

TEST REPORT

Applicant: PO FUNG ELECTRONIC (HK) INTERNATIONAL GROUP
COMPANY LIMITED

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Product Name: Amateur Radio

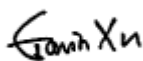
FCC ID: 2AJGM-UV18H

Standard(s): FCC Part 15B
ANSI C63.4-2014

Report Number: XMTN1240117-04007E-RF-00A

Report Date: 2024/4/19

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



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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	XMTN1240117-04007E-RF-00A	Original Report	2024/4/19

1. GENERAL INFORMATION

1.1 General Description Of Equipment Under Test

Product Name:	Amateur Radio
Test Model:	UV-18H
Multiple Models:	UV-18G, BF-18H, BF-18G, GP18H, AR18G
Highest Operation Frequency:	520 MHz
Rated Input Voltage:	DC 7.4Vdc from battery or DC 5V from USB port
Serial Number:	2GSH-2
EUT Received Date:	2024/1/25
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
/	/	/	/

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)
VHF Receiving	108-136	108.0125, 122, 135.9875
	136-174	136.0125, 155, 173.9875
	220-260	220.0125, 240, 259.9875
UHF Receiving	350-390	350.0125, 370, 389.9875
	400-520	400.0125, 460, 519.9875
Scanning	108-136	108-136
	136-174	136-174
	220-260	220-260
	350-390	350-390
	400-520	400-520

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 :	Test Mode 1: Charging&Scanning Test Mode 2: Charging&Receiving
AC Line Conducted Emission	Test Mode 1: Charging&Scanning Test Mode 2: Charging&Receiving

3.3 EUT Exercise Software

No software was used to test.

3.4 Support Equipment List and Details

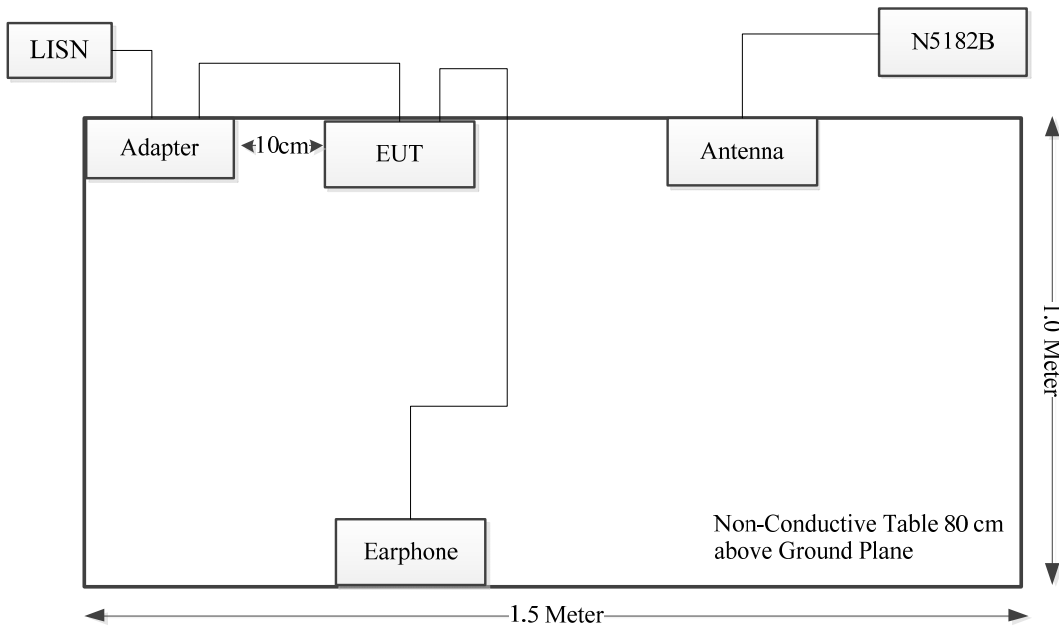
Manufacturer	Description	Model	Serial Number
TIANYIN ELECTRONICS	adapter	GO24-090200-AX	4007202-CS
PO FUNG	Earphone	Unknown	2GSG-5
Agilent	MXG Vector Signal Generator	N5182B	MY51350142

3.5 Support Cable List and Details

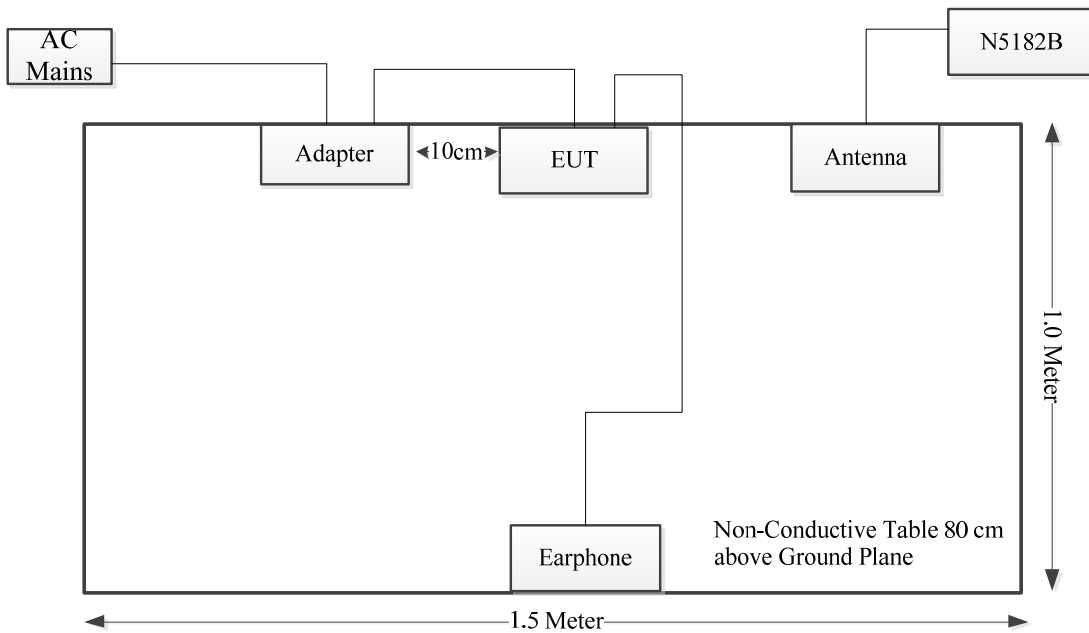
Cable Description	Shielding Cable	Ferrite Core	Length (m)	From Port	To
USB cable	No	No	1	Adapter	EUT
Earphone cable	No	No	1	Earphone	EUT

3.6 Block Diagram of Test Setup

AC Power Lines Conducted Emission:



Radiated Spurious Emissions



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.

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
Unwanted Emissions, conducted	±2.47 dB
Temperature	±1 °C
Humidity	±5%
AC Power Lines Conducted Emission	3.11 dB (150 kHz to 30 MHz)

4. REQUIREMENTS AND TEST RESULTS

4.1 AC Line Conducted Emissions

4.1.1 Applicable Standard

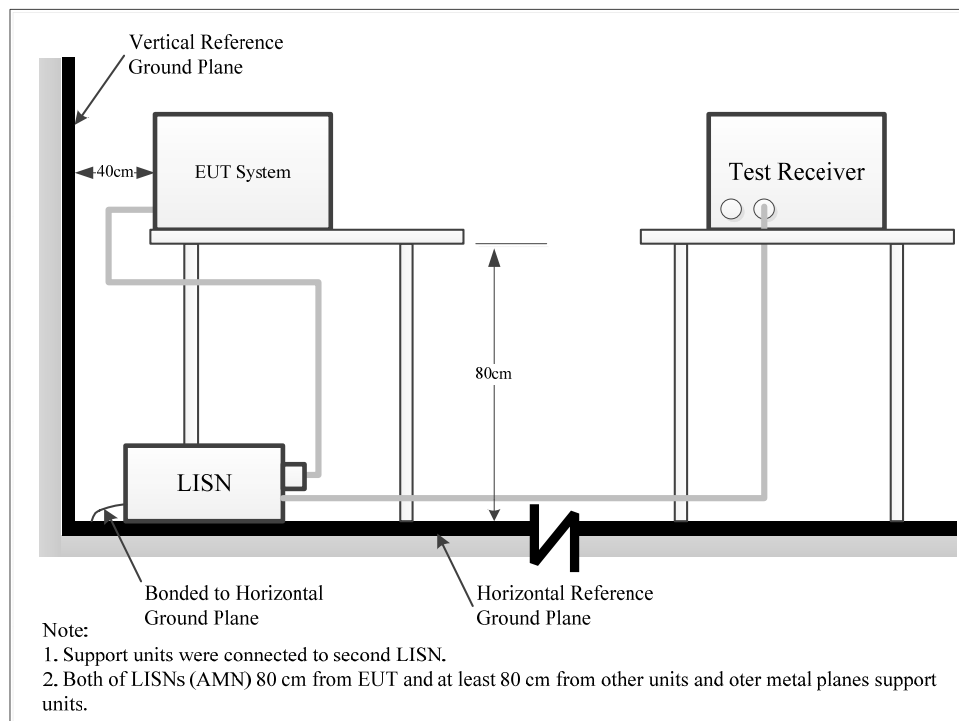
FCC§15.107

(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 μ H/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 (dB μ V)	
	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 Test System Setup



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 Data and Result

Serial Number:	2GSH-2	Test Date:	2024/1/31
Test Site:	CE	Test Mode:	Mode 1, Mode 2
Tester:	Wright Lai	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	19.4	Relative Humidity: (%)	67	ATM Pressure: (kPa)	101.3
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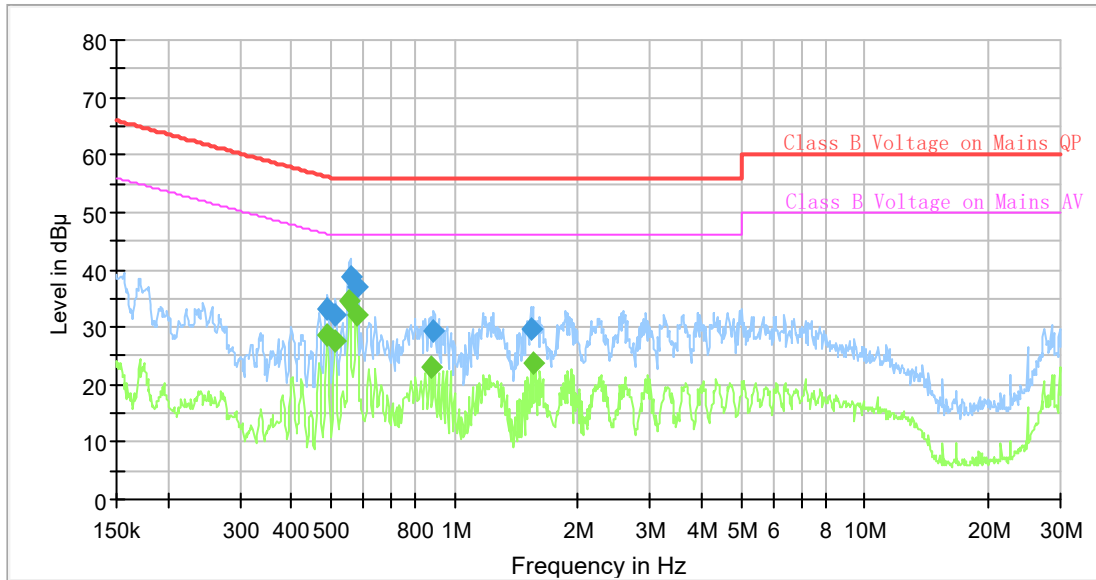
Test Equipment List and Details:

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	2023/9/5	2024/9/4
R&S	EMI Test Receiver	ESCI	100035	2023/8/18	2024/8/17
R&S	Test Software	EMC32	V9.10.00	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).*

Test Mode 1:

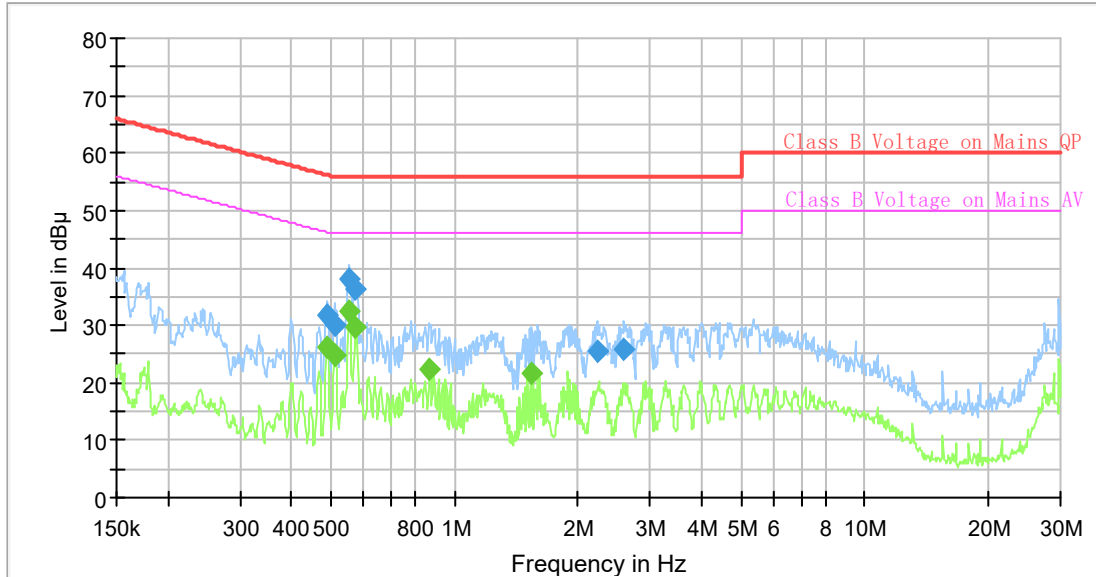
Project No: XMTN1240117-04007E-RF
 Port: L
 Test Engineer: Wright Lai
 Test Date: 2024-1-31
 Test Mode: Charging & Scanning
 Power Source: AC 120V/60Hz
 Note: 350-390MHz was tested



Final Result

Frequency (MHz)	QuasiPeak (dB μV)	Average (dB μV)	Limit (dB μV)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.489157	33.06	---	56.18	23.12	9.000	L1	10.8
0.489157	---	28.55	46.18	17.63	9.000	L1	10.8
0.511614	32.16	---	56.00	23.84	9.000	L1	10.8
0.511614	---	27.69	46.00	18.31	9.000	L1	10.8
0.554114	---	34.62	46.00	11.38	9.000	L1	10.8
0.556885	38.84	---	56.00	17.16	9.000	L1	10.8
0.576671	---	32.30	46.00	13.70	9.000	L1	10.8
0.576671	36.96	---	56.00	19.04	9.000	L1	10.8
0.872391	---	23.04	46.00	22.96	9.000	L1	10.9
0.889970	29.30	---	56.00	26.70	9.000	L1	10.9
1.532767	29.55	---	56.00	26.45	9.000	L1	10.8
1.555873	---	23.63	46.00	22.37	9.000	L1	10.8

Project No: XMTN1240117-04007E-RF
 Port: N
 Test Engineer: Wright Lai
 Test Date: 2024-1-31
 Test Mode: Charging & Scanning
 Power Source: AC 120V/60Hz
 Note: 350-390MHz was tested

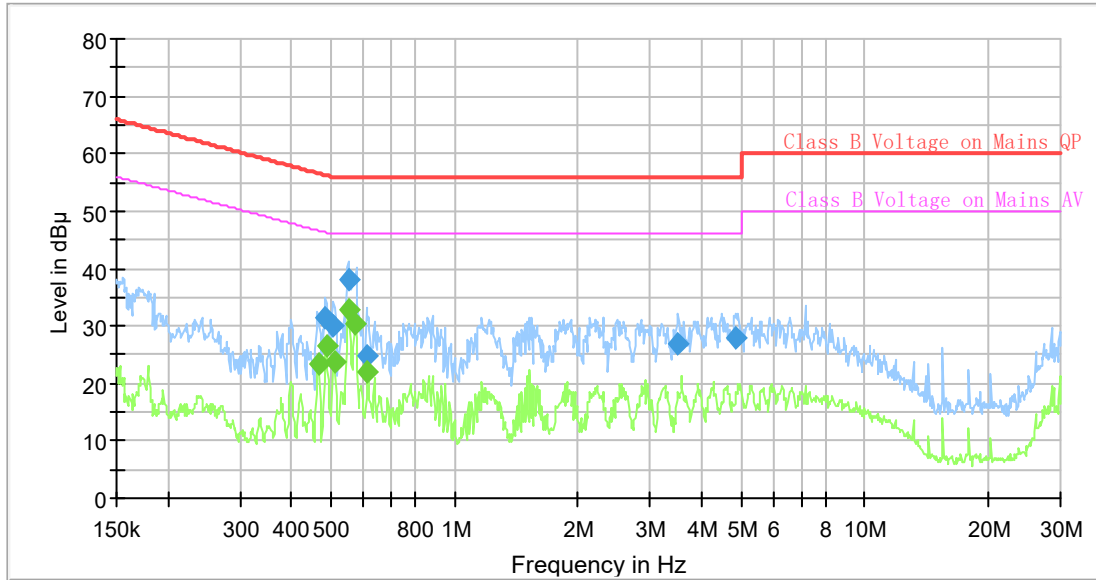


Final Result

Frequency (MHz)	QuasiPeak (dB μ V)	Average (dB μ V)	Limit (dB μ V)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.489157	31.65	---	56.18	24.53	9.000	N	10.7
0.489157	---	26.32	46.18	19.86	9.000	N	10.7
0.509069	30.21	---	56.00	25.79	9.000	N	10.7
0.509069	---	24.83	46.00	21.17	9.000	N	10.7
0.554114	38.09	---	56.00	17.91	9.000	N	10.7
0.554114	---	32.62	46.00	13.38	9.000	N	10.7
0.570947	36.35	---	56.00	19.65	9.000	N	10.7
0.573802	---	29.81	46.00	16.19	9.000	N	10.7
0.868051	---	22.46	46.00	23.54	9.000	N	10.8
1.532767	---	21.60	46.00	24.40	9.000	N	10.9
2.228079	25.44	---	56.00	30.56	9.000	N	10.9
2.587692	25.84	---	56.00	30.16	9.000	N	10.9

Test Mode 2:

