



FCC PART 15.407 TEST REPORT

For

Fujian LANDI Commercial Equipment Co., Ltd.

Building 17, Section A, Software Park, No. 89 Software Road, Gulou District, Fuzhou Municipality, Fujian Province, China

FCC ID: 2AG6N-SLM927AM4MG

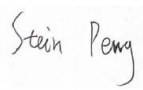

Report Type: Class II Permissive Change Report	Product Name: Smart Module
Report Number:	2407W89604E-RF-03
Report Date:	2024-09-24
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REPORT REVISION HISTORY

Number of Revisions	Report No.	Version	Issue Date	Description
0	2407W89604E-RF-03	R1V1	2024-09-24	Class II Permission Change

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Product Name:	Smart Module
Tested Model:	SLM927
★Power Supply:	DC 3.8 V
Maximum Conducted Output Power:	15.18 dBm in 5150-5250 MHz Band; 15.13 dBm in 5250-5350 MHz Band; 14.68 dBm in 5470-5725 MHz Band; 14.78 dBm in 5725-5850 MHz Band
Frequency Range:	Band1: 5180-5240 MHz (802.11a/n ht20/ac vht20) 5190-5230 MHz(802.11n ht40/ac vht40) 5210 MHz(802.11ac vht80) Band2: 5260-5320 MHz (802.11a/n ht20/ac vht20) 5270-5310 MHz(802.11n ht40/ac vht40) 5290 MHz(802.11ac vht80) Band3: 5500-5720 MHz (802.11a/n ht20/ac vht20) 5510-5710 MHz(802.11n ht40/ac vht40) 5530-5690MHz(802.11ac vht80) Band4: 5745-5825 MHz (802.11a/n ht20/ac vht20) 5755-5795 MHz(802.11n ht40/ac vht40) 5775 MHz(802.11ac vht80)
Modulation Technique:	802.11a/n/ac: OFDM-BPSK, QPSK, 16QAM, 64QAM,256QAM
Antenna Type:	FPC Antenna
★Maximum Antenna Gain:	0.69dBi@B1, 0.74dBi@B2, 0.95dBi@B3, 0.95dBi@B4
EUT Received Status:	Good
<i>Note:</i> 1. The Maximum Antenna Gain was declared by manufacturer. 2. The power supply by user manual. 3. All measurement and test data in this report was gathered from production sample serial number: 2M7D-3(Assigned by the BACL(Xiamen). The EUT supplied by the applicant was received on 2024-06-17)	

Objective

This report is prepared on behalf of *Fujian LANDI Commercial Equipment Co., Ltd.* in accordance with Part 2-Subpart J, Part 15-Subparts A and E of the Federal Communication Commission's rules.

The tests were performed in order to determine compliance with FCC Part 15, Subpart E, and section 15.203, 15.205, 15.207, 15.209 and 15.407 rules.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2013, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

All emissions measurement was performed at Bay Area Compliance Laboratories Corp. (Xiamen). The radiated testing was performed at an antenna-to-EUT distance of 3 meters.

Test Facility

The test site used by Bay Area Compliance Laboratories Corp. (Xiamen) to collect test data is located on the Unit 102, No. 902 Meifeng South Road, Binhai West Avenue, Science and Technology Innovation Park, Torch High tech Zone Xiamen.

Bay Area Compliance Laboratories Corp. (Xiamen) Lab is accredited to ISO/IEC 17025 by A2LA (Certificate Number: 7134.01) and the lab has been recognized as the FCC accredited lab under the KDB 974614 D01, the FCC Designation No. : CN1384.

Measurement Uncertainty

Item		U _{lab}
AC Power Lines Conducted Emissions	150kHz-30MHz	2.33 dB
Radiated emission	9kHz-30MHz	2.59 dB
	30MHz-200MHz	4.38 dB
	200MHz~1GHz	4.50 dB
	1GHz~6GHz	4.58 dB
	6GHz~18GHz	5.43 dB
	18GHz~26.5GHz	5.47 dB
Occupied Bandwidth		0.10MHz
Transmitter Conducted Power		0.624 dB
Temperature		1 °C
Humidity		5%

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

SYSTEM TEST CONFIGURATION

Test Mode and Voltage

The system was configured for testing in a typical mode (as normally used by a typical user).	
Test mode:	Test mode 1: Transmitting
Test voltage:	Test mode 1: AC120V/60Hz
Remark:	During all emission tests, the EUT was configured to measure its highest possible emission level and the worst case's test data was presented in this test report.

Description of Test Configuration

For 802.11a/n ht20/ac vht20:

5150-5250MHz Band		5250-5350 MHz Band		5470-5725 MHz Band		5725-5850MHz Band	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	52	5260	100	5500	149	5745
40	5200	56	5280	104	5520	153	5765
44	5220	60	5300	108	5540	157	5785
48	5240	64	5320	112	5560	161	5805
/	/	/	/	116	5580	165	5825
/	/	/	/	120	5600	/	/
/	/	/	/	124	5620	/	/
/	/	/	/	128	5640	/	/
/	/	/	/	132	5660	/	/
/	/	/	/	136	5680	/	/
/	/	/	/	140	5700	/	/
/	/	/	/	144	5720 ^{Note}	/	/

For 802.11n ht40/ac vht40:

5150-5250MHz Band		5250-5350 MHz Band		5470-5725 MHz Band		5725-5850MHz Band	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190	54	5270	102	5510	151	5755
46	5230	62	5310	110	5550	159	5795
		/	/	118	5590		
		/	/	126	5630		
/	/	/	/	134	5670	/	/
/	/	/	/	142	5710 ^{Note}	/	/

For 802.11ac vht80:

5150-5250MHz Band		5250-5350 MHz Band		5470-5725 MHz Band		5725-5850MHz Band	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
42	5210	58	5290	106	5530	155	5775
/	/	/	/	122	5610	/	/
/	/	/	/	138	5690 ^{Note}	/	/

Note: Additional channels cross the band 5470-5725MHz and 5725-5850 MHz, Conducted output power test with the additional channel to compliance with stricter limit of the two bands (5470-5725MHz more stricter).

Equipment Modifications

No modification was made to the EUT tested.

EUT Operation Condition

The system was configured for testing in Engineering Mode, which was provided by the manufacturer.

★EUT Exercise Software:		QRCT4.exe			
Mode	Data rate	★Power level			
		5150-5250 MHz Band	5250-5350 MHz Band	5470-5725 MHz Band	5725-5850 MHz Band
802.11a	6 Mbps	20	20	20	20
802.11ac20	MCS0	20	20	20	20
802.11n-HT20	MCS0	20	20	20	20
802.11ac40	MCS0	20	20	20	20
802.11n-HT40	MCS0	20	20	20	20
802.11ac80	MCS0	20	20	20	20

Support Equipment List and Details

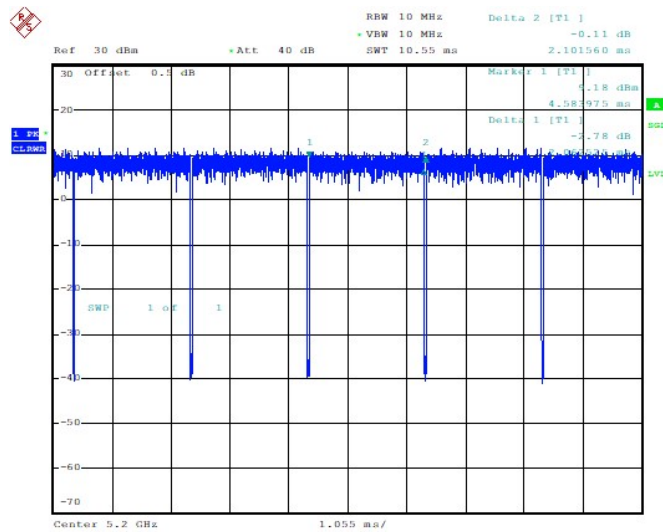
Manufacturer	Description	Model	Serial Number
LITEON	AC ADAPTER	PA-1650-90	NSW26604
LIANDI	Substrate	C20_C_V100	245075

External I/O Cable

Cable Description	Length (m)	From Port	To
POWER CABLE	1.2	EUT	ADAPTER
POWER CABLE	1.0	ADAPTER	SOCKET

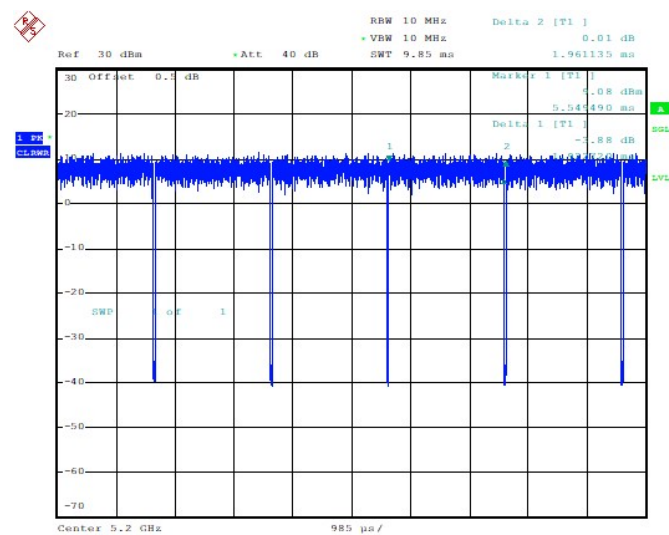
Duty Cycle

Mode	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor (dB)	1/Ton (Hz)	VBW Setting (kHz)
802.11a	2.063	2.102	98.14	/	/	0.010
802.11n20	1.923	1.961	98.06	/	/	0.010
802.11n40	0.947	0.984	96.24	0.17	1056	2
802.11ac20	1.932	1.970	98.07	/	/	0.010
802.11ac40	0.951	0.989	96.16	0.17	1052	2
802.11ac80	0.458	0.500	91.60	0.38	2183	3

