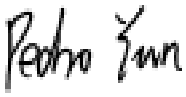
NVLAP TESTING
NVLAP LAB CODE 600341-0

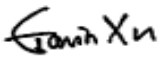
BACL Bay Area Compliance Labs Corp.

TEST REPORT

Applicant:	**PO FUNG ELECTRONIC (HK) INTERNATONAL GROUP COMPANY LIMITED**
Address:	**Room 1508, 15/F, Office Tower II, Grand Plaza, 625 Nathan Road, Kowloon, Hong Kong**
Product Name:	**Amateur Radio**
FCC ID:	**2AJGM-K6PRO**
Standard(s):	**FCC Part 15B** **ANSI C63.4-2014**
Report Number:	**2402X36090E-RF-00A**
Report Date:	**2025/1/21**

The above device has been tested and found compliant with the requirement of the relative standards by Bay Area Compliance Laboratories Corp. (Dongguan).





Reviewed By: **Pedro Yun** Title: Project Engineer

Approved By: **Gavin Xu** Title: RF Supervisor

Bay Area Compliance Laboratories Corp. (Dongguan)
No.12, Pulong East 1st Road, Tangxia Town, Dongguan, Guangdong, China
Tel: +86-769-86858888
Fax: +86-769-86858891
www.baclcorp.com.cn

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	2402X36090E-RF-00A	Original Report	2025/1/21

1. GENERAL INFORMATION

1.1 General Description Of Equipment under Test

EUT Name:	Amateur Radio
EUT Model:	NA-K6PRO
Multiple Model:	NA-K61PRO, NA-K63PRO, NA-K67PRO, NA-K68PRO
Highest Operation Frequency▲:	599MHz
Rated Input Voltage:	DC 7.4V from battery or DC 5V from adapter
Serial Number:	2RKV-1
EUT Received Date:	2024/9/11
EUT Received Status:	Good
Note: The multiple models are electrically identical with the test model. Please refer to the declaration letter for more detail, which was provided by manufacturer.	

1.2 Accessory Information

Accessory Description	Manufacturer	Model	Parameters
Adapter	Jiangxi Jian Aohai Technology Co., Ltd.	A318-050100W-US2	Input: 100-240Vac 50/60Hz 0.2A Output: 5V 1A

1.3 Equipment Modifications

No modifications are made to the EUT during all test items.

2. SUMMARY OF TEST RESULTS

Standard Clause	Description of Test	Test Result
FCC§15.107	Conducted emissions	Compliant
FCC§15.109	Radiated emissions	Compliant
FCC§15.121(b)	Scanning receivers and frequency converters used with scanning receivers	Compliant

3. DESCRIPTION OF TEST CONFIGURATION

3.1 Operation Frequency And Test Channel:

Operation Modes	Operation Frequency Range (MHz)	Test Frequency (MHz)
Scanning	108-136 136-173 220-259 350-390 400-599	108-136 136-173 220-259 350-390 400-599
UHF Receiving	108-136 136-173 220-259 350-390 400-599	108.0125, 122, 135.9875 136.0125, 155, 172.9875 220.0125, 240, 258.9875 350.0125, 370, 389.9875 400.0125, 500, 598.9875

3.2 Description of Test Configuration

The system was configured for testing in a typical fashion (as normally used by a typical user). The following summary table is showing all test modes to demonstrate in compliance with the standard:

Test Items	Test Mode(s)
Radiated Spurious Emission :	M1: Scanning(108-136MHz)-Antenna 1 M2: Scanning(108-136MHz)-Antenna 2 M3: Scanning with worst Antenna (for other frequency range:136-173, 220-259, 350-390, 400-599MHz) M4: Receiving with worst Antenna(for all test frequency)
AC Line Conducted Emission	M1: Scanning(108-136MHz)-Antenna 1 M2: Scanning(108-136MHz)-Antenna 2 M3: Scanning with worst Antenna (for other frequency range:136-173, 220-259, 350-390, 400-599MHz) M4: Receiving with worst Antenna(for all test frequency)

3.3 EUT Exercise Software

No software was used to test.

3.4 Support Equipment List and Details

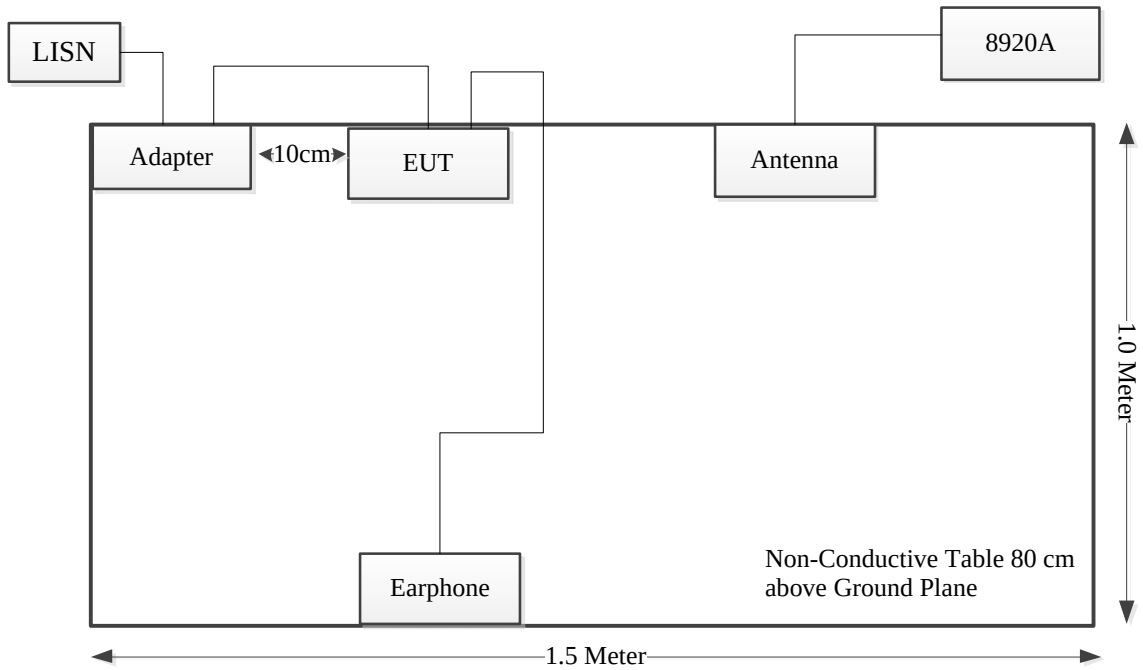
Manufacturer	Description	Model	Serial Number
HP	RF Communications Test Set	8920A	3438A05201
Unknown	Antenna	Unknown	Antenna 02
Unknown	Antenna	Unknown	Antenna 01

3.5 Support Cable List and Details

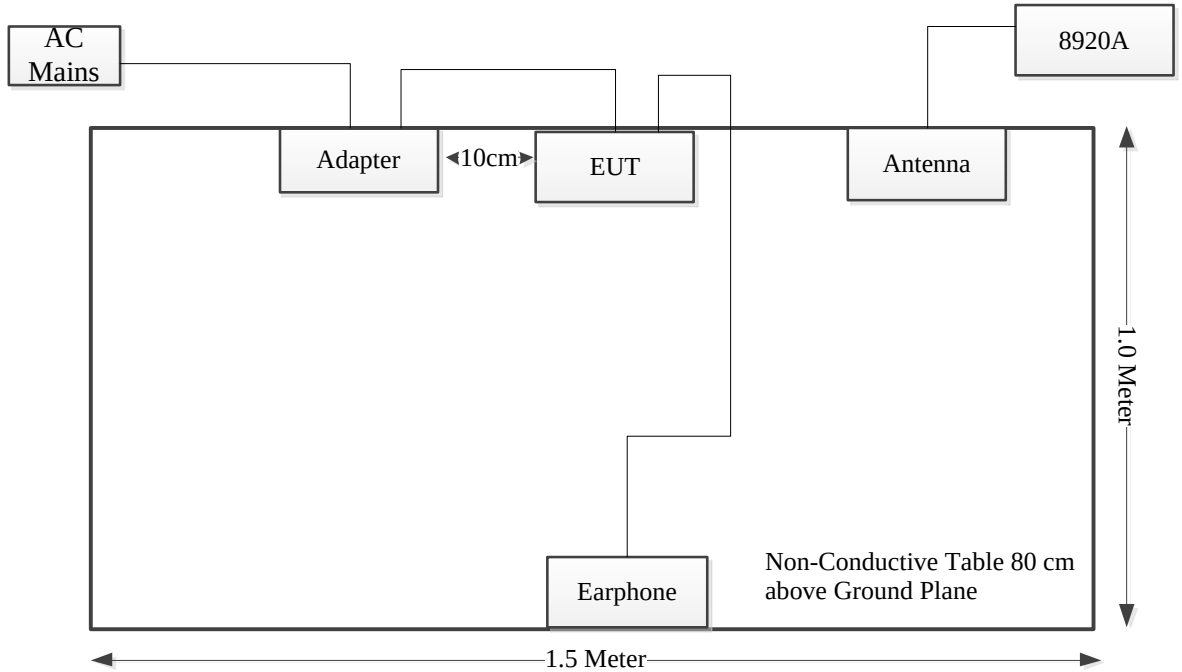
Cable Description	Shielding Cable	Ferrite Core	Length (m)	From Port	To
Earphone cable	No	No	1.2	Earphone	EUT
Adapter cable	No	No	0.8	Adapter	EUT
Antenna cable	No	No	10	Antenna	8920A

3.6 Block Diagram of Test Setup

AC Line conducted Emission:



Radiated Emission:



3.7 Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Dongguan) to collect test data is located on the No.12, Pulong East 1st Road, Tangxia Town, Dongguan, Guangdong, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 829273, the FCC Designation No. : CN5044.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: CN0022.

3.8 Measurement Uncertainty

Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

Parameter	Measurement Uncertainty
Unwanted Emissions, radiated	9kHz~30MHz: 3.3dB, 30MHz~200MHz: 4.55 dB 200MHz~1GHz: 5.92 dB, 1GHz~6GHz: 4.98 dB 6GHz~18GHz: 5.89 dB, 18GHz~26.5GHz: 5.47 dB 26.5GHz~40GHz: 5.63 dB
AC Power Lines Conducted Emission	3.11 dB (150 kHz to 30 MHz)
Temperature	±1℃
Humidity	±5%

4. REQUIREMENTS AND TEST PROCEDURES

4.1 AC Line Conducted Emissions

4.1.1 Applicable Standard

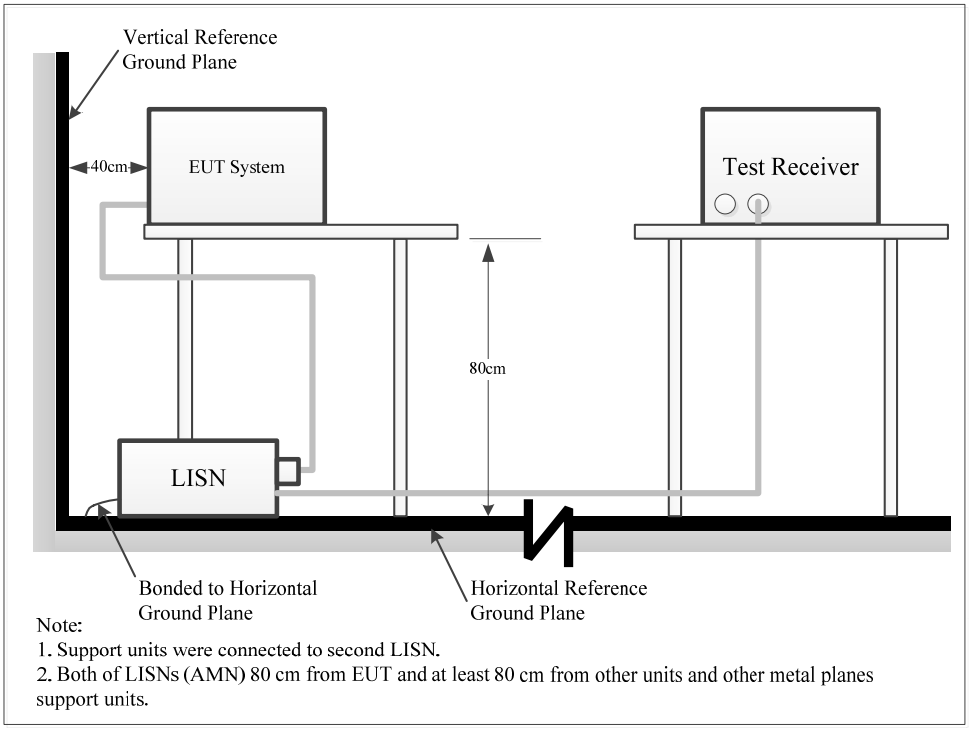
FCC§15.107

(a) Except for Class A digital devices, for equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 μH/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the band edges

Frequency of emission (MHz)	Conducted limit (dBμV)	
	Quasi-peak	Average
0.15–0.5	66 to 56*	56 to 46*
0.5–5	56	46
5–30	60	50

*Decreases with the logarithm of the frequency.

4.1.2 EUT Setup



Note:
1. Support units were connected to second LISN.
2. Both of LISNs (AMN) 80 cm from EUT and at least 80 cm from other units and other metal planes support units.

The setup of EUT is according with per ANSI C63.4-2014 measurement procedure. The specification used was with the FCC Part 15 B Class B limits.
The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

4.1.3 EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	IF B/W
150 kHz – 30 MHz	9 kHz

4.1.4 Test Procedure

The frequency and amplitude of the six highest ac power-line conducted emissions relative to the limit, measured over all the current-carrying conductors of the EUT power cords, and the operating frequency or frequency to which the EUT is tuned (if appropriate), should be reported, unless such emissions are more than 20 dB below the limit. AC power-line conducted emissions measurements are to be separately carried out only on each of the phase ("hot") line(s) and (if used) on the neutral line(s), but not on the ground [protective earth] line(s). If less than six emission frequencies are within 20 dB of the limit, then the noise level of the measuring instrument at representative frequencies should be reported. The specific conductor of the power-line cord for each of the reported emissions should be identified. Measure the six highest emissions with respect to the limit on each current-carrying conductor of each power cord associated with the EUT (but not the power cords of associated or peripheral equipment that are part of the test configuration). Then, report the six highest emissions with respect to the limit from among all the measurements identifying the frequency and specific current-carrying conductor identified with the emission. The six highest emissions should be reported for each of the current-carrying conductors, or the six highest emissions may be reported over all the current-carrying conductors.

4.1.5 Corrected Amplitude & Margin Calculation

The basic equation is as follows:

Result = Reading + Factor
Factor = attenuation caused by cable loss + voltage division factor of AMN

The "**Margin**" column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit – Result

4.1.6 Test Result and Data

Serial Number:	2RKV-1	Test Date:	2024/9/19
Test Site:	CE	Test Mode:	M1-M4
Tester:	Yukin Qiu	Test Result:	Pass

Environmental Conditions:

Temperature: (℃)	26.8	Relative Humidity: (%)	68	ATM Pressure: (kPa)	100.4

Test Equipment List and Details:

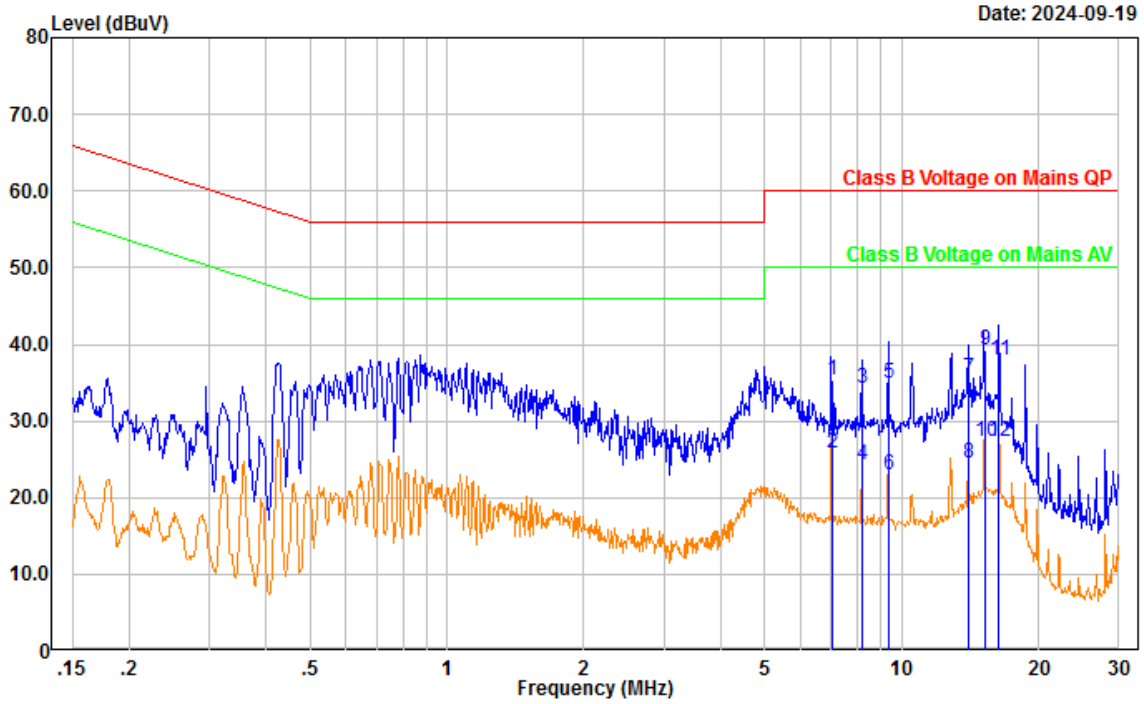
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	LISN	ENV216	101614	2023/10/18	2024/10/17
MICRO-COAX	Coaxial Cable	C-NJNJ-50	C-0200-01	2024/9/5	2025/9/4
R&S	EMI Test Receiver	ESCI	100035	2024/8/26	2025/8/25
Audix	Test Software	E3	191218 V9	N/A	N/A

** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

M1: Scanning(108-136MHz)-Antenna 1

Project No.: 2402X36090E-RF
Port: Line
Test Mode: M1
Note:

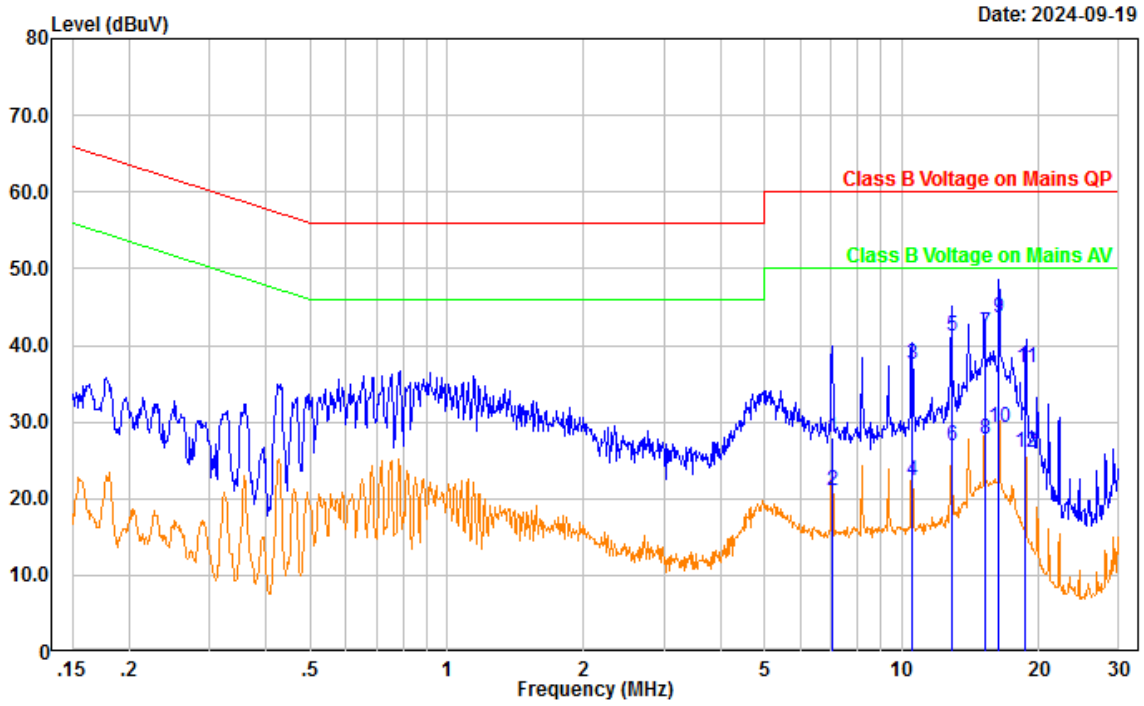
Serial No.: 2RKV-1
Tester: Yukin Qiu



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	7.017	24.30	10.94	35.24	60.00	24.76	QP
2	7.017	14.86	10.94	25.80	50.00	24.20	Average
3	8.183	23.31	10.86	34.17	60.00	25.83	QP
4	8.183	13.45	10.86	24.31	50.00	25.69	Average
5	9.342	24.13	10.78	34.91	60.00	25.09	QP
6	9.342	12.13	10.78	22.91	50.00	27.09	Average
7	14.039	24.71	10.84	35.55	60.00	24.45	QP
8	14.039	13.69	10.84	24.53	50.00	25.47	Average
9	15.224	28.32	10.86	39.18	60.00	20.82	QP
10	15.224	16.46	10.86	27.32	50.00	22.68	Average
11	16.379	27.17	10.86	38.03	60.00	21.97	QP
12	16.379	16.42	10.86	27.28	50.00	22.72	Average