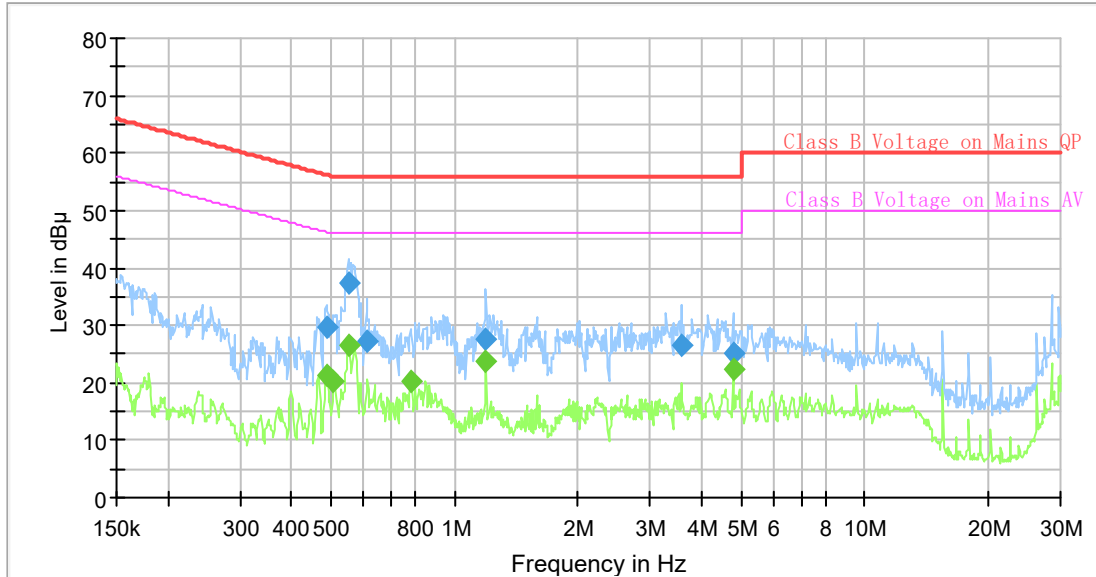
Project No: XMTN1240117-04007E-RF
 Port: L
 Test Engineer: Wright Lai
 Test Date: 2024-1-31
 Test Mode: Charging &Receiving
 Power Source: AC 120V/60Hz
 Note: 389.9875MHz was tested



Final Result

Frequency (MHz)	QuasiPeak (dB µ V)	Average (dB µ V)	Limit (dB µ V)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.465358	---	23.45	46.60	23.15	9.000	L1	10.8
0.484301	31.35	---	56.26	24.91	9.000	L1	10.8
0.486723	---	26.62	46.22	19.60	9.000	L1	10.8
0.506536	30.10	---	56.00	25.90	9.000	L1	10.8
0.509069	---	23.76	46.00	22.24	9.000	L1	10.8
0.551358	38.16	---	56.00	17.84	9.000	L1	10.8
0.551358	---	32.83	46.00	13.17	9.000	L1	10.8
0.573802	---	30.41	46.00	15.59	9.000	L1	10.8
0.609193	24.68	---	56.00	31.32	9.000	L1	10.8
0.615300	---	21.85	46.00	24.15	9.000	L1	10.8
3.507860	26.78	---	56.00	29.22	9.000	L1	10.8
4.875311	27.80	---	56.00	28.20	9.000	L1	10.8

Project No: XMTN1240117-04007E-RF
 Port: N
 Test Engineer: Wright Lai
 Test Date: 2024-1-31
 Test Mode: Charging &Receiving
 Power Source: AC 120V/60Hz
 Note: 389.9875MHz was tested



Final Result

Frequency (MHz)	QuasiPeak (dB μ V)	Average (dB μ V)	Limit (dB μ V)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.486723	---	21.45	46.22	24.77	9.000	N	10.7
0.486723	29.80	---	56.22	26.42	9.000	N	10.7
0.506536	---	20.15	46.00	21.85	9.000	N	10.7
0.551358	---	26.54	46.00	19.46	9.000	N	10.7
0.551358	37.37	---	56.00	18.63	9.000	N	10.7
0.612239	27.08	---	56.00	28.92	9.000	N	10.7
0.785640	---	20.36	46.00	25.64	9.000	N	10.8
1.194464	27.77	---	56.00	28.23	9.000	N	10.9
1.194464	---	23.59	46.00	22.41	9.000	N	10.9
3.578545	26.45	---	56.00	29.55	9.000	N	10.9
4.779012	---	22.34	46.00	23.66	9.000	N	10.8
4.779012	25.31	---	56.00	30.69	9.000	N	10.8

4.2 Radiation Spurious Emissions

4.2.1 Applicable Standard

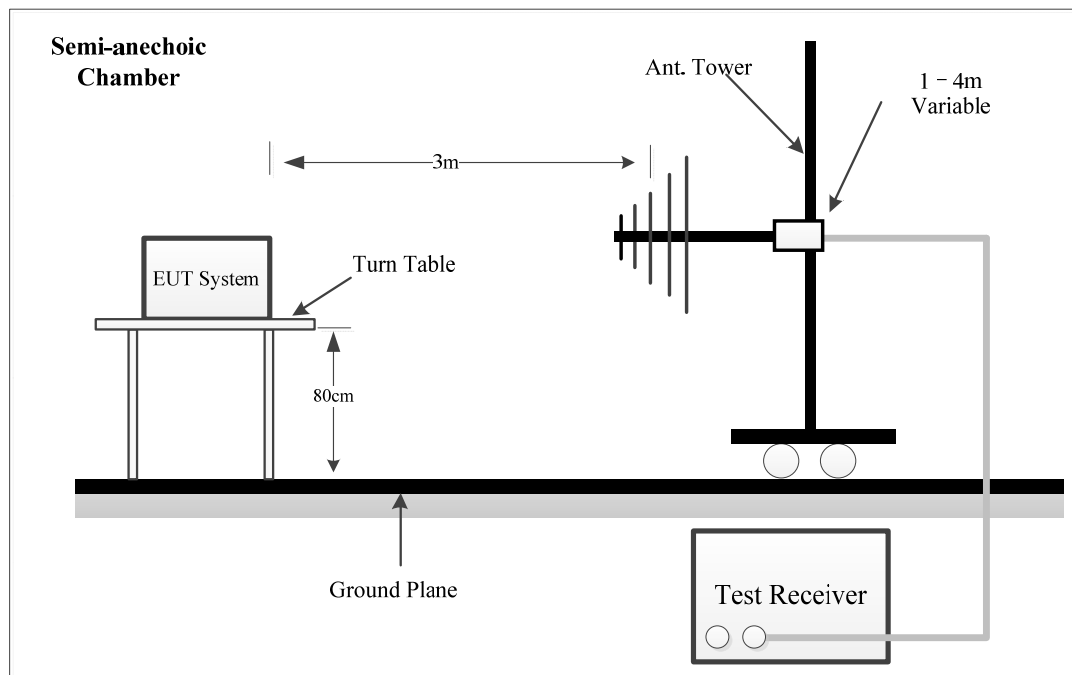
FCC§15.109

(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:

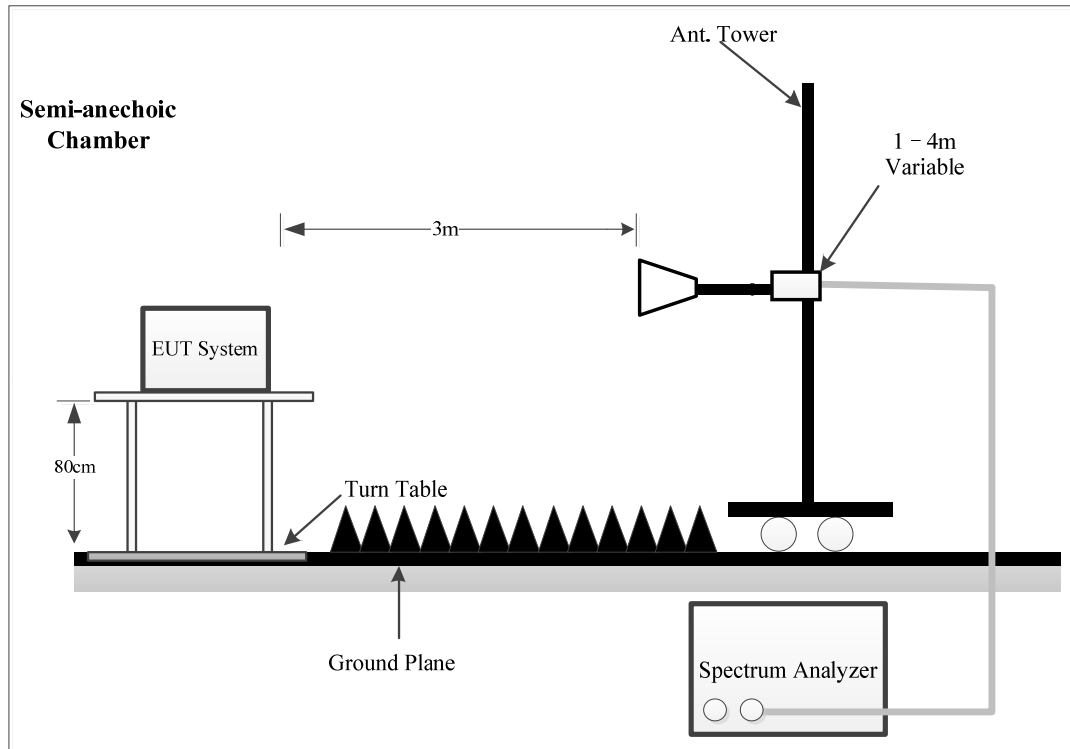
Frequency of emission (MHz)	Field strength (microvolts/meter)
30-88	100
88-216	150
216-960	200
Above 960	500

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	Reduced video bandwidth	/	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:

$$\text{Result} = \text{Reading} + \text{Factor}$$

$$\text{Factor} = \text{Antenna Factor} + \text{Cable Loss} - \text{Amplifier Gain}$$

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:

$$\text{Margin} = \text{Limit} - \text{Result}$$

4.2.6 Test Data and Result

Serial Number:	2GSH-2	Test Date:	2024/2/6~2024/3/28
Test Site:	Chamber A, Chamber B	Test Mode:	Mode 1, Mode 2
Tester:	Leesin Xiang, Bill Yang	Test Result:	Pass

Environmental Conditions:					
Temperature: (°C)	22.8~24.8	Relative Humidity: (%)	50~62	ATM Pressure: (kPa)	100.9~101.4

Test Equipment List and Details:

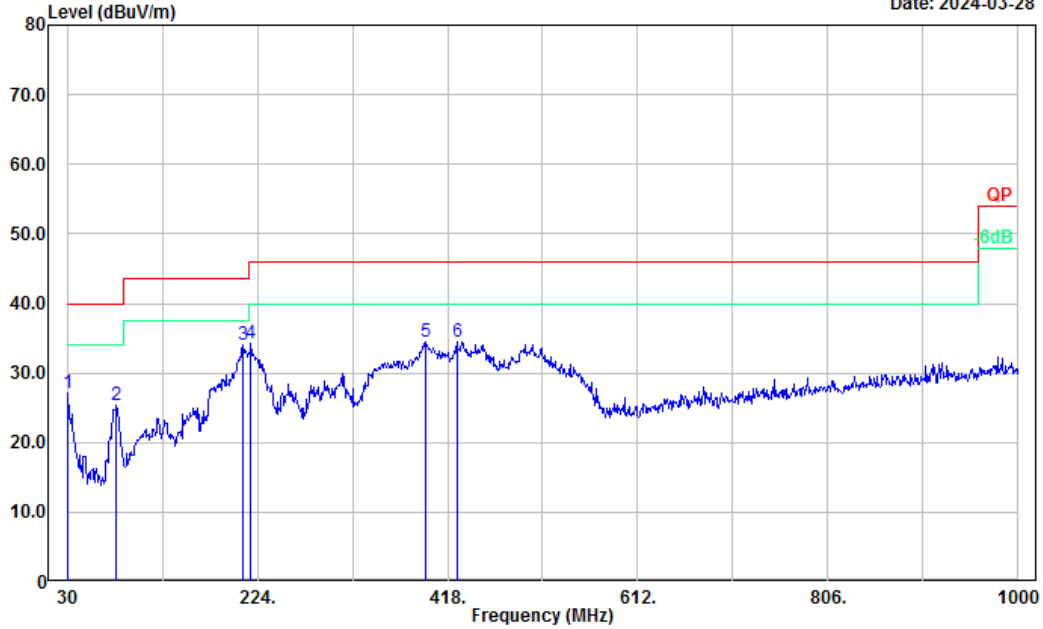
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
30MHz-1000MHz					
Sunol Sciences	Hybrid Antenna	JB3	A060611-3	2024/1/12	2027/1/11
Wilson	Coaxial Attenuator	859936	F-08-EM014	2024/1/12	2027/1/11
Unknown	Coaxial Cable	C-NJNJ-50	C-0075-01	2023/7/1	2024/6/30
Unknown	Coaxial Cable	C-NJNJ-50	C-0400-01	2023/7/1	2024/6/30
Unknown	Coaxial Cable	C-NJNJ-50	C-1400-01	2023/7/1	2024/6/30
Sonoma	Amplifier	310N	372193	2023/7/1	2024/6/30
R&S	EMI Test Receiver	ESR3	102453	2023/8/18	2024/8/17
Audix	Test Software	E3	191218 (V9)	N/A	N/A
Above 1GHz					
ETS-Lindgren	Horn Antenna	3115	000 527 35	2023/9/7	2024/9/6
Xinhang Macrowave	Coaxial Cable	XH750A-N/J-SMA/J-10M	20231117004 #0001	2023/11/17	2024/11/16
AH	Preamplifier	PAM-0118P	469	2023/8/19	2024/8/18
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:

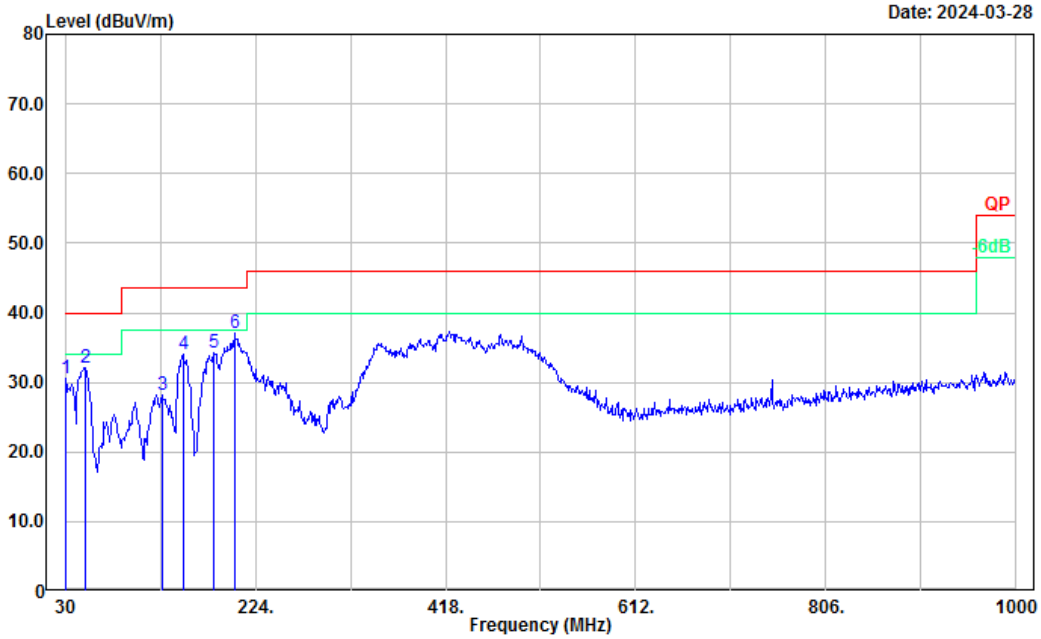
Project No.: XMTN1240117-04007E-RF Serial No.: 2GSH-2
 Polarization: Horizontal Tester: Leesin Xiang
 Test Mode: Charging from USB & Scanning(108-136MHz)
 Note: Part 15B

Date: 2024-03-28



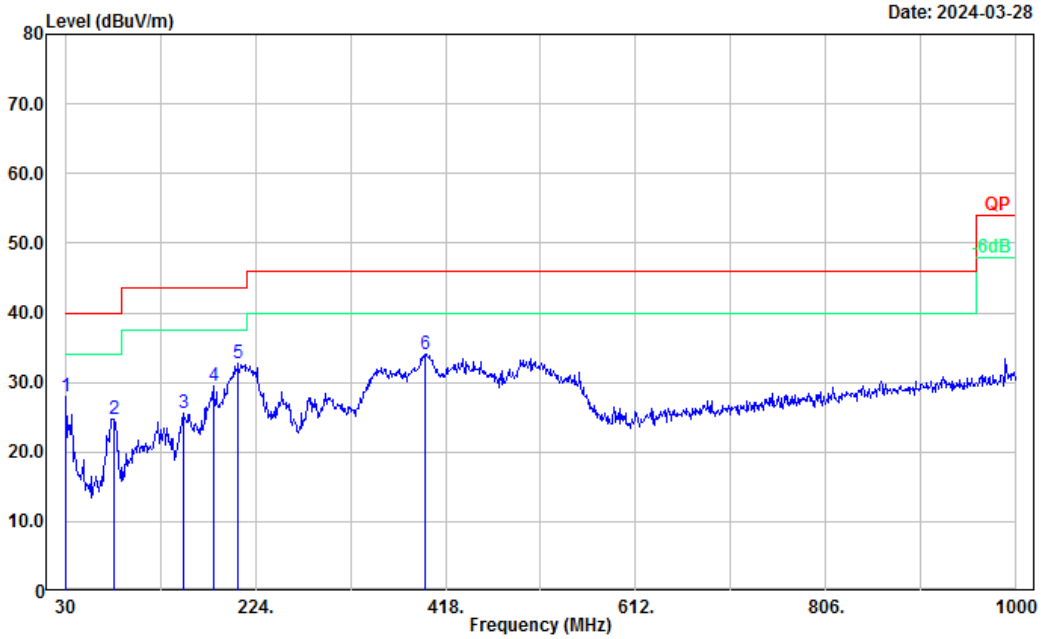
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.000	30.013	-2.990	27.023	40.000	12.977	Peak
2	80.440	41.343	-15.904	25.439	40.000	14.561	Peak
3	209.450	44.904	-10.800	34.104	43.500	9.396	Peak
4	217.210	45.107	-10.860	34.247	46.000	11.753	Peak
5	395.690	41.097	-6.674	34.423	46.000	11.577	Peak
6	427.700	40.273	-5.704	34.569	46.000	11.431	Peak

Project No.: XMTN1240117-04007E-RF Serial No.: 2GSH-2
 Polarization: Vertical Tester: Leesin Xiang
 Test Mode: Charging from USB & Scanning(108-136MHz)
 Note: Part 15B