802.11a mode

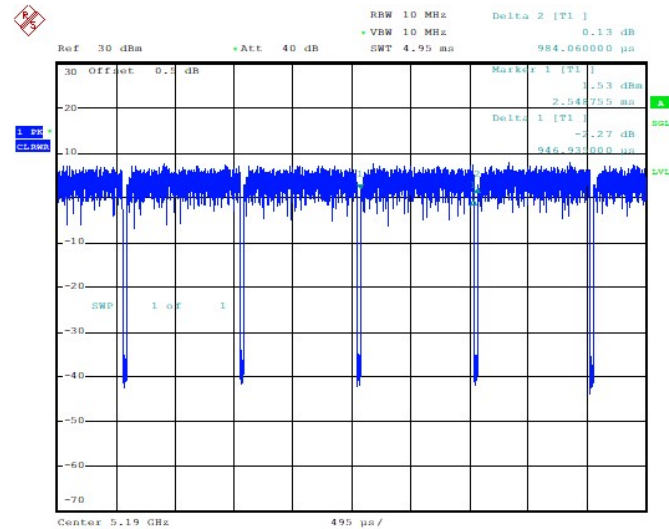
ProjectNo.:2407W89604E-RF Tester:Ash Lin
 Date: 10.AUG.2024 15:48:57

802.11n20 mode



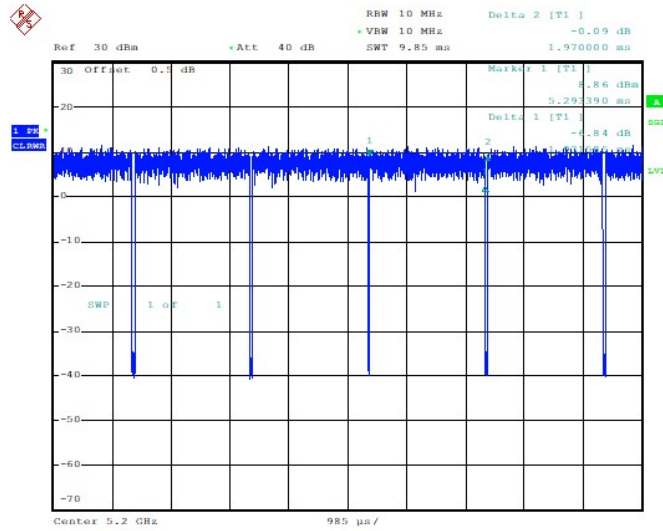
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Date: 10.AUG.2024 15:53:45

802.11n40 mode



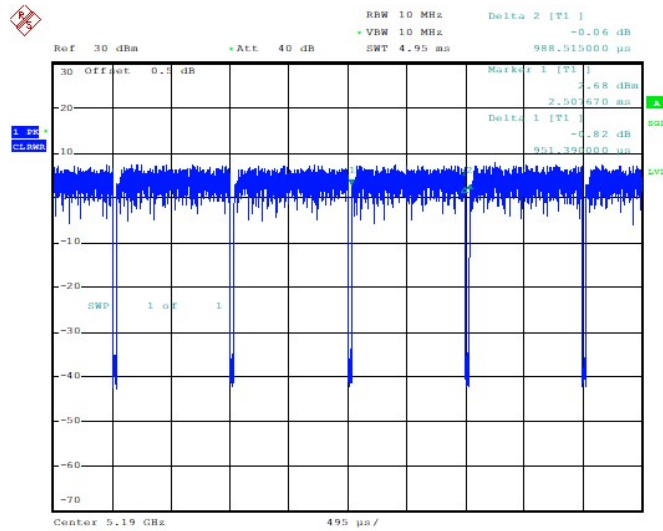
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Date: 10.AUG.2024 16:00:55

802.11ac20 mode



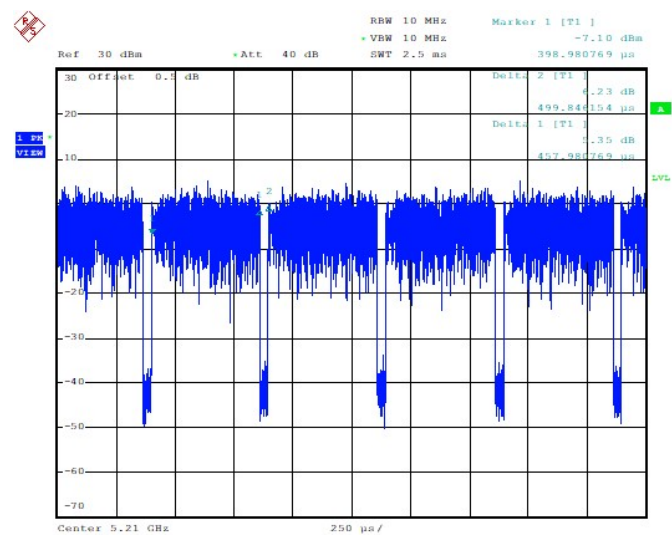
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Date: 10.AUG.2024 16:11:32

802.11ac 40 mode



ProjectNo.:2407W89604E-RF Tester:Ash Lin
Date: 10.AUG.2024 16:16:19

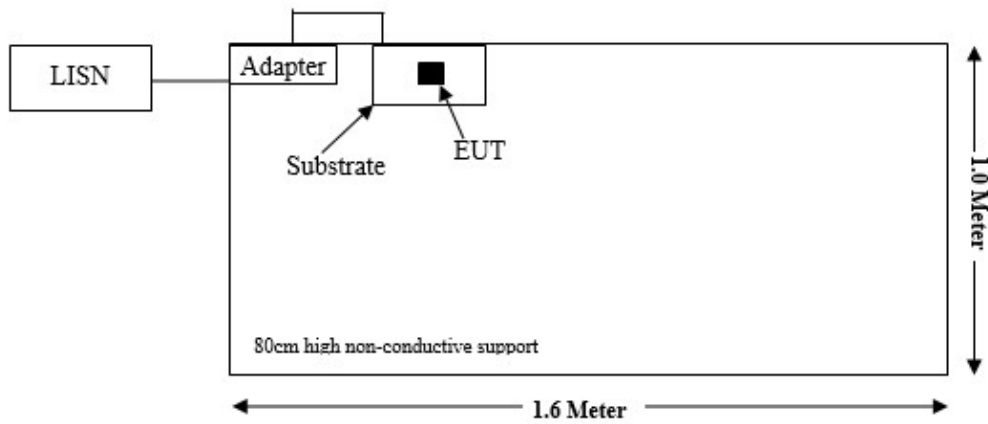
802.11ac80 mode



ProjectNo.:2407W89604E-RF Tester:Ash Lin
Date: 10.AUG.2024 16:22:40

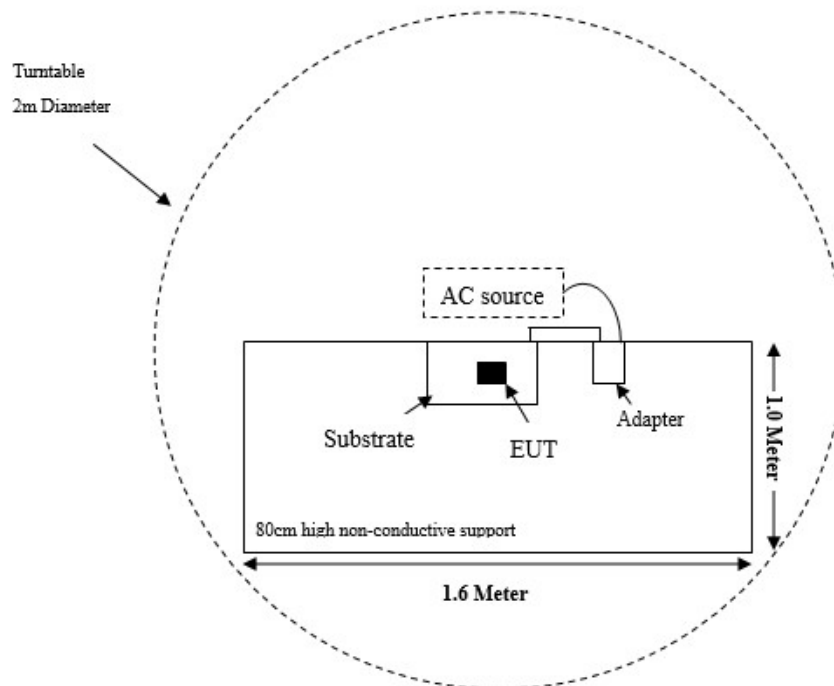
Block Diagram of Test Setup

Conducted Emission:

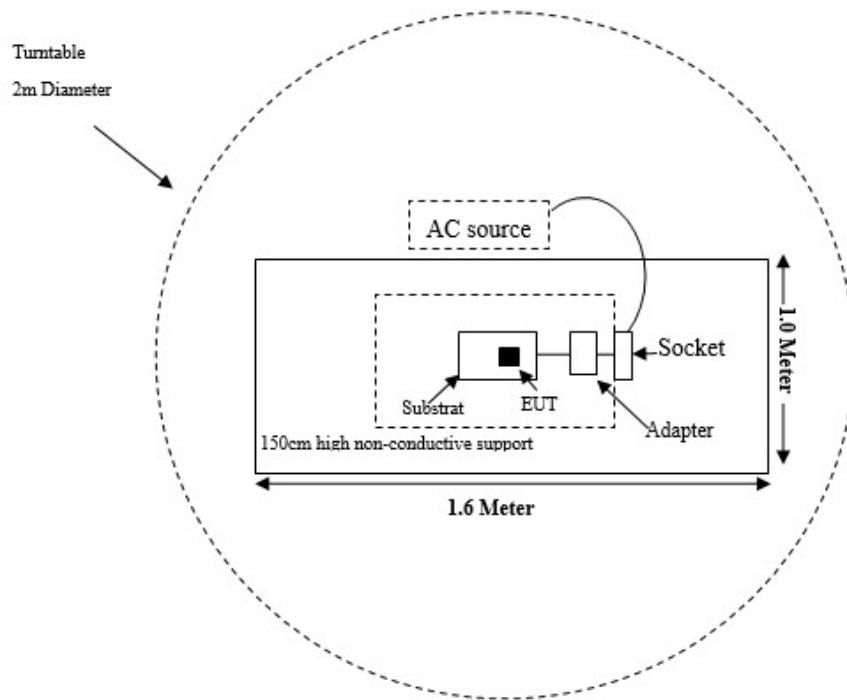


Radiated Emission:

Below 1GHz



Above 1GHz



SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result	Remark
§15.203	Antenna Requirement	Compliance	
§15.207 (a)	AC Line Conducted Emissions	Compliance	
§15.205, §15.209, §15.407(b)	Spurious Emissions	Compliance	
§15.407 (a)(e)	6 dB Emission Bandwidth	-	See Note 2
§15.407(a)	Maximum Conducted Output Power	Reporting	
§15.407(a)	Power Spectral Density	-	See Note 2

Note 1:

This is Class II permissive change application based on the Change ID device, model: SLM927, FCC ID: 2AG6N-SLM927AM4MG. The Change ID device based on the original device, model: SLM927, FCC ID:2APJ4-SLM927, which was tested by Sporton International Inc. (Kunshan). The change between the original equipment and the current equipment is stated and guaranteed by the applicant, as following:

1. Change the antenna.

Per Spot check with RF output power, the RF parameters are identical with the original device. Therefore, AC Line Conducted Emissions and Radiated Spurious Emissions was tested based on the change.

