298	Vertical	PASS
2	1704.0000	0.62	38.66	39.28	74.00	34.72	38.40	39.02	54.00	14.98	150	256	Vertical	PASS
3	4852.0000	-14.69	79.3	64.61	74.00	9.39	58.03	43.34	54.00	10.66	150	105	Vertical	PASS
4	7278.0000	-9.80	61.83	52.03	74.00	21.97	50.62	40.82	54.00	13.18	150	112	Vertical	PASS
5	9704.0000	-4.60	52.36	47.76	74.00	26.24	50.88	46.28	54.00	7.72	150	50	Vertical	PASS
6	13171.0000	-0.05	48.14	48.09	74.00	25.91	45.69	45.64	54.00	8.36	150	311	Vertical	PASS

Test Report No.: EFGX25120538-IE-01-E01

EUROFINS ELECTRICAL TESTING SERVICE (SHENZHEN) CO., LTD.
Room 20 of 2/F., 1/F., Building 2, Spring Block & Room 102, Building 8, Autumn Block Meishenghuigu Innovation Park, No.83, Dabao Road, Bao'an District Shenzhen, Guangdong, People's Republic of China

Mode:	Tx	Channel:	2451.8MHz
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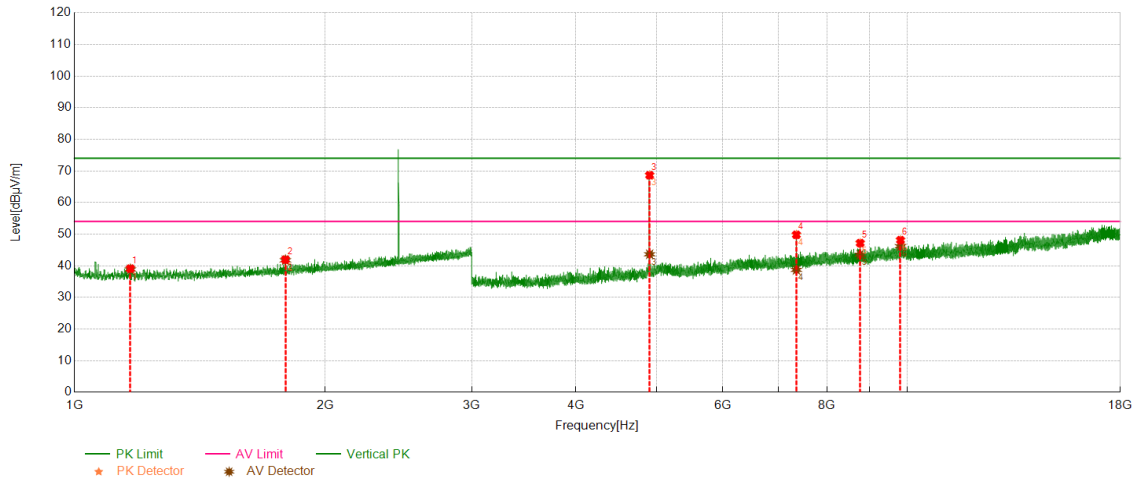


Final Data List														
NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1214.2000	-0.34	39.09	38.75	74.00	35.25	38.88	38.54	54.00	15.46	150	332	Horizontal	PASS
2	1850.2000	1.29	39.43	40.72	74.00	33.28	39.14	40.43	54.00	13.57	150	203	Horizontal	PASS
3	4903.0000	-13.40	86.64	73.24	74.00	0.76	59.35	45.95	54.00	8.05	150	145	Horizontal	PASS
4	7355.0000	-9.05	68.98	59.93	74.00	14.07	46.53	37.48	54.00	16.52	150	231	Horizontal	PASS
5	9806.5000	-4.43	53.33	48.90	74.00	25.10	51.66	47.23	54.00	6.77	150	301	Horizontal	PASS
6	13699.5000	0.82	48.5	49.32	74.00	24.68	46.62	47.44	54.00	6.56	150	231	Horizontal	PASS

Test Report No.: EFGX25120538-IE-01-E01

EUROFINS ELECTRICAL TESTING SERVICE (SHENZHEN) CO., LTD.
 Room 20 of 2/F., 1/F., Building 2, Spring Block & Room 102, Building 8, Autumn Block Meishenghuigu Innovation Park, No.83,
 Dabao Road, Bao'an District Shenzhen, Guangdong, People's Republic of China

Mode:	Tx	Channel:	2451.8MHz
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Final Data List