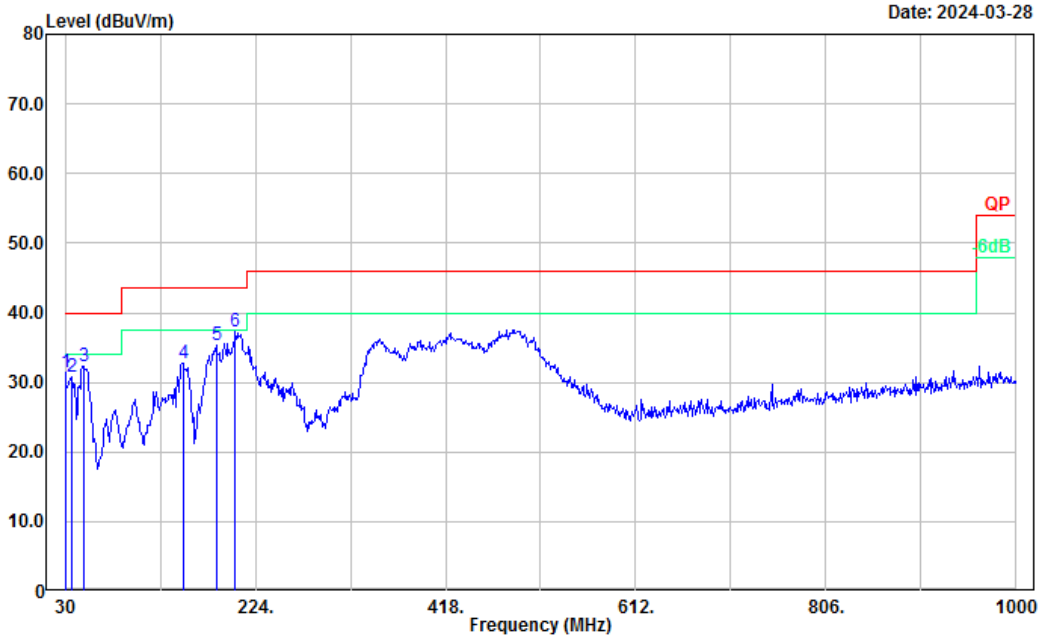
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.000	33.525	-2.990	30.535	40.000	9.465	Peak
2	51.340	48.290	-16.264	32.026	40.000	7.974	Peak
3	128.940	37.951	-9.738	28.213	43.500	15.287	Peak
4	150.280	44.763	-10.810	33.953	43.500	9.547	Peak
5	181.320	46.385	-12.073	34.312	43.500	9.188	Peak
6	202.660	47.920	-10.759	37.161	43.500	6.339	Peak

Project No.: XMTN1240117-04007E-RF Serial No.: 2GSH-2
 Polarization: Horizontal Tester: Leesin Xiang
 Test Mode: Charging from USB & Scanning(136-174MHz)
 Note: Part 15B



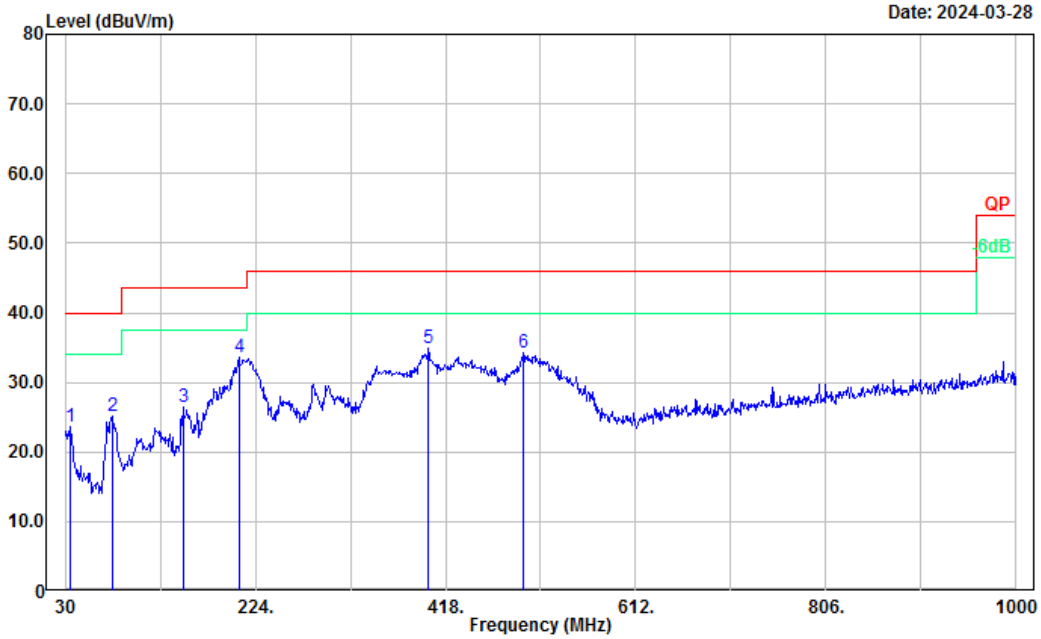
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.970	31.561	-3.570	27.991	40.000	12.009	Peak
2	80.440	40.620	-15.904	24.716	40.000	15.284	Peak
3	150.280	36.363	-10.810	25.553	43.500	17.947	Peak
4	181.320	41.489	-12.073	29.416	43.500	14.084	Peak
5	206.540	43.480	-10.764	32.716	43.500	10.784	Peak
6	396.660	40.682	-6.660	34.022	46.000	11.978	Peak

Project No.: XMTN1240117-04007E-RF Serial No.: 2GSH-2
 Polarization: Vertical Tester: Leesin Xiang
 Test Mode: Charging from USB & Scanning(136-174MHz)
 Note: Part 15B



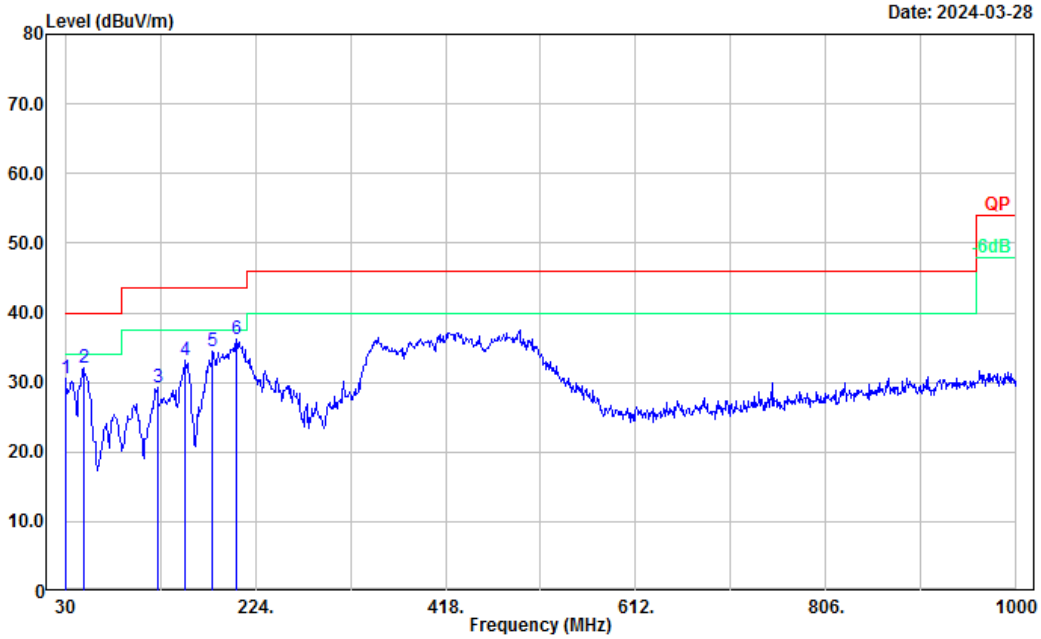
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.000	34.524	-2.990	31.534	40.000	8.466	Peak
2	36.790	38.425	-7.609	30.816	40.000	9.184	Peak
3	48.430	47.387	-15.151	32.236	40.000	7.764	Peak
4	150.280	43.604	-10.810	32.794	43.500	10.706	Peak
5	184.230	47.188	-11.952	35.236	43.500	8.264	Peak
6	203.630	48.082	-10.753	37.329	43.500	6.171	Peak

Project No.: XMTN1240117-04007E-RF Serial No.: 2GSH-2
 Polarization: Horizontal Tester: Leesin Xiang
 Test Mode: Charging from USB & Scanning(220-260MHz)
 Note: Part 15B



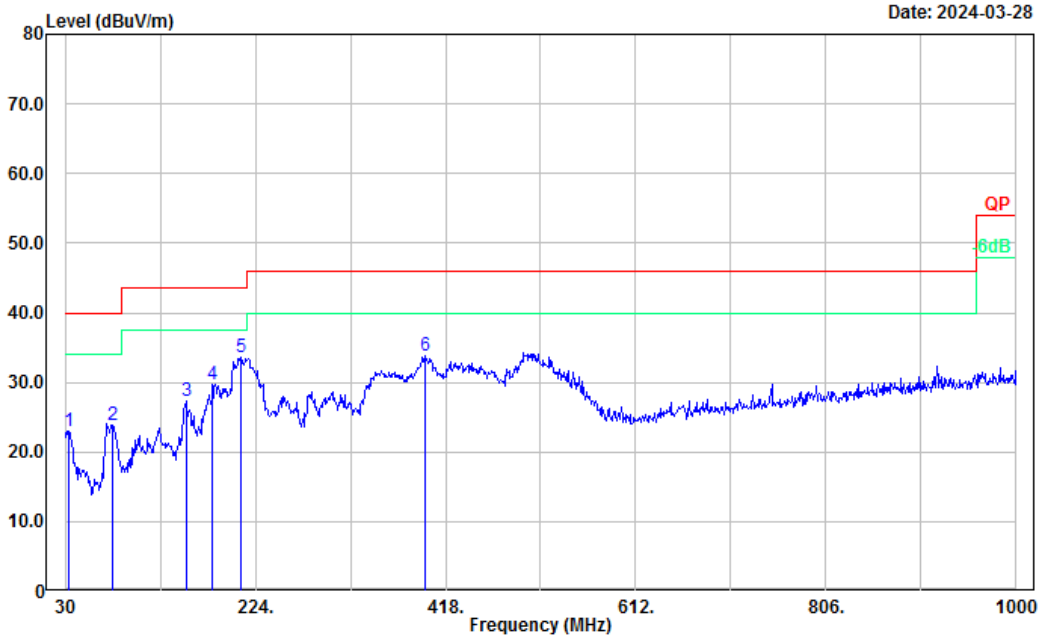
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	34.850	29.861	-6.197	23.664	40.000	16.336	Peak
2	78.500	41.088	-16.021	25.067	40.000	14.933	Peak
3	150.280	37.164	-10.810	26.354	43.500	17.146	Peak
4	207.510	44.477	-10.776	33.701	43.500	9.799	Peak
5	400.540	41.527	-6.588	34.939	46.000	11.061	Peak
6	497.540	37.989	-3.660	34.329	46.000	11.671	Peak

Project No.: XMTN1240117-04007E-RF Serial No.: 2GSH-2
 Polarization: Vertical Tester: Leesin Xiang
 Test Mode: Charging from USB & Scanning(220-260MHz)
 Note: Part 15B



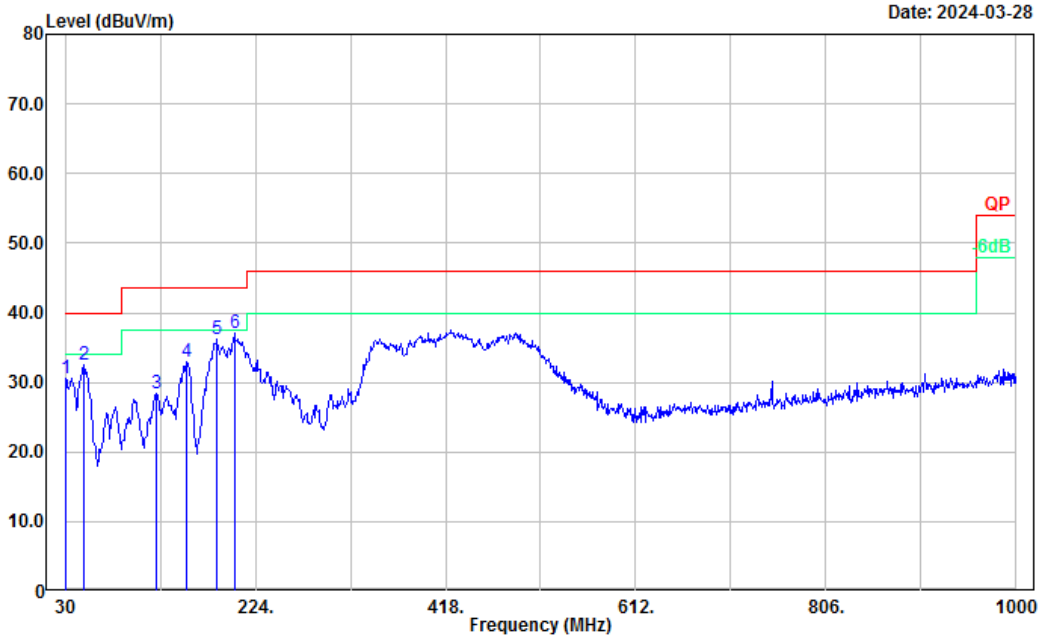
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.000	33.620	-2.990	30.630	40.000	9.370	Peak
2	48.430	47.231	-15.151	32.080	40.000	7.920	Peak
3	124.090	39.121	-9.961	29.160	43.500	14.340	Peak
4	152.220	43.997	-10.867	33.130	43.500	10.370	Peak
5	180.350	46.449	-12.019	34.430	43.500	9.070	Peak
6	204.600	46.999	-10.749	36.250	43.500	7.250	Peak

Project No.: XMTN1240117-04007E-RF Serial No.: 2GSH-2
 Polarization: Horizontal Tester: Leesin Xiang
 Test Mode: Charging from USB & Scanning(350-390MHz)
 Note: Part 15B



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	33.880	28.589	-5.601	22.988	40.000	17.012	Peak
2	78.500	39.957	-16.021	23.936	40.000	16.064	Peak
3	153.190	38.148	-10.867	27.281	43.500	16.219	Peak
4	180.350	41.710	-12.019	29.691	43.500	13.809	Peak
5	209.450	44.342	-10.800	33.542	43.500	9.958	Peak
6	396.660	40.469	-6.660	33.809	46.000	12.191	Peak

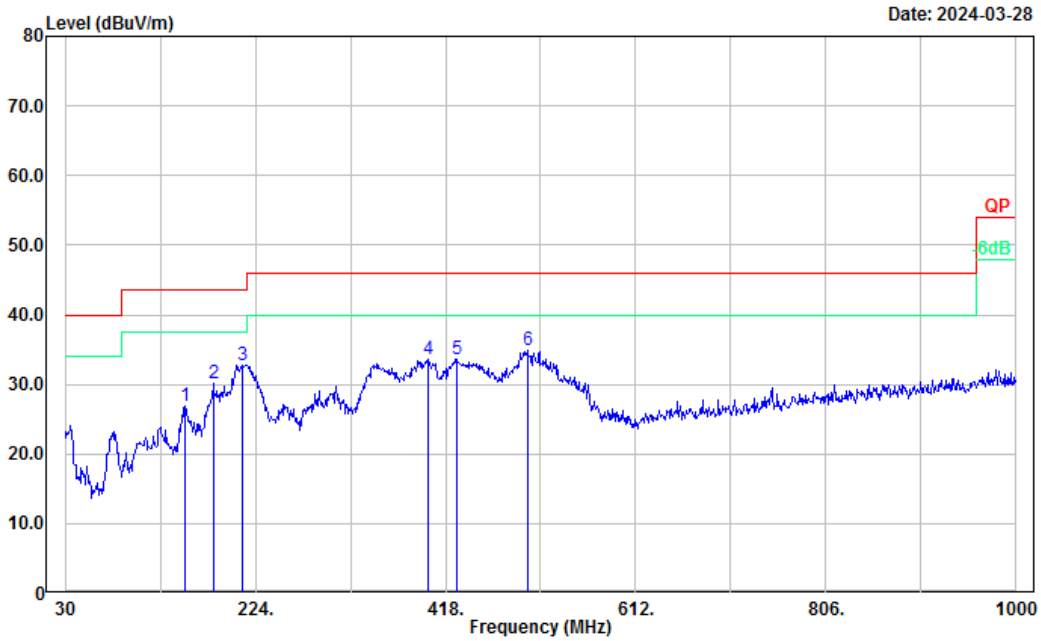
Project No.: XMTN1240117-04007E-RF Serial No.: 2GSH-2
 Polarization: Vertical Tester: Leesin Xiang
 Test Mode: Charging from USB & Scanning(350-390MHz)
 Note: Part 15B



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.000	33.560	-2.990	30.570	40.000	9.430	Peak
2	48.430	47.584	-15.151	32.433	40.000	7.567	Peak
3	123.120	38.330	-10.012	28.318	43.500	15.182	Peak
4	153.190	43.758	-10.867	32.891	43.500	10.609	Peak
5	185.200	48.089	-11.918	36.171	43.500	7.329	Peak
6	202.660	47.758	-10.759	36.999	43.500	6.501	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Horizontal
 Test Mode: Charging & Scanning(400-520MHz)
 Note: Part 15B

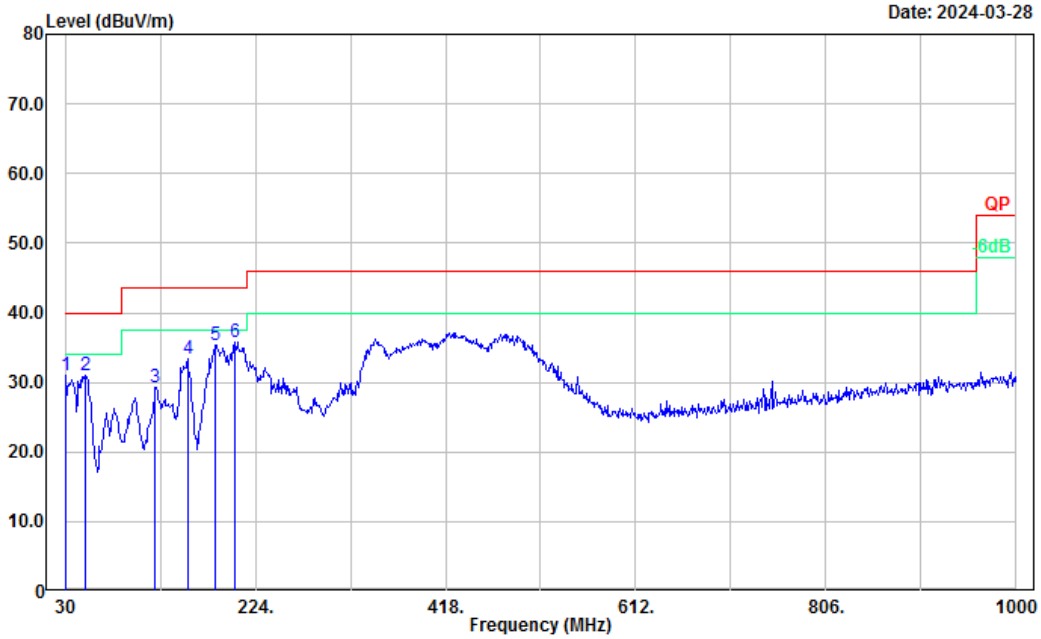
Serial No.: 2GSH-2
 Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	152.22	37.65	-10.86	26.79	43.50	16.71	Peak
2	181.32	42.27	-12.08	30.19	43.50	13.31	Peak
3	211.39	43.64	-10.82	32.82	43.50	10.68	Peak
4	399.57	40.20	-6.62	33.58	46.00	12.42	Peak
5	429.64	39.32	-5.68	33.64	46.00	12.36	Peak
6	501.42	38.55	-3.59	34.96	46.00	11.04	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Vertical
 Test Mode: Charging & Scanning(400-520MHz)
 Note: Part 15B