Note 2:

Please refer to Report No: FR372809D

The Bay Area Compliance Laboratories Corp. (Xiamen) is responsible for all the information provided in this report, except when information is provided by the customer as identified in this report.

TEST EQUIPMENT LIST

Test Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due Date
Conducted Emissions					
EMI Test Receiver	Rohde & Schwarz	ESR	103105	2024/03/29	2025/03/28
LISN	Rohde & Schwarz	ENV216	100129	2024/03/29	2025/03/28
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	0357.8810.54	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH400T-N-4M	CC001	2024/03/29	2025/03/28
Test Software	Audix	E3	18621a	N/A	N/A
Radiated Emissions Below 1GHz					
EMI Test Receiver	Rohde & Schwarz	ESR	103103	2024/03/29	2025/03/28
Loop Antenna	Rohde & Schwarz	HFH2-Z2	830749/001	2023/07/27	2026/07/26
Antenna	Sunol Sciences	JB6	A122022-5	2023/07/27	2026/07/26
Amplifier	Sonoma	310B	120903	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH400T-N-4M	CC002	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH460B-N-2M	CC006	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH460B-N-12M	CC007	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	HFH2-CC	335.3609	2024/03/29	2025/03/28
Test Software	Audix	E3	18621a	N/A	N/A
Radiated Emissions Above 1 GHz					
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102051	2024/03/29	2025/03/28
Filter Switch Unit	Decentest	DT7220FSU	DS79904	2024/02/23	2025/02/22
Multiplex Switch Test Control Set	Decentest	DT7220SCU	DS79901	2024/02/23	2025/02/22
Double Ridge Guide Horn Antenna	A.H.Systems	SAS-571	1980	2023/07/28	2026/07/27
Preamplifier	A.H.Systems	PAM-0118P	489	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH800A-N-6M	CC003	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH800A-N-1M	CC005	2024/03/29	2025/03/28
Horn Antenna	EMCO	3116	9407-2232	2023/07/31	2026/07/30
Preamplifier	A.H.Systems	PAM-1840	200	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH360A-2.92-3M	CC008	2024/03/29	2025/03/28
Coaxial Cable	XINHANGWEIBO	XH360A-2.92-1M	CC009	2024/03/29	2025/03/28
Test Software	Audix	E3	18621a	N/A	N/A
RF Conducted Test					
Spectrum Analyzer	Rohde & Schwarz	FSU	100405	2023-09-12	2024/09/11
Coaxial Cable	N/A	N/A	N/A	2024/03/29	2025/03/28
Power Sensor	HP	8481A	PS20240325	2024/03/29	2025/03/28

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

FCC §15.203 - ANTENNA REQUIREMENT

Applicable Standard

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§15.211, 15.213, 15.217, 15.219, 15.221, or §15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

Antenna Connector Construction

The EUT has one FPC antenna arrangement for 5G WIFI, which was permanently attached and the maximum antenna gain is 0.95dBi, fulfill the requirement of this section. Please refer to the EUT photos.

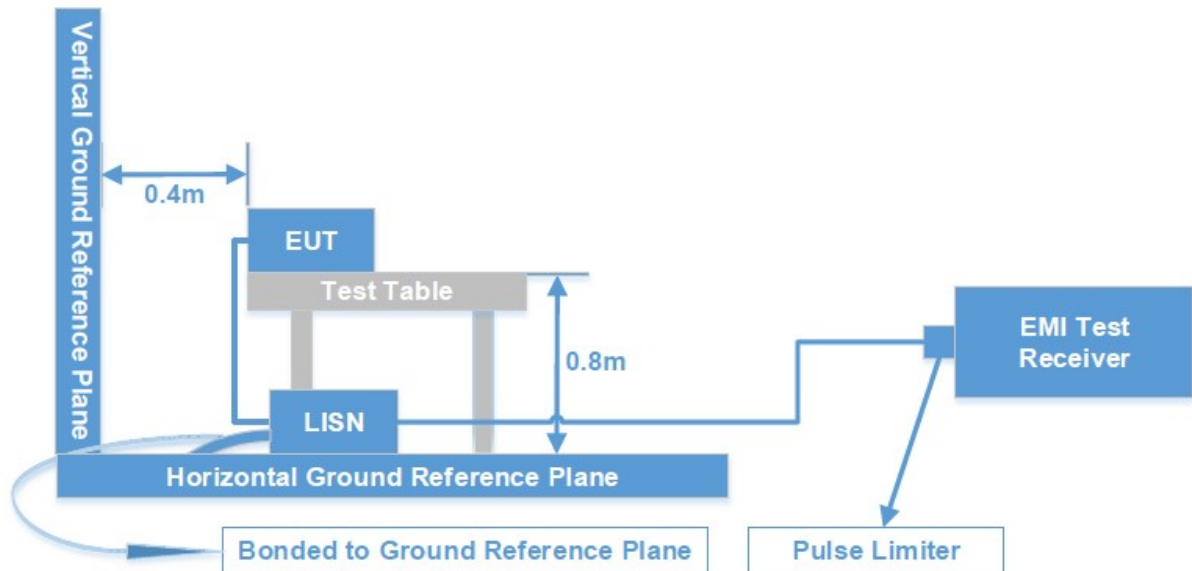
Result: Compliance

FCC §15.207 (a) – AC LINE CONDUCTED EMISSIONS

Applicable Standard

FCC §15.207(a)

Test System Setup



The measurement procedure of EUT setup is according with ANSI C63.10-2013. The related limit was specified in FCC Part 15.207.

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	RBW	VBW	Detector
150 kHz – 30 MHz	9 kHz	30 kHz	QP/AV

Test Procedure

ANSI C63.10-2013 clause 6.2

During the conducted emission test, the adapter was connected to the outlet of the LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

If the maximum peak value of the emissions is below the average limit, the QP value and average value measurement will not need to be performed and only record the maximum peak measured value to meet the requirements.

Level & Margin Calculation

The Level is calculated by adding LISN VDF (Voltage Division Factor), Cable Loss and Transient Limiter Attenuation from the Meter Reading. The basic equation is as follows:

$$\begin{aligned}\text{Factor (dB)} &= \text{LISN VDF (dB)} + \text{Cable Loss (dB)} + \text{Transient Limiter Attenuation (dB)} \\ \text{Level (dB}\mu\text{V)} &= \text{Reading (dB}\mu\text{V)} + \text{Factor (dB)}\end{aligned}$$

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

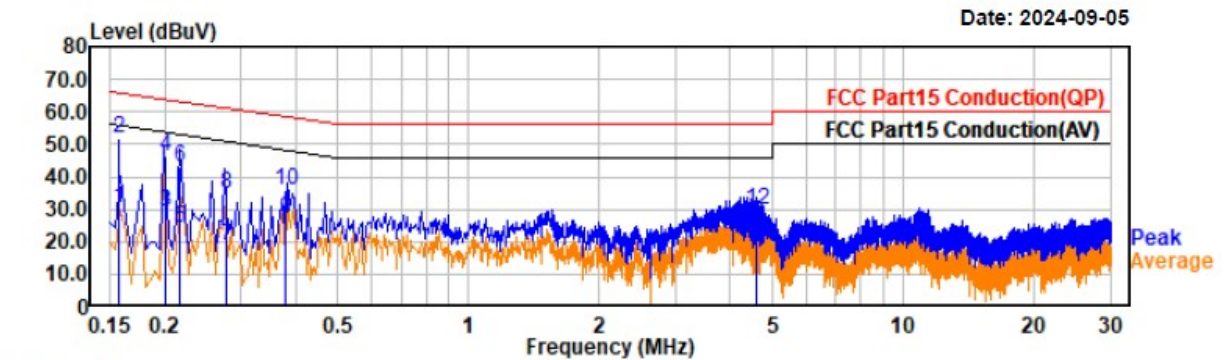
$$\text{Margin (dB)} = \text{Limit (dB}\mu\text{V)} - \text{Level (dB}\mu\text{V)}$$

Test Data

Temperature:	21.8°C
Relative Humidity:	56%
ATM Pressure:	100.1kPa
Test Date:	2024-09-05
Test Engineer:	Toby Chen

Project No.: 2407W89604E-RF
Test Mode: 5G Wi-Fi a 5180MHz Tx
EUT Model: SLM927

Temp/Humi/ATM: 21.8℃/56%/100.1kPa
Tested by: Toby Chen
Power Source: AC 120V/60Hz