Project No.: 2402X36090E-RF
Port: neutral
Test Mode: M1
Note:

Serial No.: 2RKV-1
Tester: Yukin Qiu

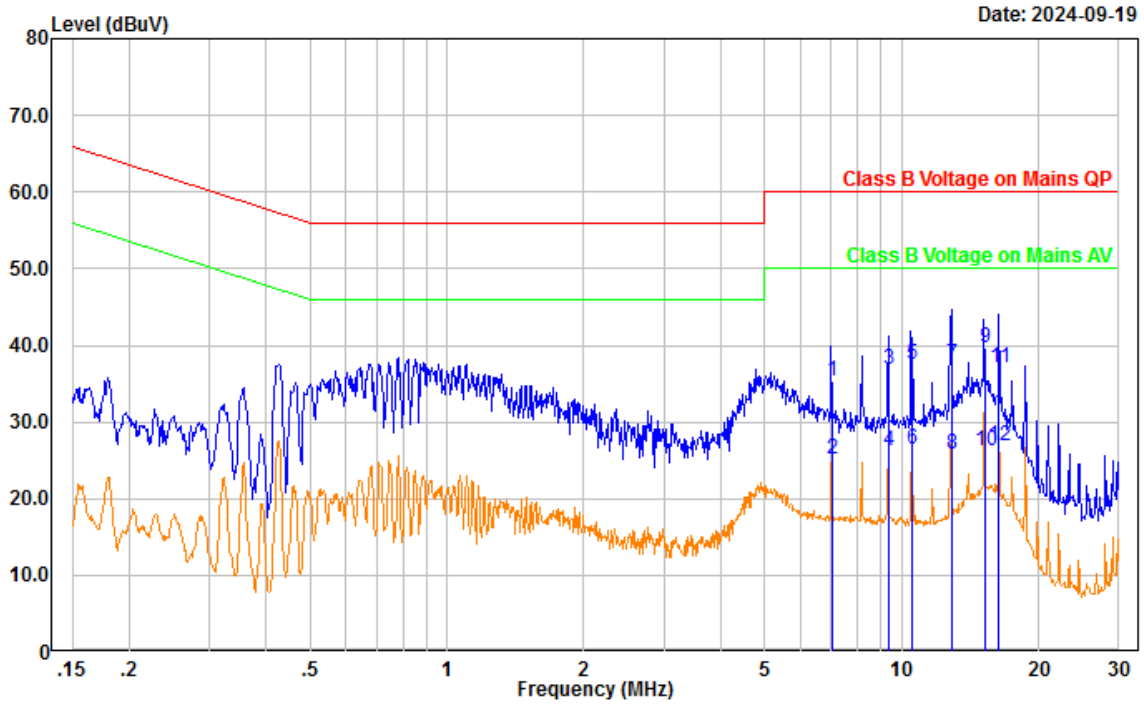


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	7.040	17.20	10.84	28.04	60.00	31.96	QP
2	7.040	10.11	10.84	20.95	50.00	29.05	Average
3	10.520	26.56	10.85	37.41	60.00	22.59	QP
4	10.520	11.41	10.85	22.26	50.00	27.74	Average
5	12.880	30.25	10.86	41.11	60.00	18.89	QP
6	12.880	15.99	10.86	26.85	50.00	23.15	Average
7	15.210	30.72	10.86	41.58	60.00	18.42	QP
8	15.210	16.84	10.86	27.70	50.00	22.30	Average
9	16.381	32.63	10.86	43.49	60.00	16.51	QP
10	16.381	18.36	10.86	29.22	50.00	20.78	Average
11	18.719	26.23	10.87	37.10	60.00	22.90	QP
12	18.719	15.06	10.87	25.93	50.00	24.07	Average

M2: Scanning(108-136MHz)-Antenna 2

Project No.: 2402X36090E-RF
Port: Line
Test Mode: M2
Note:

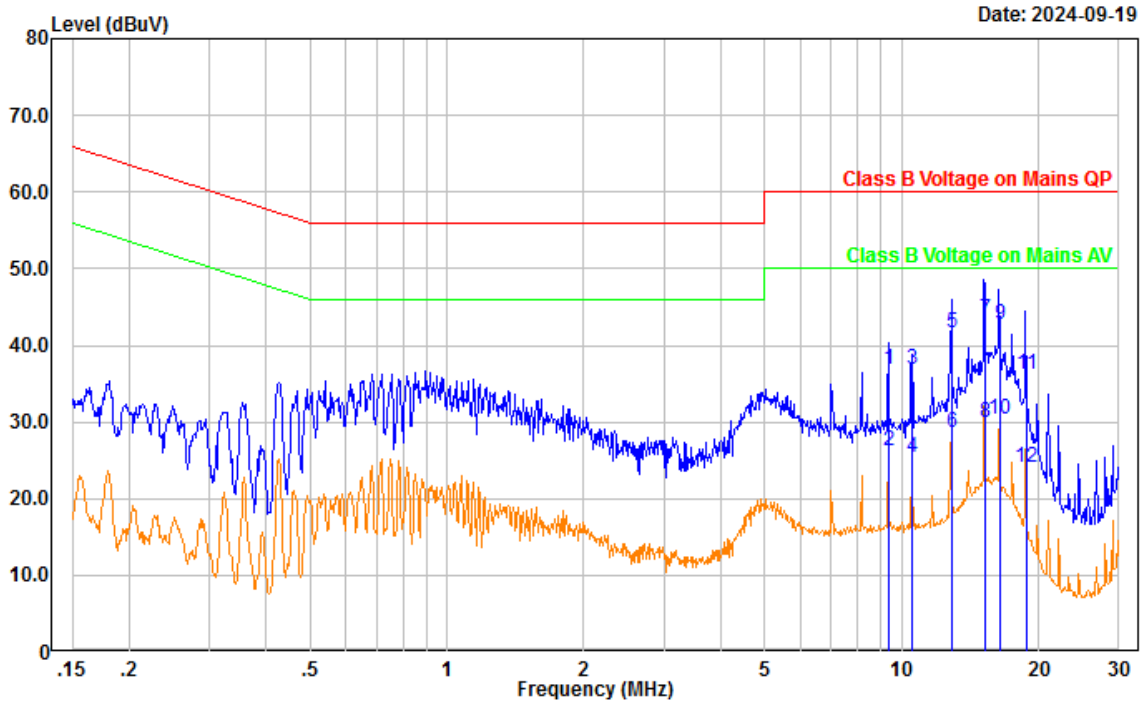
Serial No.: 2RKV-1
Tester: Yukin Qiu



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	7.031	24.33	10.94	35.27	60.00	24.73	QP
2	7.031	14.13	10.94	25.07	50.00	24.93	Average
3	9.382	26.01	10.78	36.79	60.00	23.21	QP
4	9.382	15.50	10.78	26.28	50.00	23.72	Average
5	10.532	26.69	10.76	37.45	60.00	22.55	QP
6	10.532	15.79	10.76	26.55	50.00	23.45	Average
7	12.909	26.64	10.82	37.46	60.00	22.54	QP
8	12.909	15.02	10.82	25.84	50.00	24.16	Average
9	15.212	28.78	10.86	39.64	60.00	20.36	QP
10	15.212	15.39	10.86	26.25	50.00	23.75	Average
11	16.365	26.17	10.86	37.03	60.00	22.97	QP
12	16.365	16.03	10.86	26.89	50.00	23.11	Average

Project No.: 2402X36090E-RF
Port: neutral
Test Mode: M2
Note:

Serial No.: 2RKV-1
Tester: Yukin Qiu

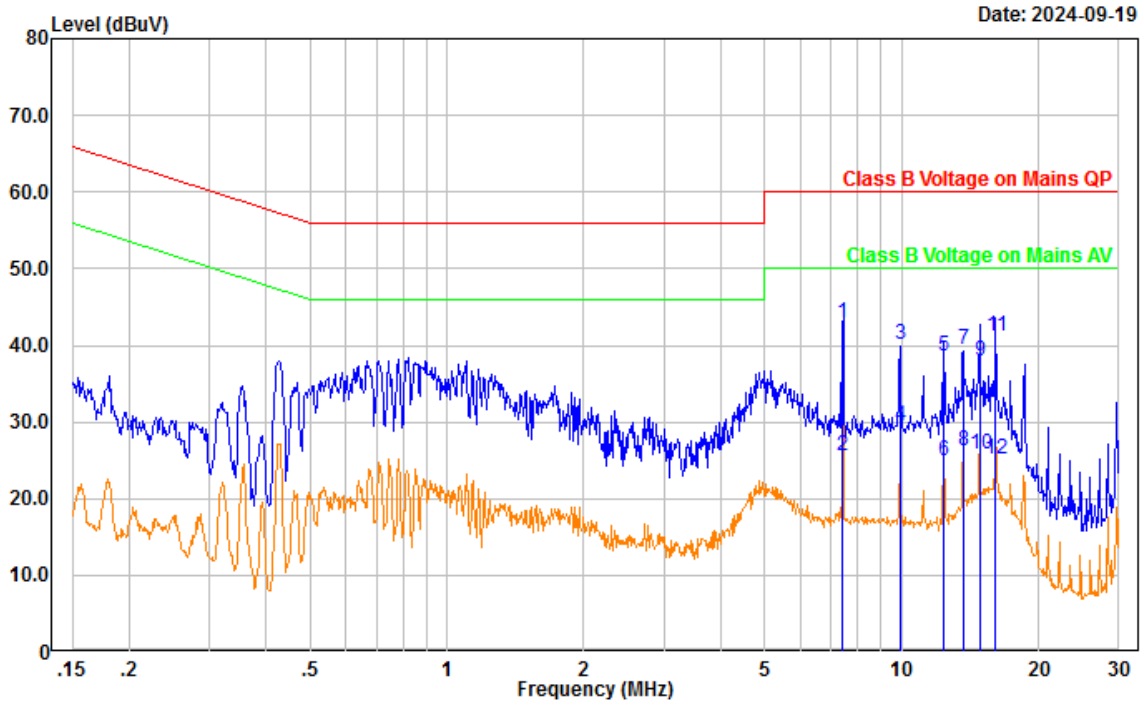


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	9.356	25.92	10.84	36.76	60.00	23.24	QP
2	9.356	15.32	10.84	26.16	50.00	23.84	Average
3	10.524	25.96	10.85	36.81	60.00	23.19	QP
4	10.524	14.51	10.85	25.36	50.00	24.64	Average
5	12.895	30.80	10.86	41.66	60.00	18.34	QP
6	12.895	17.67	10.86	28.53	50.00	21.47	Average
7	15.231	32.57	10.86	43.43	60.00	16.57	QP
8	15.231	19.08	10.86	29.94	50.00	20.06	Average
9	16.393	31.85	10.86	42.71	60.00	17.29	QP
10	16.393	19.42	10.86	30.28	50.00	19.72	Average
11	18.754	25.33	10.87	36.20	60.00	23.80	QP
12	18.754	13.12	10.87	23.99	50.00	26.01	Average

M3: Scanning (136-173MHz)-Antenna 1

Project No.: 2402X36090E-RF
Port: Line
Test Mode: M3
Note:

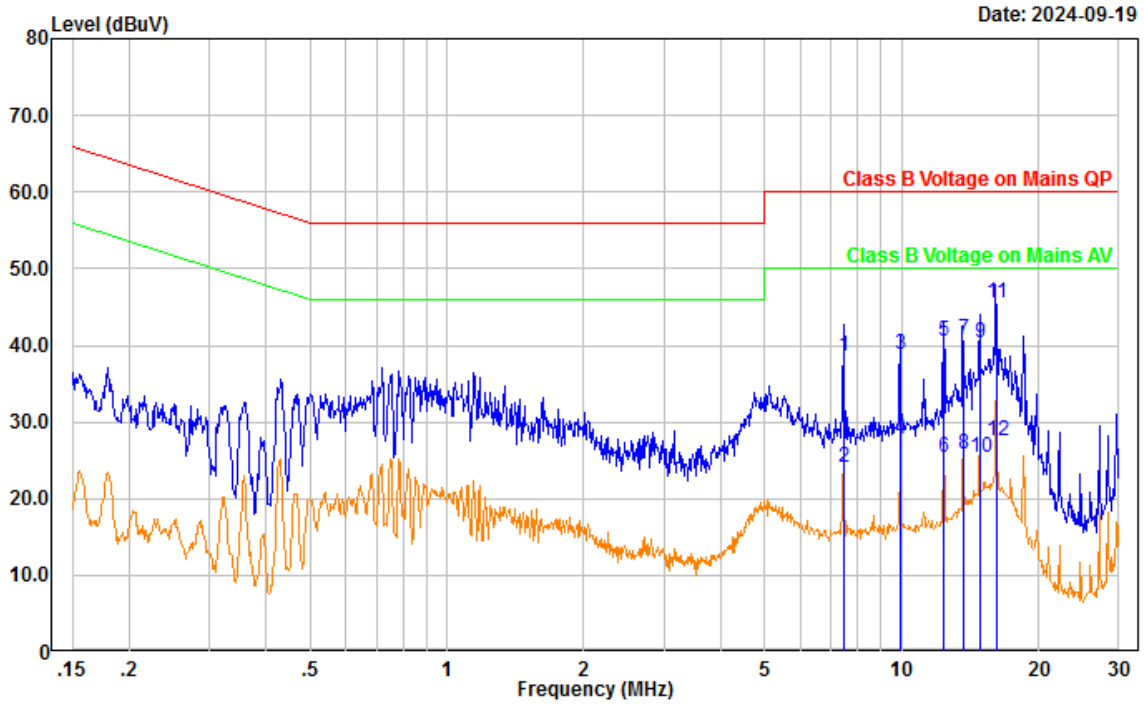
Serial No.: 2RKV-1
Tester: Yukin Qiu



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	7.428	32.06	10.91	42.97	60.00	17.03	QP
2	7.428	14.71	10.91	25.62	50.00	24.38	Average
3	9.906	29.28	10.77	40.05	60.00	19.95	QP
4	9.906	18.77	10.77	29.54	50.00	20.46	Average
5	12.342	27.69	10.80	38.49	60.00	21.51	QP
6	12.342	14.09	10.80	24.89	50.00	25.11	Average
7	13.631	28.60	10.83	39.43	60.00	20.57	QP
8	13.631	15.36	10.83	26.19	50.00	23.81	Average
9	14.872	27.03	10.86	37.89	60.00	22.11	QP
10	14.872	15.03	10.86	25.89	50.00	24.11	Average
11	16.084	30.33	10.86	41.19	60.00	18.81	QP
12	16.084	14.31	10.86	25.17	50.00	24.83	Average

Project No.: 2402X36090E-RF
Port: neutral
Test Mode: M3
Note:

Serial No.: 2RKV-1
Tester: Yukin Qiu

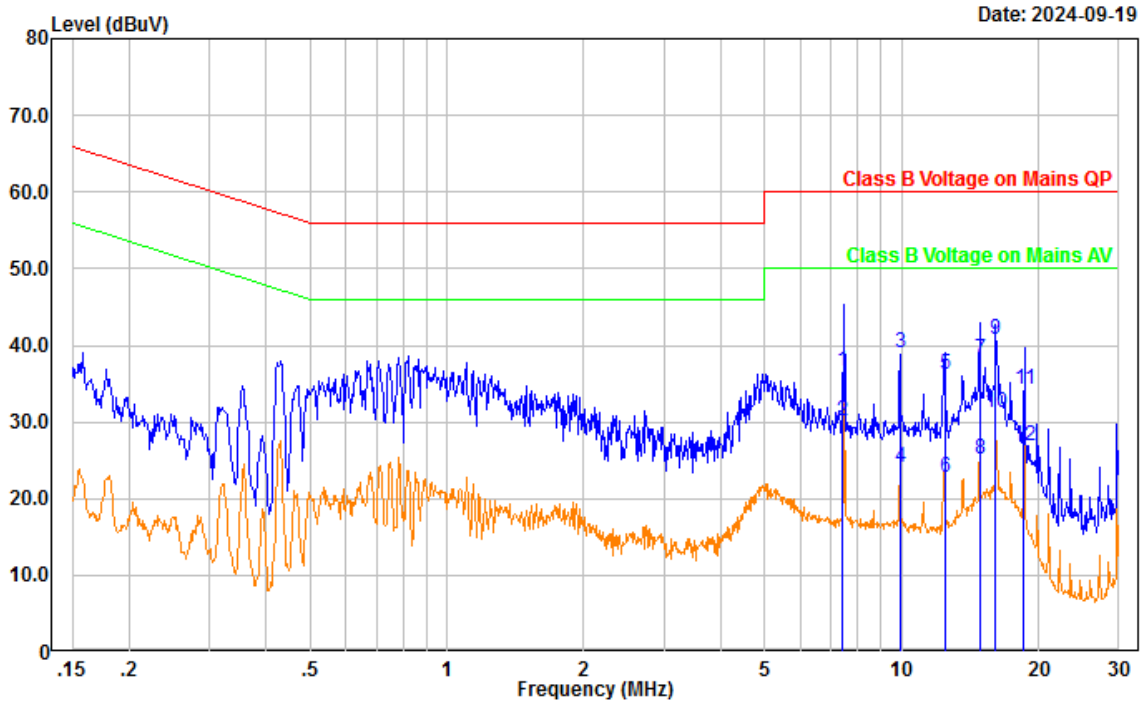


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	7.450	27.82	10.84	38.66	60.00	21.34	QP
2	7.450	13.13	10.84	23.97	50.00	26.03	Average
3	9.911	27.96	10.86	38.82	60.00	21.18	QP
4	9.911	16.92	10.86	27.78	50.00	22.22	Average
5	12.390	29.62	10.85	40.47	60.00	19.53	QP
6	12.390	14.45	10.85	25.30	50.00	24.70	Average
7	13.627	29.89	10.86	40.75	60.00	19.25	QP
8	13.627	14.94	10.86	25.80	50.00	24.20	Average
9	14.835	29.48	10.86	40.34	60.00	19.66	QP
10	14.835	14.61	10.86	25.47	50.00	24.53	Average
11	16.132	34.65	10.86	45.51	60.00	14.49	QP
12	16.132	16.67	10.86	27.53	50.00	22.47	Average

M4:(122MHz was tested) -Antenna 1

Project No.: 2402X36090E-RF
Port: Line
Test Mode: M4
Note:

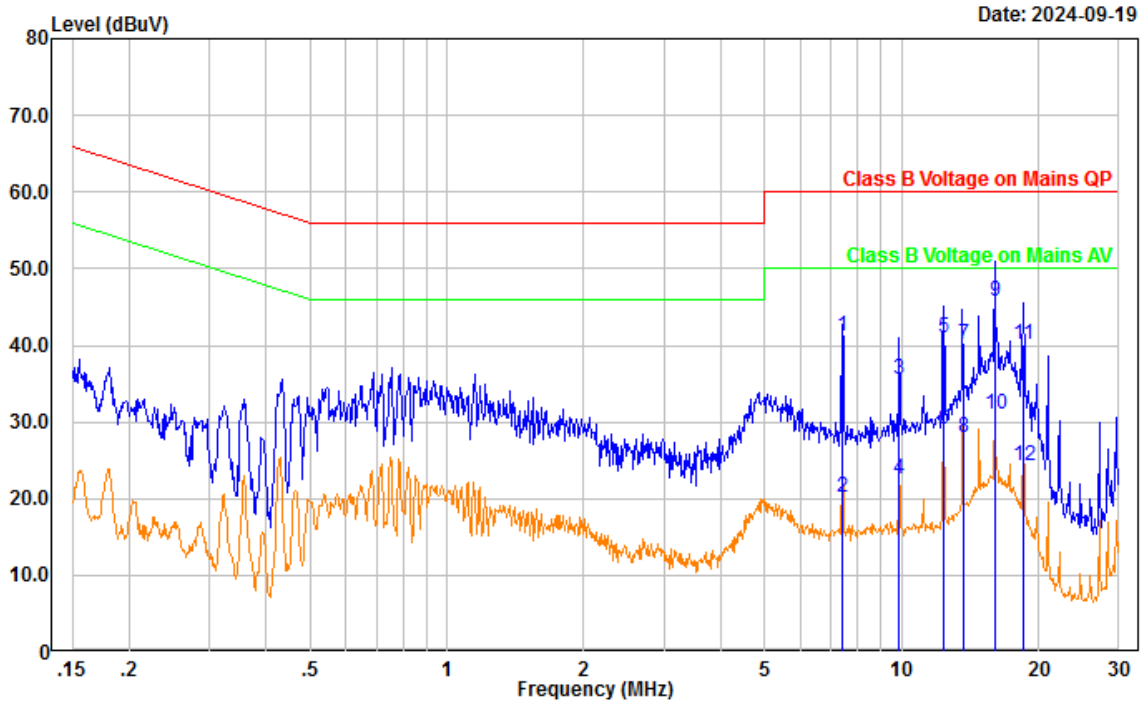
Serial No.: 2RKV-1
Tester: Yukin Qiu



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	7.426	25.63	10.91	36.54	60.00	23.46	QP
2	7.426	19.22	10.91	30.13	50.00	19.87	Average
3	9.924	28.19	10.77	38.96	60.00	21.04	QP
4	9.924	13.26	10.77	24.03	50.00	25.97	Average
5	12.426	25.34	10.80	36.14	60.00	23.86	QP
6	12.426	11.97	10.80	22.77	50.00	27.23	Average
7	14.879	27.39	10.86	38.25	60.00	21.75	QP
8	14.879	14.21	10.86	25.07	50.00	24.93	Average
9	16.103	29.96	10.86	40.82	60.00	19.18	QP
10	16.103	20.43	10.86	31.29	50.00	18.71	Average
11	18.540	23.38	10.87	34.25	60.00	25.75	QP
12	18.540	16.03	10.87	26.90	50.00	23.10	Average

Project No.: 2402X36090E-RF
Port: neutral
Test Mode: M4
Note:

Serial No.: 2RKV-1
Tester: Yukin Qiu



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB)	Result (dBµV)	Limit (dBµV)	Margin (dB)	Detector
1	7.418	30.39	10.84	41.23	60.00	18.77	QP
2	7.418	9.26	10.84	20.10	50.00	29.90	Average
3	9.876	24.78	10.86	35.64	60.00	24.36	QP
4	9.876	11.74	10.86	22.60	50.00	27.40	Average
5	12.396	30.07	10.85	40.92	60.00	19.08	QP
6	12.396	18.24	10.85	29.09	50.00	20.91	Average
7	13.625	29.32	10.86	40.18	60.00	19.82	QP
8	13.625	17.18	10.86	28.04	50.00	21.96	Average
9	16.084	34.86	10.86	45.72	60.00	14.28	QP
10	16.084	20.21	10.86	31.07	50.00	18.93	Average
11	18.510	29.30	10.87	40.17	60.00	19.83	QP
12	18.510	13.38	10.87	24.25	50.00	25.75	Average

4.2 Radiation Spurious Emissions

4.2.1 Applicable Standard

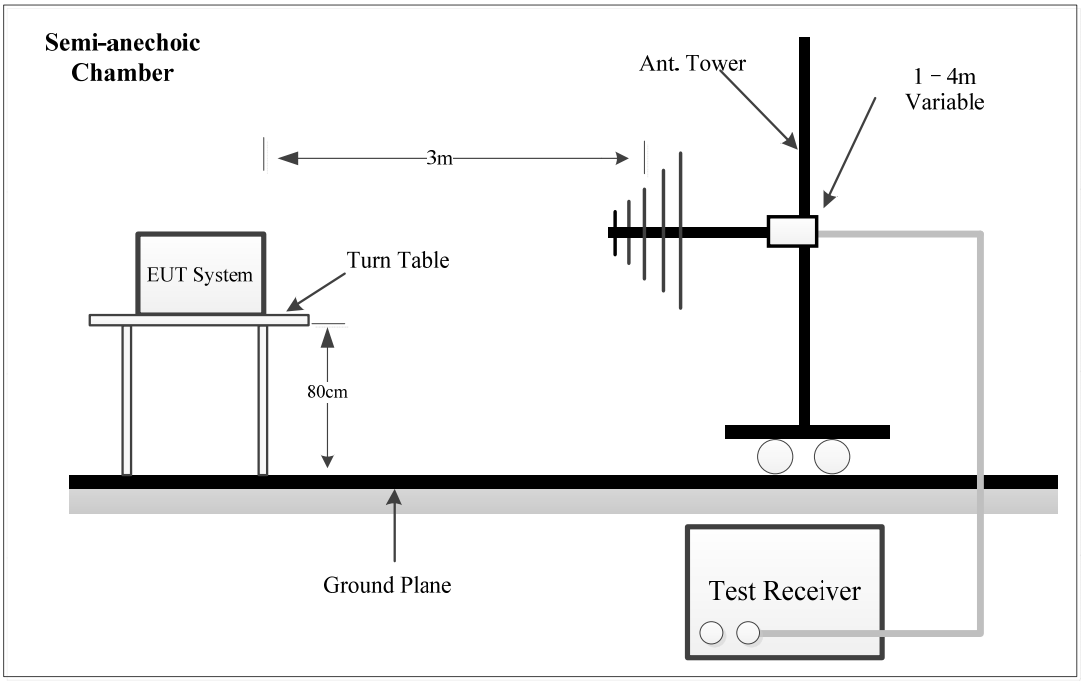
FCC§15.109

(a) Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

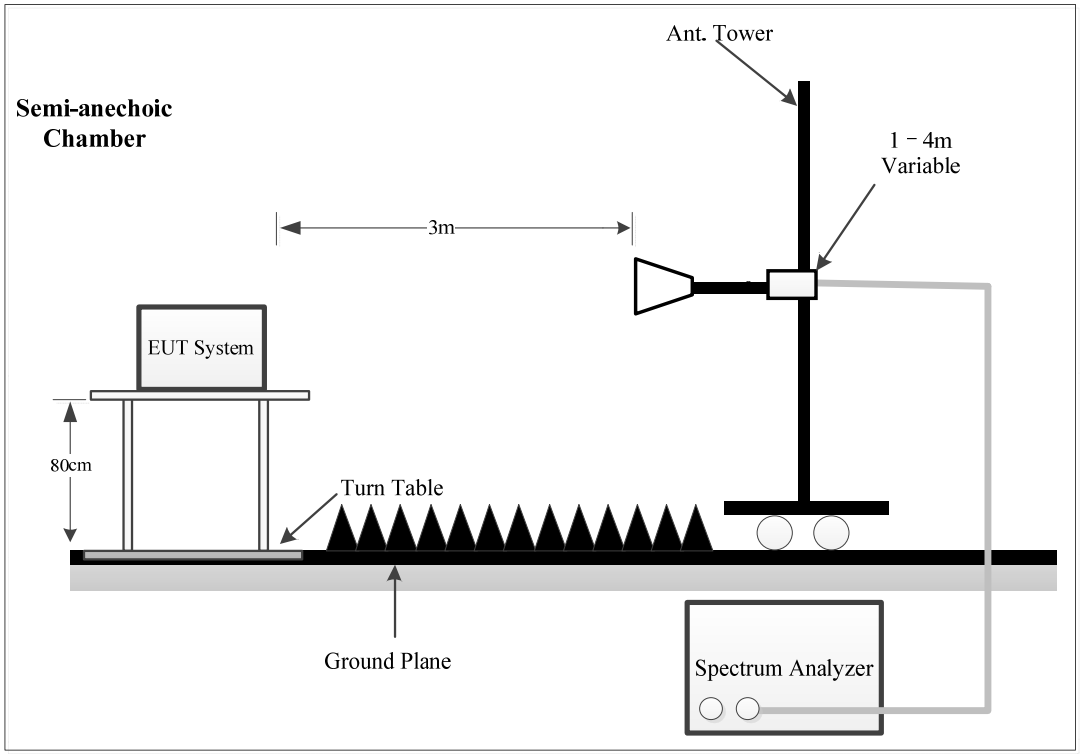
Frequency of emission (MHz)	Field strength (microvolts/meter)
30–88	100
88–216	150
216–960	200
Above 960	500

4.2.2 Test System Setup

Below 1GHz:



Above 1GHz:



The radiated emission tests were performed at the 3 meters distance, using the setup accordance with the ANSI C63.4-2014. The specification used was the FCC Part 15B Class B limits.

4.2.3 EMI Test Receiver Setup

The system was investigated from 30 MHz to 5 GHz.

During the radiated emission test, the EMI test receiver was set with the following configurations:

Frequency Range	RBW	Video B/W	IF B/W	Measurement
30MHz – 1000 MHz	100 kHz	300 kHz	/	Peak
	/	/	120kHz	QP
Above 1 GHz	1 MHz	3 MHz	/	Peak
	1 MHz	10Hz	/	AVG

4.2.4 Test Procedure

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

The data was recorded in the Quasi-peak detection mode for below 1 GHz, peak and average detection mode above 1 GHz.

If the maximized peak measured value complies with under the QP limit more than 6dB, then it is unnecessary to perform an QP measurement.

4.2.5 Corrected Result & Margin Calculation

The basic equation is as follows:

Result = Reading + Factor
Factor = Antenna Factor + Cable Loss- Amplifier Gain

The "**Margin**" column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit – Result

4.2.6 Test Result and Data

Serial Number:	2RKV-1	Test Date:	Below 1GHz: 2024/11/15 Above 1GHz: 2024/9/15
Test Site:	Chamber10m, Chamber B	Test Mode:	M1-M4
Tester:	Leesin Xiang, Leo Xiao	Test Result:	Pass

Environmental Conditions:					
Temperature: (℃)	24.1~26.2	Relative Humidity: (%)	31~55	ATM Pressure: (kPa)	99.7~101

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Below 1GHz					
Sunol Sciences	Hybrid Antenna	JB3	A060611-1	2023/9/6	2026/9/5
Narda	Coaxial Attenuator	779-6dB	04269	2023/9/6	2026/9/5
Unknown	Coaxial Cable	C-NJNJ-50	C-1000-01	2024/7/1	2025/6/30
Unknown	Coaxial Cable	C-NJNJ-50	C-0400-04	2024/7/1	2025/6/30
Unknown	Coaxial Cable	C-NJNJ-50	C-0530-01	2024/7/1	2025/6/30
Sonoma	Amplifier	310N	185914	2024/8/26	2025/8/25
R&S	EMI Test Receiver	ESCI	100224	2024/8/26	2025/8/25
Audix	Test Software	E3	191218 V9	N/A	N/A
Above 1GHz					
ETS-Lindgren	Horn Antenna	3115	000 527 35	2023/9/7	2026/9/6
Xinhang Macrowave	Coaxial Cable	XH750A-N/J-SMA/J-10M	20231117004 #0001	2023/11/17	2024/11/16
AH	Preamplifier	PAM-0118P	469	2024/4/15	2025/4/15
R&S	Spectrum Analyzer	FSV40	101944	2023/10/18	2024/10/17
Audix	Test Software	E3	191218 V9	N/A	N/A

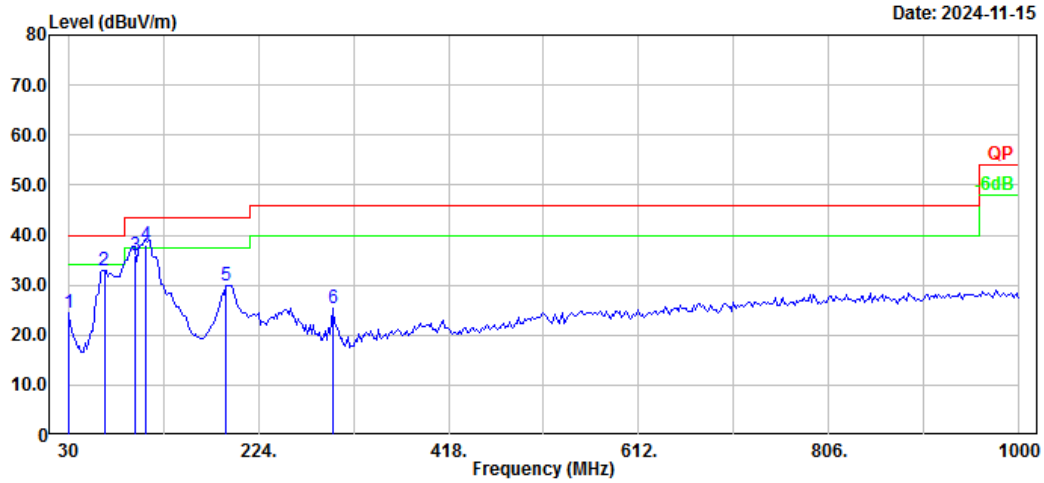
** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

1) 30MHz-1GHz:

M1:

Project No.: 2402X36090E-RF
Polarization: Horizontal
Test Mode: M1
Note:

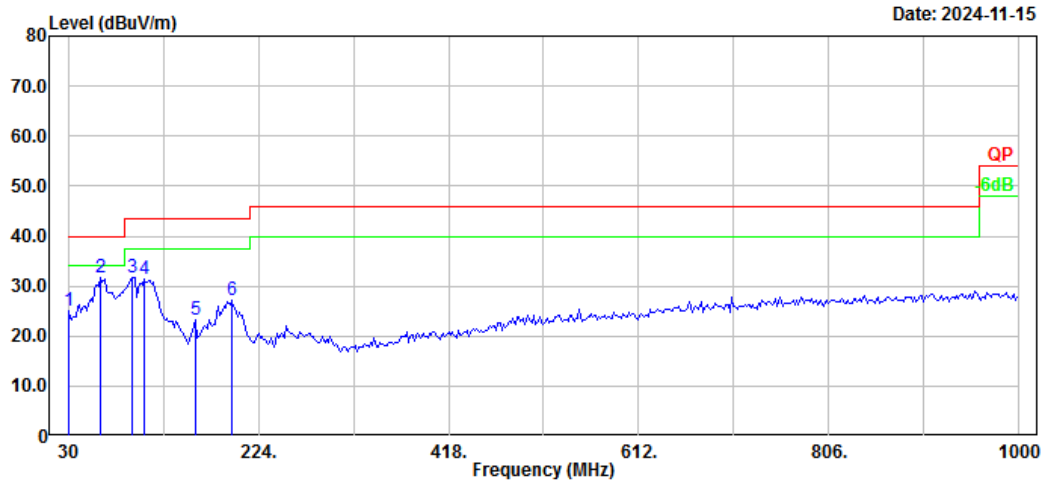
Serial No.: 2RKV-1
Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	28.34	-3.80	24.54	40.00	15.46	Peak
2	66.86	49.46	-16.42	33.04	40.00	6.96	Peak
3	97.90	50.71	-14.83	35.88	43.50	7.62	QP
4	109.54	49.39	-11.49	37.90	43.50	5.60	QP
5	191.02	42.03	-12.06	29.97	43.50	13.53	Peak
6	299.66	34.93	-9.52	25.41	46.00	20.59	Peak

Project No.: 2402X36090E-RF
Polarization: Vertical
Test Mode: M1
Note:

Serial No.: 2RKV-1
Tester: Leesin Xiang

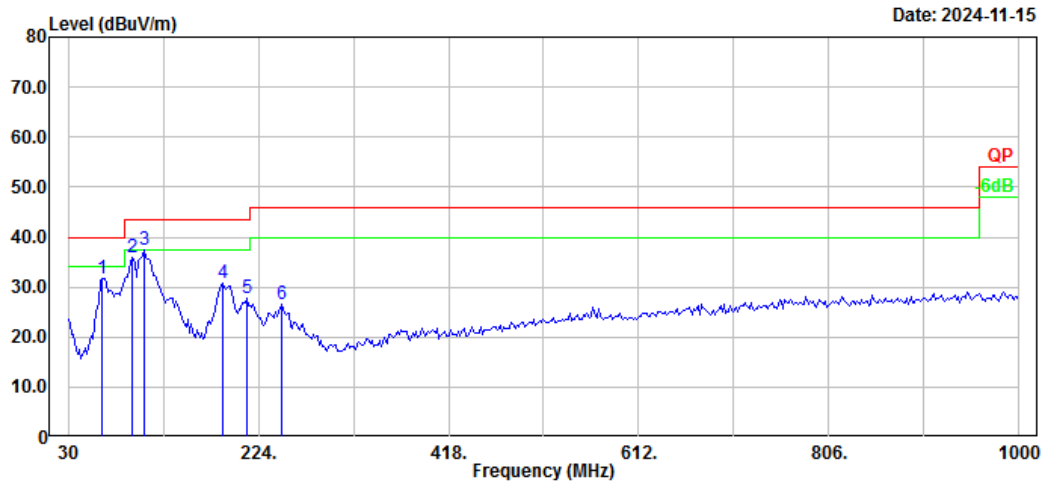


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	28.84	-3.80	25.04	40.00	14.96	Peak
2	62.98	48.20	-16.56	31.64	40.00	8.36	Peak
3	95.96	46.88	-15.22	31.66	43.50	11.84	Peak
4	107.60	43.34	-12.09	31.25	43.50	12.25	Peak
5	159.98	34.51	-11.15	23.36	43.50	20.14	Peak
6	196.84	38.80	-11.72	27.08	43.50	16.42	Peak

M2:

Project No.: 2402X36090E-RF
Polarization: Horizontal
Test Mode: M2
Note:

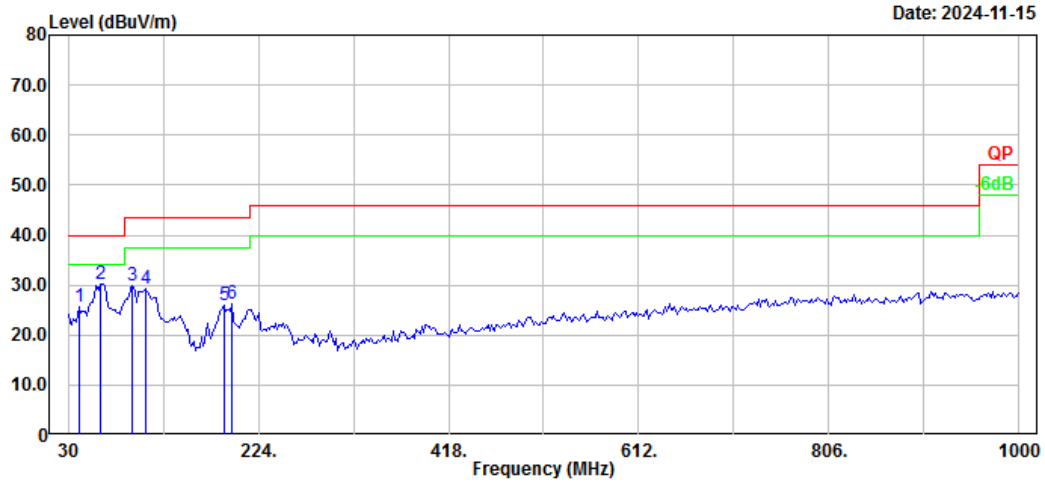
Serial No.: 2RKV-1
Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	64.92	48.28	-16.50	31.78	40.00	8.22	Peak
2	95.96	51.04	-15.22	35.82	43.50	7.68	Peak
3	107.60	49.38	-12.09	37.29	43.50	6.21	Peak
4	187.14	43.00	-12.19	30.81	43.50	12.69	Peak
5	212.36	40.22	-12.55	27.67	43.50	15.83	Peak
6	247.28	37.95	-11.52	26.43	46.00	19.57	Peak

Project No.: 2402X36090E-RF
Polarization: Vertical
Test Mode: M2
Note:

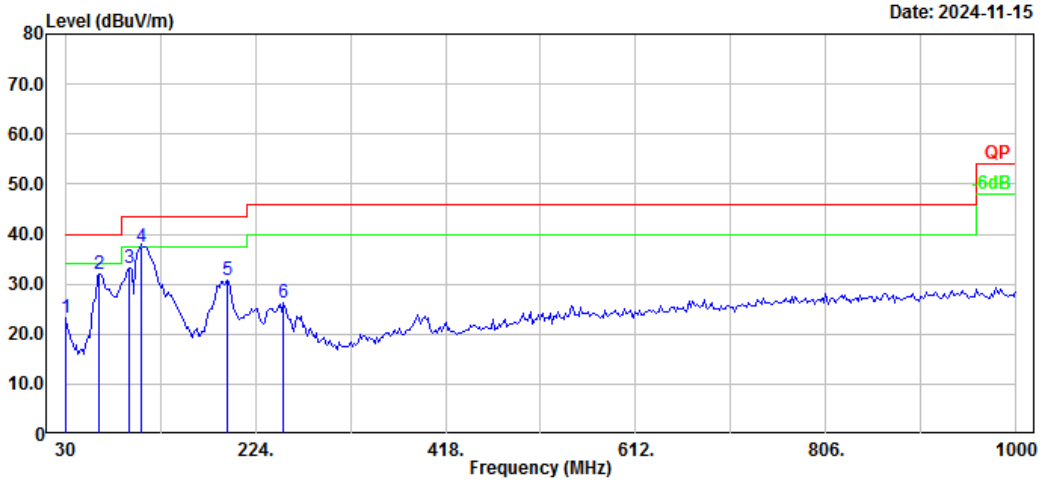
Serial No.: 2RKV-1
Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	41.64	37.54	-11.82	25.72	40.00	14.28	Peak
2	62.98	46.65	-16.56	30.09	40.00	9.91	Peak
3	95.96	45.02	-15.22	29.80	43.50	13.70	Peak
4	109.54	40.74	-11.49	29.25	43.50	14.25	Peak
5	189.08	38.05	-12.15	25.90	43.50	17.60	Peak
6	196.84	38.05	-11.72	26.33	43.50	17.17	Peak

Antenna 1 was the worst antenna.
M3(136-173MHz):

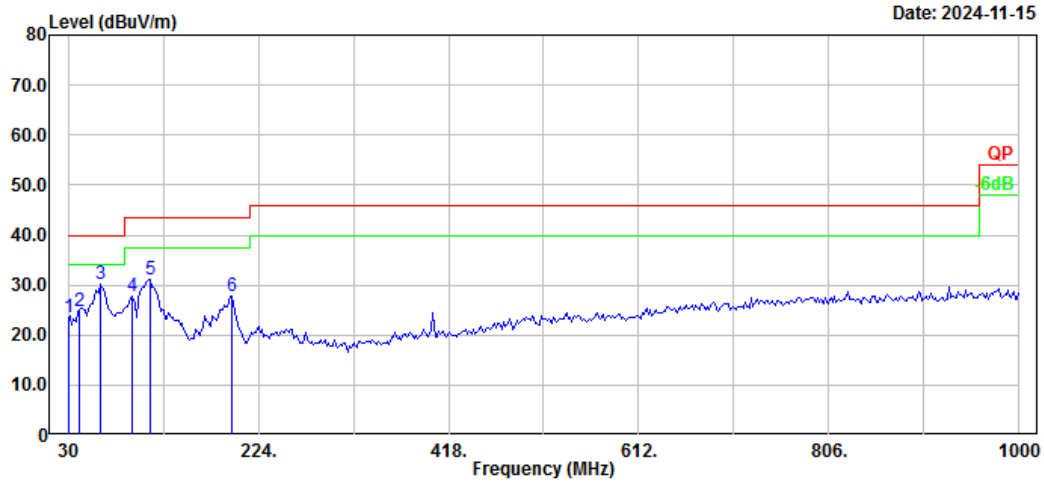
Project No.: 2402X36090E-RF Serial No.: 2RKV-1
Polarization: Horizontal Tester: Leesin Xiang
Test Mode: M3
Note: 136-173MHz (Antenna 1)



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	27.06	-3.80	23.26	40.00	16.74	Peak
2	64.92	48.64	-16.50	32.14	40.00	7.86	Peak
3	95.96	48.56	-15.22	33.34	43.50	10.16	Peak
4	107.60	49.50	-12.09	37.41	43.50	6.09	QP
5	194.90	42.74	-11.83	30.91	43.50	12.59	Peak
6	253.10	37.46	-11.34	26.12	46.00	19.88	Peak

Project No.: 2402X36090E-RF
Polarization: Vertical
Test Mode: M3
Note: 136-173MHz (Antenna 1)

Serial No.: 2RKV-1
Tester: Leesin Xiang

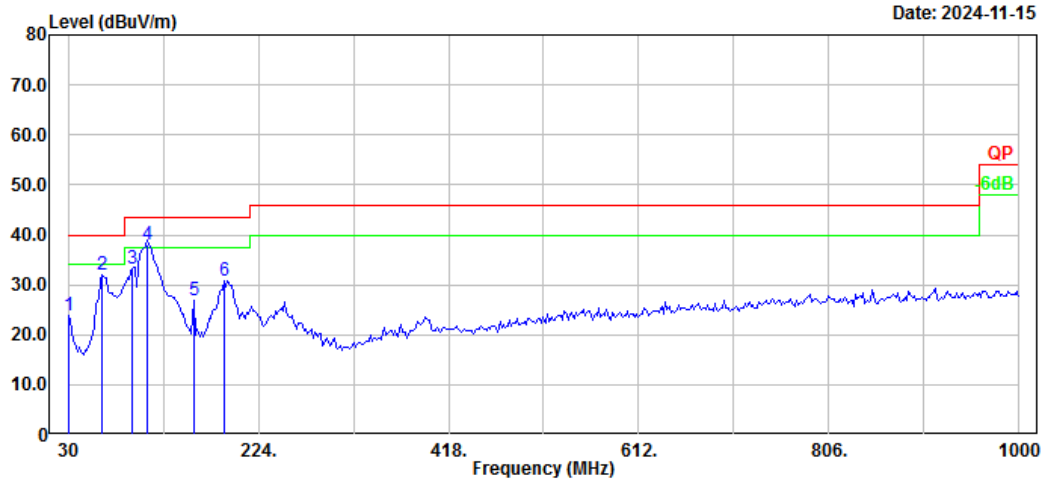


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	27.23	-3.80	23.43	40.00	16.57	Peak
2	41.64	36.71	-11.82	24.89	40.00	15.11	Peak
3	62.98	46.60	-16.56	30.04	40.00	9.96	Peak
4	95.96	43.08	-15.22	27.86	43.50	15.64	Peak
5	113.42	41.86	-10.87	30.99	43.50	12.51	Peak
6	196.84	39.63	-11.72	27.91	43.50	15.59	Peak

M3(220-259MHz):

Project No.: 2402X36090E-RF
Polarization: Horizontal
Test Mode: M3
Note: 220-259MHz (Antenna 1)

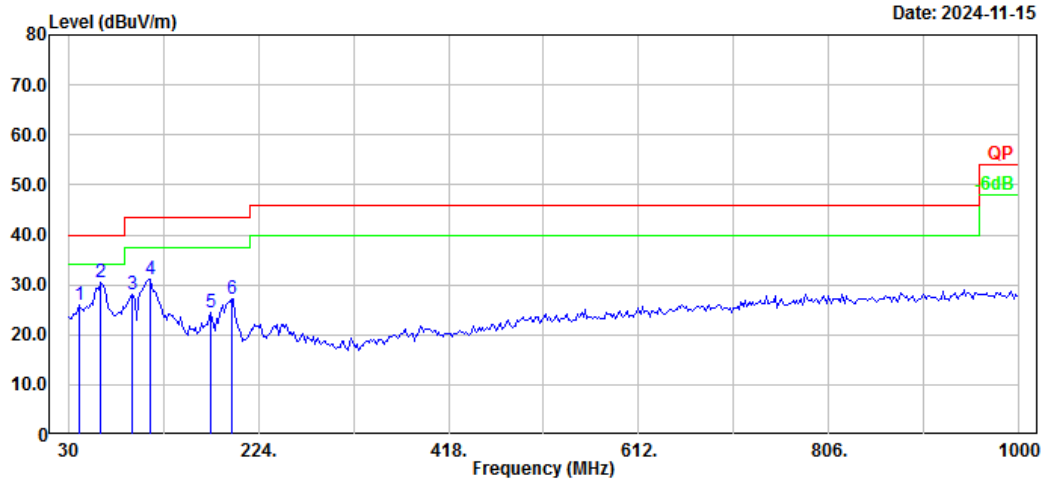
Serial No.: 2RKV-1
Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	27.75	-3.80	23.95	40.00	16.05	Peak
2	64.92	48.36	-16.50	31.86	40.00	8.14	Peak
3	95.96	48.57	-15.22	33.35	43.50	10.15	Peak
4	111.48	49.20	-11.15	38.05	43.50	5.45	QP
5	158.04	37.86	-11.13	26.73	43.50	16.77	Peak
6	189.08	43.06	-12.15	30.91	43.50	12.59	Peak

Project No.: 2402X36090E-RF
Polarization: Vertical
Test Mode: M3
Note: 220-259MHz (Antenna 1)

Serial No.: 2RKV-1
Tester: Leesin Xiang

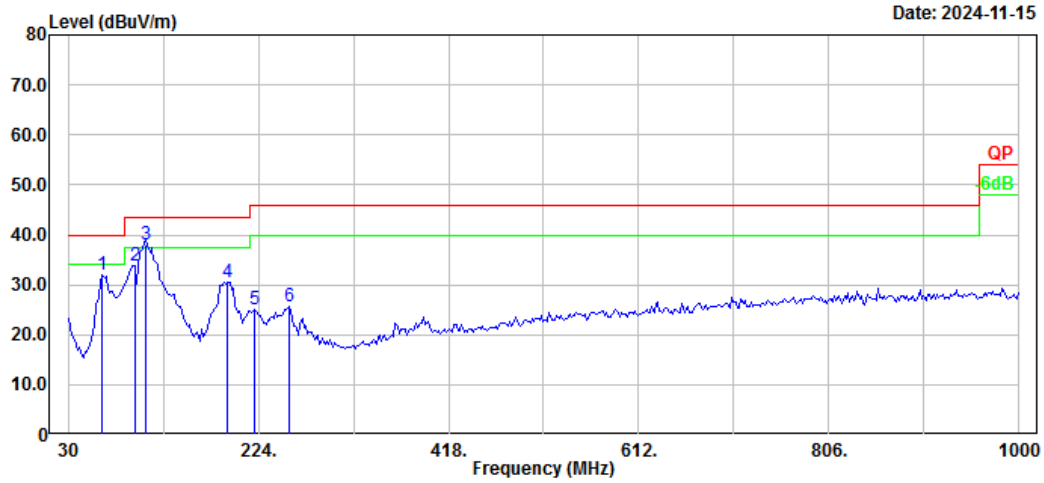


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	41.64	37.67	-11.82	25.85	40.00	14.15	Peak
2	62.98	46.93	-16.56	30.37	40.00	9.63	Peak
3	95.96	43.32	-15.22	28.10	43.50	15.40	Peak
4	113.42	41.90	-10.87	31.03	43.50	12.47	Peak
5	175.50	36.64	-12.10	24.54	43.50	18.96	Peak
6	196.84	38.86	-11.72	27.14	43.50	16.36	Peak

M3(350-390MHz):

Project No.: 2402X36090E-RF
Polarization: Horizontal
Test Mode: M3
Note: 350-390MHz (Antenna 1)

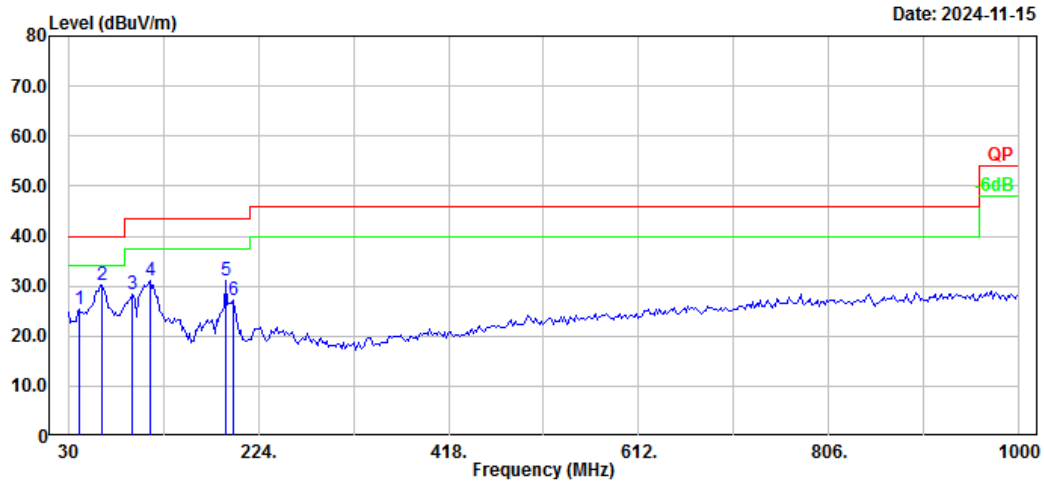
Serial No.: 2RKV-1
Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	64.92	48.41	-16.50	31.91	40.00	8.09	Peak
2	97.90	48.68	-14.83	33.85	43.50	9.65	Peak
3	109.54	49.39	-11.49	37.90	43.50	5.60	QP
4	192.96	42.51	-11.94	30.57	43.50	12.93	Peak
5	220.12	37.48	-12.50	24.98	46.00	21.02	Peak
6	255.04	36.91	-11.27	25.64	46.00	20.36	Peak

Project No.: 2402X36090E-RF
Polarization: Vertical
Test Mode: M3
Note: 350-390MHz (Antenna 1)

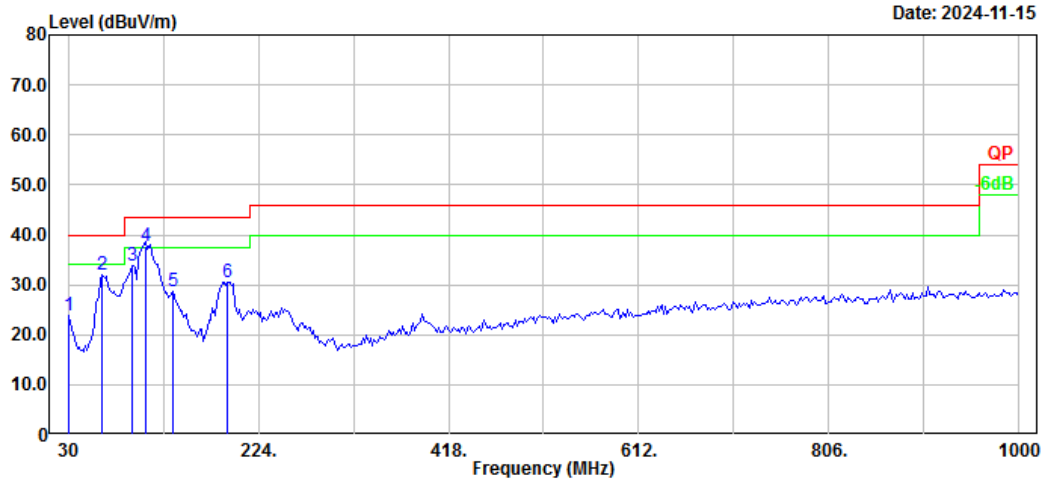
Serial No.: 2RKV-1
Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	41.64	37.26	-11.82	25.44	40.00	14.56	Peak
2	64.92	46.76	-16.50	30.26	40.00	9.74	Peak
3	95.96	43.61	-15.22	28.39	43.50	15.11	Peak
4	113.42	41.86	-10.87	30.99	43.50	12.51	Peak
5	191.02	43.20	-12.06	31.14	43.50	12.36	Peak
6	198.78	38.88	-11.60	27.28	43.50	16.22	Peak

M3(400-599MHz):

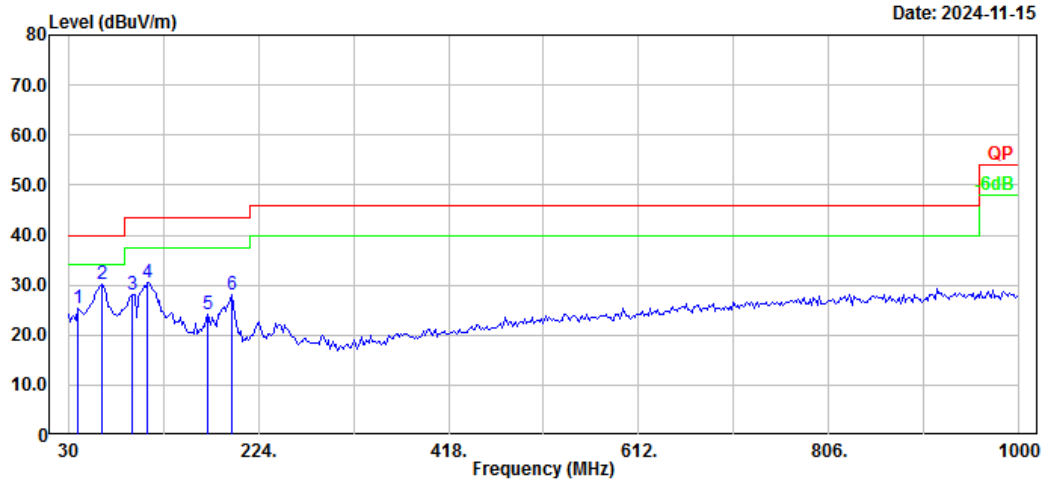
Project No.: 2402X36090E-RF Serial No.: 2RKV-1
Polarization: Horizontal Tester: Leesin Xiang
Test Mode: M3
Note: 400-599MHz (Antenna 1)



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	27.56	-3.80	23.76	40.00	16.24	Peak
2	64.92	48.38	-16.50	31.88	40.00	8.12	Peak
3	95.96	49.12	-15.22	33.90	43.50	9.60	Peak
4	109.54	49.19	-11.49	37.70	43.50	5.80	QP
5	136.70	38.85	-10.26	28.59	43.50	14.91	Peak
6	192.96	42.55	-11.94	30.61	43.50	12.89	Peak

Project No.: 2402X36090E-RF
Polarization: Vertical
Test Mode: M3
Note: 400-599MHz (Antenna 1)

Serial No.: 2RKV-1
Tester: Leesin Xiang

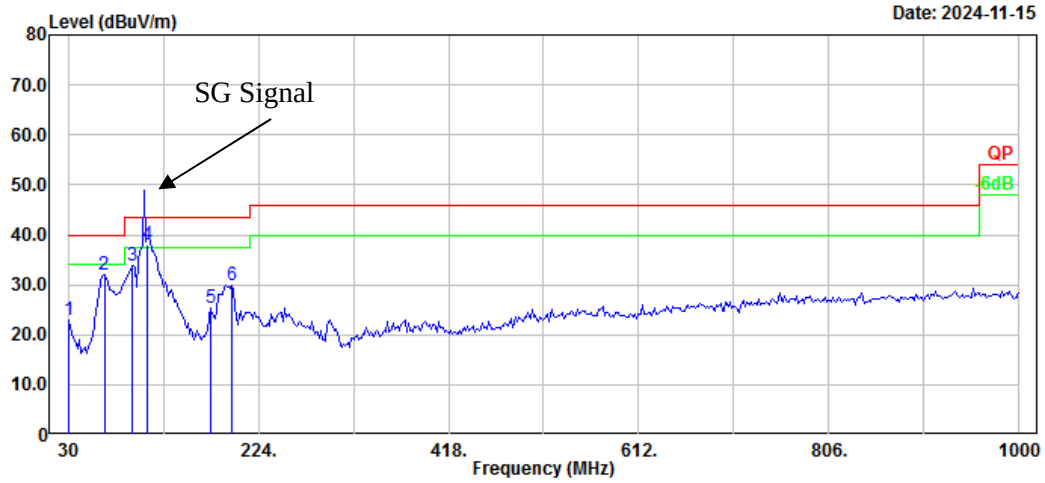


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	39.70	36.05	-10.73	25.32	40.00	14.68	Peak
2	64.92	46.80	-16.50	30.30	40.00	9.70	Peak
3	95.96	43.31	-15.22	28.09	43.50	15.41	Peak
4	111.48	41.66	-11.15	30.51	43.50	12.99	Peak
5	171.62	36.00	-11.87	24.13	43.50	19.37	Peak
6	196.84	39.83	-11.72	28.11	43.50	15.39	Peak

M4(108.0125MHz):