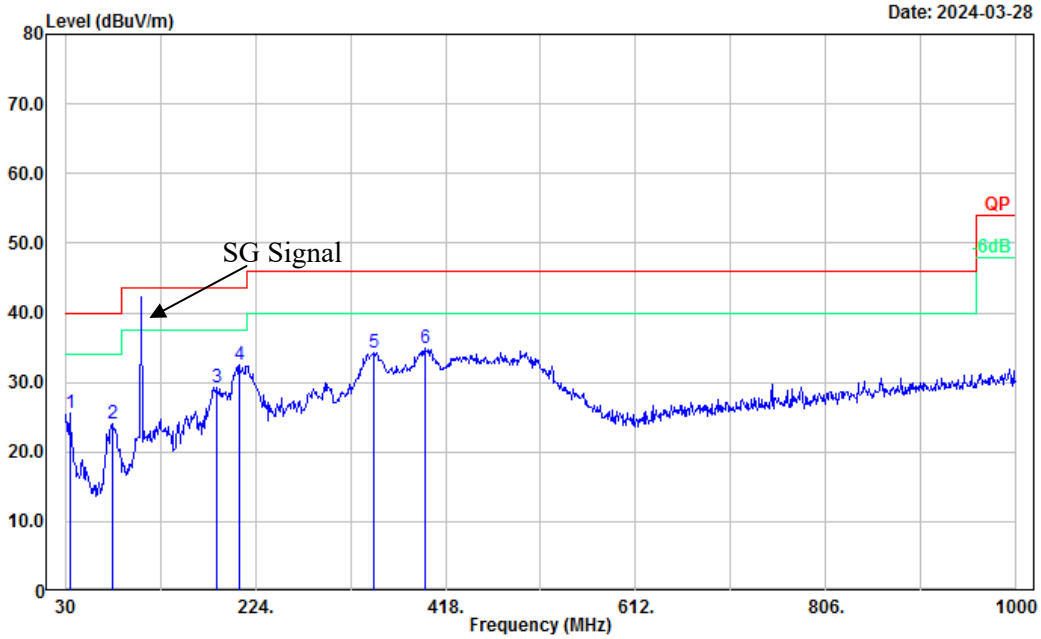
Serial No.: 2GSH-2
 Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.97	34.59	-3.57	31.02	40.00	8.98	Peak
2	51.34	47.37	-16.26	31.11	40.00	8.89	Peak
3	122.15	39.35	-10.06	29.29	43.50	14.21	Peak
4	155.13	44.34	-10.96	33.38	43.50	10.12	Peak
5	183.26	47.39	-12.02	35.37	43.50	8.13	Peak
6	202.66	46.62	-10.76	35.86	43.50	7.64	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Horizontal
 Test Mode: Charging&Receiving(108.0125MHz)
 Note: Part 15B

Serial No.: 2GSH-2
 Tester: Leesin Xiang

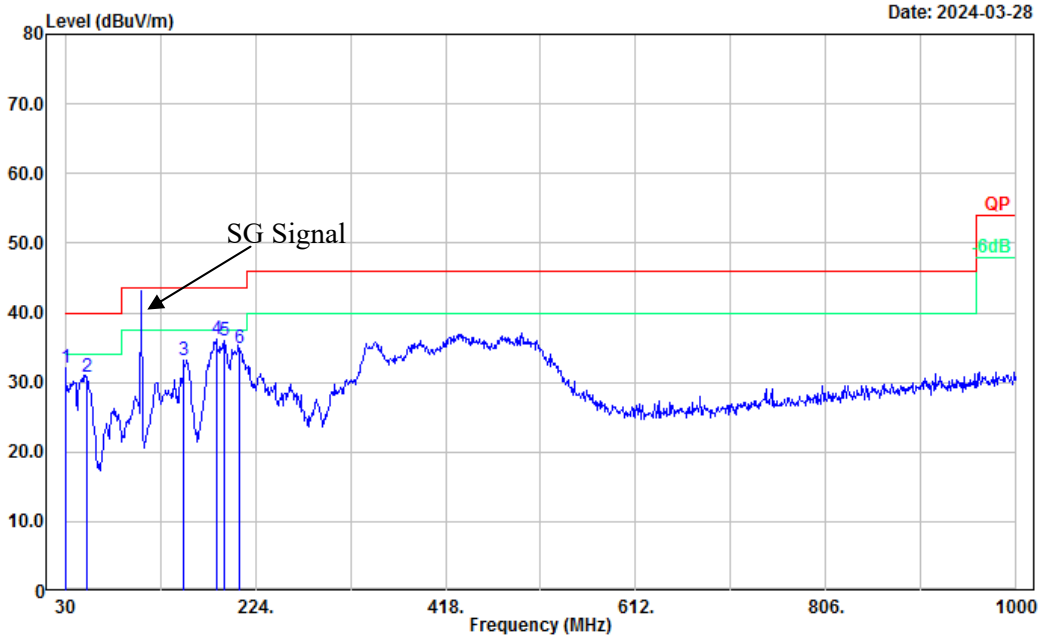


Date: 2024-03-28

No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	34.850	31.737	-6.197	25.540	40.000	14.460	Peak
2	78.500	40.151	-16.021	24.130	40.000	15.870	Peak
3	184.230	41.272	-11.952	29.320	43.500	14.180	Peak
4	207.510	43.266	-10.776	32.490	43.500	11.010	Peak
5	345.250	42.354	-8.104	34.250	46.000	11.750	Peak
6	396.660	41.470	-6.660	34.810	46.000	11.190	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Vertical
 Test Mode: Charging&Receiving(108.0125MHz)
 Note: Part 15B

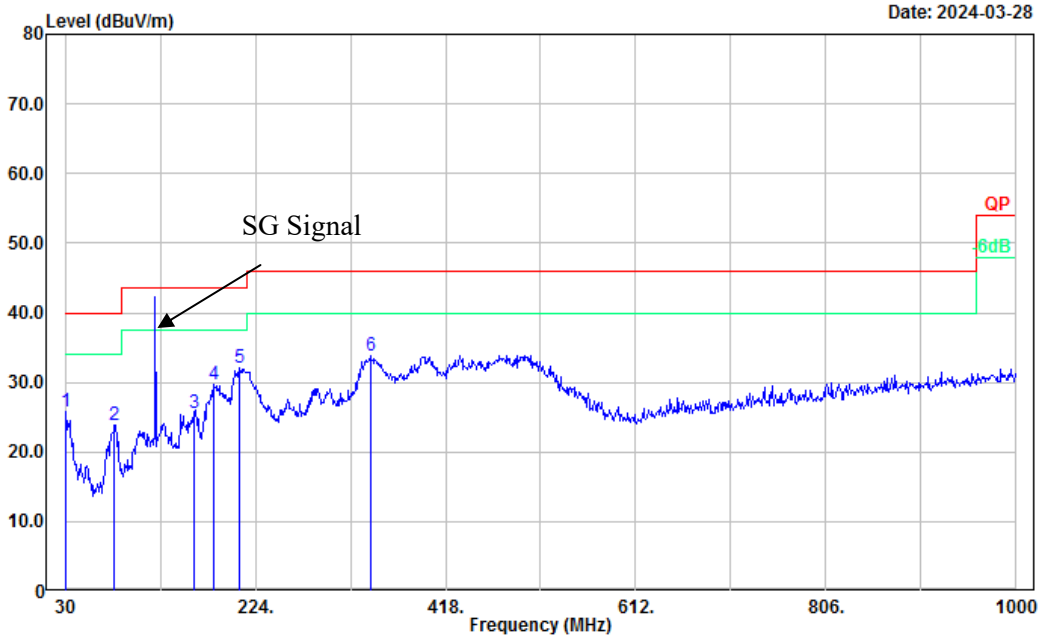
Serial No.: 2GSH-2
 Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.000	34.980	-2.990	31.990	40.000	8.010	Peak
2	52.310	46.970	-16.220	30.750	40.000	9.250	Peak
3	151.250	44.063	-10.843	33.220	43.500	10.280	Peak
4	184.230	48.092	-11.952	36.140	43.500	7.360	Peak
5	191.990	47.657	-11.567	36.090	43.500	7.410	Peak
6	207.510	45.726	-10.776	34.950	43.500	8.550	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Horizontal
 Test Mode: Charging&Receiving(122MHz)
 Note: Part 15B

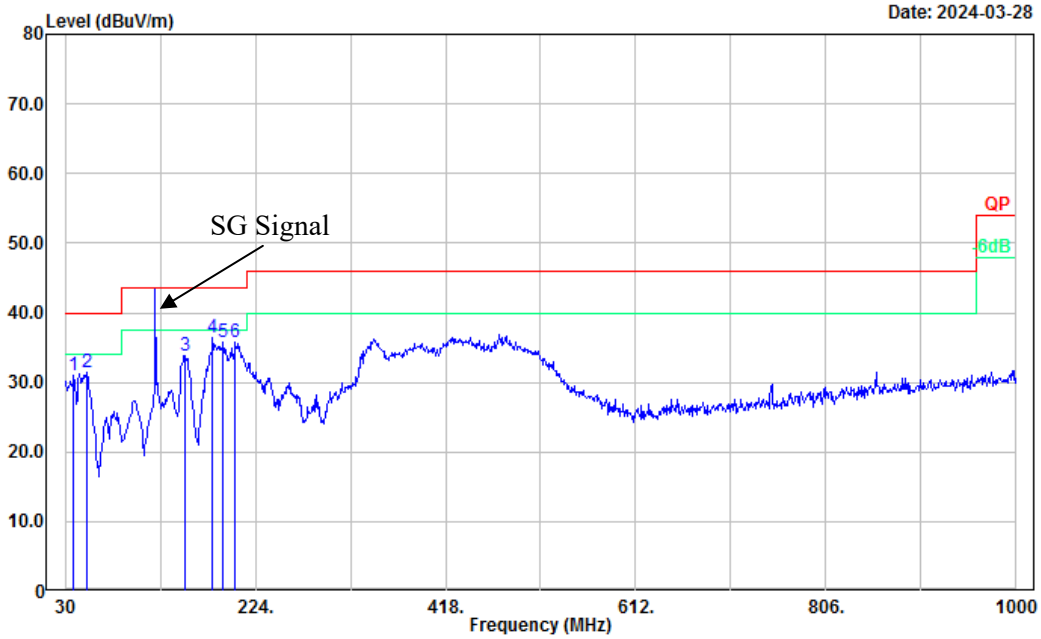
Serial No.: 2GSH-2
 Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.970	29.340	-3.570	25.770	40.000	14.230	Peak
2	80.440	39.834	-15.904	23.930	40.000	16.070	Peak
3	160.950	36.679	-11.139	25.540	43.500	17.960	Peak
4	181.320	41.873	-12.073	29.800	43.500	13.700	Peak
5	208.480	42.938	-10.788	32.150	43.500	11.350	Peak
6	341.370	42.097	-8.177	33.920	46.000	12.080	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Vertical
 Test Mode: Charging&Receiving(122MHz)
 Note: Part 15B

Serial No.: 2GSH-2
 Tester: Leesin Xiang

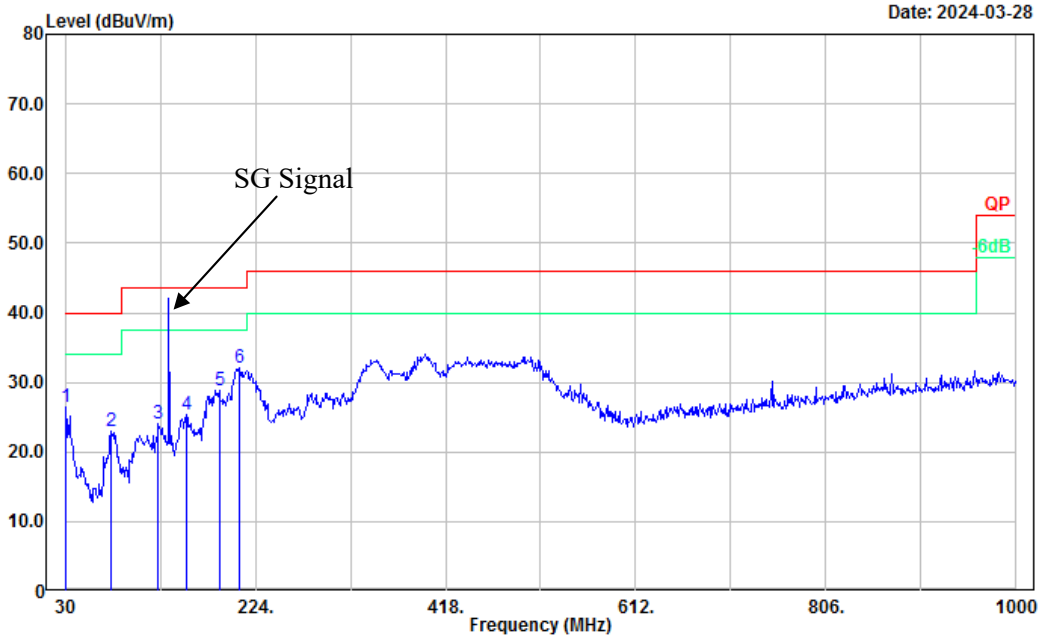


Date: 2024-03-28

No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	38.730	40.008	-8.938	31.070	40.000	8.930	Peak
2	52.310	47.550	-16.220	31.330	40.000	8.670	Peak
3	152.220	44.747	-10.867	33.880	43.500	9.620	Peak
4	180.350	48.479	-12.019	36.460	43.500	7.040	Peak
5	191.020	47.536	-11.676	35.860	43.500	7.640	Peak
6	203.630	46.423	-10.753	35.670	43.500	7.830	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Horizontal
 Test Mode: Charging&Receiving(135.9875MHz)
 Note: Part 15B

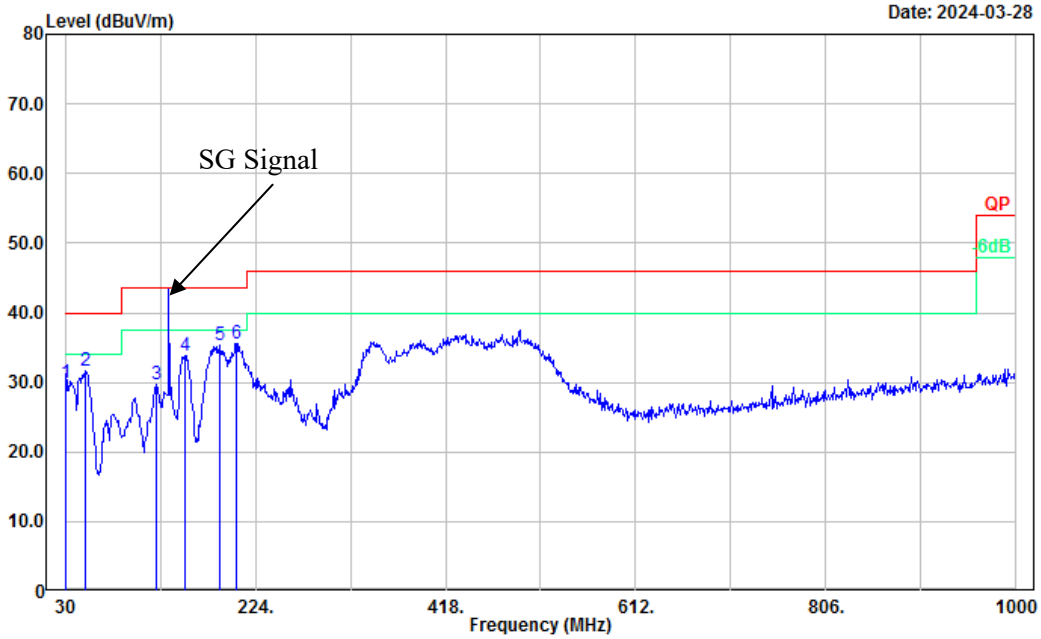
Serial No.: 2GSH-2
 Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.970	30.080	-3.570	26.510	40.000	13.490	Peak
2	76.560	39.074	-15.994	23.080	40.000	16.920	Peak
3	125.060	34.059	-9.929	24.130	43.500	19.370	Peak
4	154.160	36.228	-10.878	25.350	43.500	18.150	Peak
5	187.140	40.678	-11.868	28.810	43.500	14.690	Peak
6	208.480	42.788	-10.788	32.000	43.500	11.500	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Vertical
 Test Mode: Charging&Receiving(135.9875MHz)
 Note: Part 15B

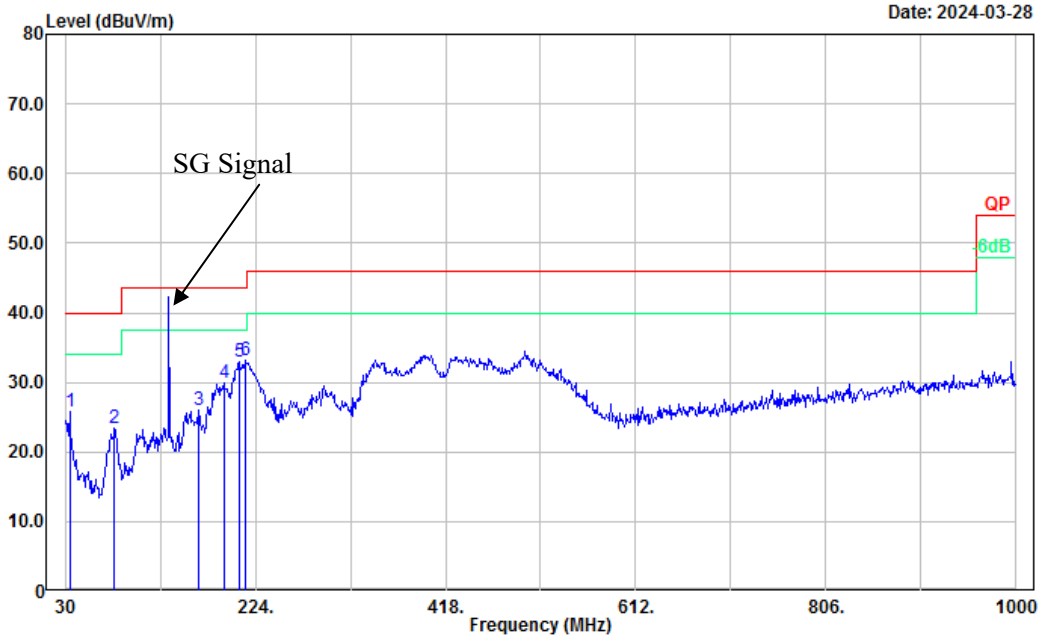
Serial No.: 2GSH-2
 Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.000	32.890	-2.990	29.900	40.000	10.100	Peak
2	51.340	47.884	-16.264	31.620	40.000	8.380	Peak
3	123.120	39.612	-10.012	29.600	43.500	13.900	Peak
4	152.220	44.657	-10.867	33.790	43.500	9.710	Peak
5	188.110	47.187	-11.847	35.340	43.500	8.160	Peak
6	204.600	46.389	-10.749	35.640	43.500	7.860	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Horizontal
 Test Mode: Charging&Receiving(136.0125MHz)
 Note: Part 15B