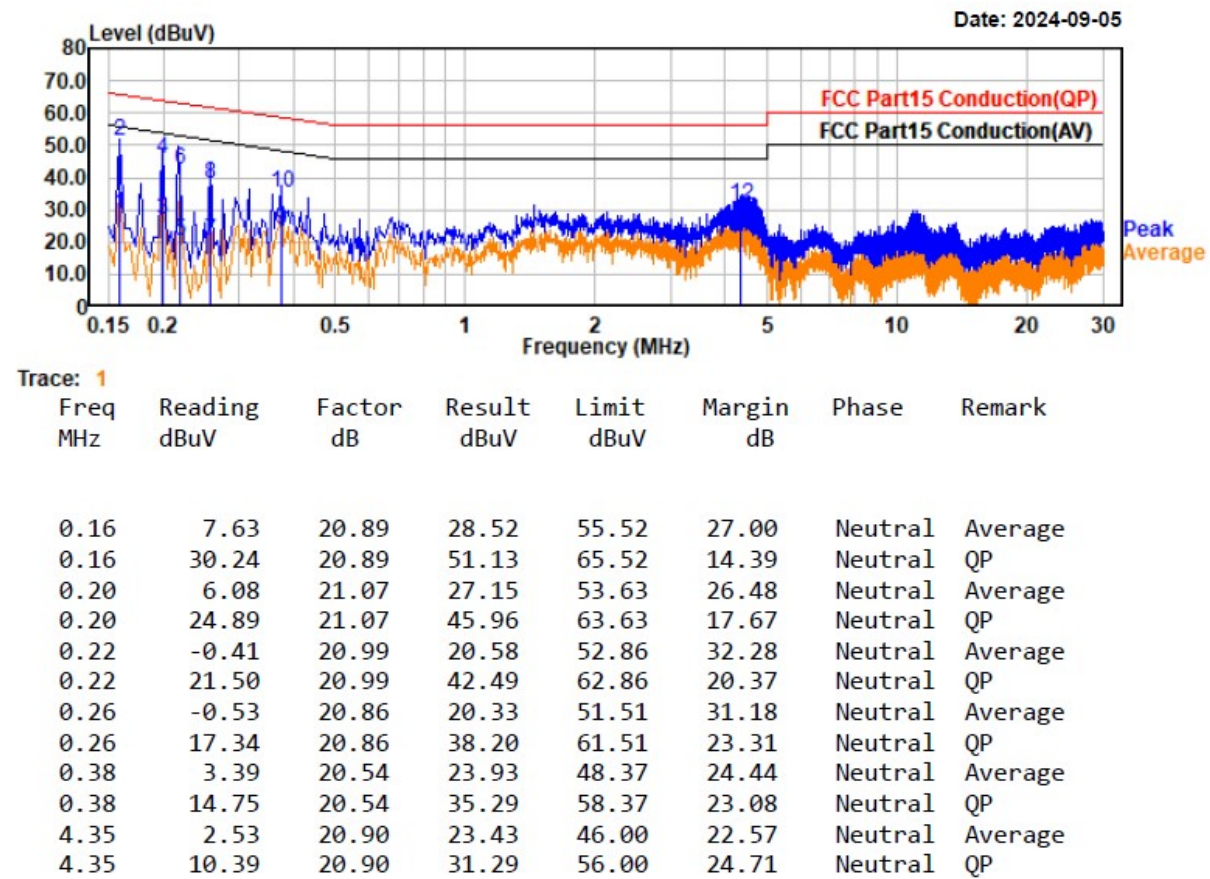


Trace: 1

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.16	9.16	21.07	30.23	55.60	25.37	Line	Average
0.16	30.86	21.07	51.93	65.60	13.67	Line	QP
0.20	8.17	21.27	29.44	53.58	24.14	Line	Average
0.20	24.90	21.27	46.17	63.58	17.41	Line	QP
0.22	2.98	21.18	24.16	52.93	28.77	Line	Average
0.22	21.94	21.18	43.12	62.93	19.81	Line	QP
0.28	-2.20	20.92	18.72	50.87	32.15	Line	Average
0.28	13.61	20.92	34.53	60.87	26.34	Line	QP
0.38	6.45	20.59	27.04	48.27	21.23	Line	Average
0.38	15.53	20.59	36.12	58.27	22.15	Line	QP
4.60	-0.68	20.90	20.22	46.00	25.78	Line	Average
4.60	8.74	20.90	29.64	56.00	26.36	Line	QP

Project No.: 2407W89604E-RF
Test Mode: 5G Wi-Fi a 5180MHz Tx
EUT Model: SLM927

Temp/Humi/ATM: 21.8°C/56%/100.1kPa
Tested by: Toby Chen
Power Source: AC 120V/60Hz



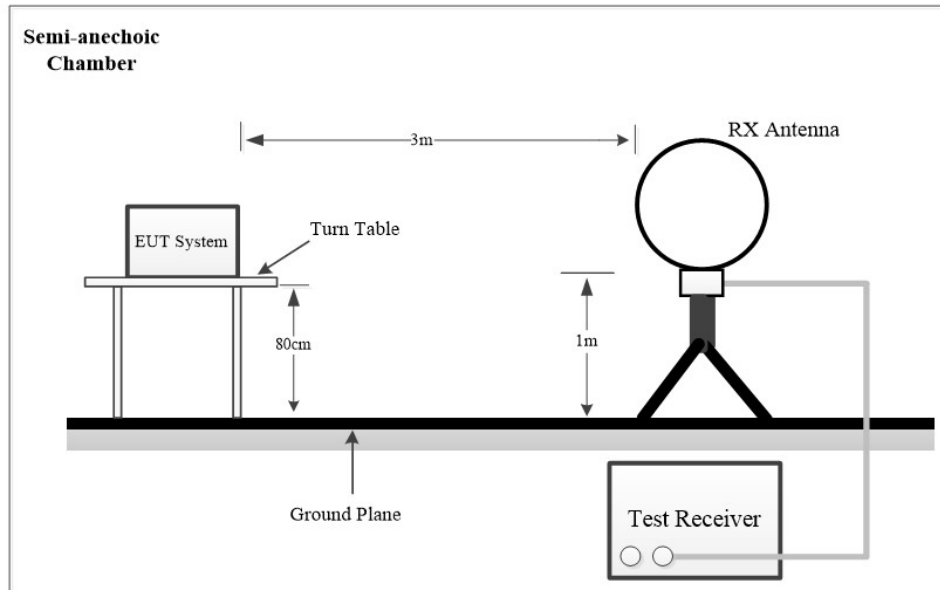
FCC §15.209, §15.205 & §15.407(b) - SPURIOUS EMISSIONS

Applicable Standard

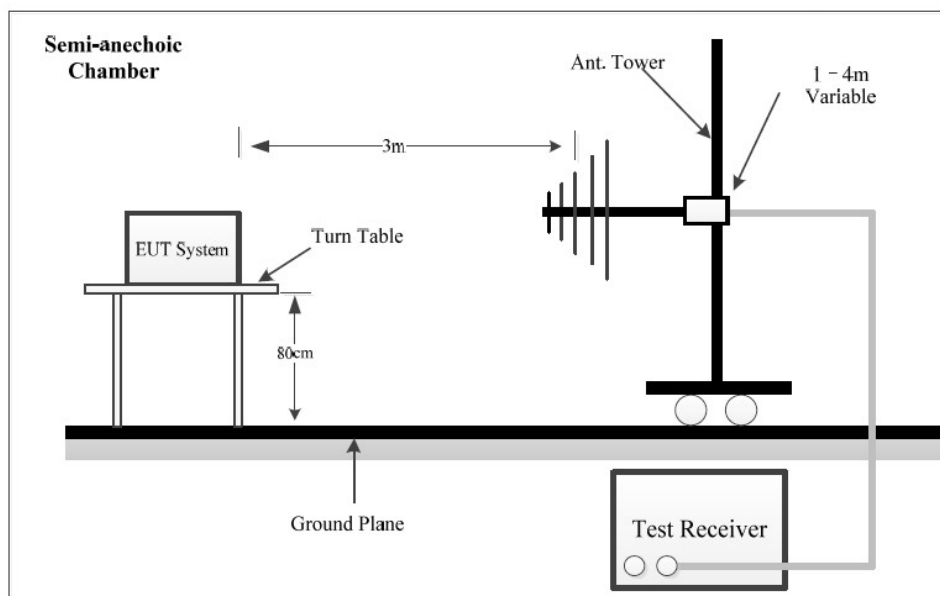
FCC §15.247 (d); §15.209; §15.205;

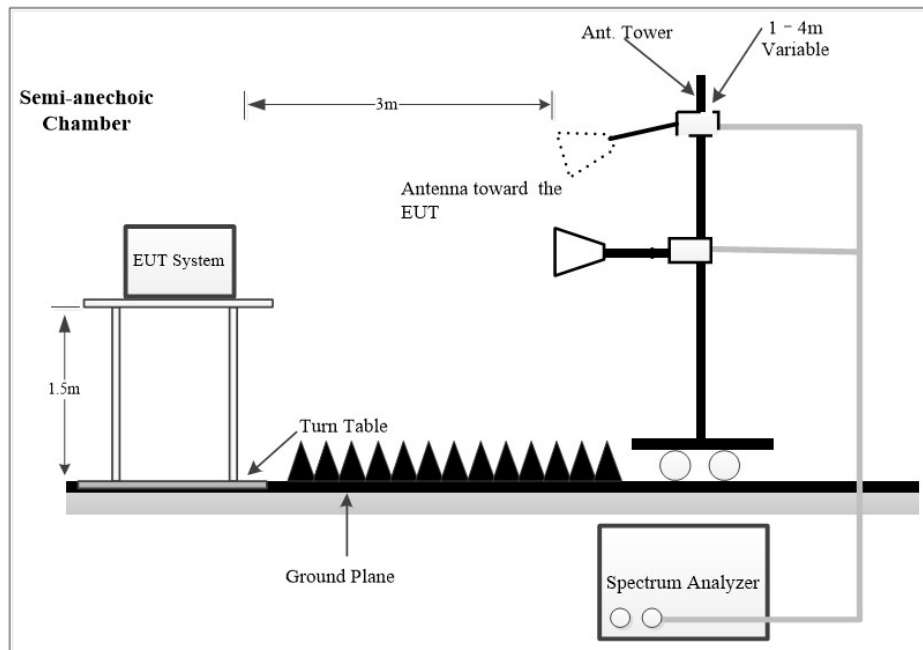
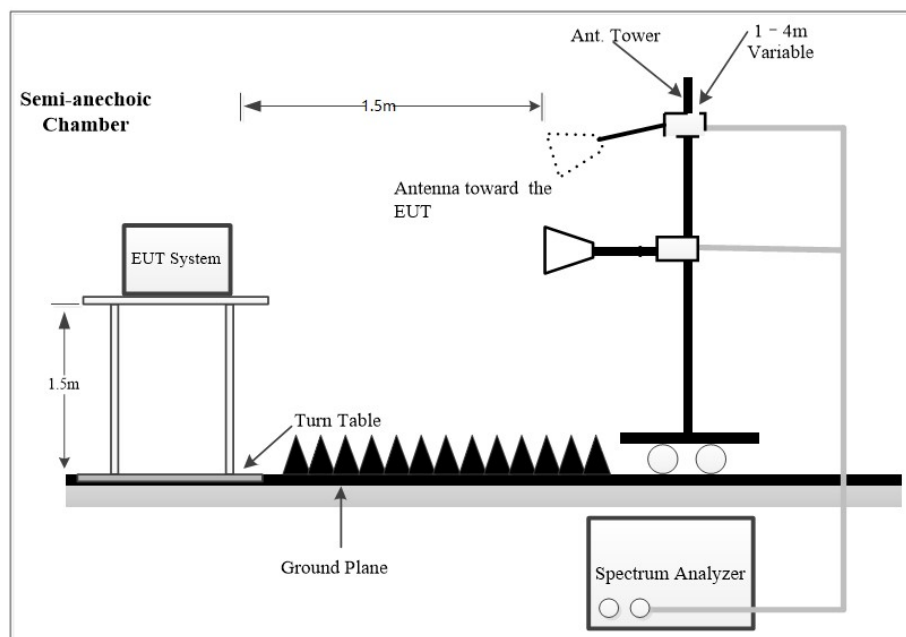
EUT Setup

9 kHz-30MHz:



30MHz -1 GHz:



1-18GHz:**18-40GHz:**

The radiated emission tests were performed in the 3 meters test site, using the setup accordance with the ANSI C63.10-2013. The specification used was the FCC 15.209, and FCC 15.407 limits.