Project No.: 2402X36090E-RF
Polarization: Horizontal
Test Mode: M4
Note: 108.0125MHz (Antenna 1)

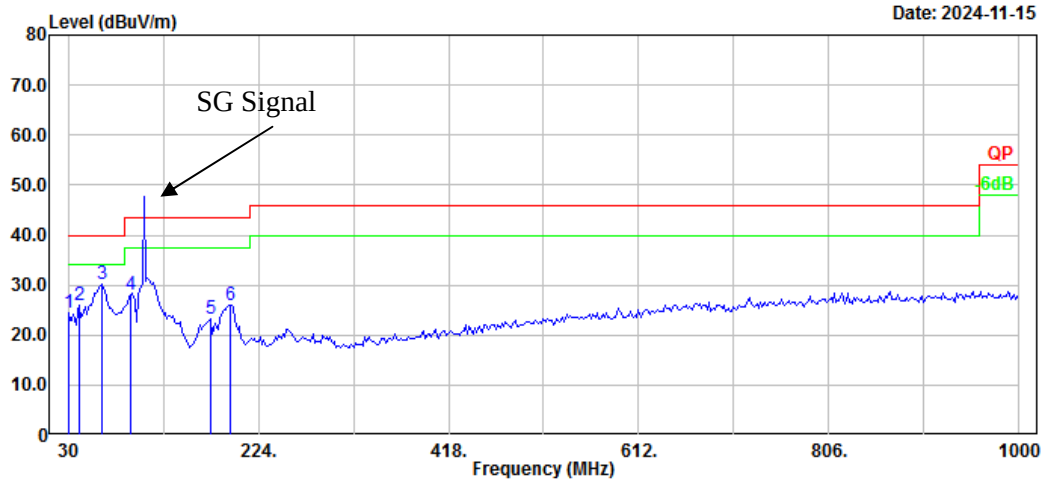
Serial No.: 2RKV-1
Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	26.66	-3.80	22.86	40.00	17.14	Peak
2	66.86	48.45	-16.42	32.03	40.00	7.97	Peak
3	95.96	49.10	-15.22	33.88	43.50	9.62	Peak
4	111.48	49.10	-11.15	37.95	43.50	5.55	QP
5	175.50	37.45	-12.10	25.35	43.50	18.15	Peak
6	196.84	41.71	-11.72	29.99	43.50	13.51	Peak

Project No.: 2402X36090E-RF
Polarization: Vertical
Test Mode: M4
Note: 108.0125MHz (Antenna 1)

Serial No.: 2RKV-1
Tester: Leesin Xiang

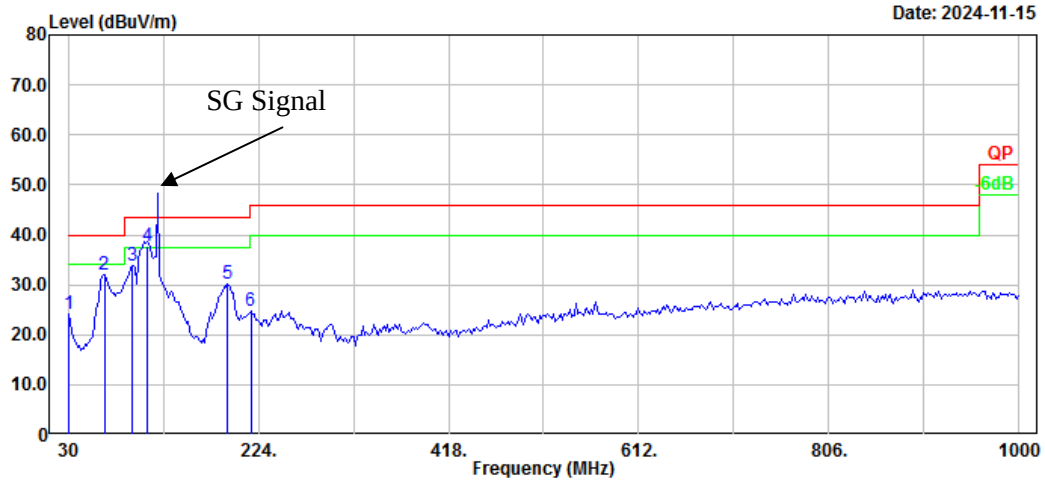


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	28.40	-3.80	24.60	40.00	15.40	Peak
2	41.64	37.64	-11.82	25.82	40.00	14.18	Peak
3	64.92	46.83	-16.50	30.33	40.00	9.67	Peak
4	94.02	43.68	-15.64	28.04	43.50	15.46	Peak
5	175.50	35.38	-12.10	23.28	43.50	20.22	Peak
6	194.90	37.87	-11.83	26.04	43.50	17.46	Peak

M4(122MHz):

Project No.: 2402X36090E-RF
Polarization: Horizontal
Test Mode: M4
Note: 122MHz (Antenna 1)

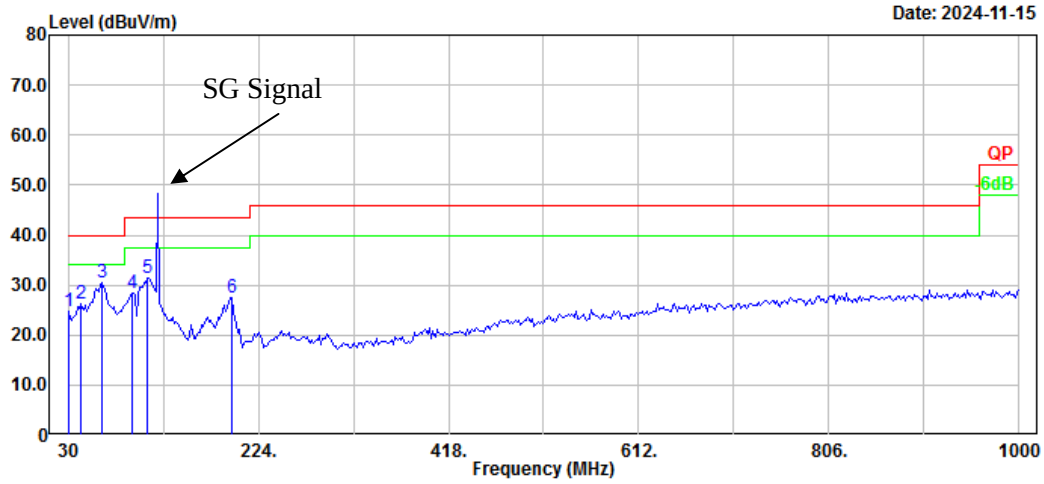
Serial No.: 2RKV-1
Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	27.84	-3.80	24.04	40.00	15.96	Peak
2	66.86	48.49	-16.42	32.07	40.00	7.93	Peak
3	95.96	49.18	-15.22	33.96	43.50	9.54	Peak
4	111.48	48.90	-11.15	37.75	43.50	5.75	QP
5	192.96	42.09	-11.94	30.15	43.50	13.35	Peak
6	216.24	37.40	-12.52	24.88	46.00	21.12	Peak

Project No.: 2402X36090E-RF
Polarization: Vertical
Test Mode: M4
Note: 122MHz (Antenna 1)

Serial No.: 2RKV-1
Tester: Leesin Xiang

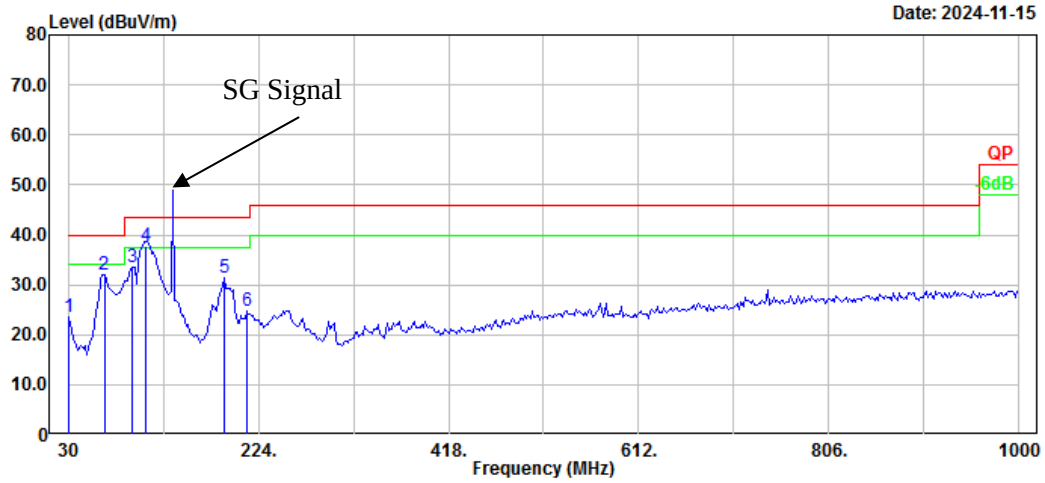


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	28.65	-3.80	24.85	40.00	15.15	Peak
2	43.58	39.01	-12.88	26.13	40.00	13.87	Peak
3	64.92	46.97	-16.50	30.47	40.00	9.53	Peak
4	95.96	43.62	-15.22	28.40	43.50	15.10	Peak
5	111.48	42.47	-11.15	31.32	43.50	12.18	Peak
6	196.84	39.31	-11.72	27.59	43.50	15.91	Peak

M4(135.9875MHz):

Project No.: 2402X36090E-RF
Polarization: Horizontal
Test Mode: M4
Note: 135.9875MHz (Antenna 1)

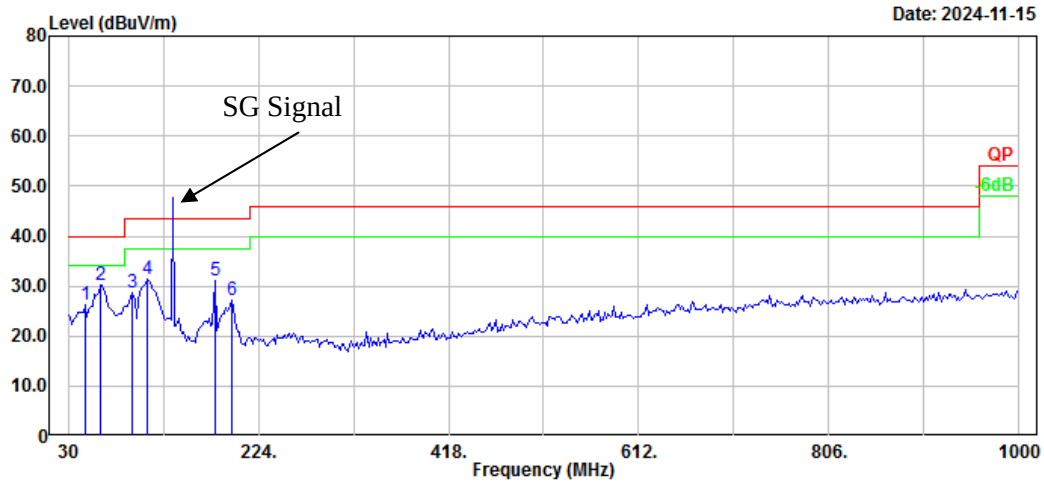
Serial No.: 2RKV-1
Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	27.25	-3.80	23.45	40.00	16.55	Peak
2	66.86	48.36	-16.42	31.94	40.00	8.06	Peak
3	95.96	48.88	-15.22	33.66	43.50	9.84	Peak
4	109.54	49.29	-11.49	37.80	43.50	5.70	QP
5	189.08	43.69	-12.15	31.54	43.50	11.96	Peak
6	212.36	37.27	-12.55	24.72	43.50	18.78	Peak

Project No.: 2402X36090E-RF
Polarization: Vertical
Test Mode: M4
Note: 135.9875MHz (Antenna 1)

Serial No.: 2RKV-1
Tester: Leesin Xiang

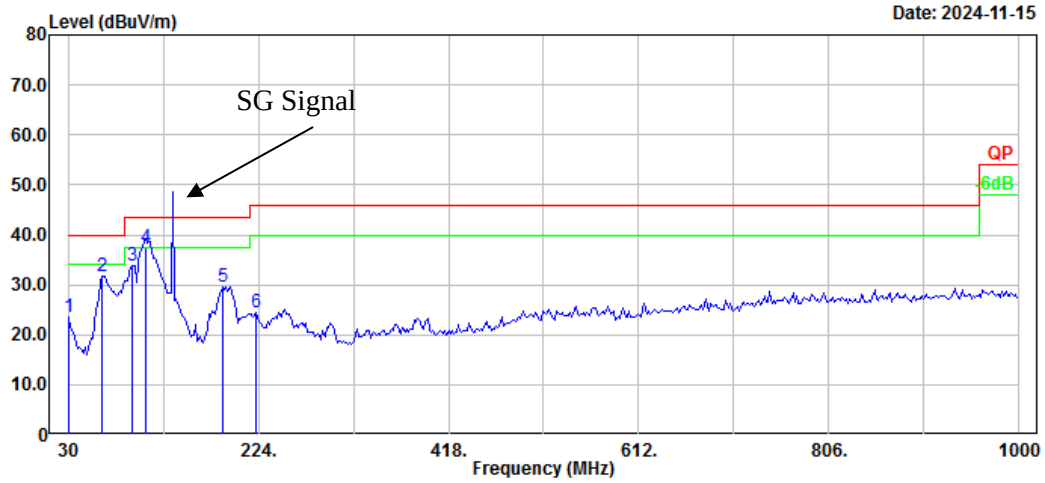


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	47.46	41.28	-15.04	26.24	40.00	13.76	Peak
2	62.98	46.82	-16.56	30.26	40.00	9.74	Peak
3	95.96	43.98	-15.22	28.76	43.50	14.74	Peak
4	111.48	42.44	-11.15	31.29	43.50	12.21	Peak
5	179.38	43.28	-12.32	30.96	43.50	12.54	Peak
6	196.84	38.99	-11.72	27.27	43.50	16.23	Peak

M4(136.0125MHz):

Project No.: 2402X36090E-RF
Polarization: Horizontal
Test Mode: M4
Note: 136.0125MHz (Antenna 1)

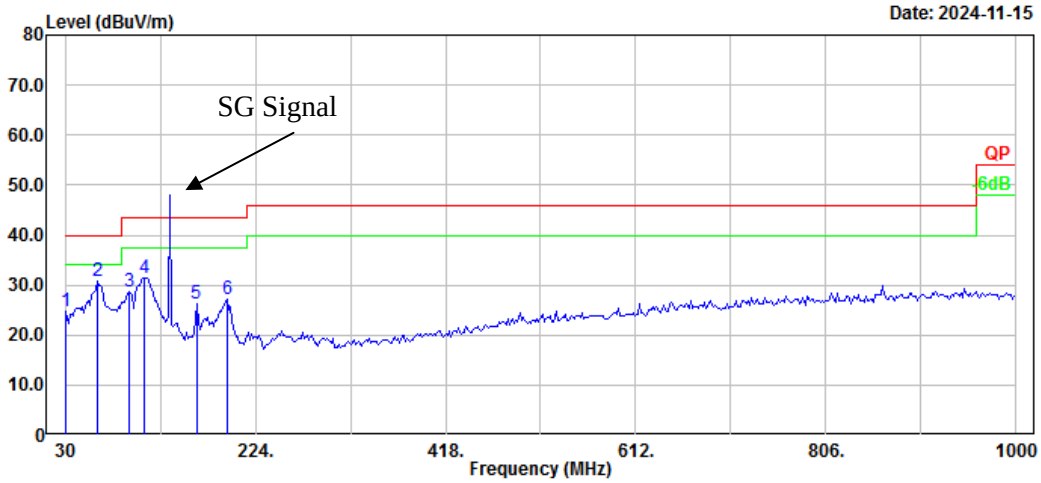
Serial No.: 2RKV-1
Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	27.42	-3.80	23.62	40.00	16.38	Peak
2	64.92	48.21	-16.50	31.71	40.00	8.29	Peak
3	95.96	49.11	-15.22	33.89	43.50	9.61	Peak
4	109.54	48.99	-11.49	37.50	43.50	6.00	QP
5	187.14	41.81	-12.19	29.62	43.50	13.88	Peak
6	222.06	36.77	-12.45	24.32	46.00	21.68	Peak

Project No.: 2402X36090E-RF
Polarization: Vertical
Test Mode: M4
Note: 136.0125MHz (Antenna 1)

Serial No.: 2RKV-1
Tester: Leesin Xiang

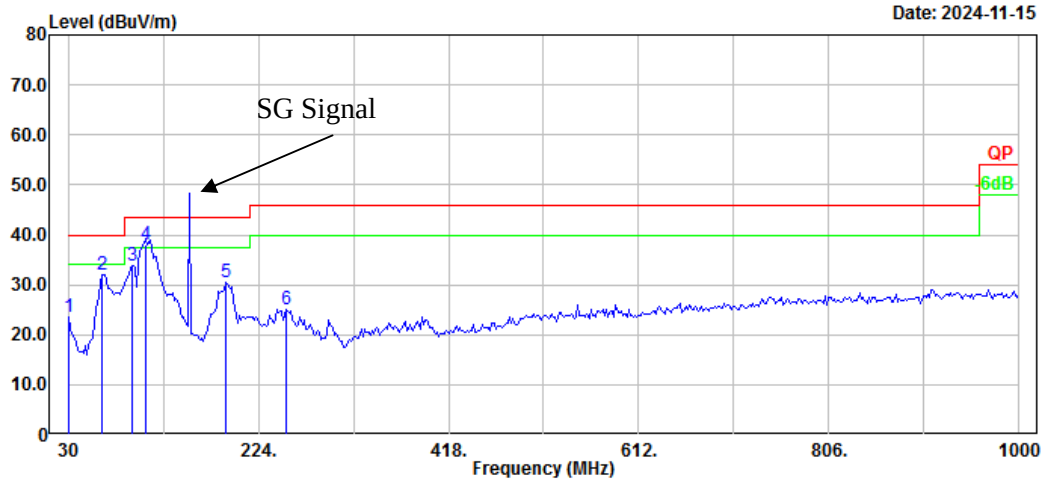


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	28.57	-3.80	24.77	40.00	15.23	Peak
2	62.98	47.23	-16.56	30.67	40.00	9.33	Peak
3	95.96	43.87	-15.22	28.65	43.50	14.85	Peak
4	111.48	42.62	-11.15	31.47	43.50	12.03	Peak
5	163.86	37.77	-11.39	26.38	43.50	17.12	Peak
6	194.90	38.86	-11.83	27.03	43.50	16.47	Peak

M4(155MHz):

Project No.: 2402X36090E-RF
Polarization: Horizontal
Test Mode: M4
Note: 155MHz (Antenna 1)

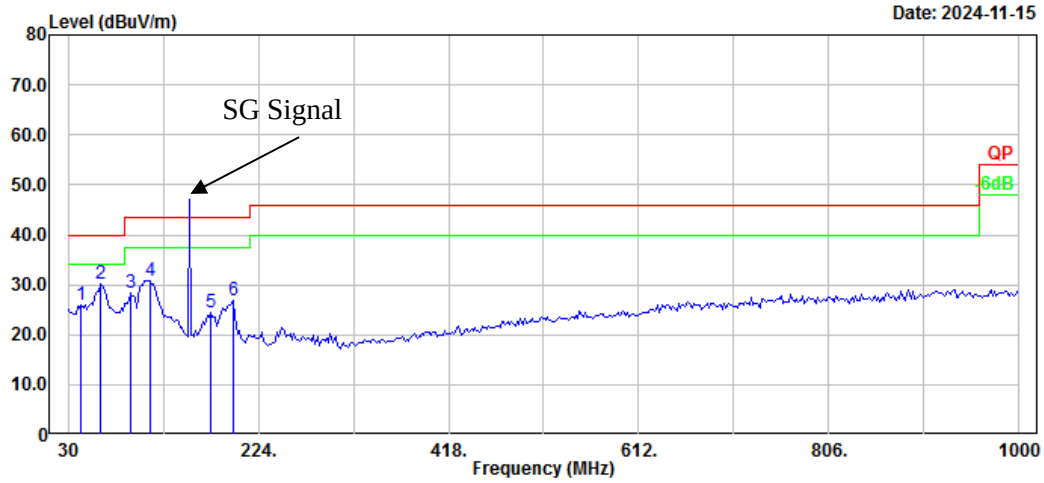
Serial No.: 2RKV-1
Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	27.24	-3.80	23.44	40.00	16.56	Peak
2	64.92	48.45	-16.50	31.95	40.00	8.05	Peak
3	95.96	49.03	-15.22	33.81	43.50	9.69	Peak
4	109.54	49.59	-11.49	38.10	43.50	5.40	QP
5	191.02	42.67	-12.06	30.61	43.50	12.89	Peak
6	253.10	36.44	-11.34	25.10	46.00	20.90	Peak