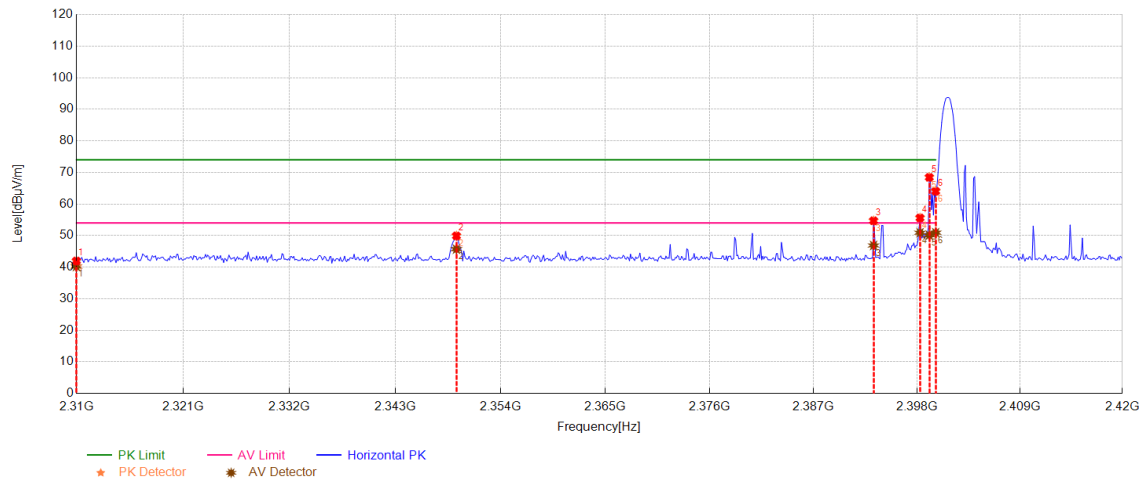
NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1167.4000	-0.14	39.22	39.08	74.00	34.92	38.96	38.82	54.00	15.18	150	104	Vertical	PASS
2	1791.8000	1.00	40.94	41.94	74.00	32.06	40.72	41.72	54.00	12.28	150	241	Vertical	PASS
3	4903.0000	-13.40	82.03	68.63	74.00	5.37	57.03	43.63	54.00	10.37	150	161	Vertical	PASS
4	7355.0000	-9.05	58.85	49.80	74.00	24.20	47.75	38.70	54.00	15.30	150	295	Vertical	PASS
5	8773.0000	-6.57	53.74	47.17	74.00	26.83	50.08	43.51	54.00	10.49	150	99	Vertical	PASS
6	9806.5000	-4.43	52.53	48.10	74.00	25.90	50.61	46.18	54.00	7.82	150	295	Vertical	PASS

Test Report No.: EFGX25120538-IE-01-E01

EUROFINS ELECTRICAL TESTING SERVICE (SHENZHEN) CO., LTD.
Room 20 of 2/F., 1/F., Building 2, Spring Block & Room 102, Building 8, Autumn Block Meishenghuigu Innovation Park, No.83, Dabao Road, Bao'an District Shenzhen, Guangdong, People's Republic of China

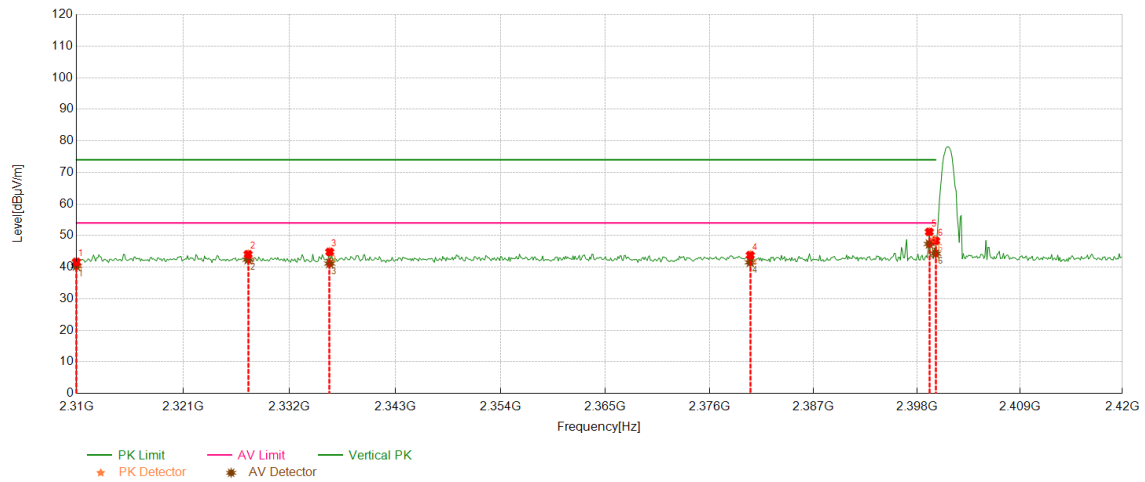
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Mode:	Tx	Channel:	2401.4MHz
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Final Data List														
NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310.0000	4.67	37.31	41.98	74.00	32.02	35.55	40.22	54.00	13.78	150	320	Horizontal	PASS
2	2349.3800	5.02	44.91	49.93	74.00	24.07	40.70	45.72	54.00	8.28	150	266	Horizontal	PASS
3	2393.3800	5.02	49.7	54.72	74.00	19.28	41.86	46.88	54.00	7.12	150	65	Horizontal	PASS
4	2398.3300	5.21	50.41	55.62	74.00	18.38	45.71	50.92	54.00	3.08	150	133	Horizontal	PASS
5	2399.3200	5.23	63.24	68.47	74.00	5.53	44.89	50.12	54.00	3.88	150	320	Horizontal	PASS
6	2400.0000	5.24	58.84	64.08	74.00	9.92	45.69	50.93	54.00	3.07	150	285	Horizontal	PASS