Note: For Radiated test 18-40GHz, which was performed at 1.5 meters distance, according to C63.10, the test result shall be extrapolated to the specified distance using an extrapolation Factor of 20dB/decade from 3 meters to 1.5 meters.

Distance extrapolation Factor = $20 \log (\text{specific distance [3m]}/\text{test distance [1.5m]})$ dB = 6.0 dB.

EMI Test Receiver & Spectrum Analyzer Setup

The system was investigated from 9 kHz to 40 GHz.

During the radiated emission test, the EMI test receiver & Spectrum Analyzer Setup were set with the following configurations:

Below 1GHz:

Frequency Range	RBW	VBW	IF B/W	Measurement
9 kHz – 150 kHz	200Hz	1 kHz	/	PK
	/	/	200Hz	QP
150 kHz – 30 MHz	10 kHz	30 kHz	/	PK
	/	/	9kHz	QP
30 MHz – 1000 MHz	100 kHz	300 kHz	/	PK
	/	/	120kHz	QP

Above 1GHz:

Duty Cycle	RBW	VBW	Measurement
Any	1MHz	3MHz	PK
>98%	1MHz	10Hz	AV
<98%	1MHz	$\geq 1/T$	AV

Test Procedure

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

Data was recorded in Quasi-peak detection mode for frequency range of 30 MHz-1 GHz, peak and Average detection modes for frequencies above 1 GHz.

For each measurement antenna alignment, the EUT shall be rotated through 0° to 360° on a turntable. The report shall list the six emissions with the smallest margin relative to the limit, for each of the three antenna orientations (parallel, perpendicular, and ground parallel) unless the margin is greater than 20 dB, then the following statement shall be made: “all emissions were greater than 20 dB below the limit.”

Level & Margin Calculation

The Level is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain from the Meter Reading. The basic equation is as follows:

Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - Amplifier Gain (dB)

Level (dBμV/m) = Reading (dBμV) + Factor (dB/m)

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

$$\text{Margin (dB)} = \text{Limit (dB}\mu\text{V/m)} - \text{Level (dB}\mu\text{V/m)}$$

Test Data

Please refer to the below table and plots.

After pre-scan in the X, Y and Z axes of orientation, the worst case is below:

Frequency Range:	Below 1 GHz	Above 1 GHz
Temperature:	21.3°C	21.3°C~23.9°C
Relative Humidity:	51 %	51 %~60%
ATM Pressure:	101.1kPa	100.1kPa~101.1kPa
Test Date:	2024-08-10	2024-07-22~2024-09-21
Test Engineer:	Wlif Wu	Wlif Wu

1) 9 kHz~30MHz

EUT operation mode: Transmitting in 5G Wi-Fi Band 4 802.11a low channel (worst case)

Pre-scan in parallel, ground-parallel and perpendicular of orientation of loop antenna, the amplitude of spurious emissions attenuated is more than 20 dB below the permissible value, which is not required to be report.

2) 30 MHz-1GHz (worst case)

Project No.: 2407W89604E-RF

Test Mode: 802.11a 5180MHz

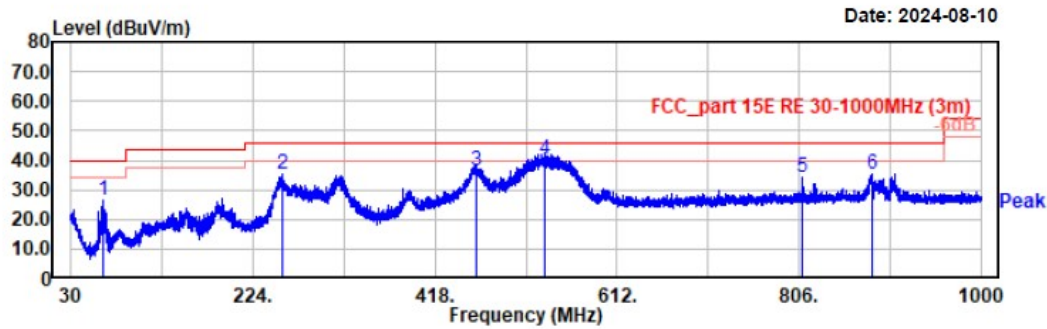
EUT Model: SLM927

Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/101.1kPa

Tested by: Wlif Wu

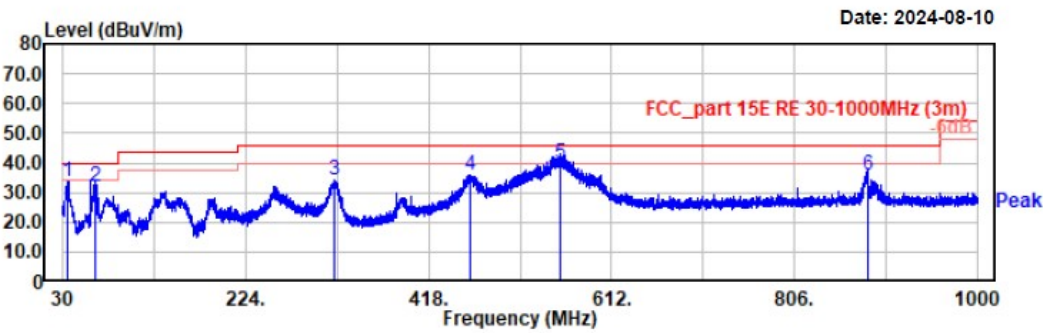
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
64.34	43.85	-17.32	26.53	40.00	13.47	Horizontal	Peak
254.85	46.76	-11.38	35.38	46.00	10.62	Horizontal	Peak
461.65	40.99	-4.55	36.44	46.00	9.56	Horizontal	QP
535.76	43.62	-3.10	40.52	46.00	5.48	Horizontal	QP
810.07	32.57	1.39	33.96	46.00	12.04	Horizontal	Peak
883.41	33.11	2.37	35.48	46.00	10.52	Horizontal	Peak

Project No.: 2407W89604E-RF
Test Mode: 802.11a 5180MHz
EUT Model: SLM927
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/101.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

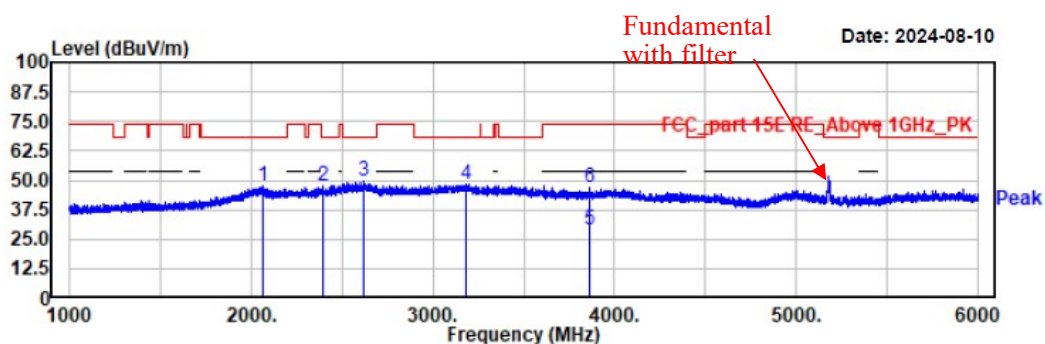


Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
35.43	41.84	-8.34	33.50	40.00	6.50	Vertical	QP
64.63	49.48	-17.29	32.19	40.00	7.81	Vertical	QP
318.09	43.12	-8.82	34.30	46.00	11.70	Vertical	Peak
461.84	40.54	-4.54	36.00	46.00	10.00	Vertical	Peak
557.20	42.25	-2.62	39.63	46.00	6.37	Vertical	QP
883.31	33.61	2.37	35.98	46.00	10.02	Vertical	QP

3) 1GHz~6GHz**B1**

Project No.: 2407W89604E-RF
Test Mode: 802.11a 5180MHz
EUT Model: SLM927
Test distance: 3m

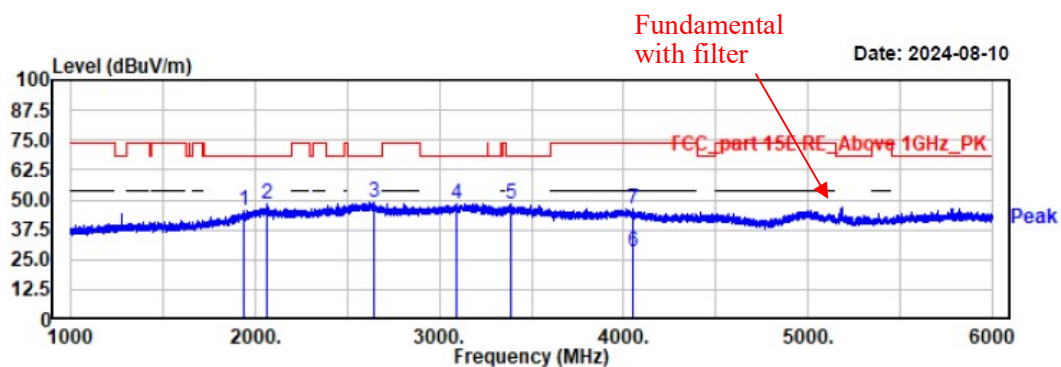
Temp/Humi/ATM: 21.3°C/51%/101.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2064.50	43.69	3.78	47.47	68.20	20.73	horizontal	Peak
2394.00	43.53	4.34	47.87	68.20	20.33	horizontal	Peak
2615.50	43.27	6.16	49.43	68.20	18.77	horizontal	Peak
3178.50	42.30	6.19	48.49	68.20	19.71	horizontal	Peak
3860.50	24.44	4.66	29.10	54.00	24.90	horizontal	Average
3860.50	42.41	4.66	47.07	74.00	26.93	horizontal	Peak

Project No.: 2407W89604E-RF
Test Mode: 802.11a 5180MHz
EUT Model: SLM927
Test distance: 3m