Project No.: 2402X36090E-RF
Polarization: Vertical
Test Mode: M4
Note: 155MHz (Antenna 1)

Serial No.: 2RKV-1
Tester: Leesin Xiang

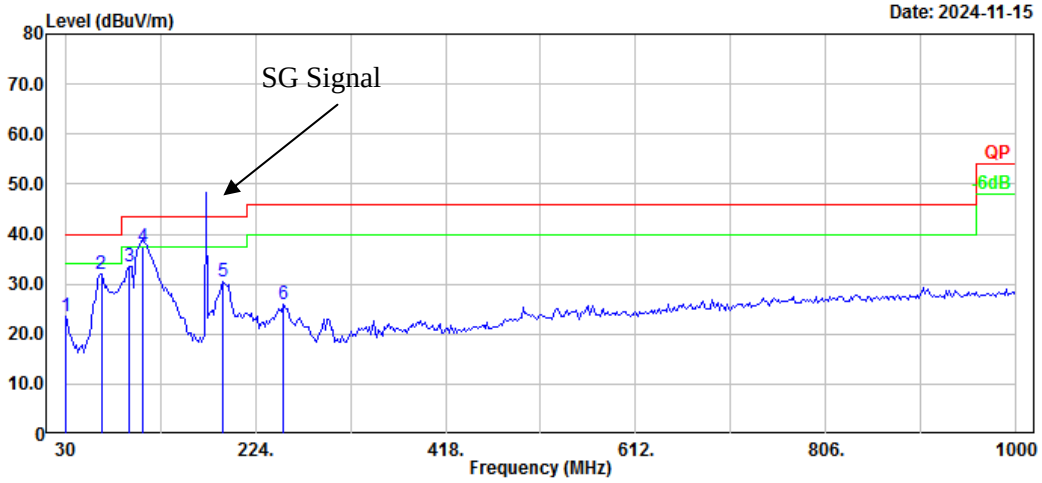


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	43.58	38.96	-12.88	26.08	40.00	13.92	Peak
2	62.98	46.72	-16.56	30.16	40.00	9.84	Peak
3	94.02	43.98	-15.64	28.34	43.50	15.16	Peak
4	113.42	41.73	-10.87	30.86	43.50	12.64	Peak
5	175.50	36.69	-12.10	24.59	43.50	18.91	Peak
6	198.78	38.56	-11.60	26.96	43.50	16.54	Peak

M4(172.9875MHz):

Project No.: 2402X36090E-RF
Polarization: Horizontal
Test Mode: M4
Note: 172.9875MHz (Antenna 1)

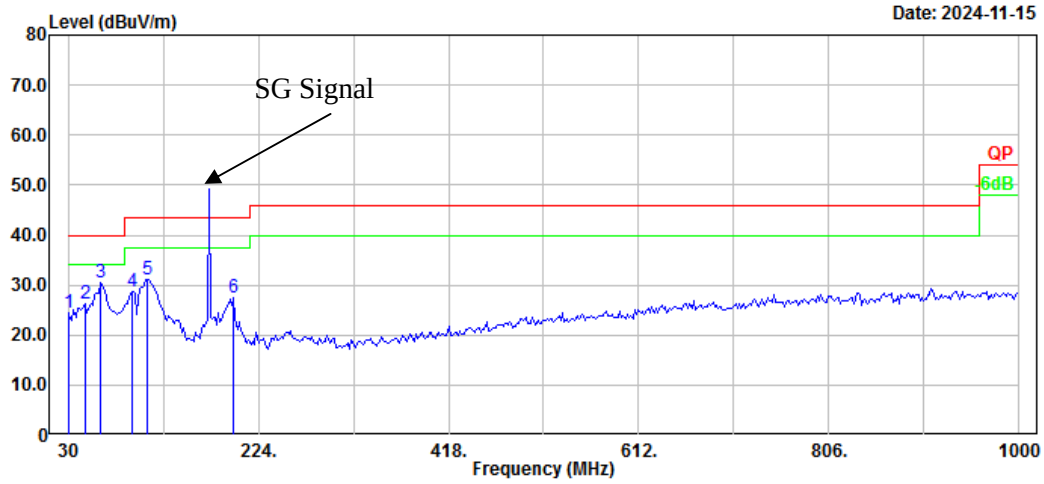
Serial No.: 2RKV-1
Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	27.34	-3.80	23.54	40.00	16.46	Peak
2	66.86	48.41	-16.42	31.99	40.00	8.01	Peak
3	95.96	48.82	-15.22	33.60	43.50	9.90	Peak
4	109.54	48.79	-11.49	37.30	43.50	6.20	QP
5	191.02	42.44	-12.06	30.38	43.50	13.12	Peak
6	253.10	37.43	-11.34	26.09	46.00	19.91	Peak

Project No.: 2402X36090E-RF
Polarization: Vertical
Test Mode: M4
Note: 172.9875MHz (Antenna 1)

Serial No.: 2RKV-1
Tester: Leesin Xiang

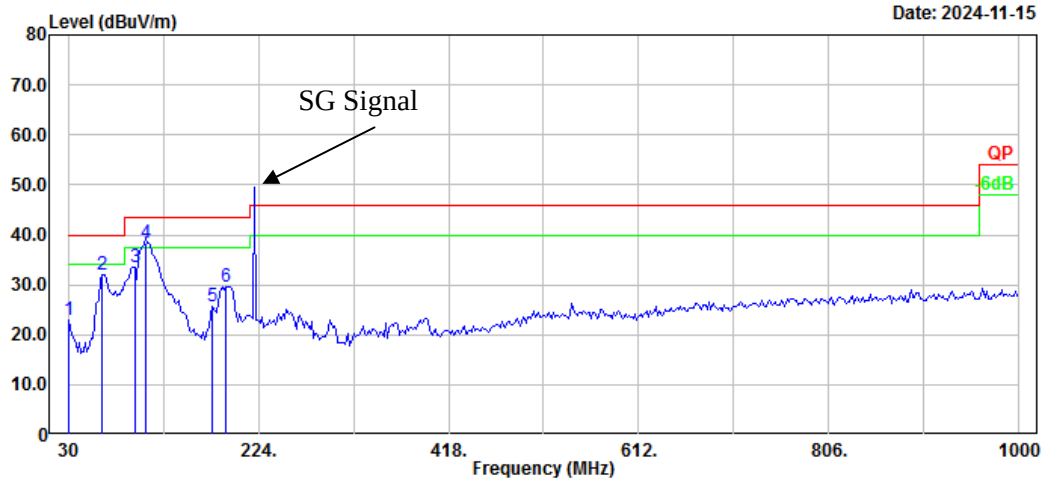


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	28.23	-3.80	24.43	40.00	15.57	Peak
2	47.46	41.16	-15.04	26.12	40.00	13.88	Peak
3	62.98	46.99	-16.56	30.43	40.00	9.57	Peak
4	95.96	43.82	-15.22	28.60	43.50	14.90	Peak
5	111.48	42.33	-11.15	31.18	43.50	12.32	Peak
6	198.78	38.96	-11.60	27.36	43.50	16.14	Peak

M4(220.0125MHz):

Project No.: 2402X36090E-RF
Polarization: Horizontal
Test Mode: M4
Note: 220.0125MHz (Antenna 1)

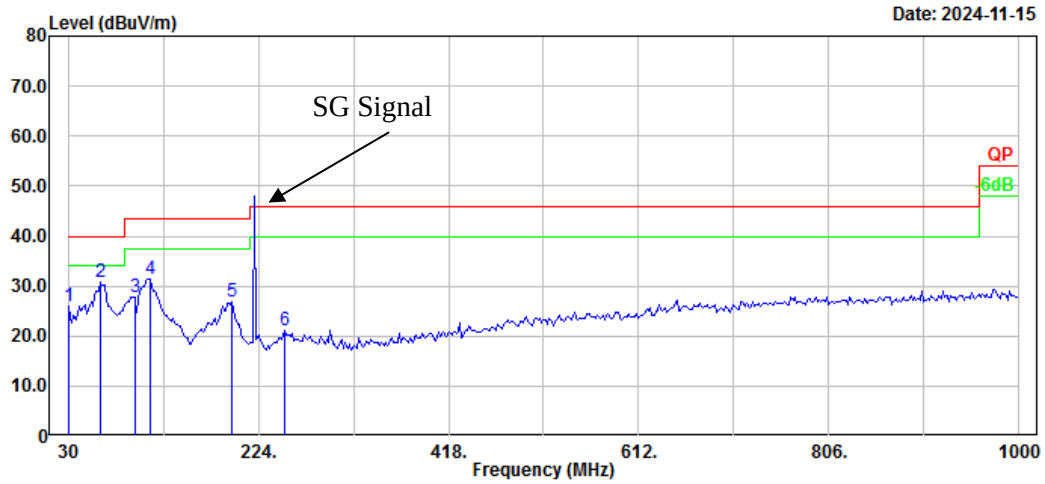
Serial No.: 2RKV-1
Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	26.78	-3.80	22.98	40.00	17.02	Peak
2	64.92	48.53	-16.50	32.03	40.00	7.97	Peak
3	97.90	48.43	-14.83	33.60	43.50	9.90	Peak
4	109.54	49.69	-11.49	38.20	43.50	5.30	QP
5	177.44	37.74	-12.21	25.53	43.50	17.97	Peak
6	191.02	41.77	-12.06	29.71	43.50	13.79	Peak

Project No.: 2402X36090E-RF
Polarization: Vertical
Test Mode: M4
Note: 220.0125MHz (Antenna 1)

Serial No.: 2RKV-1
Tester: Leesin Xiang

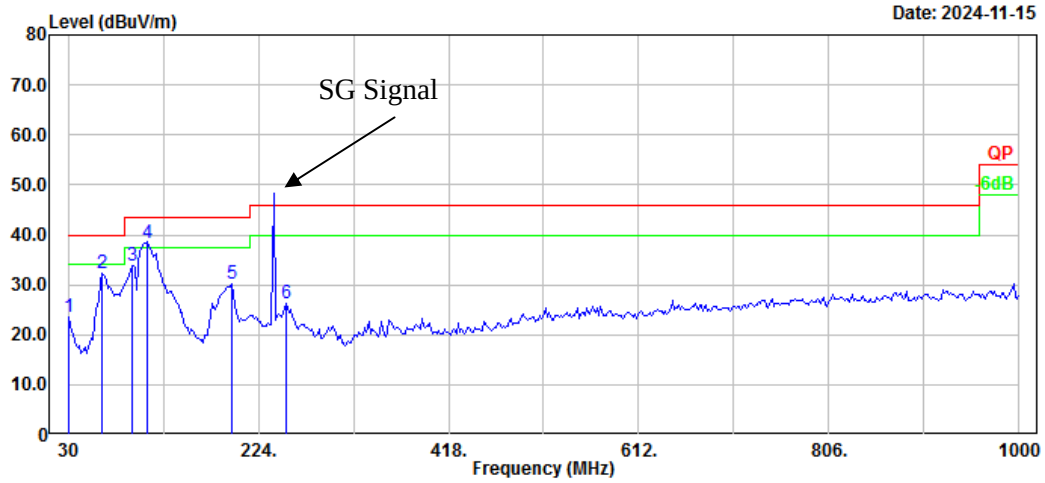


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	29.70	-3.80	25.90	40.00	14.10	Peak
2	62.98	47.26	-16.56	30.70	40.00	9.30	Peak
3	97.90	42.73	-14.83	27.90	43.50	15.60	Peak
4	113.42	42.31	-10.87	31.44	43.50	12.06	Peak
5	196.84	38.71	-11.72	26.99	43.50	16.51	Peak
6	251.16	32.66	-11.41	21.25	46.00	24.75	Peak

M4(240MHz):

Project No.: 2402X36090E-RF
Polarization: Horizontal
Test Mode: M4
Note: 240MHz (Antenna 1)

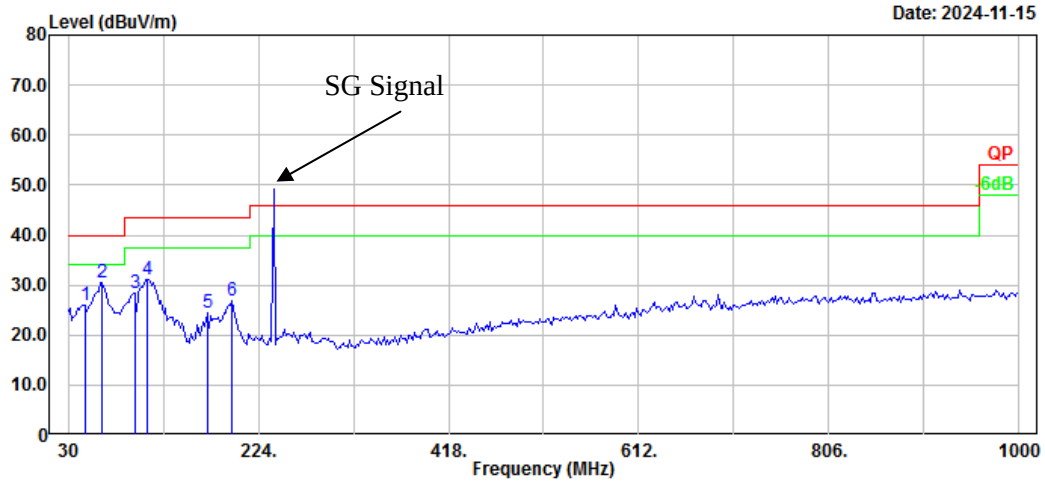
Serial No.: 2RKV-1
Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	27.44	-3.80	23.64	40.00	16.36	Peak
2	64.92	48.74	-16.50	32.24	40.00	7.76	Peak
3	95.96	49.01	-15.22	33.79	43.50	9.71	Peak
4	111.48	49.50	-11.15	38.35	43.50	5.15	QP
5	196.84	41.93	-11.72	30.21	43.50	13.29	Peak
6	253.10	37.69	-11.34	26.35	46.00	19.65	Peak

Project No.: 2402X36090E-RF
Polarization: Vertical
Test Mode: M4
Note: 240MHz (Antenna 1)

Serial No.: 2RKV-1
Tester: Leesin Xiang

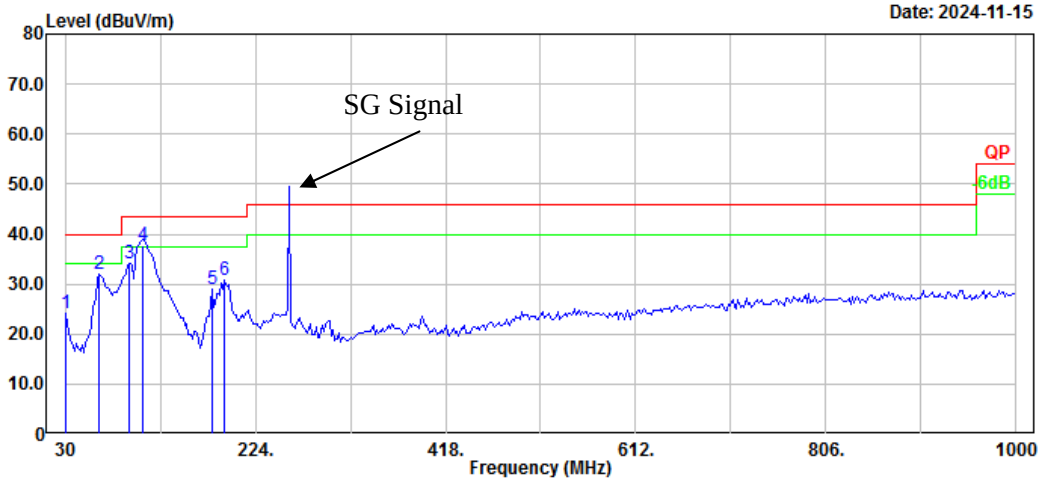


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	47.46	40.99	-15.04	25.95	40.00	14.05	Peak
2	64.92	47.03	-16.50	30.53	40.00	9.47	Peak
3	97.90	43.10	-14.83	28.27	43.50	15.23	Peak
4	111.48	42.35	-11.15	31.20	43.50	12.30	Peak
5	171.62	36.27	-11.87	24.40	43.50	19.10	Peak
6	196.84	38.64	-11.72	26.92	43.50	16.58	Peak

M4(258.9875MHz):

Project No.: 2402X36090E-RF
Polarization: Horizontal
Test Mode: M4
Note: 258.9875MHz (Antenna 1)

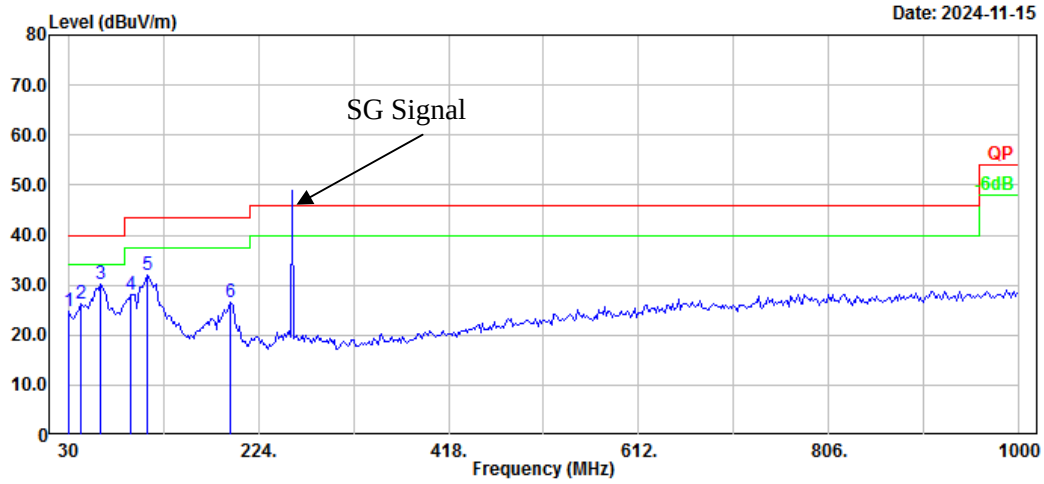
Serial No.: 2RKV-1
Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	28.04	-3.80	24.24	40.00	15.76	Peak
2	64.92	48.51	-16.50	32.01	40.00	7.99	Peak
3	95.96	49.41	-15.22	34.19	43.50	9.31	Peak
4	109.54	49.19	-11.49	37.70	43.50	5.80	QP
5	179.38	41.20	-12.32	28.88	43.50	14.62	Peak
6	192.96	42.81	-11.94	30.87	43.50	12.63	Peak

Project No.: 2402X36090E-RF
Polarization: Vertical
Test Mode: M4
Note: 258.9875MHz (Antenna 1)

Serial No.: 2RKV-1
Tester: Leesin Xiang

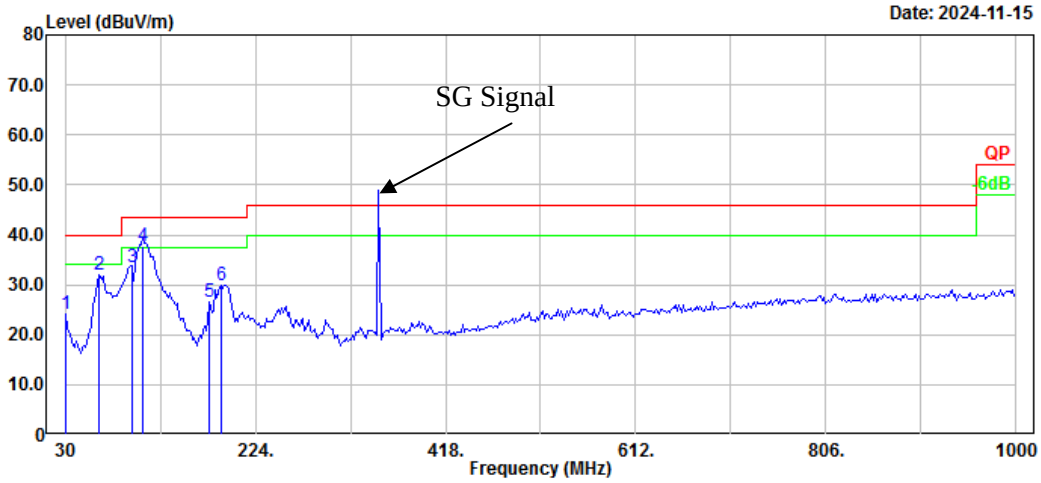


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	28.59	-3.80	24.79	40.00	15.21	Peak
2	43.58	39.27	-12.88	26.39	40.00	13.61	Peak
3	62.98	46.73	-16.56	30.17	40.00	9.83	Peak
4	94.02	43.83	-15.64	28.19	43.50	15.31	Peak
5	111.48	43.02	-11.15	31.87	43.50	11.63	Peak
6	194.90	38.29	-11.83	26.46	43.50	17.04	Peak