Mode:	Tx	Channel:	2401.4MHz
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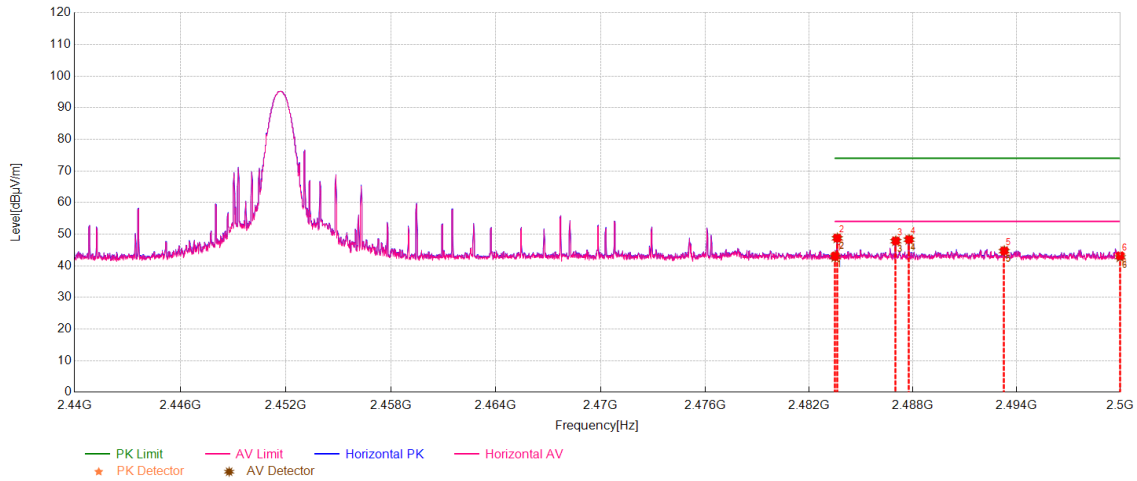
Final Data List

NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310.0000	4.67	37.02	41.69	74.00	32.31	35.69	40.36	54.00	13.64	150	289	Vertical	PASS
2	2327.7100	4.86	39.25	44.11	74.00	29.89	37.53	42.39	54.00	11.61	150	11	Vertical	PASS
3	2336.1800	4.81	40.05	44.86	74.00	29.14	36.34	41.15	54.00	12.85	150	53	Vertical	PASS
4	2380.2900	5.04	38.79	43.83	74.00	30.17	36.49	41.53	54.00	12.47	150	237	Vertical	PASS
5	2399.3200	5.23	45.96	51.19	74.00	22.81	42.13	47.36	54.00	6.64	150	131	Vertical	PASS
6	2400.0000	5.24	43.14	48.38	74.00	25.62	39.06	44.30	54.00	9.70	150	17	Vertical	PASS

Test Report No.: EFGX25120538-IE-01-E01

EUROFINS ELECTRICAL TESTING SERVICE (SHENZHEN) CO., LTD.
 Room 20 of 2/F., 1/F., Building 2, Spring Block & Room 102, Building 8, Autumn Block Meishenghuigu Innovation Park, No.83,
 Dabao Road, Bao'an District Shenzhen, Guangdong, People's Republic of China