Serial No.: 2GSH-2
 Tester: Leesin Xiang

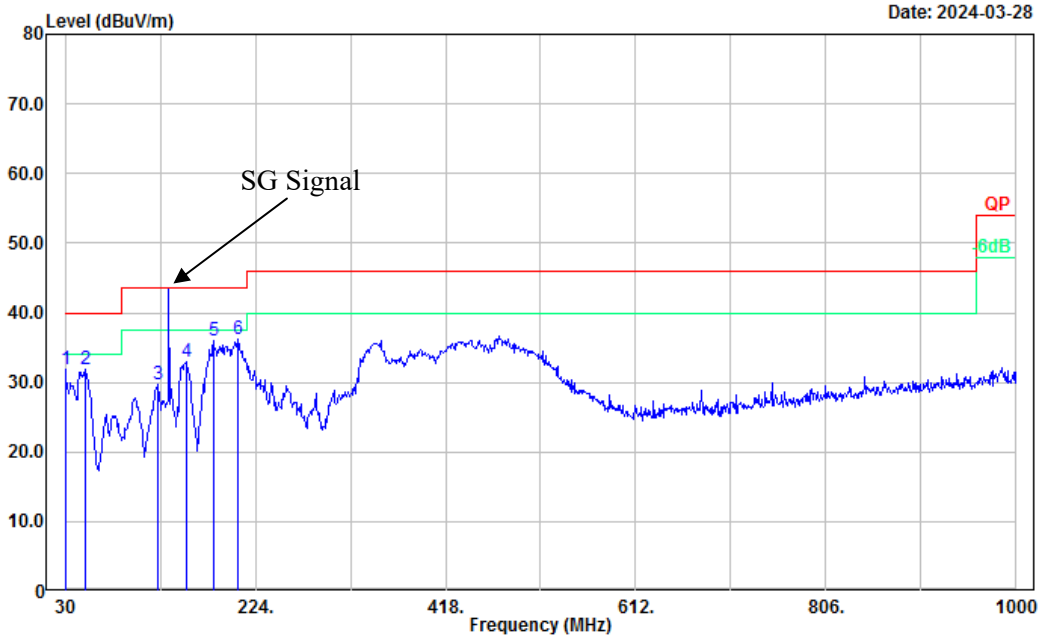


Date: 2024-03-28

No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	34.850	31.987	-6.197	25.790	40.000	14.210	Peak
2	80.440	39.222	-15.904	23.318	40.000	16.682	Peak
3	166.770	37.566	-11.466	26.100	43.500	17.400	Peak
4	191.990	41.469	-11.567	29.902	43.500	13.598	Peak
5	207.510	43.813	-10.776	33.037	43.500	10.463	Peak
6	213.330	44.065	-10.836	33.229	43.500	10.271	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Vertical
 Test Mode: Charging&Receiving(136.0125MHz)
 Note: Part 15B

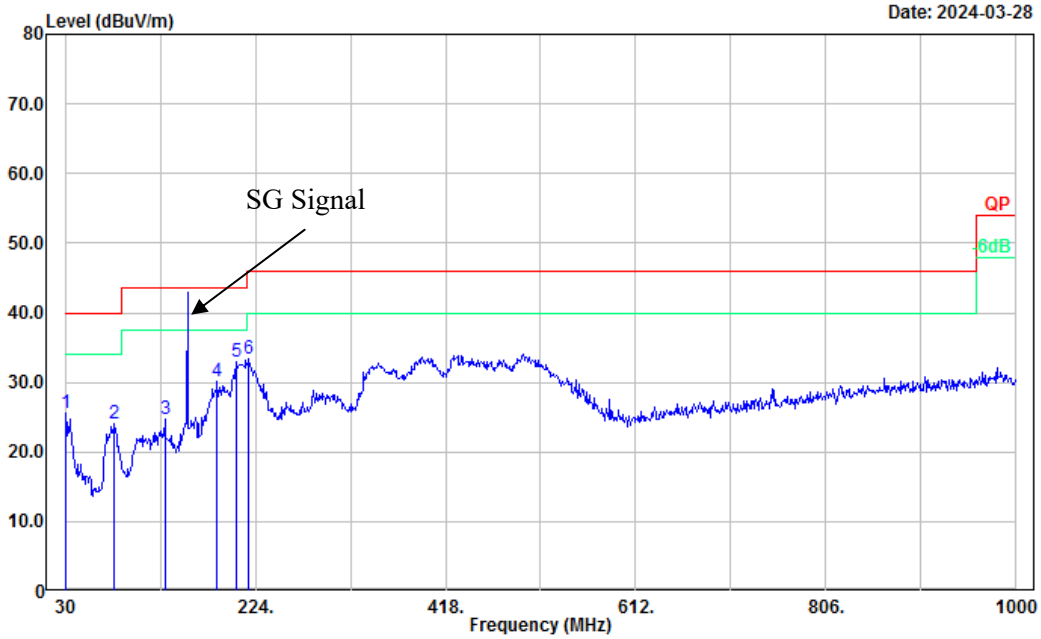
Serial No.: 2GSH-2
 Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.000	34.860	-2.990	31.870	40.000	8.130	Peak
2	51.340	48.054	-16.264	31.790	40.000	8.210	Peak
3	125.060	39.609	-9.929	29.680	43.500	13.820	Peak
4	153.190	43.887	-10.867	33.020	43.500	10.480	Peak
5	181.320	48.073	-12.073	36.000	43.500	7.500	Peak
6	206.540	46.884	-10.764	36.120	43.500	7.380	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Horizontal
 Test Mode: Charging&Receiving(155MHz)
 Note: Part 15B

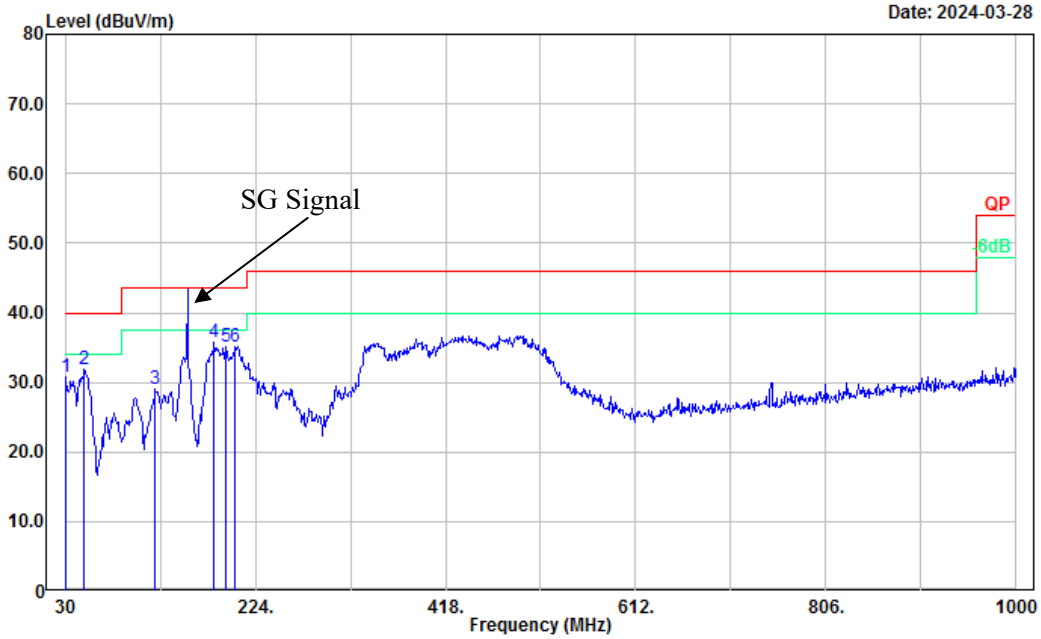
Serial No.: 2GSH-2
 Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.970	29.101	-3.570	25.531	40.000	14.469	Peak
2	80.440	39.878	-15.904	23.974	40.000	16.026	Peak
3	131.850	34.469	-9.778	24.691	43.500	18.809	Peak
4	185.200	41.994	-11.918	30.076	43.500	13.424	Peak
5	204.600	43.664	-10.749	32.915	43.500	10.585	Peak
6	217.210	44.189	-10.860	33.329	46.000	12.671	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Vertical
 Test Mode: Charging&Receiving(155MHz)
 Note: Part 15B

Serial No.: 2GSH-2
 Tester: Leesin Xiang

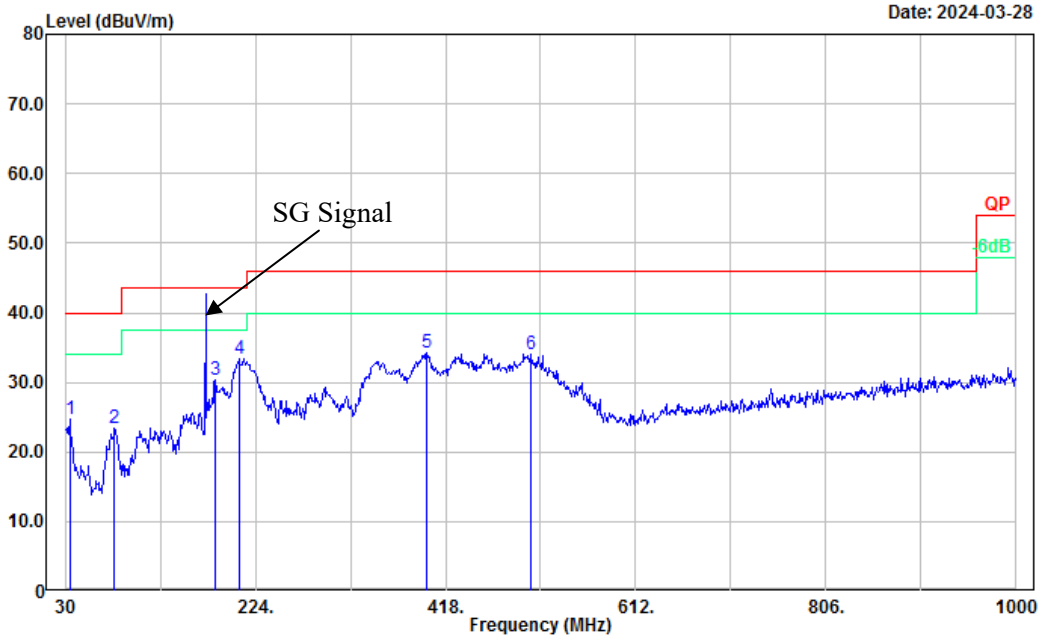


Date: 2024-03-28

No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.000	33.780	-2.990	30.790	40.000	9.210	Peak
2	49.400	47.694	-15.794	31.900	40.000	8.100	Peak
3	122.150	39.154	-10.064	29.090	43.500	14.410	Peak
4	182.290	47.888	-12.088	35.800	43.500	7.700	Peak
5	193.930	46.438	-11.418	35.020	43.500	8.480	Peak
6	203.630	45.853	-10.753	35.100	43.500	8.400	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Horizontal
 Test Mode: Charging&Receiving(173.9875MHz)
 Note: Part 15B

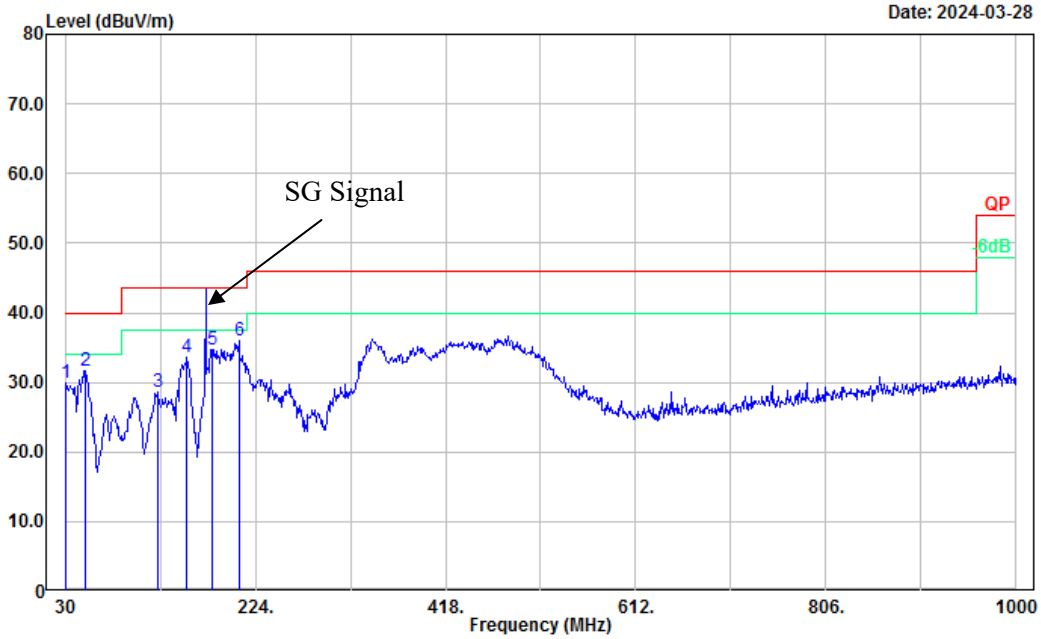
Serial No.: 2GSH-2
 Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	34.850	30.822	-6.197	24.625	40.000	15.375	Peak
2	80.440	39.334	-15.904	23.430	40.000	16.570	Peak
3	183.260	42.398	-12.015	30.383	43.500	13.117	Peak
4	207.510	44.118	-10.776	33.342	43.500	10.158	Peak
5	398.600	40.972	-6.631	34.341	46.000	11.659	Peak
6	504.330	37.659	-3.576	34.083	46.000	11.917	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Vertical
 Test Mode: Charging&Receiving(173.9875MHz)
 Note: Part 15B

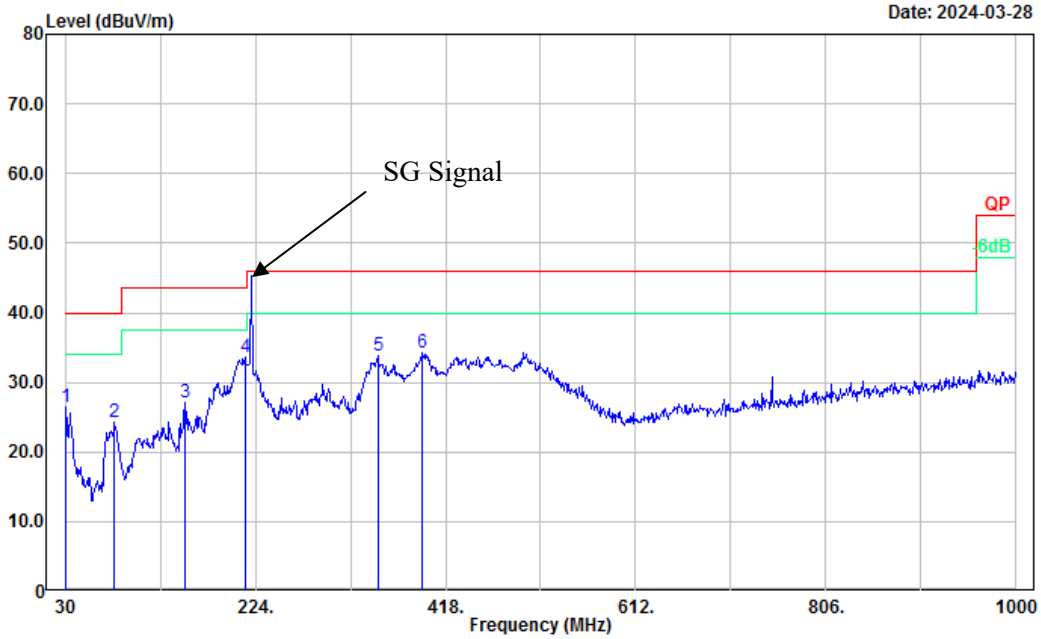
Serial No.: 2GSH-2
 Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.970	33.550	-3.570	29.980	40.000	10.020	Peak
2	51.340	47.874	-16.264	31.610	40.000	8.390	Peak
3	124.090	38.541	-9.961	28.580	43.500	14.920	Peak
4	154.160	44.458	-10.878	33.580	43.500	9.920	Peak
5	179.380	46.743	-11.983	34.760	43.500	8.740	Peak
6	207.510	46.866	-10.776	36.090	43.500	7.410	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Horizontal
 Test Mode: Charging&Receiving(220.0125MHz)
 Note: Part 15B

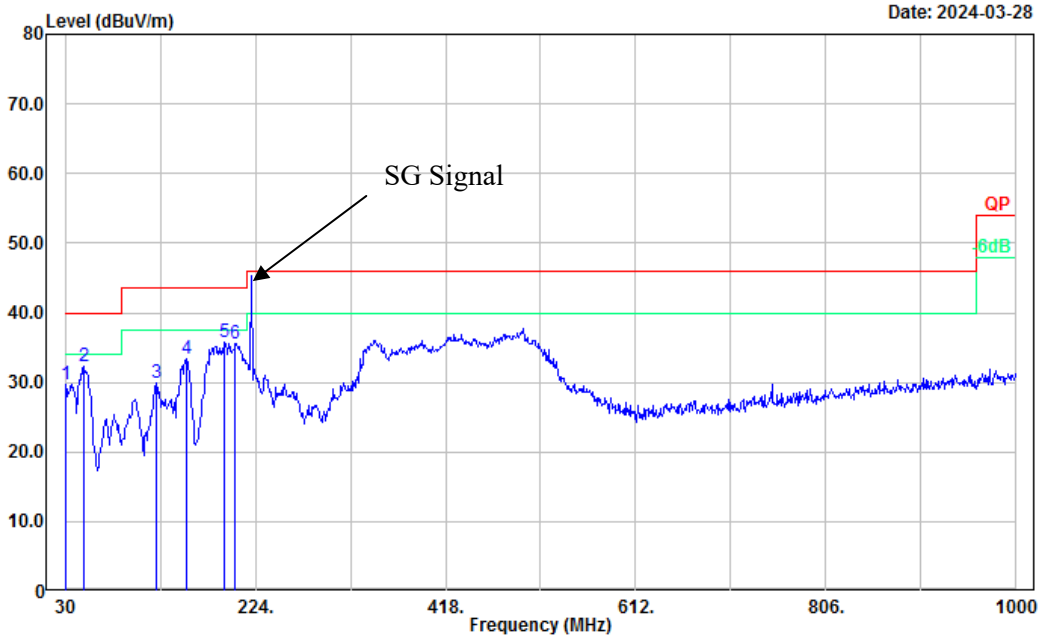
Serial No.: 2GSH-2
 Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.970	29.994	-3.570	26.424	40.000	13.576	Peak
2	80.440	40.083	-15.904	24.179	40.000	15.821	Peak
3	152.220	37.946	-10.867	27.079	43.500	16.421	Peak
4	213.330	44.472	-10.836	33.636	43.500	9.864	Peak
5	349.130	41.900	-8.081	33.819	46.000	12.181	Peak
6	394.720	40.992	-6.696	34.296	46.000	11.704	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Vertical
 Test Mode: Charging&Receiving(220.0125MHz)
 Note: Part 15B