M4(350.0125MHz):

Project No.: 2402X36090E-RF
Polarization: Horizontal
Test Mode: M4
Note: 350.0125MHz (Antenna 1)

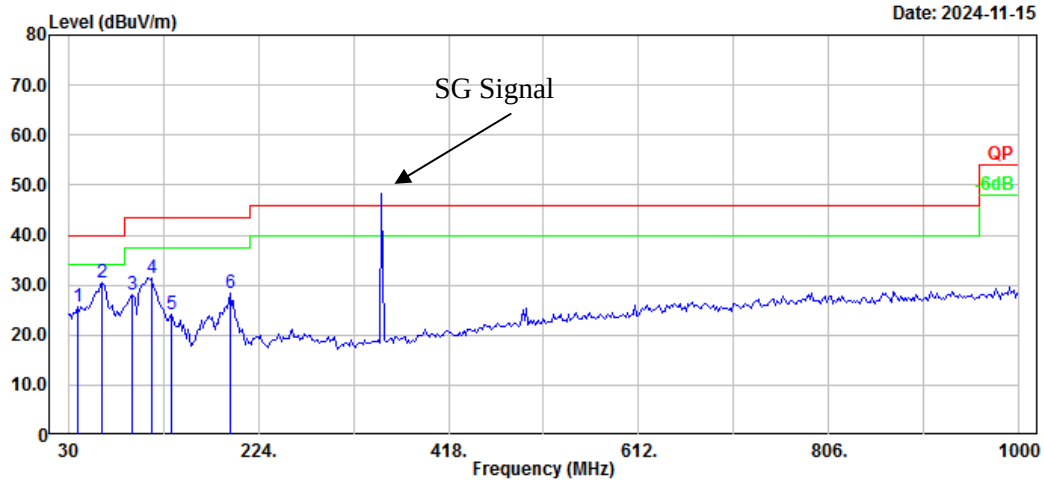
Serial No.: 2RKV-1
Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	27.97	-3.80	24.17	40.00	15.83	Peak
2	64.92	48.55	-16.50	32.05	40.00	7.95	Peak
3	97.90	48.49	-14.83	33.66	43.50	9.84	Peak
4	109.54	49.19	-11.49	37.70	43.50	5.80	QP
5	177.44	38.87	-12.21	26.66	43.50	16.84	Peak
6	189.08	41.94	-12.15	29.79	43.50	13.71	Peak

Project No.: 2402X36090E-RF
Polarization: Vertical
Test Mode: M4
Note: 350.0125MHz (Antenna 1)

Serial No.: 2RKV-1
Tester: Leesin Xiang

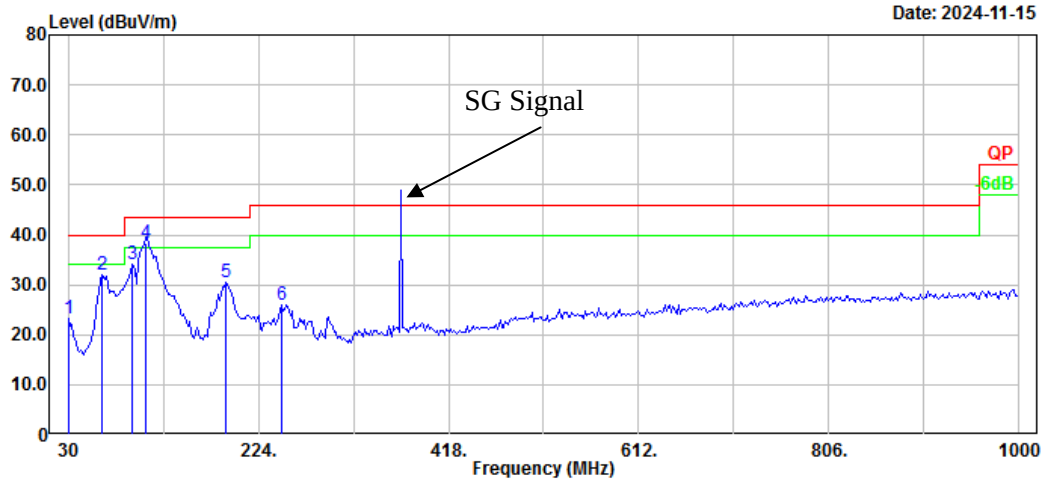


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	39.70	36.47	-10.73	25.74	40.00	14.26	Peak
2	64.92	46.92	-16.50	30.42	40.00	9.58	Peak
3	95.96	43.18	-15.22	27.96	43.50	15.54	Peak
4	115.36	41.98	-10.60	31.38	43.50	12.12	Peak
5	134.76	34.43	-10.14	24.29	43.50	19.21	Peak
6	194.90	40.06	-11.83	28.23	43.50	15.27	Peak

M4(370MHz):

Project No.: 2402X36090E-RF
Polarization: Horizontal
Test Mode: M4
Note: 370MHz (Antenna 1)

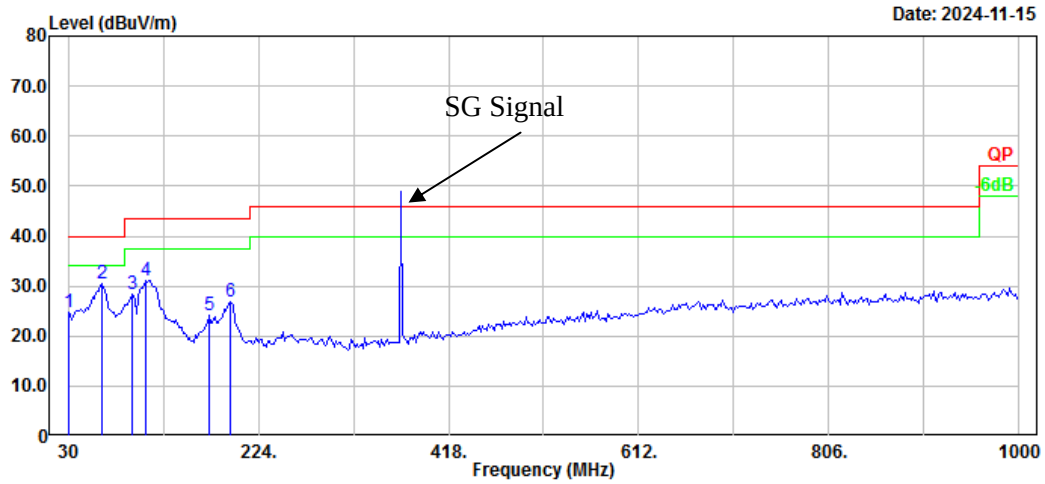
Serial No.: 2RKV-1
Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	27.05	-3.80	23.25	40.00	16.75	Peak
2	64.92	48.36	-16.50	31.86	40.00	8.14	Peak
3	95.96	49.22	-15.22	34.00	43.50	9.50	Peak
4	109.54	49.69	-11.49	38.20	43.50	5.30	QP
5	191.02	42.54	-12.06	30.48	43.50	13.02	Peak
6	247.28	37.42	-11.52	25.90	46.00	20.10	Peak

Project No.: 2402X36090E-RF
Polarization: Vertical
Test Mode: M4
Note: 370MHz (Antenna 1)

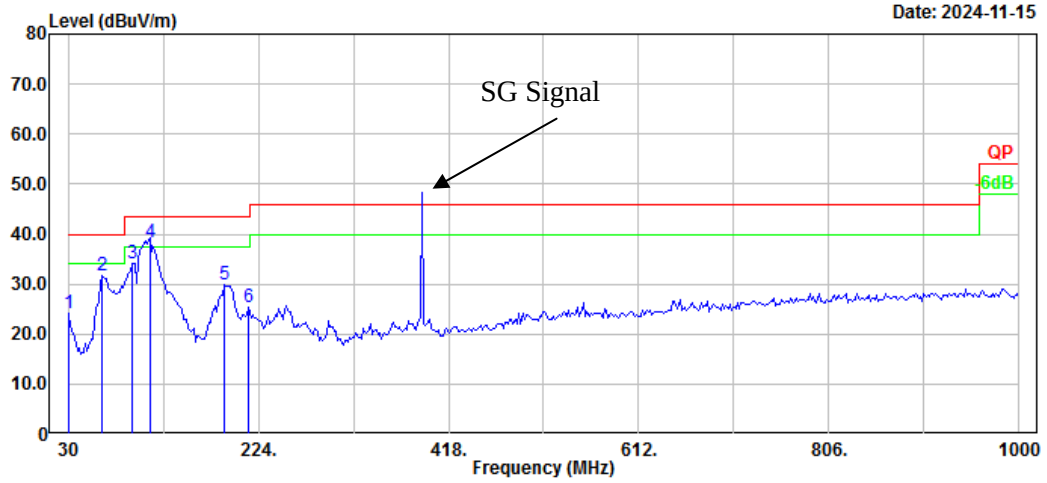
Serial No.: 2RKV-1
Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	28.60	-3.80	24.80	40.00	15.20	Peak
2	64.92	47.13	-16.50	30.63	40.00	9.37	Peak
3	95.96	43.55	-15.22	28.33	43.50	15.17	Peak
4	109.54	42.62	-11.49	31.13	43.50	12.37	Peak
5	173.56	36.12	-11.98	24.14	43.50	19.36	Peak
6	194.90	38.57	-11.83	26.74	43.50	16.76	Peak

M4(389.9875MHz):

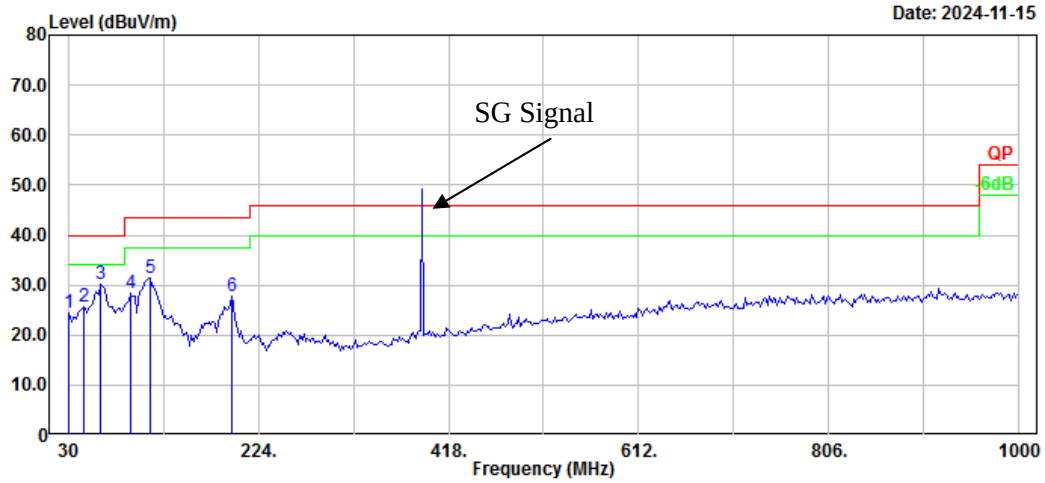
Project No.: 2402X36090E-RF Serial No.: 2RKV-1
Polarization: Horizontal Tester: Leesin Xiang
Test Mode: M4
Note: 389.9875MHz (Antenna 1)



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	27.81	-3.80	24.01	40.00	15.99	Peak
2	64.92	48.21	-16.50	31.71	40.00	8.29	Peak
3	95.96	49.25	-15.22	34.03	43.50	9.47	Peak
4	113.42	49.20	-10.87	38.33	43.50	5.17	QP
5	189.08	42.15	-12.15	30.00	43.50	13.50	Peak
6	214.30	37.77	-12.54	25.23	43.50	18.27	Peak

Project No.: 2402X36090E-RF
Polarization: Vertical
Test Mode: M4
Note: 389.9875MHz (Antenna 1)

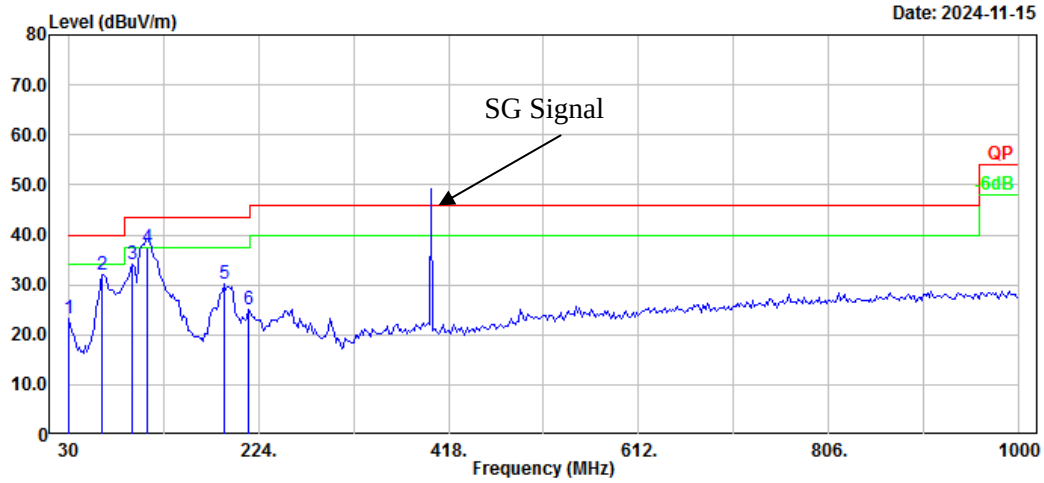
Serial No.: 2RKV-1
Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	28.18	-3.80	24.38	40.00	15.62	Peak
2	45.52	39.52	-13.94	25.58	40.00	14.42	Peak
3	62.98	46.72	-16.56	30.16	40.00	9.84	Peak
4	94.02	43.98	-15.64	28.34	43.50	15.16	Peak
5	113.42	42.36	-10.87	31.49	43.50	12.01	Peak
6	196.84	39.44	-11.72	27.72	43.50	15.78	Peak

M4(400.0125MHz):

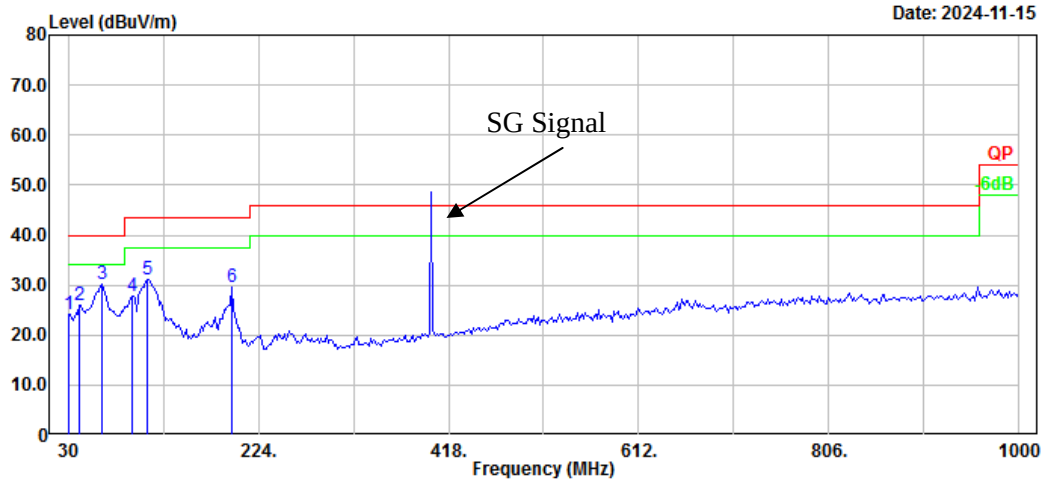
Project No.: 2402X36090E-RF Serial No.: 2RKV-1
Polarization: Horizontal Tester: Leesin Xiang
Test Mode: M4
Note: 400.0125MHz (Antenna 1)



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	27.16	-3.80	23.36	40.00	16.64	Peak
2	64.92	48.37	-16.50	31.87	40.00	8.13	Peak
3	95.96	49.45	-15.22	34.23	43.50	9.27	Peak
4	111.48	48.70	-11.15	37.55	43.50	5.95	QP
5	189.08	42.48	-12.15	30.33	43.50	13.17	Peak
6	214.30	37.49	-12.54	24.95	43.50	18.55	Peak

Project No.: 2402X36090E-RF
Polarization: Vertical
Test Mode: M4
Note: 400.0125MHz (Antenna 1)

Serial No.: 2RKV-1
Tester: Leesin Xiang

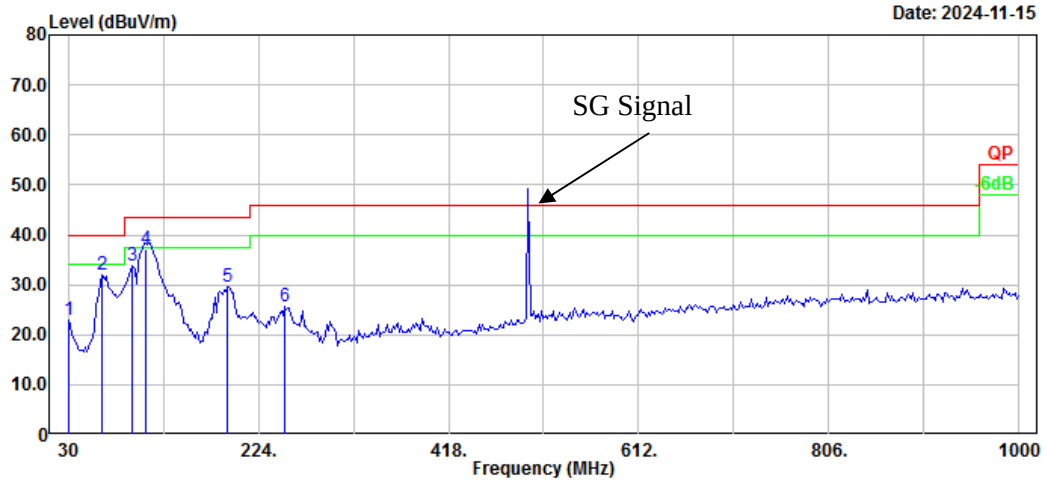


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	27.93	-3.80	24.13	40.00	15.87	Peak
2	41.64	37.71	-11.82	25.89	40.00	14.11	Peak
3	64.92	46.76	-16.50	30.26	40.00	9.74	Peak
4	95.96	43.08	-15.22	27.86	43.50	15.64	Peak
5	111.48	42.32	-11.15	31.17	43.50	12.33	Peak
6	196.84	41.36	-11.72	29.64	43.50	13.86	Peak

M4(500MHz):

Project No.: 2402X36090E-RF
Polarization: Horizontal
Test Mode: M4
Note: 500MHz (Antenna 1)

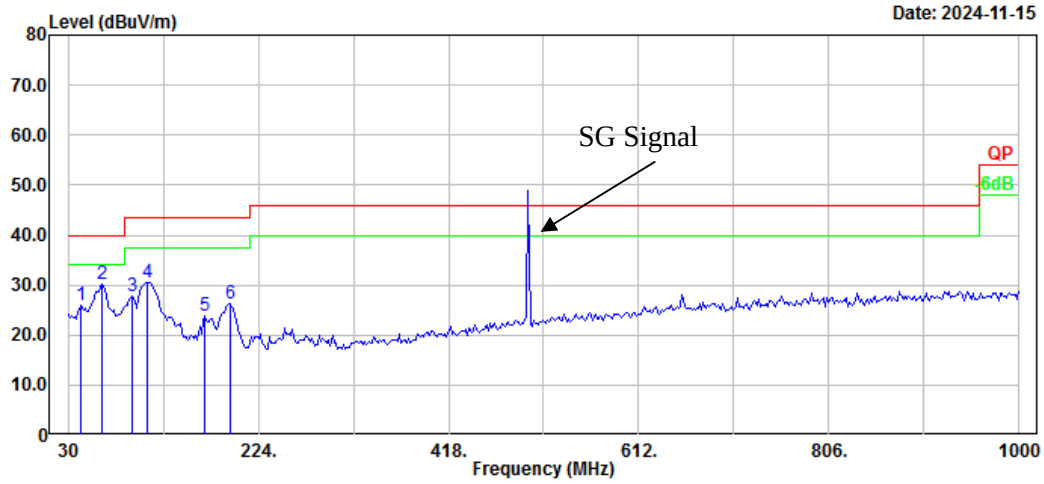
Serial No.: 2RKV-1
Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	30.00	26.86	-3.80	23.06	40.00	16.94	Peak
2	64.92	48.63	-16.50	32.13	40.00	7.87	Peak
3	95.96	49.02	-15.22	33.80	43.50	9.70	Peak
4	109.54	48.59	-11.49	37.10	43.50	6.40	QP
5	192.96	41.58	-11.94	29.64	43.50	13.86	Peak
6	251.16	37.14	-11.41	25.73	46.00	20.27	Peak