Mode:	Tx	Channel:	2451.8MHz
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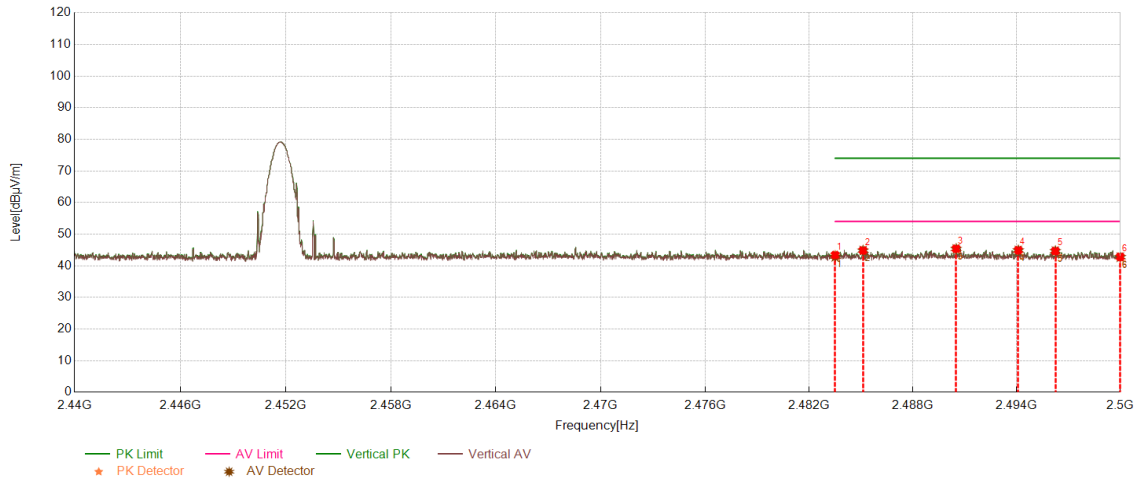
Final Data List

NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5000	5.46	37.67	43.13	74.00	30.87	37.26	42.72	54.00	11.28	150	251	Horizontal	PASS
2	2483.6211	5.46	43.33	48.79	74.00	25.21	43.21	48.67	54.00	5.33	150	277	Horizontal	PASS
3	2487.0024	5.54	42.35	47.89	74.00	26.11	42.21	47.75	54.00	6.25	150	291	Horizontal	PASS
4	2487.7698	5.48	42.85	48.33	74.00	25.67	42.74	48.22	54.00	5.78	150	211	Horizontal	PASS
5	2493.2734	5.58	39.17	44.75	74.00	29.25	39.03	44.61	54.00	9.39	150	78	Horizontal	PASS
6	2500.0000	5.50	37.68	43.18	74.00	30.82	37.19	42.69	54.00	11.31	150	258	Horizontal	PASS

Test Report No.: EFGX25120538-IE-01-E01

EUROFINS ELECTRICAL TESTING SERVICE (SHENZHEN) CO., LTD.
 Room 20 of 2/F., 1/F., Building 2, Spring Block & Room 102, Building 8, Autumn Block Meishenghuigu Innovation Park, No.83,
 Dabao Road, Bao'an District Shenzhen, Guangdong, People's Republic of China

Mode:	Tx	Channel:	2451.8MHz
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Final Data List

NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5000	5.46	37.93	43.39	74.00	30.61	37.35	42.81	54.00	11.19	150	244	Vertical	PASS
2	2485.1079	5.53	39.32	44.85	74.00	29.15	39.26	44.79	54.00	9.21	150	254	Vertical	PASS
3	2490.4916	5.56	39.83	45.39	74.00	28.61	39.71	45.27	54.00	8.73	150	134	Vertical	PASS
4	2494.0887	5.59	39.34	44.93	74.00	29.07	39.24	44.83	54.00	9.17	150	49	Vertical	PASS
5	2496.2350	5.57	39.11	44.68	74.00	29.32	39.04	44.61	54.00	9.39	150	302	Vertical	PASS
6	2500.0000	5.50	37.32	42.82	74.00	31.18	37.20	42.70	54.00	11.30	150	15	Vertical	PASS

Test Report No.: EFGX25120538-IE-01-E01

EUROFINS ELECTRICAL TESTING SERVICE (SHENZHEN) CO., LTD.
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 Dabao Road, Bao'an District Shenzhen, Guangdong, People's Republic of China

Field strength of fundamental

NO.	Frequency [MHz]	Reading [dB μ V/m]	Level [dB μ V/m]	Factor [dB]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2401.4	88.26	91.51	3.25	114.00	22.49	150	38	PK	Horizontal	PASS
2	2401.4	76.64	79.89	3.25	114.00	34.11	150	43	PK	Vertical	PASS
3	2426.2	88.65	91.98	3.33	114.00	22.02	150	46	PK	Horizontal	PASS
4	2426.2	77.68	81.01	3.33	114.00	32.99	150	43	PK	Vertical	PASS
5	2451.8	88.98	92.24	3.26	114.00	21.76	150	54	PK	Horizontal	PASS
6	2451.8	77.81	81.06	3.25	114.00	32.94	150	74	PK	Vertical	PASS

--End of report--

Test Report No.: EFGX25120538-IE-01-E01

EUROFINS ELECTRICAL TESTING SERVICE (SHENZHEN) CO., LTD.
Room 20 of 2/F., 1/F., Building 2, Spring Block & Room 102, Building 8, Autumn Block Meishenghuigu Innovation Park, No.83,
Dabao Road, Bao'an District Shenzhen, Guangdong, People's Republic of China

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