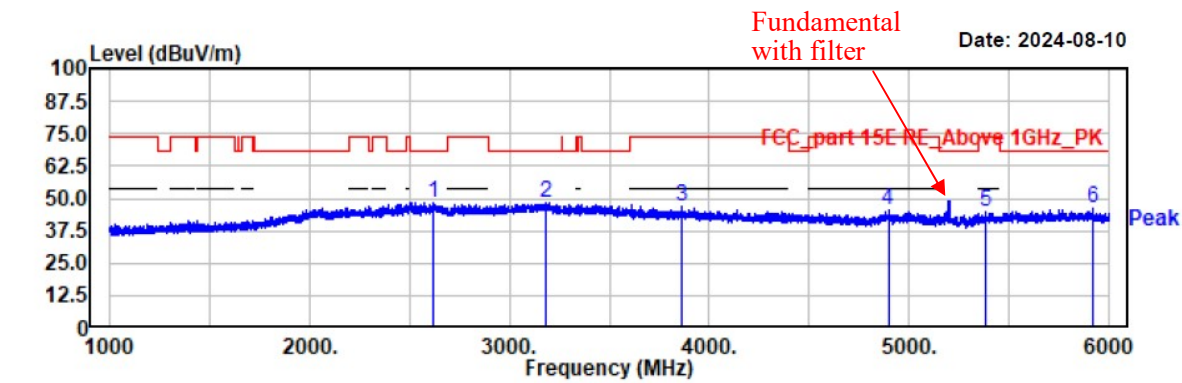
Temp/Humi/ATM: 21.3°C/51%/101.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1942.00	44.01	1.73	45.74	68.20	22.46	vertical	Peak
2066.50	44.45	3.75	48.20	68.20	20.00	vertical	Peak
2649.00	42.74	6.09	48.83	68.20	19.37	vertical	Peak
3092.00	42.23	6.01	48.24	68.20	19.96	vertical	Peak
3392.00	43.11	5.46	48.57	68.20	19.63	vertical	Peak
4054.50	23.78	4.75	28.53	54.00	25.47	vertical	Average
4054.50	41.60	4.75	46.35	74.00	27.65	vertical	Peak

Project No.: 2407W89604E-RF
Test Mode: 802.11a 5200MHz
EUT Model: SLM927
Test distance: 3m

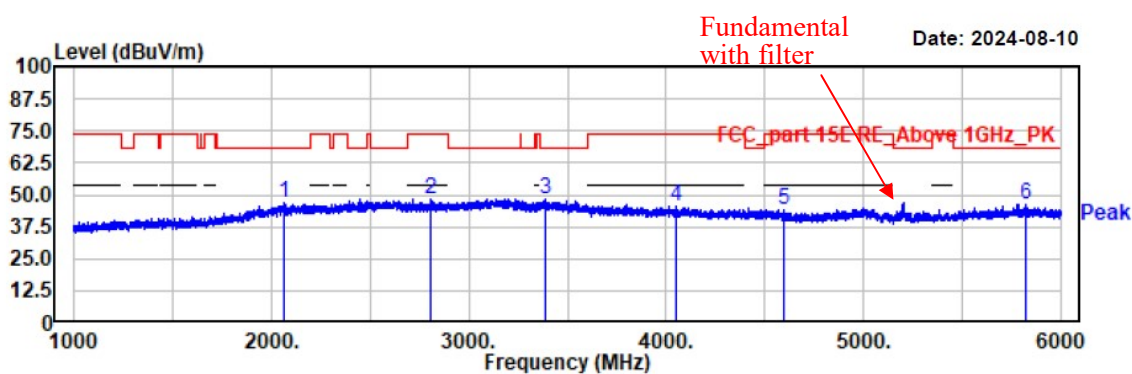
Temp/Humi/ATM: 21.3°C/51%/101.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2615.50	42.27	6.16	48.43	68.20	19.77	horizontal	Peak
3178.50	42.30	6.19	48.49	68.20	19.71	horizontal	Peak
3860.50	42.41	4.66	47.07	74.00	26.93	horizontal	Peak
4896.50	41.83	3.40	45.23	74.00	28.77	horizontal	Peak
5384.00	41.41	3.48	44.89	74.00	29.11	horizontal	Peak
5921.00	40.99	5.01	46.00	68.20	22.20	horizontal	Peak

Project No.: 2407W89604E-RF
Test Mode: 802.11a 5200MHz
EUT Model: SLM927
Test distance: 3m

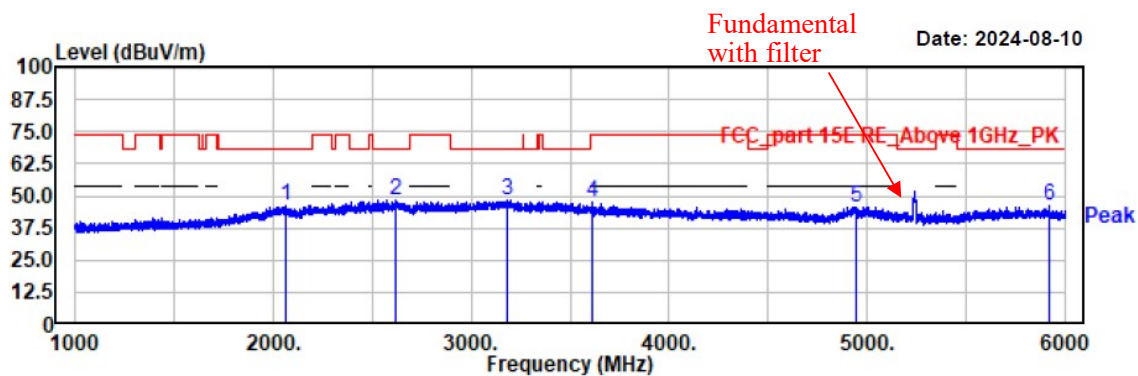
Temp/Humi/ATM: 21.3°C/51%/101.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2066.50	43.45	3.75	47.20	68.20	21.00	vertical	Peak
2808.00	43.71	4.66	48.37	74.00	25.63	vertical	Peak
3392.00	43.11	5.46	48.57	68.20	19.63	vertical	Peak
4054.50	40.60	4.75	45.35	74.00	28.65	vertical	Peak
4592.50	41.40	2.81	44.21	74.00	29.79	vertical	Peak
5818.50	41.08	5.27	46.35	68.20	21.85	vertical	Peak

Project No.: 2407W89604E-RF
Test Mode: 802.11a 5240MHz
EUT Model: SLM927
Test distance: 3m

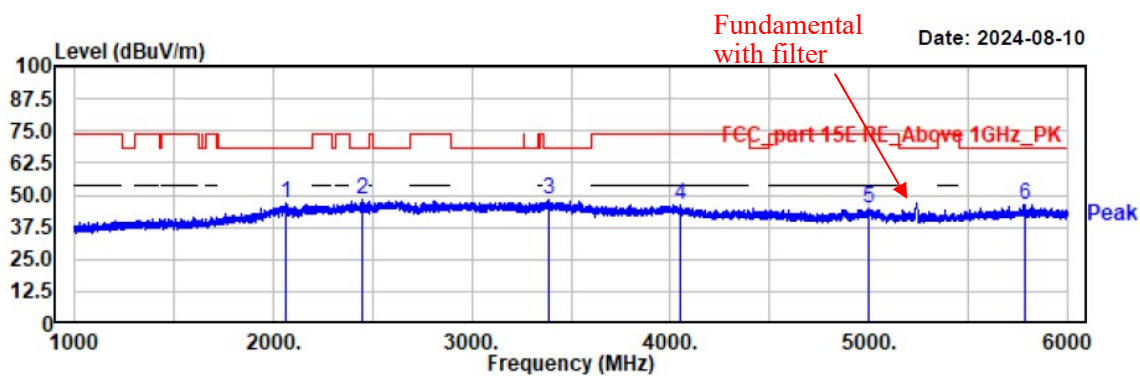
Temp/Humi/ATM: 21.3°C/51%/101.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2064.50	42.69	3.78	46.47	68.20	21.73	horizontal	Peak
2615.50	42.27	6.16	48.43	68.20	19.77	horizontal	Peak
3178.50	42.30	6.19	48.49	68.20	19.71	horizontal	Peak
3608.50	42.86	4.56	47.42	74.00	26.58	horizontal	Peak
4944.50	41.97	3.75	45.72	74.00	28.28	horizontal	Peak
5921.00	40.99	5.01	46.00	68.20	22.20	horizontal	Peak

Project No.: 2407W89604E-RF
Test Mode: 802.11a 5240MHz
EUT Model: SLM927
Test distance: 3m

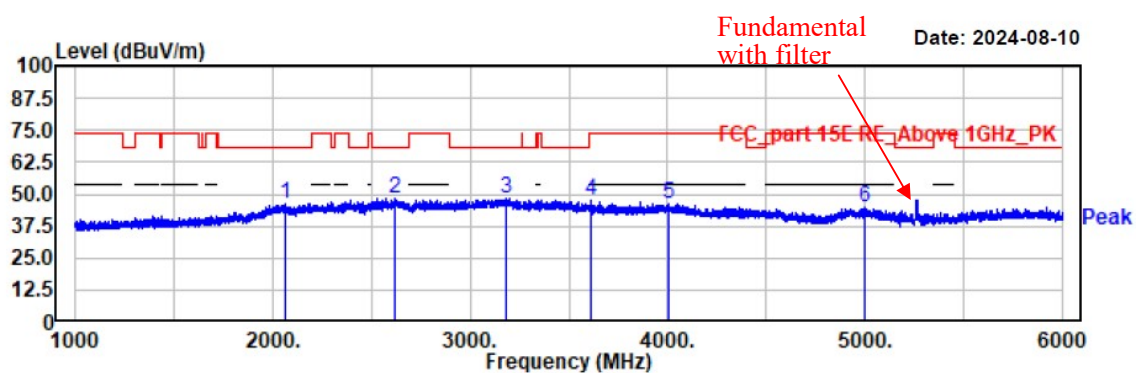
Temp/Humi/ATM: 21.3°C/51%/101.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



B2

Project No.: 2407W89604E-RF
Test Mode: 802.11a 5260MHz
EUT Model: SLM927
Test distance: 3m