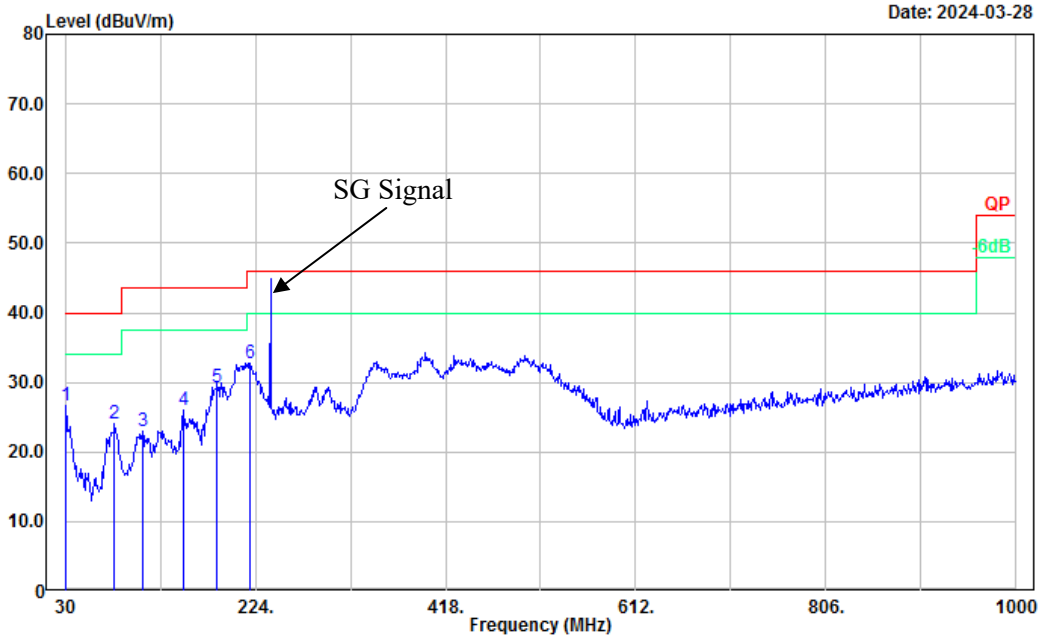
Serial No.: 2GSH-2
 Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.000	32.600	-2.990	29.610	40.000	10.390	Peak
2	48.430	47.511	-15.151	32.360	40.000	7.640	Peak
3	123.120	39.982	-10.012	29.970	43.500	13.530	Peak
4	154.160	44.168	-10.878	33.290	43.500	10.210	Peak
5	192.960	47.182	-11.492	35.690	43.500	7.810	Peak
6	203.630	46.303	-10.753	35.550	43.500	7.950	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Horizontal
 Test Mode: Charging&Receiving(240MHz)
 Note: Part 15B

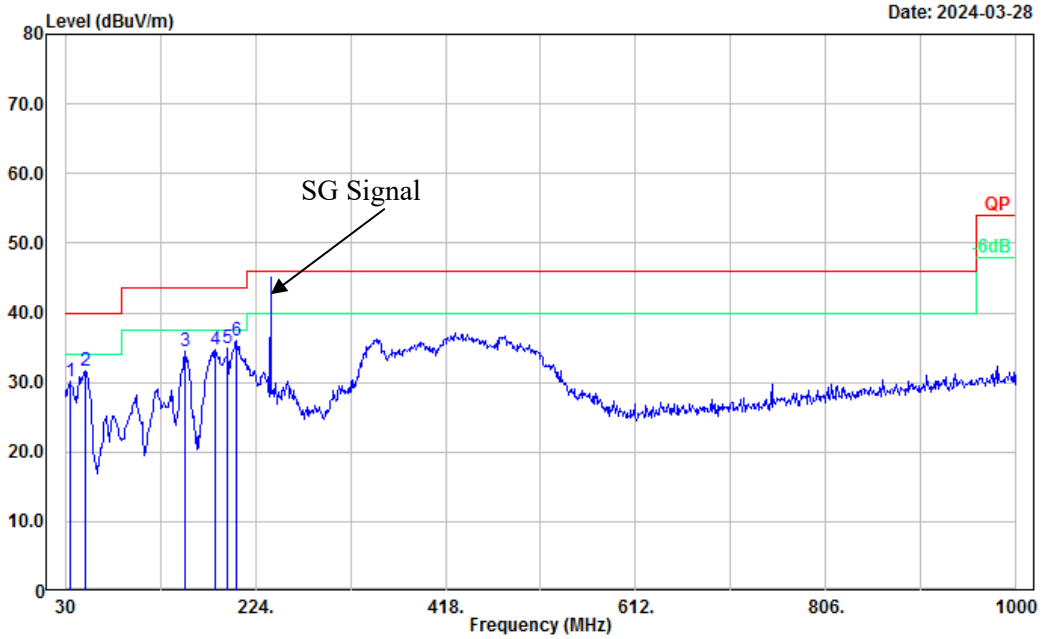
Serial No.: 2GSH-2
 Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.970	30.261	-3.570	26.691	40.000	13.309	Peak
2	80.440	40.017	-15.904	24.113	40.000	15.887	Peak
3	108.570	34.074	-11.156	22.918	43.500	20.582	Peak
4	150.280	36.823	-10.810	26.013	43.500	17.487	Peak
5	184.230	41.306	-11.952	29.354	43.500	14.146	Peak
6	219.150	43.631	-10.868	32.763	46.000	13.237	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Vertical
 Test Mode: Charging&Receiving(240MHz)
 Note: Part 15B

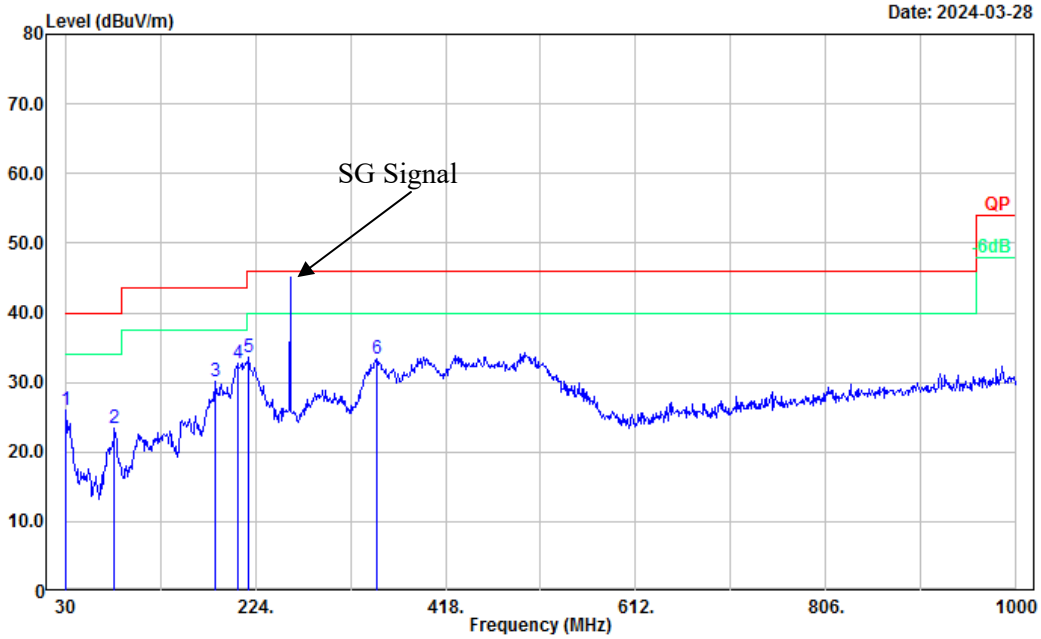
Serial No.: 2GSH-2
 Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	34.850	36.337	-6.197	30.140	40.000	9.860	Peak
2	50.370	47.832	-16.282	31.550	40.000	8.450	Peak
3	152.220	45.397	-10.867	34.530	43.500	8.970	Peak
4	183.260	46.795	-12.015	34.780	43.500	8.720	Peak
5	195.870	46.165	-11.155	35.010	43.500	8.490	Peak
6	204.600	46.639	-10.749	35.890	43.500	7.610	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Horizontal
 Test Mode: Charging&Receiving(259.9875MHz)
 Note: Part 15B

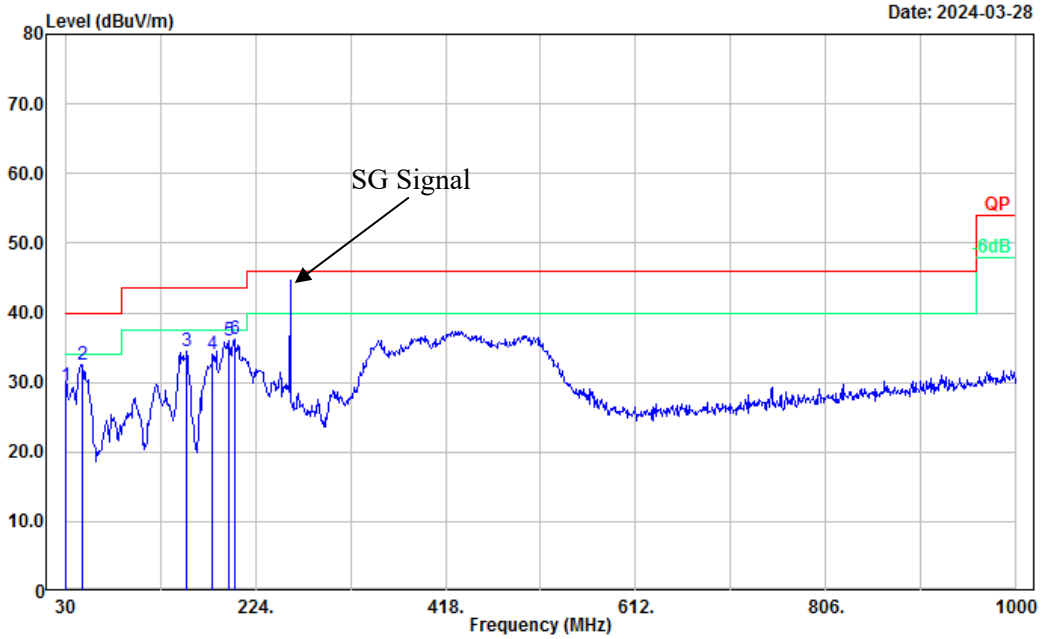
Serial No.: 2GSH-2
 Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.970	29.638	-3.570	26.068	40.000	13.932	Peak
2	80.440	39.282	-15.904	23.378	40.000	16.622	Peak
3	183.260	42.122	-12.015	30.107	43.500	13.393	Peak
4	205.570	43.542	-10.755	32.787	43.500	10.713	Peak
5	217.210	44.377	-10.860	33.517	46.000	12.483	Peak
6	348.160	41.464	-8.087	33.377	46.000	12.623	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Vertical
 Test Mode: Charging&Receiving(259.9875MHz)
 Note: Part 15B

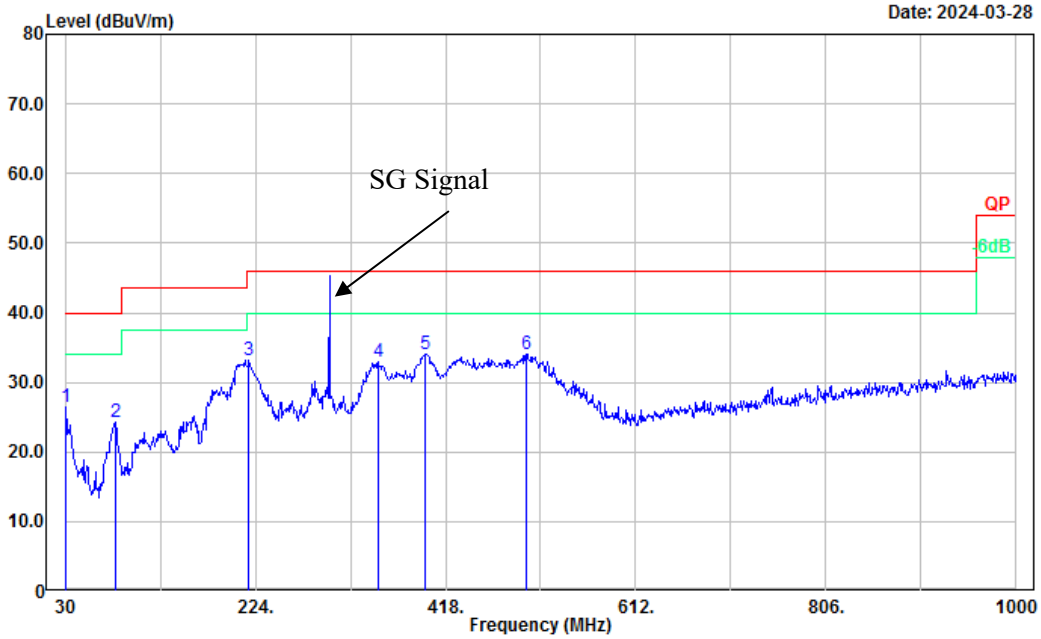
Serial No.: 2GSH-2
 Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.000	32.440	-2.990	29.450	40.000	10.550	Peak
2	47.460	47.141	-14.591	32.550	40.000	7.450	Peak
3	154.160	45.438	-10.878	34.560	43.500	8.940	Peak
4	180.350	46.009	-12.019	33.990	43.500	9.510	Peak
5	196.840	46.963	-11.023	35.940	43.500	7.560	Peak
6	202.660	46.929	-10.759	36.170	43.500	7.330	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Horizontal
 Test Mode: Charging&Receiving(350.0125MHz)
 Note: Part 15B

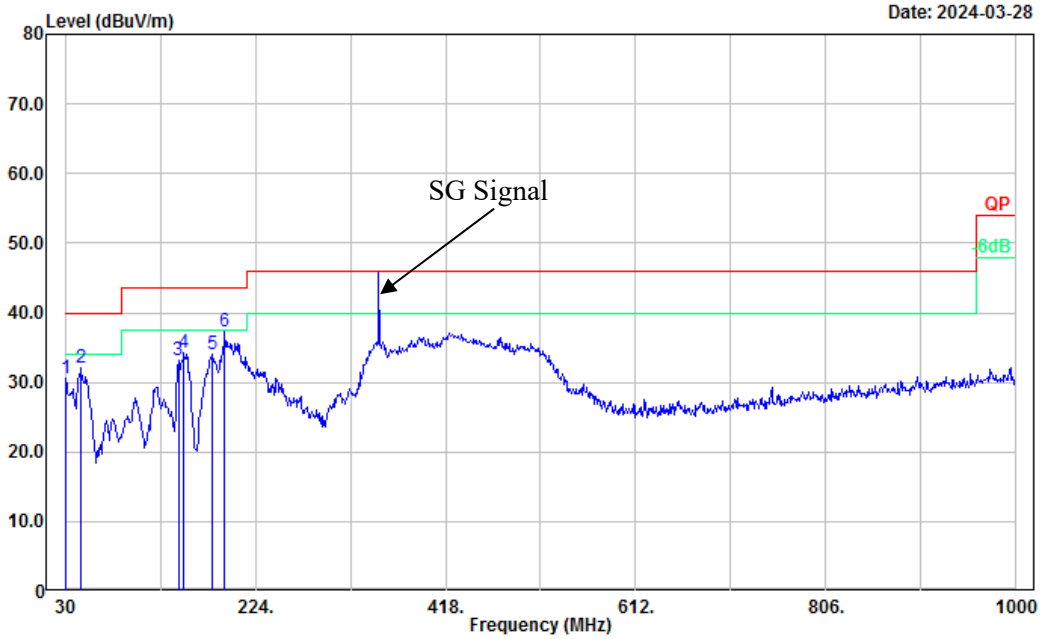
Serial No.: 2GSH-2
 Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.970	30.087	-3.570	26.517	40.000	13.483	Peak
2	81.410	40.260	-15.944	24.316	40.000	15.684	Peak
3	217.210	44.065	-10.860	33.205	46.000	12.795	Peak
4	349.130	40.949	-8.081	32.868	46.000	13.132	Peak
5	396.660	40.639	-6.660	33.979	46.000	12.021	Peak
6	500.450	37.720	-3.606	34.114	46.000	11.886	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Vertical
 Test Mode: Charging&Receiving(350.0125MHz)
 Note: Part 15B

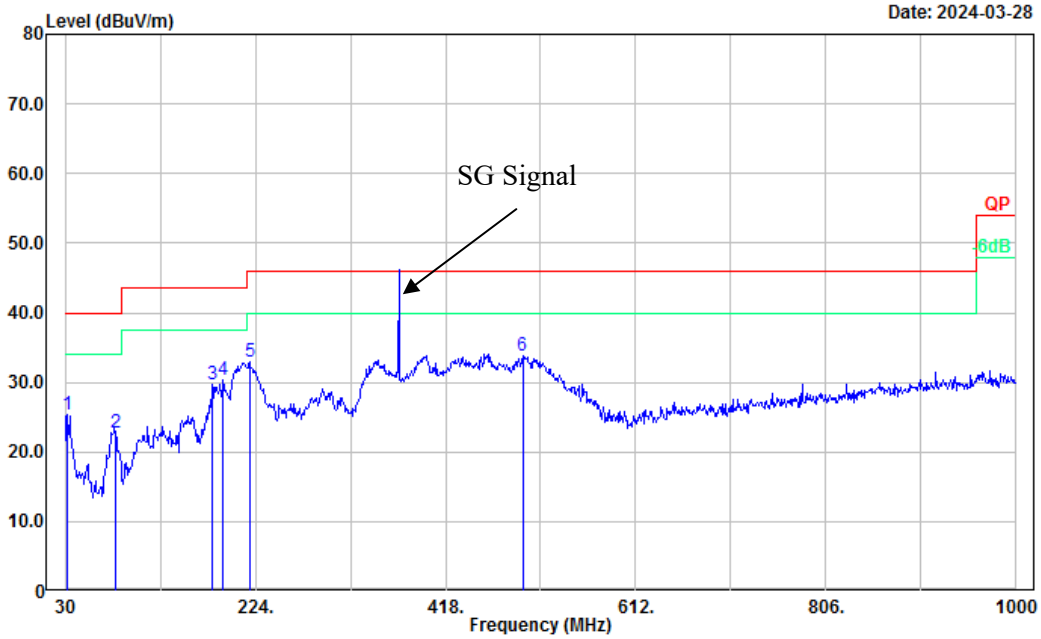
Serial No.: 2GSH-2
 Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.970	34.140	-3.570	30.570	40.000	9.430	Peak
2	46.490	46.119	-14.029	32.090	40.000	7.910	Peak
3	145.430	43.619	-10.449	33.170	43.500	10.330	Peak
4	151.250	44.993	-10.843	34.150	43.500	9.350	Peak
5	180.350	46.129	-12.019	34.110	43.500	9.390	Peak
6	192.960	48.822	-11.492	37.330	43.500	6.170	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Horizontal
 Test Mode: Charging&Receiving(370MHz)
 Note: Part 15B