Project No.: 2402X36090E-RF
Polarization: Vertical
Test Mode: M4
Note: 500MHz (Antenna 1)

Serial No.: 2RKV-1
Tester: Leesin Xiang

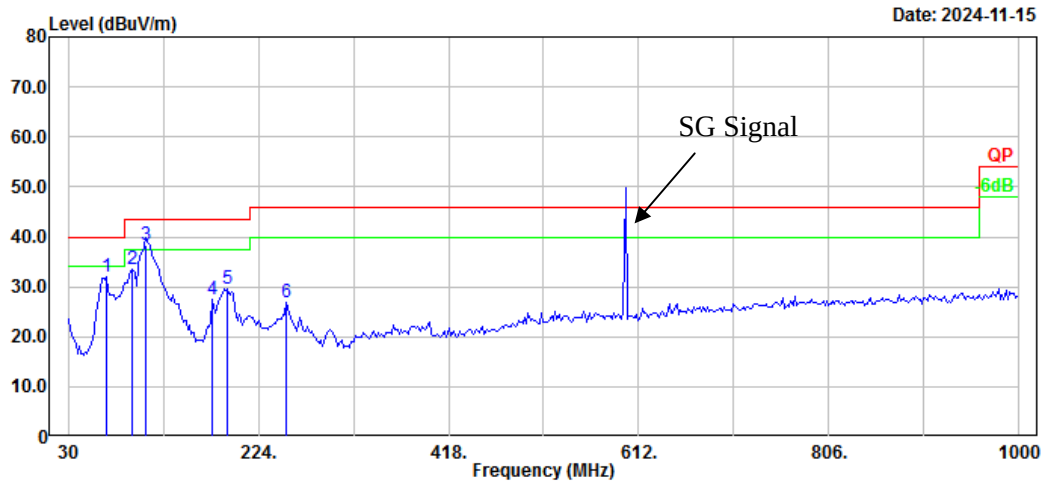


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	43.58	38.82	-12.88	25.94	40.00	14.06	Peak
2	64.92	46.66	-16.50	30.16	40.00	9.84	Peak
3	95.96	43.10	-15.22	27.88	43.50	15.62	Peak
4	111.48	41.70	-11.15	30.55	43.50	12.95	Peak
5	169.68	35.46	-11.76	23.70	43.50	19.80	Peak
6	194.90	38.10	-11.83	26.27	43.50	17.23	Peak

M4(598.9875MHz):

Project No.: 2402X36090E-RF
Polarization: Horizontal
Test Mode: M4
Note: 598.9875MHz (Antenna 1)

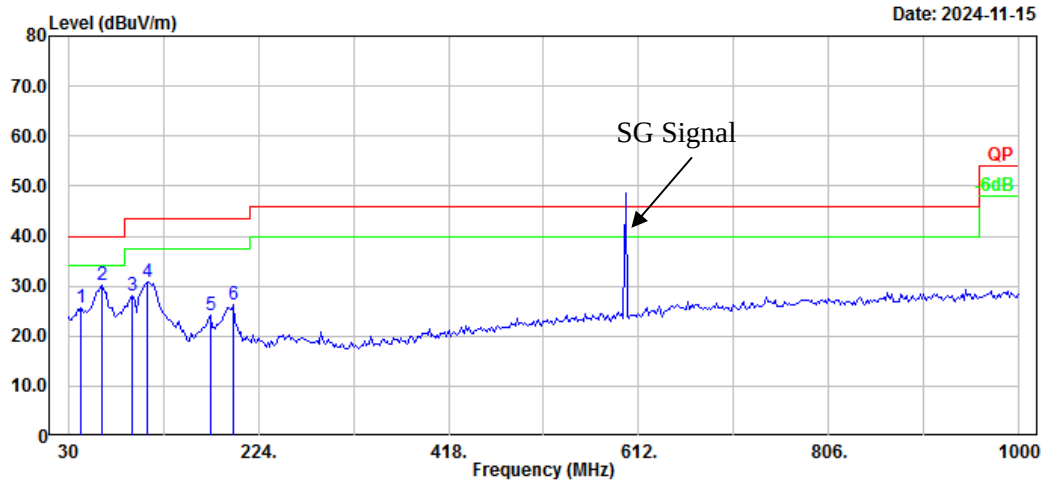
Serial No.: 2RKV-1
Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	68.80	48.37	-16.33	32.04	40.00	7.96	Peak
2	95.96	48.86	-15.22	33.64	43.50	9.86	Peak
3	109.54	49.79	-11.49	38.30	43.50	5.20	QP
4	177.44	39.60	-12.21	27.39	43.50	16.11	Peak
5	192.96	41.62	-11.94	29.68	43.50	13.82	Peak
6	253.10	38.08	-11.34	26.74	46.00	19.26	Peak

Project No.: 2402X36090E-RF
Polarization: Vertical
Test Mode: M4
Note: 598.9875MHz (Antenna 1)

Serial No.: 2RKV-1
Tester: Leesin Xiang



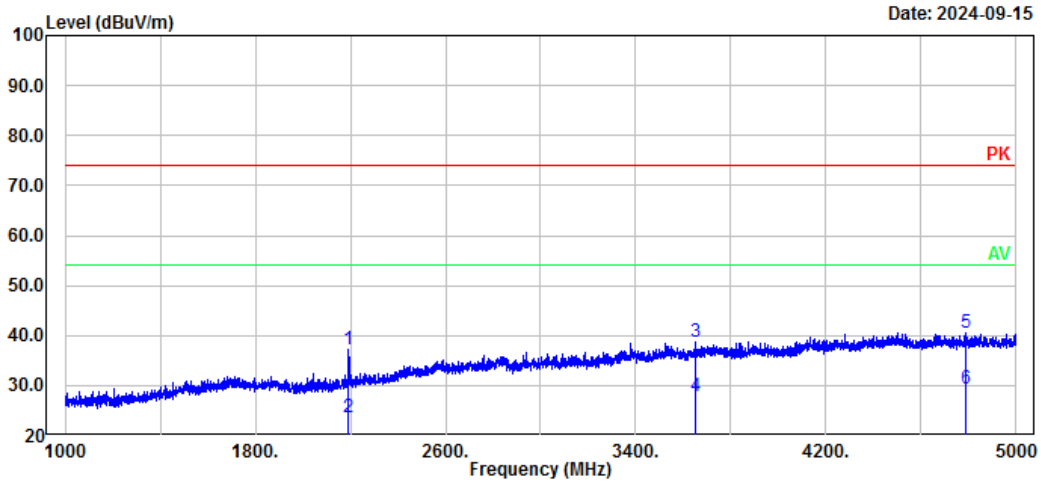
No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	43.58	38.67	-12.88	25.79	40.00	14.21	Peak
2	64.92	46.81	-16.50	30.31	40.00	9.69	Peak
3	95.96	43.28	-15.22	28.06	43.50	15.44	Peak
4	111.48	41.86	-11.15	30.71	43.50	12.79	Peak
5	175.50	36.23	-12.10	24.13	43.50	19.37	Peak
6	198.78	37.95	-11.60	26.35	43.50	17.15	Peak

2) 1GHz-5GHz:

M3(136-173MHz with Antenna 1) is the worst for scanning mode

Project No.: 2402X36090E-RF
Polarization: Horizontal
Test Mode: M3
Note: 136-173MHz,Antenna 1

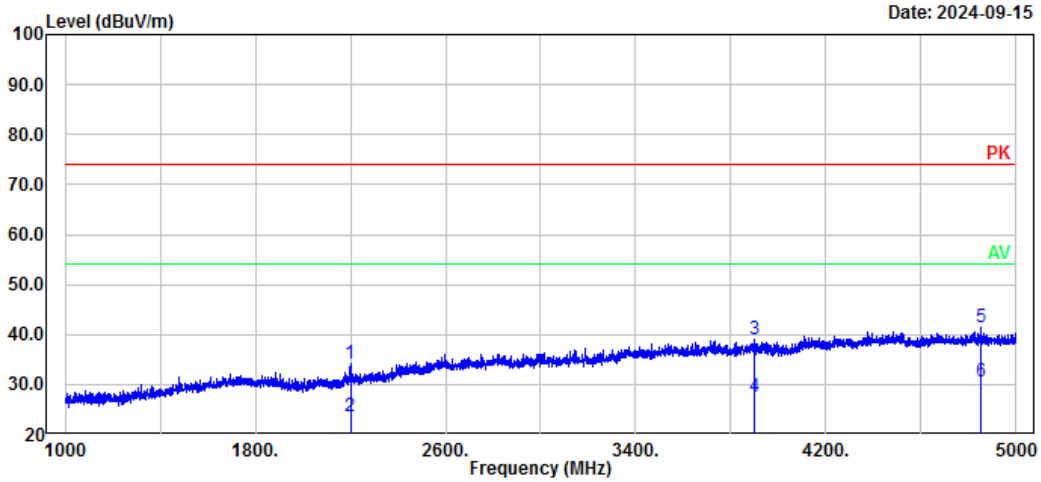
Serial No.: 2RKV-1
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	2192.00	52.78	-15.52	37.26	74.00	36.74	Peak
2	2192.00	39.08	-15.52	23.56	54.00	30.44	Average
3	3648.80	50.17	-11.47	38.70	74.00	35.30	Peak
4	3648.80	39.19	-11.47	27.72	54.00	26.28	Average
5	4790.40	50.60	-10.12	40.48	74.00	33.52	Peak
6	4790.40	39.53	-10.12	29.41	54.00	24.59	Average

Project No.: 2402X36090E-RF
Polarization: Vertical
Test Mode: M3
Note: 136-173MHz,Antenna 1

Serial No.: 2RKV-1
Tester: Leo Xiao

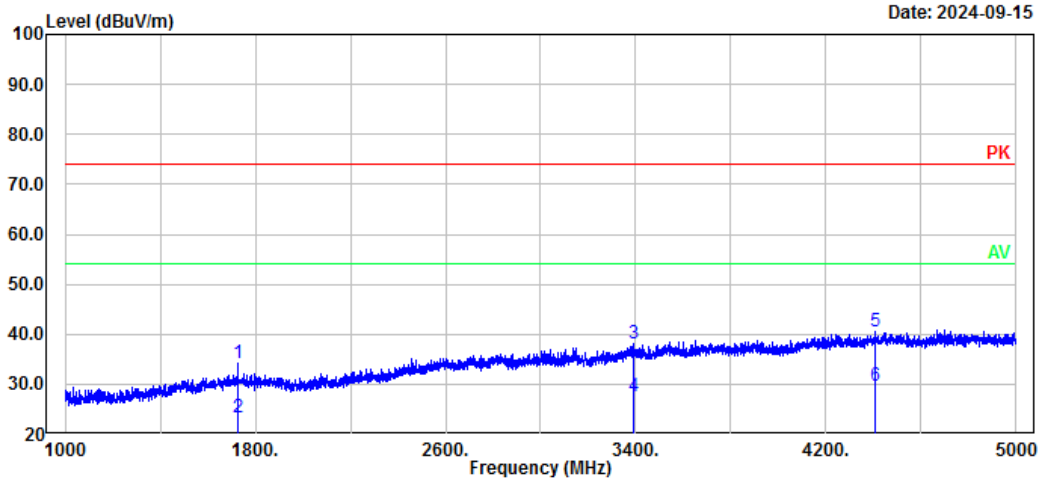


No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	2200.00	49.65	-15.50	34.15	74.00	39.85	Peak
2	2200.00	39.13	-15.50	23.63	54.00	30.37	Average
3	3897.60	49.93	-11.02	38.91	74.00	35.09	Peak
4	3897.60	38.43	-11.02	27.41	54.00	26.59	Average
5	4850.40	51.36	-10.05	41.31	74.00	32.69	Peak
6	4850.40	40.57	-10.05	30.52	54.00	23.48	Average

Receiving mode worst(598.9875MHz antenna 1)

Project No.: 2402X36090E-RF
Polarization: Horizontal
Test Mode: M4
Note: 598.9875MHz,Antenna 1

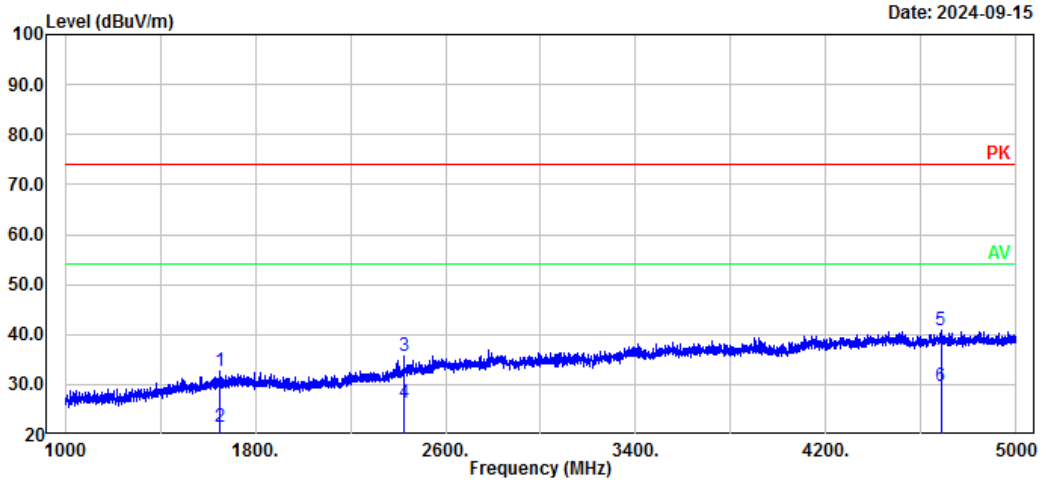
Serial No.: 2RKV-1
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	1728.00	50.99	-16.69	34.30	74.00	39.70	Peak
2	1728.00	40.11	-16.69	23.42	54.00	30.58	Average
3	3388.80	50.38	-12.18	38.20	74.00	35.80	Peak
4	3388.80	39.70	-12.18	27.52	54.00	26.48	Average
5	4408.00	50.95	-10.30	40.65	74.00	33.35	Peak
6	4408.00	39.91	-10.30	29.61	54.00	24.39	Average

Project No.: 2402X36090E-RF
Polarization: Vertical
Test Mode: M4
Note: 598.9875MHz,Antenna 1

Serial No.: 2RKV-1
Tester: Leo Xiao



No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector
1	1651.20	49.37	-16.80	32.57	74.00	41.43	Peak
2	1651.20	38.23	-16.80	21.43	54.00	32.57	Average
3	2427.20	50.30	-14.48	35.82	74.00	38.18	Peak
4	2427.20	40.83	-14.48	26.35	54.00	27.65	Average
5	4683.20	50.93	-10.11	40.82	74.00	33.18	Peak
6	4683.20	39.84	-10.11	29.73	54.00	24.27	Average

4.3 Scanning Receivers and Frequency Converters Used with Scanning Receivers

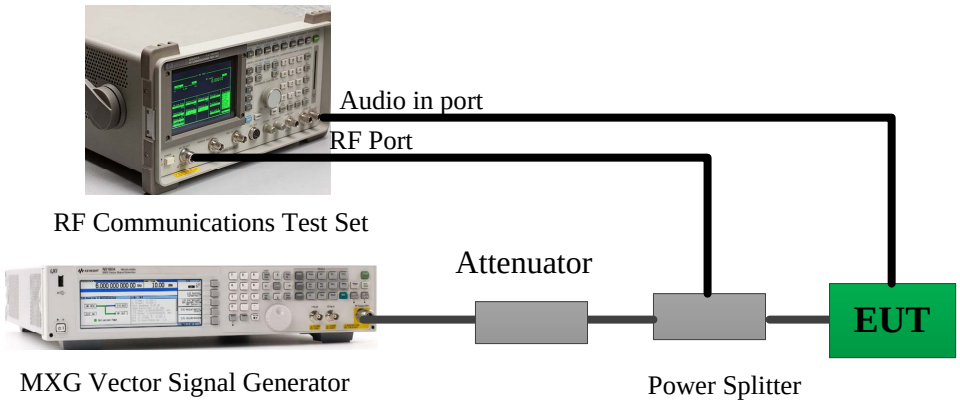
4.3.1 Applicable Standard

FCC §15.121(b).

(b) Except as provided in paragraph (c) of this section, scanning receivers shall reject any signals from the Cellular Radiotelephone Service frequency bands that are 38 dB or lower based upon a 12 dB SINAD measurement, which is considered the threshold where a signal can be clearly discerned from any interference that may be present.

4.3.2 Test Procedure

1. Connected the EUT as the below block diagram;



2. Apply a signal to the EUT antenna port at lowest, middle, highest channel frequencies of the operating band;
3. Adjust the audio output level of the EUT to it's rated value with the distortion less than 10%;
4. Adjust the 8920 output power to produce 12 dB SINAD without the audio output power dropping by more than 3 dB; These output level of the 8920 at each channel frequency is the sensitivity of the EUT;
5. Select the lowest or worst case sensitivity level for all of the bands as the reference sensitivity;
6. Adjust the Signal Generator output to a level of +60 dB above the reference sensitivity obtained in step 5 and its frequency to the frequency point in the Cellular Band;
7. Set the EUT squelch to threshold, the signal required to open the squelch must be lower than the reference sensitivity level;
8. Set the EUT in a scanning mode and allow it to scan through it's complete receiving range;
9. If the EUT un-squelched or stopped on any frequency, receiving at this frequency, then adjust the signal generator output level until 12 dB SINAD is produced, this level is the spurious value and the difference between the reference sensitivity and the spurious value is the rejection ratio and must be at least 38 dB;
10. Repeat above procedure at the frequencies 824, 836, 849 MHz for the mobile band, and 869, 881.5 and 894 MHz for the Cellular Base Band.

4.3.3 Scanning Receivers and Frequency Converters Used with Scanning Receivers

Serial Number:	2RKV-1	Test Date:	2024/10/15
Test Site:	RF	Test Mode:	Scanning
Tester:	Stu Song	Test Result:	Pass

Environmental Conditions:					
Temperature: (℃)	25.4	Relative Humidity: (%)	54	ATM Pressure: (kPa)	101.3

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Micro-Coax	Coaxial Cable	UFB205A	323308-024	2024/1/2	2025/1/1
Micro-Coax	Coaxial Cable	UFB205A	323308-015	2024/1/2	2025/1/1
Micro-Coax	Coaxial Cable	UFB205A	323308-018	2024/1/2	2025/1/1
Huaxiang	Coaxial Attenuator	DTS250-30	11022109	2024/6/7	2025/6/6
HP	RF Communications Test Set	8920A	3438A05201	2023/10/18	2024/10/17
Agilent	MXG Vector Signal Generator	N5182B	MY51350142	2024/8/26	2025/8/25
Mini-Circuits	Coaxial Power Splitters & Combiner	ZFRSC-183-S+	SF448201614	2024/2/25	2025/2/24

** Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Test Data:

Scanning Frequency Range (MHz)	Test Frequency (MHz)	Measurement Result (dB)	Limit (dB)
108-136	824, 836, 849, 869,881.5, 894	43	>38
136-173	824, 836, 849, 869,881.5, 894	46	>38
220-259	824, 836, 849, 869,881.5, 894	48	>38
350-390	824, 836, 849, 869,881.5, 894	45	>38
400-599	824, 836, 849, 869,881.5, 894	44	>38

EXHIBIT A - EUT PHOTOGRAPHS

Please refer to the attachment 2402X36090E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2402X36090E-RF-INP EUT INTERNAL PHOTOGRAPHS

EXHIBIT B - TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2402X36090E-RF-00A-TSP TEST SETUP PHOTOGRAPHS.

******* END OF REPORT *******