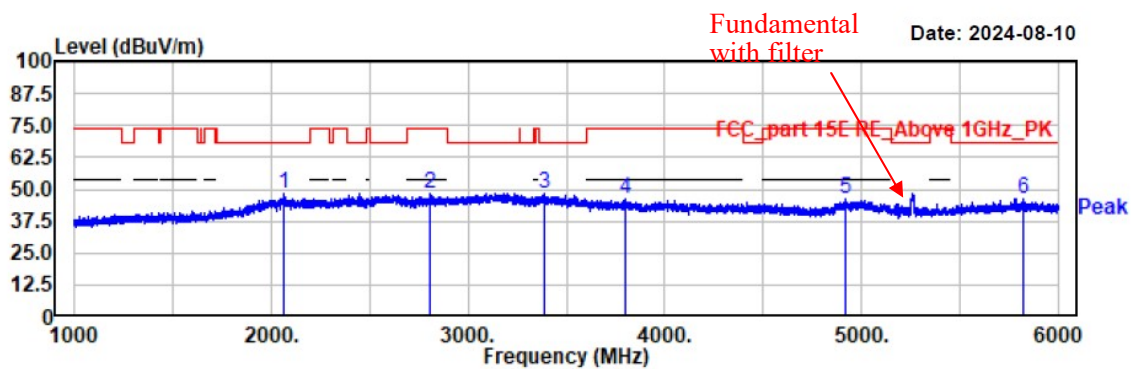
Temp/Humi/ATM: 21.3°C/51%/101.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2064.50	42.69	3.78	46.47	68.20	21.73	horizontal	Peak
2615.50	42.27	6.16	48.43	68.20	19.77	horizontal	Peak
3178.50	42.30	6.19	48.49	68.20	19.71	horizontal	Peak
3608.50	42.86	4.56	47.42	74.00	26.58	horizontal	Peak
4007.50	41.34	4.64	45.98	74.00	28.02	horizontal	Peak
5000.00	40.59	3.97	44.56	74.00	29.44	horizontal	Peak

Project No.: 2407W89604E-RF
Test Mode: 802.11a 5260MHz
EUT Model: SLM927
Test distance: 3m

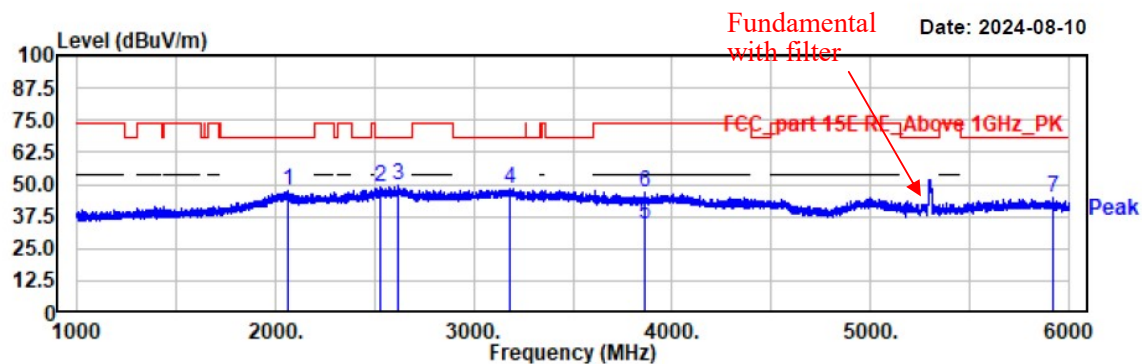
Temp/Humi/ATM: 21.3°C/51%/101.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2066.50	44.45	3.75	48.20	68.20	20.00	vertical	Peak
2808.00	43.71	4.66	48.37	74.00	25.63	vertical	Peak
3392.00	43.11	5.46	48.57	68.20	19.63	vertical	Peak
3803.50	41.03	4.97	46.00	74.00	28.00	vertical	Peak
4920.50	42.30	3.60	45.90	74.00	28.10	vertical	Peak
5818.50	41.08	5.27	46.35	68.20	21.85	vertical	Peak

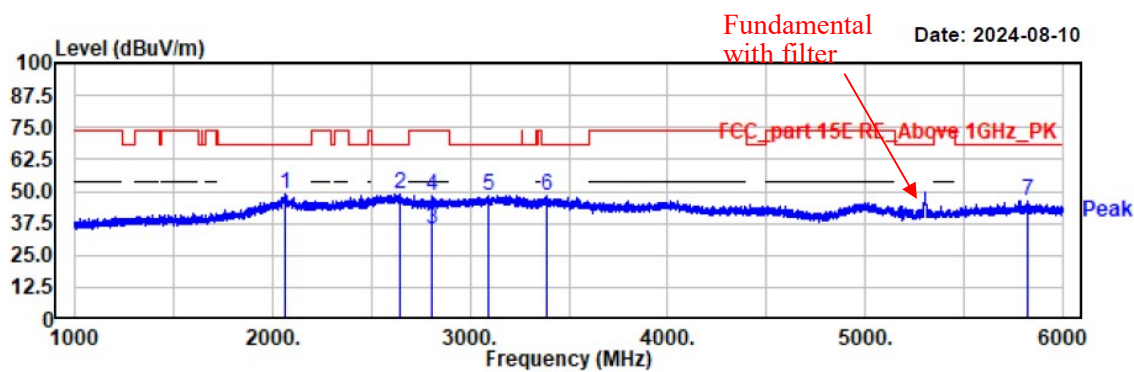
Project No.: 2407W89604E-RF
Test Mode: 802.11a 5300MHz
EUT Model: SLM927
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/101.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Project No.: 2407W89604E-RF
Test Mode: 802.11a 5300MHz
EUT Model: SLM927
Test distance: 3m

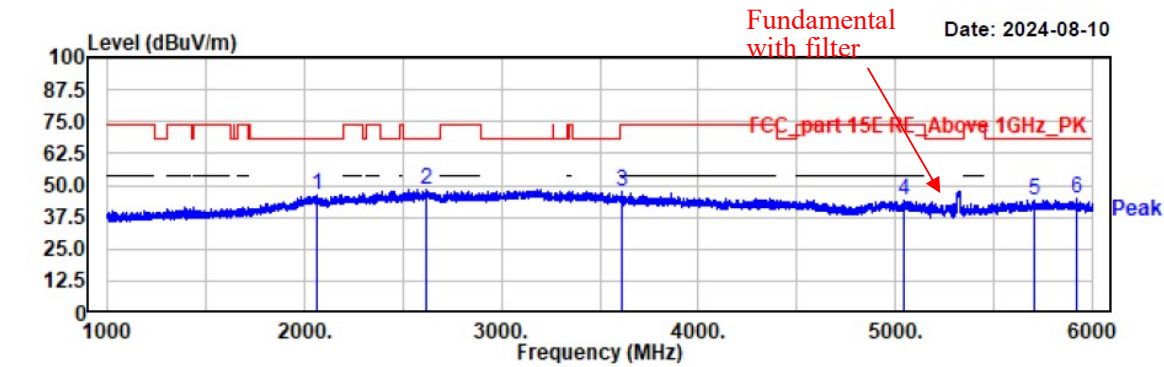
Temp/Humi/ATM: 21.3°C/51%/101.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2066.50	45.45	3.75	49.20	68.20	19.00	vertical	Peak
2649.00	42.74	6.09	48.83	68.20	19.37	vertical	Peak
2808.00	30.17	4.66	34.83	74.00	39.17	vertical	Average
2808.00	43.71	4.66	48.37	74.00	25.63	vertical	Peak
3092.00	42.23	6.01	48.24	68.20	19.96	vertical	Peak
3392.00	43.11	5.46	48.57	68.20	19.63	vertical	Peak
5818.50	41.08	5.27	46.35	68.20	21.85	vertical	Peak

Project No.: 2407W89604E-RF
Test Mode: 802.11a 5320MHz
EUT Model: SLM927
Test distance: 3m

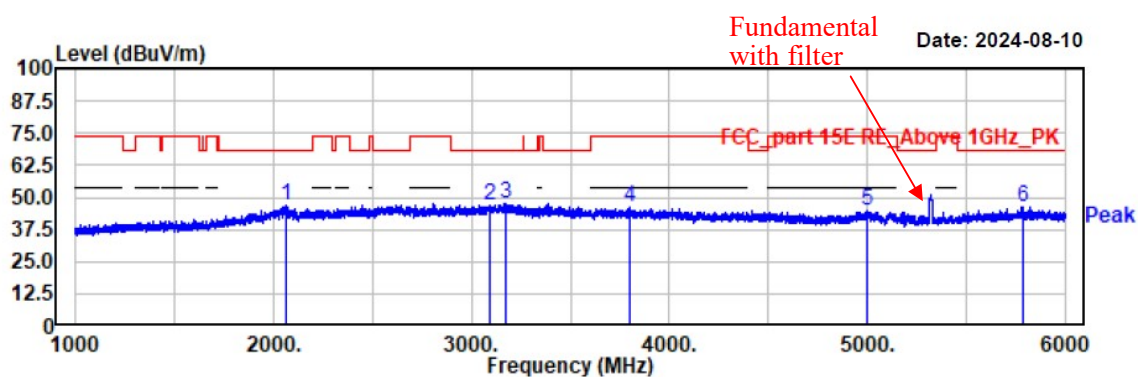
Temp/Humi/ATM: 21.3°C/51%/101.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2064.50	42.69	3.78	46.47	68.20	21.73	horizontal	Peak
2615.50	42.27	6.16	48.43	68.20	19.77	horizontal	Peak
3608.50	42.86	4.56	47.42	74.00	26.58	horizontal	Peak
5041.00	40.37	3.94	44.31	74.00	29.69	horizontal	Peak
5707.50	39.58	4.71	44.29	68.20	23.91	horizontal	Peak
5921.00	39.99	5.01	45.00	68.20	23.20	horizontal	Peak

Project No.: 2407W89604E-RF
Test Mode: 802.11a 5320MHz
EUT Model: SLM927
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/101.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz

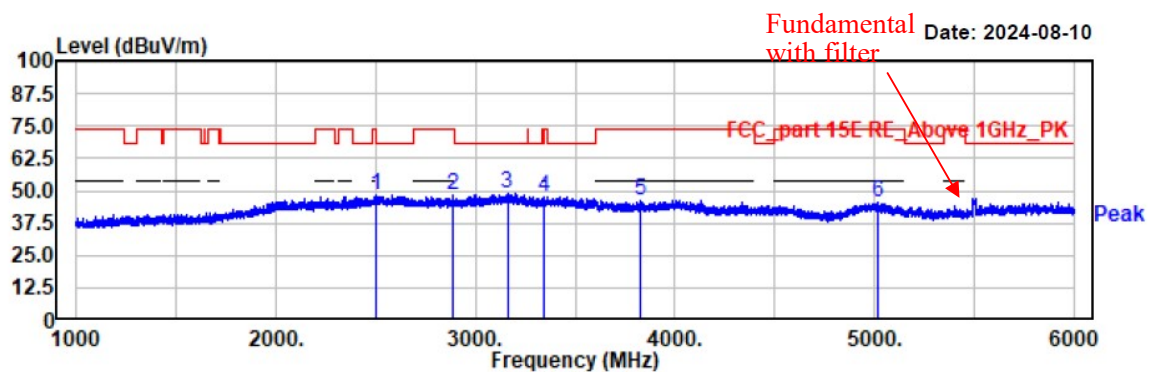


Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2066.50	43.45	3.75	47.20	68.20	21.00	vertical	Peak
3092.00	41.23	6.01	47.24	68.20	20.96	vertical	Peak
3170.50	41.32	6.19	47.51	68.20	20.69	vertical	Peak
3803.50	41.03	4.97	46.00	74.00	28.00	vertical	Peak
5001.50	40.51	3.97	44.48	74.00	29.52	vertical	Peak
5786.00	40.62	5.29	45.91	68.20	22.29	vertical	Peak

B3

Project No.: 2407W89604E-RF
Test Mode: 802.11ac 5500MHz
EUT Model: SLM927
Test distance: 3m

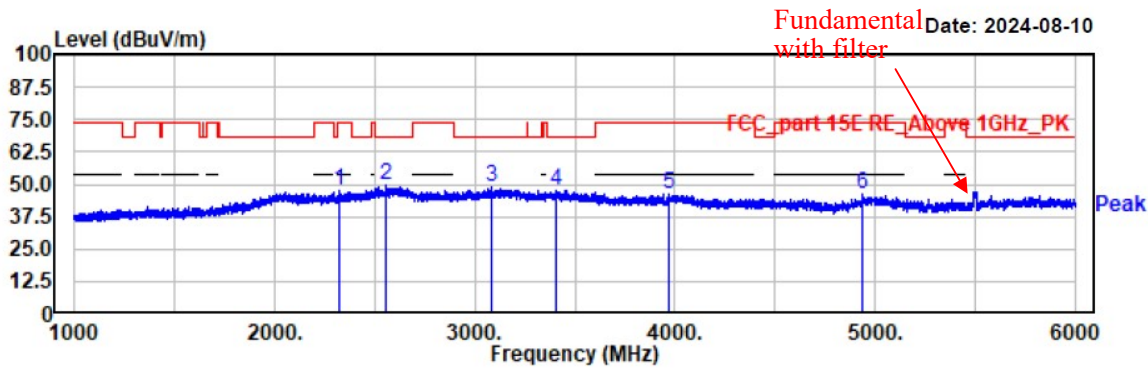
Temp/Humi/ATM: 21.3°C/51%/101.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2501.00	42.62	5.34	47.96	68.20	20.24	horizontal	Peak
2887.00	43.40	4.78	48.18	74.00	25.82	horizontal	Peak
3160.00	42.63	6.18	48.81	68.20	19.39	horizontal	Peak
3339.50	42.47	5.22	47.69	68.20	20.51	horizontal	Peak
3831.00	41.66	4.79	46.45	74.00	27.55	horizontal	Peak
5019.00	41.57	3.96	45.53	74.00	28.47	horizontal	Peak

Project No.: 2407W89604E-RF
Test Mode: 802.11ac 5500MHz
EUT Model: SLM927
Test distance: 3m

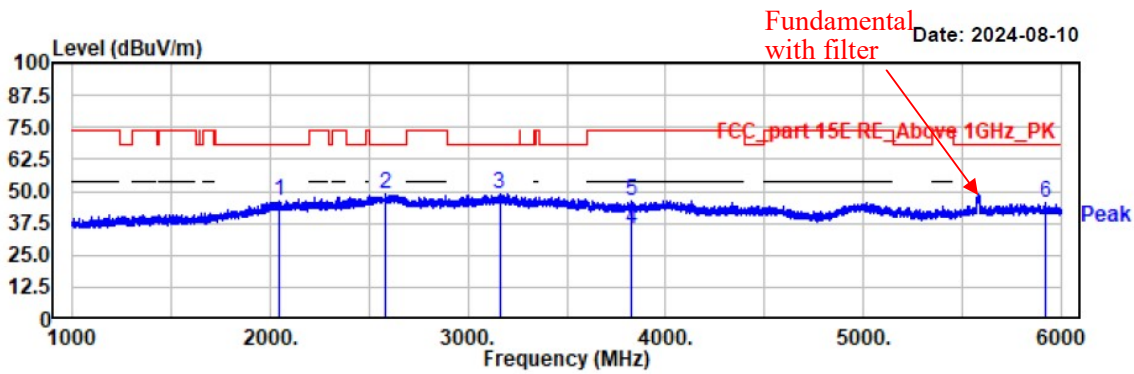
Temp/Humi/ATM: 21.3°C/51%/101.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2324.00	43.69	3.59	47.28	74.00	26.72	vertical	Peak
2559.50	43.50	6.05	49.55	68.20	18.65	vertical	Peak
3081.50	43.08	5.90	48.98	68.20	19.22	vertical	Peak
3405.00	42.38	5.47	47.85	68.20	20.35	vertical	Peak
3970.00	41.64	4.69	46.33	74.00	27.67	vertical	Peak
4940.50	42.30	3.72	46.02	74.00	27.98	vertical	Peak

Project No.: 2407W89604E-RF
Test Mode: 802.11ac 5580MHz
EUT Model: SLM927
Test distance: 3m

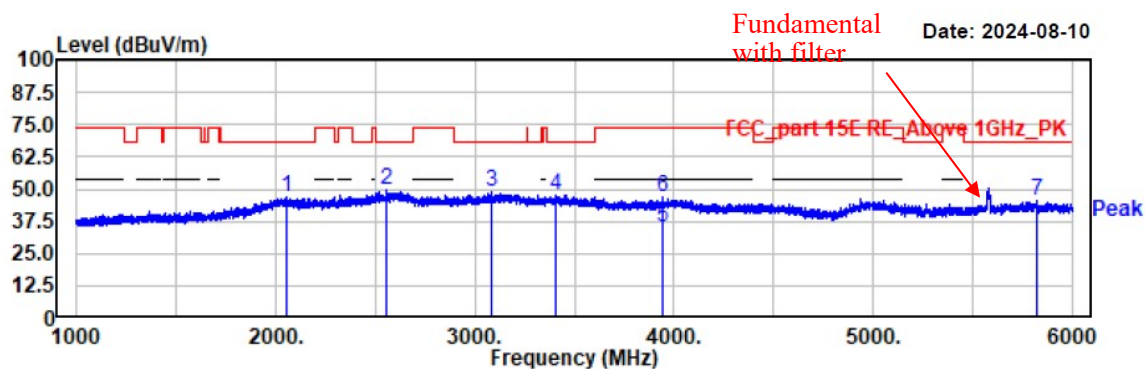
Temp/Humi/ATM: 21.3°C/51%/101.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2047.00	42.06	4.01	46.07	68.20	22.13	horizontal	Peak
2581.50	42.83	6.13	48.96	68.20	19.24	horizontal	Peak
3160.00	42.63	6.18	48.81	68.20	19.39	horizontal	Peak
3831.00	30.16	4.79	34.95	74.00	39.05	horizontal	Average
3831.00	41.66	4.79	46.45	74.00	27.55	horizontal	Peak
5919.00	40.25	5.05	45.30	68.20	22.90	horizontal	Peak

Project No.: 2407W89604E-RF
Test Mode: 802.11ac 5580MHz
EUT Model: SLM927
Test distance: 3m

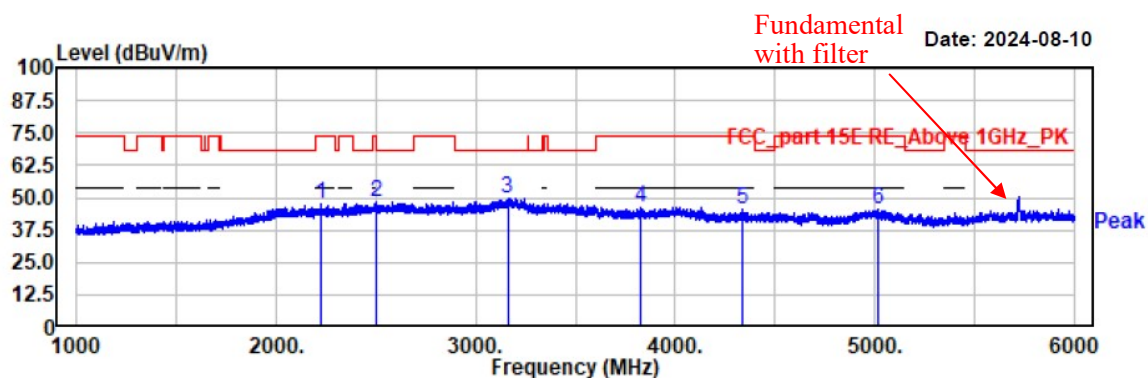
Temp/Humi/ATM: 21.3°C/51%/101.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2054.50	42.89	3.96	46.85	68.20	21.35	vertical	Peak
2559.50	43.50	6.05	49.55	68.20	18.65	vertical	Peak
3081.50	43.08	5.90	48.98	68.20	19.22	vertical	Peak
3405.00	42.38	5.47	47.85	68.20	20.35	vertical	Peak
3947.00	30.25	4.73	34.98	74.00	39.02	vertical	Average
3947.00	42.34	4.73	47.07	74.00	26.93	vertical	Peak
5822.50	40.10	5.23	45.33	68.20	22.87	vertical	Peak

Project No.: 2407W89604E-RF
Test Mode: 802.11ac 5720MHz
EUT Model: SLM927
Test distance: 3m

Temp/Humi/ATM: 21.3°C/51%/101.1kPa
Tested by: Wlif Wu
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2227.00	43.80	3.48	47.28	74.00	26.72	horizontal	Peak
2501.00	42.62	5.34	47.96	68.20	20.24	horizontal	Peak
3160.00	43.63	6.18	49.81	68.20	18.39	horizontal	Peak
3831.00	41.66	4.79	46.45	74.00	27.55	horizontal	Peak
4337.00	41.60	4.10	45.70	74.00	28.30	horizontal	Peak
5019.00	41.57	3.96	45.53	74.00	28.47	horizontal	Peak