Serial No.: 2GSH-2
 Tester: Leesin Xiang

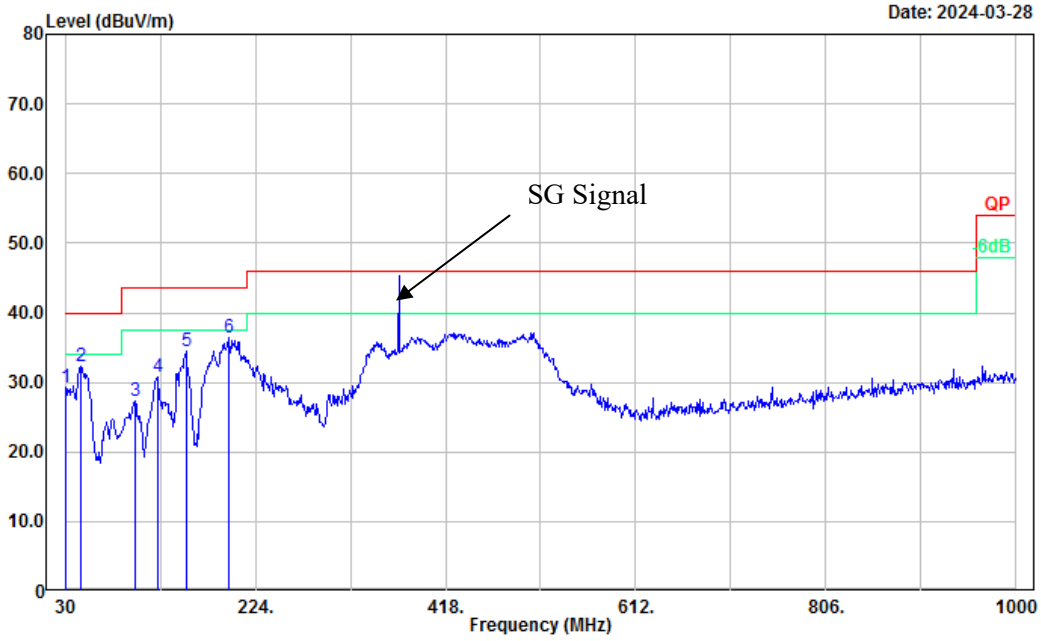


Date: 2024-03-28

No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	31.940	29.638	-4.310	25.328	40.000	14.672	Peak
2	81.410	38.694	-15.944	22.750	40.000	17.250	Peak
3	180.350	41.789	-12.019	29.770	43.500	13.730	Peak
4	191.020	42.062	-11.676	30.386	43.500	13.114	Peak
5	218.180	43.888	-10.864	33.024	46.000	12.976	Peak
6	496.570	37.426	-3.680	33.746	46.000	12.254	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Vertical
 Test Mode: Charging&Receiving(370MHz)
 Note: Part 15B

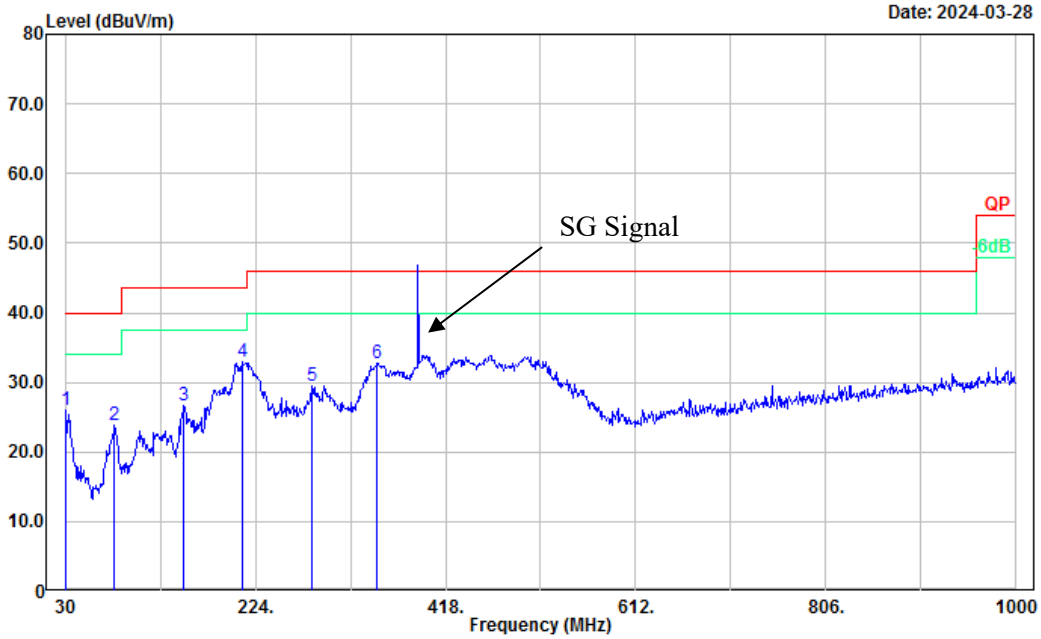
Serial No.: 2GSH-2
 Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.970	32.920	-3.570	29.350	40.000	10.650	Peak
2	46.490	46.269	-14.029	32.240	40.000	7.760	Peak
3	100.810	40.491	-13.131	27.360	43.500	16.140	Peak
4	124.090	40.681	-9.961	30.720	43.500	12.780	Peak
5	153.190	45.437	-10.867	34.570	43.500	8.930	Peak
6	196.840	47.373	-11.023	36.350	43.500	7.150	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Horizontal
 Test Mode: Charging&Receiving(389.9875MHz)
 Note: Part 15B

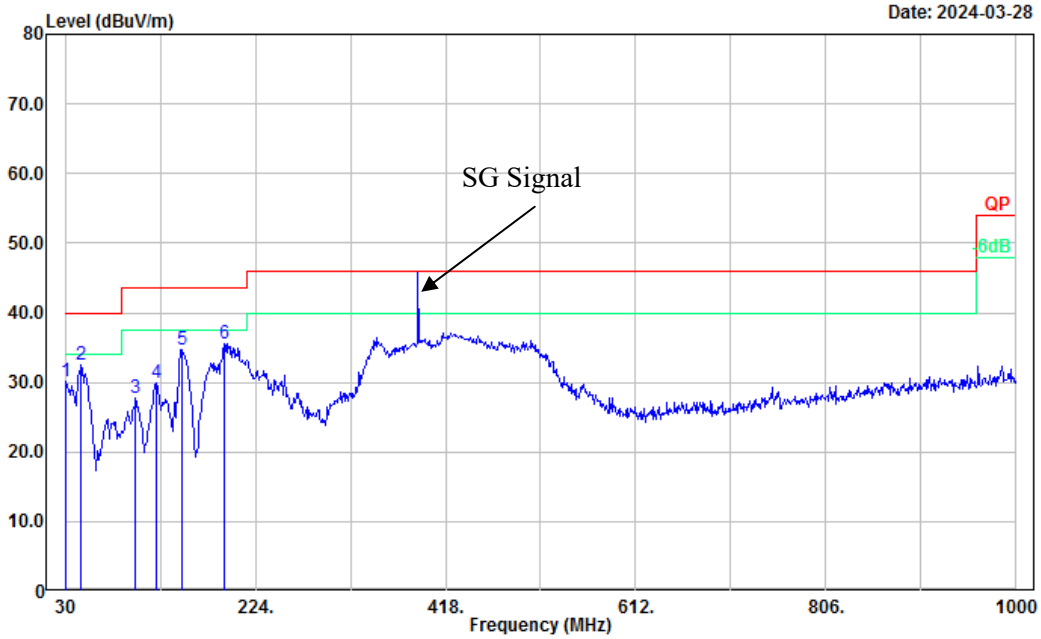
Serial No.: 2GSH-2
 Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.970	29.646	-3.570	26.076	40.000	13.924	Peak
2	80.440	39.791	-15.904	23.887	40.000	16.113	Peak
3	151.250	37.583	-10.843	26.740	43.500	16.760	Peak
4	210.420	43.681	-10.809	32.872	43.500	10.628	Peak
5	281.230	39.044	-9.528	29.516	46.000	16.484	Peak
6	348.160	40.801	-8.087	32.714	46.000	13.286	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Vertical
 Test Mode: Charging&Receiving(389.9875MHz)
 Note: Part 15B

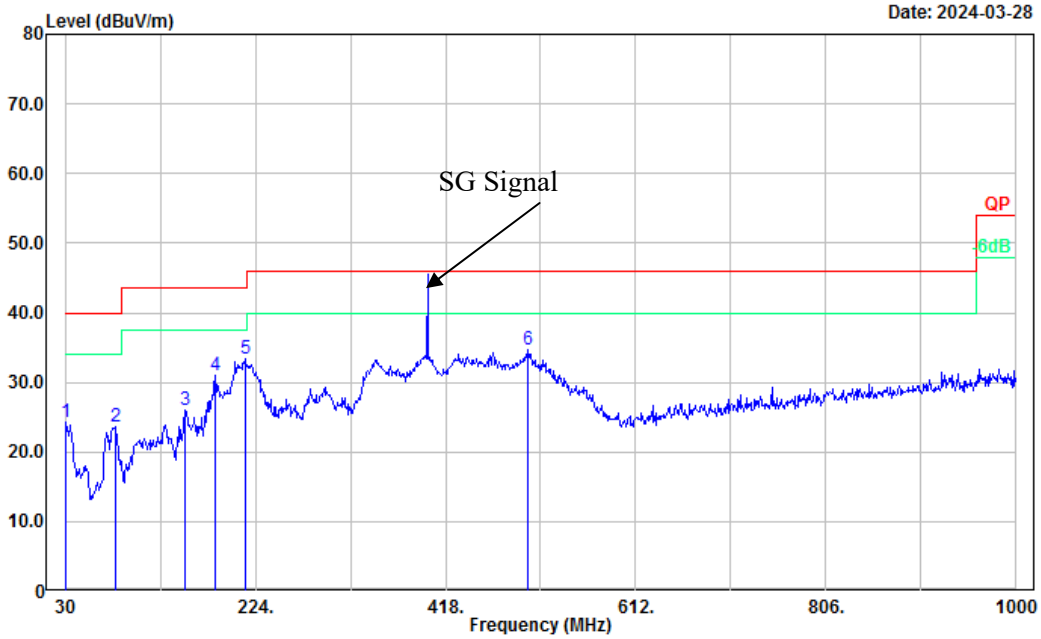
Serial No.: 2GSH-2
 Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.970	33.620	-3.570	30.050	40.000	9.950	Peak
2	46.490	46.509	-14.029	32.480	40.000	7.520	Peak
3	101.780	40.582	-12.892	27.690	43.500	15.810	Peak
4	123.120	39.962	-10.012	29.950	43.500	13.550	Peak
5	149.310	45.562	-10.772	34.790	43.500	8.710	Peak
6	191.990	47.137	-11.567	35.570	43.500	7.930	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Horizontal
 Test Mode: Charging&Receiving(400.0125MHz)
 Note: Part 15B

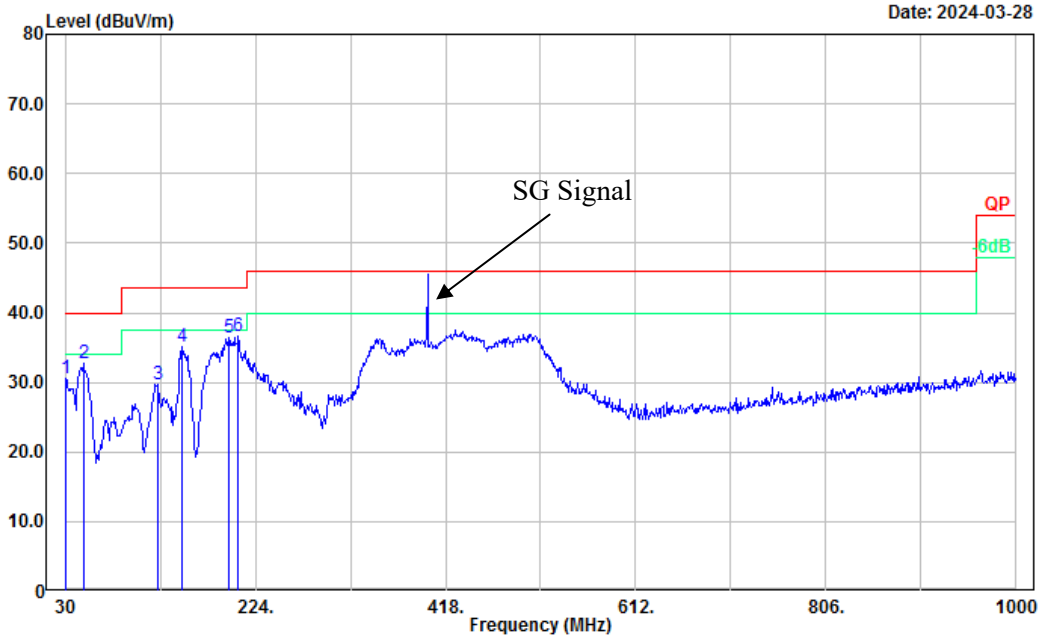
Serial No.: 2GSH-2
 Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.970	27.814	-3.570	24.244	40.000	15.756	Peak
2	81.410	39.627	-15.944	23.683	40.000	16.317	Peak
3	152.220	36.846	-10.867	25.979	43.500	17.521	Peak
4	183.260	42.998	-12.015	30.983	43.500	12.517	Peak
5	213.330	44.124	-10.836	33.288	43.500	10.212	Peak
6	502.390	38.340	-3.592	34.748	46.000	11.252	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Vertical
 Test Mode: Charging&Receiving(400.0125MHz)
 Note: Part 15B

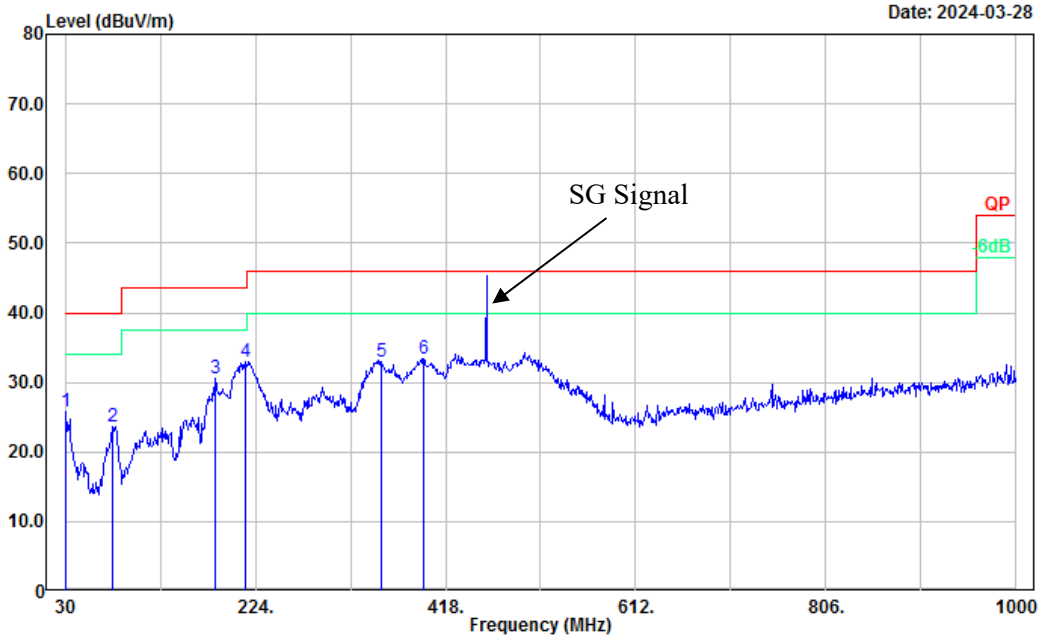
Serial No.: 2GSH-2
 Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.970	34.150	-3.570	30.580	40.000	9.420	Peak
2	48.430	47.811	-15.151	32.660	40.000	7.340	Peak
3	124.090	39.711	-9.961	29.750	43.500	13.750	Peak
4	149.310	45.872	-10.772	35.100	43.500	8.400	Peak
5	196.840	47.413	-11.023	36.390	43.500	7.110	Peak
6	206.540	47.324	-10.764	36.560	43.500	6.940	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Horizontal
 Test Mode: Charging&Receiving(460MHz)
 Note: Part 15B

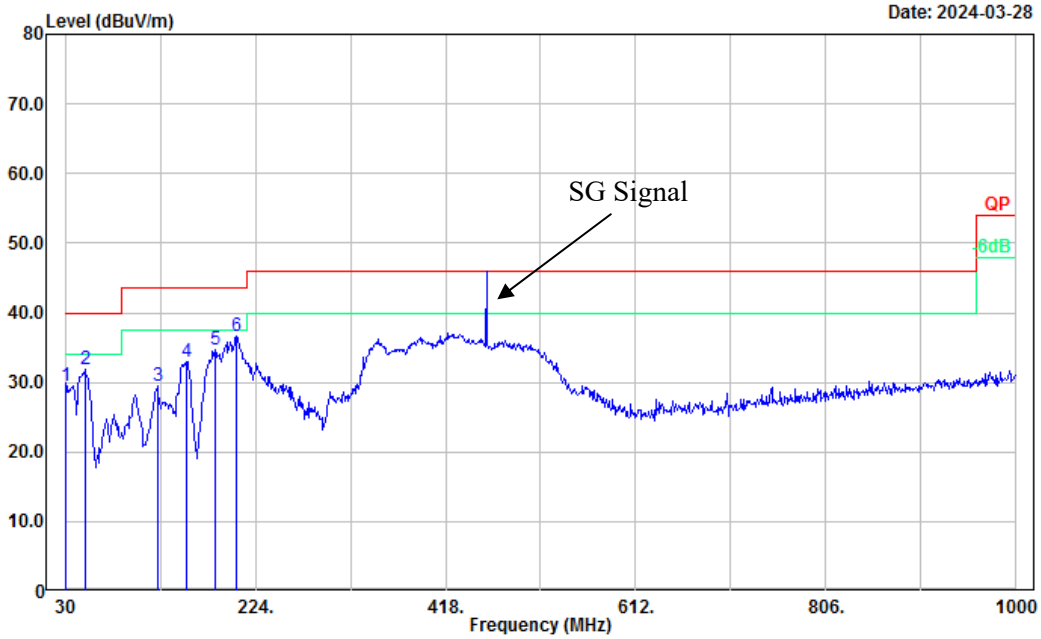
Serial No.: 2GSH-2
 Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.970	29.290	-3.570	25.720	40.000	14.280	Peak
2	78.500	39.607	-16.021	23.586	40.000	16.414	Peak
3	183.260	42.553	-12.015	30.538	43.500	12.962	Peak
4	213.330	43.789	-10.836	32.953	43.500	10.547	Peak
5	353.010	40.939	-8.000	32.939	46.000	13.061	Peak
6	395.690	40.165	-6.674	33.491	46.000	12.509	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Vertical
 Test Mode: Charging&Receiving(460MHz)
 Note: Part 15B

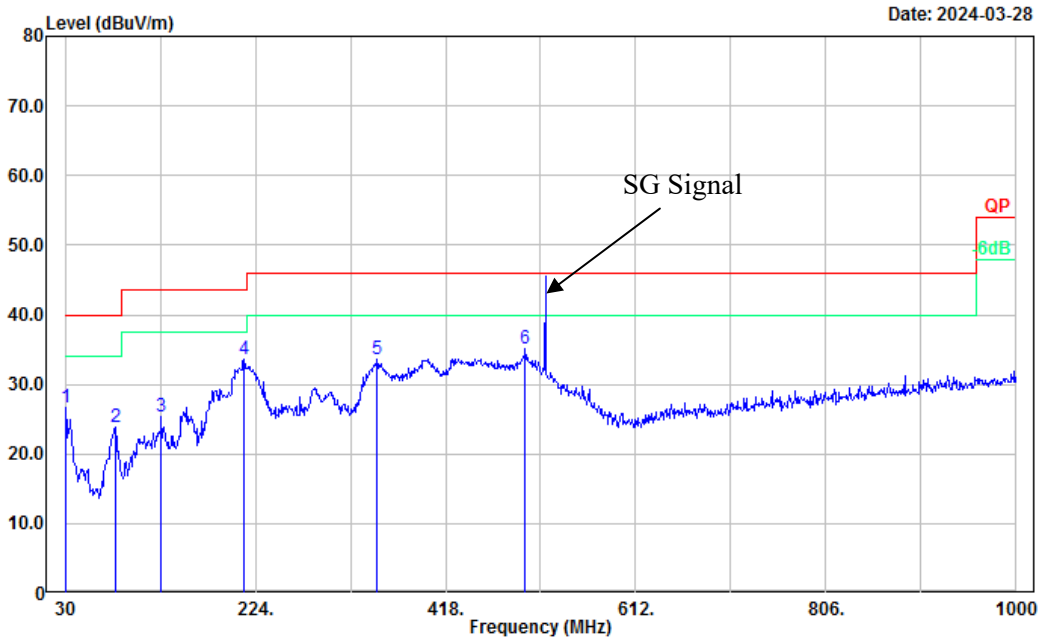
Serial No.: 2GSH-2
 Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.000	32.500	-2.990	29.510	40.000	10.490	Peak
2	50.370	48.172	-16.282	31.890	40.000	8.110	Peak
3	124.090	39.371	-9.961	29.410	43.500	14.090	Peak
4	154.160	43.908	-10.878	33.030	43.500	10.470	Peak
5	183.260	46.705	-12.015	34.690	43.500	8.810	Peak
6	204.600	47.379	-10.749	36.630	43.500	6.870	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Horizontal
 Test Mode: Charging&Receiving(519.9875MHz)
 Note: Part 15B

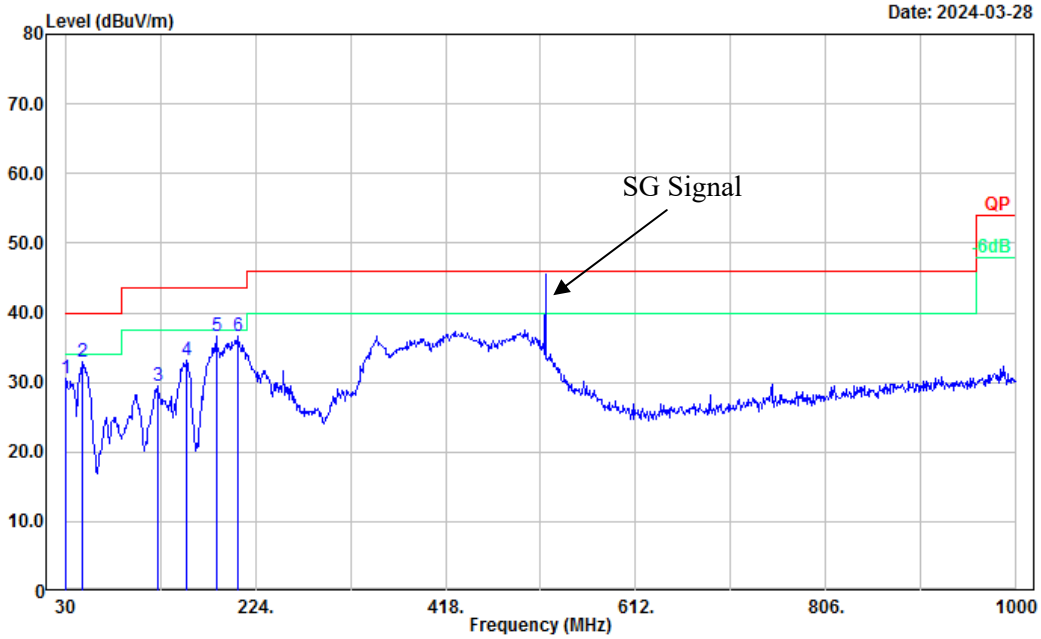
Serial No.: 2GSH-2
 Tester: Leesin Xiang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.970	30.241	-3.570	26.671	40.000	13.329	Peak
2	81.410	39.760	-15.944	23.816	40.000	16.184	Peak
3	127.970	35.125	-9.730	25.395	43.500	18.105	Peak
4	212.360	44.329	-10.828	33.501	43.500	9.999	Peak
5	348.160	41.633	-8.087	33.546	46.000	12.454	Peak
6	499.480	38.639	-3.620	35.019	46.000	10.981	Peak

Project No.: XMTN1240117-04007E-RF
 Polarization: Vertical
 Test Mode: Charging&Receiving(519.9875MHz)
 Note: Part 15B

Serial No.: 2GSH-2
 Tester: Leesin Xiang

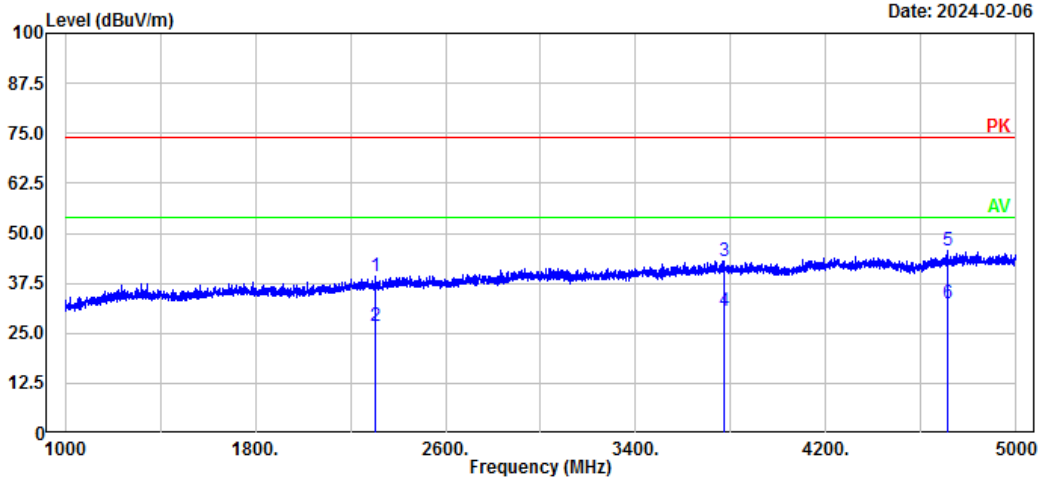


No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	30.970	34.240	-3.570	30.670	40.000	9.330	Peak
2	47.460	47.451	-14.591	32.860	40.000	7.140	Peak
3	124.090	39.461	-9.961	29.500	43.500	14.000	Peak
4	154.160	43.948	-10.878	33.070	43.500	10.430	Peak
5	184.230	48.622	-11.952	36.670	43.500	6.830	Peak
6	205.570	47.315	-10.755	36.560	43.500	6.940	Peak

**2) 1GHz-5GHz:
Charging & Scanning(worst is 400-520MHz)**

Project No.: XMTN1240117-04007E-RF
 Polarization: Horizontal
 Test Mode: Charging & Scanning (400-520MHz)
 Note:

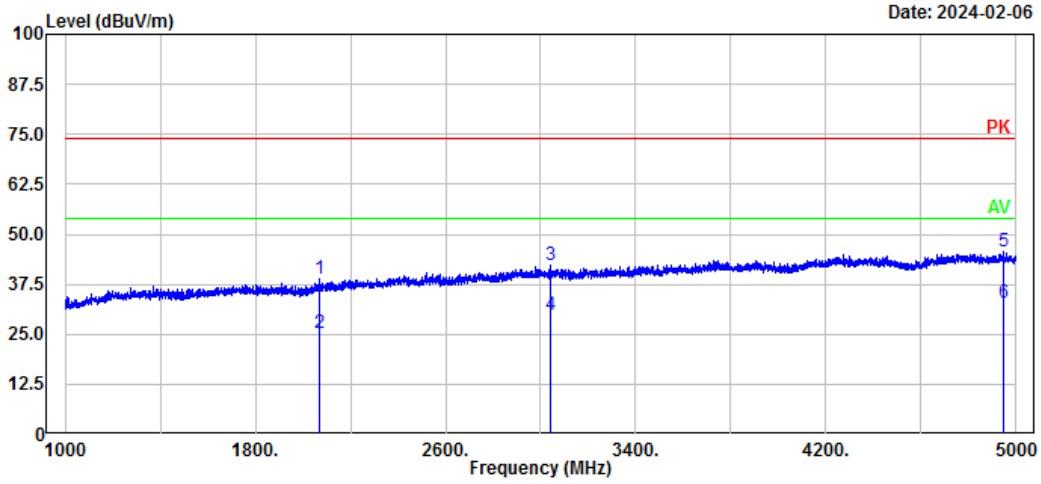
Serial No.: 2GSH-2
 Tester: Bill Yang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2301.86	47.61	-8.38	39.23	74.00	34.77	Peak
2	2301.86	35.02	-8.38	26.64	54.00	27.36	Average
3	3772.55	48.06	-4.90	43.16	74.00	30.84	Peak
4	3772.55	35.37	-4.90	30.47	54.00	23.53	Average
5	4712.74	48.77	-3.15	45.62	74.00	28.38	Peak
6	4712.74	35.71	-3.15	32.56	54.00	21.44	Average

Project No.: XMTN1240117-04007E-RF
 Polarization: Vertical
 Test Mode: Charging & Scanning (400-520MHz)
 Note:

Serial No.: 2GSH-2
 Tester: Bill Yang

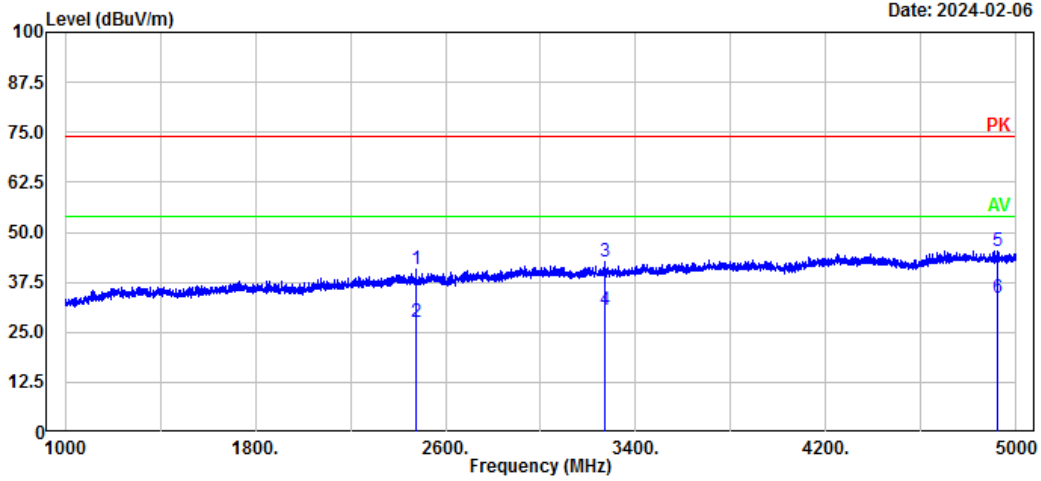


No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2069.81	47.82	-8.92	38.90	74.00	35.10	Peak
2	2069.81	34.38	-8.92	25.46	54.00	28.54	Average
3	3038.81	48.27	-6.10	42.17	74.00	31.83	Peak
4	3038.81	35.98	-6.10	29.88	54.00	24.12	Average
5	4947.19	48.15	-2.42	45.73	74.00	28.27	Peak
6	4947.19	35.15	-2.42	32.73	54.00	21.27	Average

Charging & Receiving(worst is 519.9875MHz)

Project No.: XMTN1240117-04007E-RF
 Polarization: Horizontal
 Test Mode: Charging & Receiving(519.9875MHz)
 Note:

Serial No.: 2GSH-2
 Tester: Bill Yang

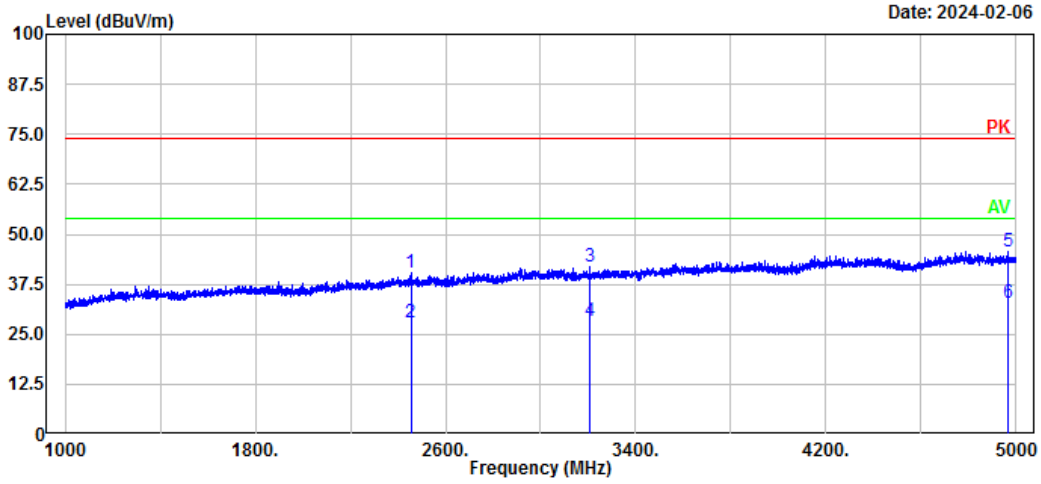


Date: 2024-02-06

No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2473.90	48.26	-7.64	40.62	74.00	33.38	Peak
2	2473.90	35.09	-7.64	27.45	54.00	26.55	Average
3	3272.46	48.53	-5.99	42.54	74.00	31.46	Peak
4	3272.46	36.45	-5.99	30.46	54.00	23.54	Average
5	4920.78	47.71	-2.54	45.17	74.00	28.83	Peak
6	4920.78	36.03	-2.54	33.49	54.00	20.51	Average

Project No.: XMTN1240117-04007E-RF
 Polarization: Vertical
 Test Mode: Charging & Receiving(519.9875MHz)
 Note:

Serial No.: 2GSH-2
 Tester: Bill Yang



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
1	2453.89	48.00	-7.67	40.33	74.00	33.67	Peak
2	2453.89	35.52	-7.67	27.85	54.00	26.15	Average
3	3207.64	47.87	-6.08	41.79	74.00	32.21	Peak
4	3207.64	34.57	-6.08	28.49	54.00	25.51	Average
5	4967.19	47.88	-2.31	45.57	74.00	28.43	Peak
6	4967.19	35.18	-2.31	32.87	54.00	21.13	Average

4.3 Scanning Receivers and Frequency Converters Used with Scanning Receivers

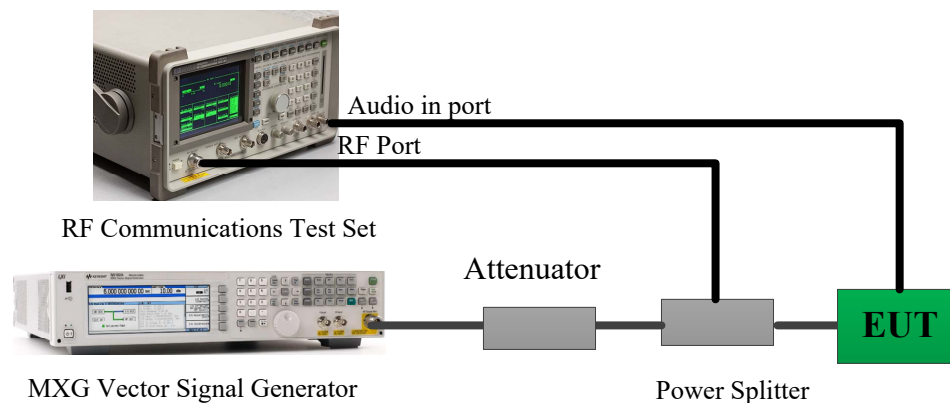
4.3.1 Applicable Standard

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 its 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 its 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 Test Data and Result

Serial Number:	2GSH-2	Test Date:	2024/3/11
Test Site:	RF	Test Mode:	Scanning
Tester:	Stu Song	Test Result:	Pass

Environmental Conditions:					
Temperature: (°C)	22.3	Relative Humidity: (%)	59	ATM Pressure: (kPa)	101.4

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
yzjingcheng	Coaxial Cable	KTRFBU-141-50	41010012	2023/9/1	2024/8/31
yzjingcheng	Coaxial Cable	KTRFBU-141-50	41010013	2023/9/1	2024/8/31
yzjingcheng	Coaxial Cable	KTRFBU-141-50	41005011	2023/9/1	2024/8/31
HP	RF Communications Test Set	8920A	3438A05201	2023/10/18	2024/10/17
Agilent	MXG Vector Signal Generator	N5182B	MY51350142	2023/9/1	2024/8/31
Minl-Clrucits	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)
108-136,136-174,220-260, 350-390,400-520	824, 836, 849, 869,881.5, 894	43	>38

APPENDIX A - EUT PHOTOGRAPHS

Please refer to the attachment XMTN1240117-04007E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and XMTN1240117-04007E-RF-INP EUT INTERNAL PHOTOGRAPHS

APPENDIX B - TEST SETUP PHOTOGRAPHS

Please refer to the attachment XMTN1240117-04007E-RF-00A-TSP TEST SETUP PHOTOGRAPHS.

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