



## 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-SNM927WF4MG**

<b>Report Type:</b> Class II Permissive Change Report	<b>Product Name:</b> Smart Module
<b>Report Number:</b> 2407W89602E-RF-03	
<b>Report Date:</b> 2024-09-20	
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## REPORT REVISION HISTORY

Number of Revisions	Report No.	Version	Issue Date	Description
0	2407W89602E-RF-03	R1V1	2024-09-20	Class II Permission Change

## GENERAL INFORMATION

### Product Description for Equipment under Test (EUT)

Product Name:	Smart Module
Tested Model:	SNM927
★Power Supply:	DC 3.8 V
Maximum Conducted Output Power:	14.50 dBm in 5150-5250 MHz Band; 15.30 dBm in 5250-5350 MHz Band; 15.75 dBm in 5470-5725 MHz Band; 15.69 dBm in 5725-5850 MHz Band
Frequency Range:	<b>Band1:</b> 5180-5240 MHz (802.11a/n ht20/ac vht20) 5190-5230 MHz(802.11n ht40/ac vht40) 5210 MHz(802.11ac vht80) <b>Band2:</b> 5260-5320 MHz (802.11a/n ht20/ac vht20) 5270-5310 MHz(802.11n ht40/ac vht40) 5290 MHz(802.11ac vht80) <b>Band3:</b> 5500-5720 MHz (802.11a/n ht20/ac vht20) 5510-5710 MHz(802.11n ht40/ac vht40) 5530-5690MHz(802.11ac vht80) <b>Band4:</b> 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

*Note:*

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-1 (Assigned by the BACL(Xiamen). The EUT supplied by the applicant was received on 2024-08-09)

### 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	$U_{lab}$
Radiated Emission	9kHz-30MHz
	30MHz~1GHz
	1GHz~6GHz
	6GHz-18GHz
	18GHz~26.5GHz
	26.5 GHz~40GHz
Transmitter Conducted Power(Conducted RF power)	0.624 dB
Temperature	1°C
Humidity	5%
Supply voltages	0.4%

*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).	
<b>Test mode:</b>	Test mode 1: Transmitting
<b>Test voltage:</b>	Test mode 1: AC120V/60Hz
<b>Remark:</b>	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	<b>5180</b>	52	<b>5260</b>	100	<b>5500</b>	149	<b>5745</b>
40	<b>5200</b>	56	<b>5280</b>	104	5520	153	5765
44	5220	60	5300	108	5540	157	<b>5785</b>
48	<b>5240</b>	64	<b>5320</b>	112	5560	161	5805
/	/	/	/	116	<b>5580</b>	165	<b>5825</b>
/	/	/	/	120	5600	/	/
/	/	/	/	124	5620	/	/
/	/	/	/	128	5640	/	/
/	/	/	/	132	5660	/	/
/	/	/	/	136	5680	/	/
/	/	/	/	140	<b>5700</b>	/	/
/	/	/	/	144	<b>5720</b> <sup>Note</sup>	/	/

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	<b>5190</b>	54	<b>5270</b>	102	<b>5510</b>	151	<b>5755</b>
46	<b>5230</b>	62	<b>5310</b>	110	<b>5550</b>	159	<b>5795</b>
	/	/	/	118	5590		
	/	/	/	126	5630		
/	/	/	/	134	<b>5670</b>	/	/
/	/	/	/	142	<b>5710</b> <sup>Note</sup>	/	/

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	<b>5210</b>	58	<b>5290</b>	106	<b>5530</b>	155	<b>5775</b>
/	/	/	/	122	<b>5610</b>	/	/
/	/	/	/	138	<b>5690</b> <sup>Note</sup>	/	/

Note: Additional channels cross the band 5470-5725MHz and 5725-5850 MHz, Conducted output power/ Power Spectral Density/bandwidth 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		
<b>5150-5250 MHz Band:</b>				
Test Modes	Test Channels	Test Frequency	Data rate	Power Level Setting
802.11a	36	5180	6Mbps	<b>14</b>
	44	5220	6Mbps	<b>14</b>
	48	5240	6Mbps	<b>14</b>
802.11n20	36	5180	MCS0	<b>14</b>
	44	5220	MCS0	<b>14</b>
	48	5240	MCS0	<b>14</b>
802.11n40	38	5190	MCS0	<b>13</b>
	46	5230	MCS0	<b>13</b>
802.11ac20	36	5180	MCS0	<b>14</b>
	44	5220	MCS0	<b>14</b>
	48	5240	MCS0	<b>14</b>
802.11ac40	38	5190	MCS0	<b>14</b>
	46	5230	MCS0	<b>14</b>
802.11ac80	42	5210	MCS0	<b>12</b>
<b>5250-5350 MHz Band:</b>				
Test Modes	Test Channels	Test Frequency	Data rate	Power Level Setting
5802.11a	52	5260	6Mbps	<b>15</b>
	60	5300	6Mbps	<b>15</b>
	64	5320	6Mbps	<b>15</b>
802.11n20	52	5260	MCS0	<b>14</b>
	60	5300	MCS0	<b>14</b>

	64	5320	MCS0	<b>14</b>
802.11n40	54	5270	MCS0	<b>13</b>
	62	5310	MCS0	<b>13</b>
802.11ac20	52	5260	MCS0	<b>15</b>
	60	5300	MCS0	<b>15</b>
	64	5320	MCS0	<b>15</b>
802.11ac40	54	5270	MCS0	<b>14</b>
	62	5310	MCS0	<b>14</b>
802.11ac80	58	5290	MCS0	<b>12</b>

**5470-5725 MHz Band:**

Test Modes	Test Channels	Test Frequency	Data rate	Power Level Setting
802.11a	100	5500	6Mbps	<b>15</b>
	116	5580	6Mbps	<b>15</b>
	140	5700	6Mbps	<b>15</b>
	144	5720	6Mbps	<b>15</b>
802.11n20	100	5500	MCS0	<b>14</b>
	116	5580	MCS0	<b>14</b>
	140	5700	MCS0	<b>14</b>
	144	5720	MCS0	<b>14</b>
802.11n40	102	5510	MCS0	<b>13</b>
	110	5550	MCS0	<b>13</b>
	134	5670	MCS0	<b>13</b>
	142	5710	MCS0	<b>13</b>
802.11ac20	100	5500	MCS0	<b>15</b>
	116	5580	MCS0	<b>15</b>
	140	5700	MCS0	<b>15</b>
	144	5720	MCS0	<b>15</b>
802.11ac40	102	5510	MCS0	<b>14</b>
	110	5550	MCS0	<b>14</b>
	134	5670	MCS0	<b>14</b>
	142	5710	MCS0	<b>14</b>
802.11ac80	106	5530	MCS0	<b>12</b>
	122	5610	MCS0	<b>12</b>
	138	5690	MCS0	<b>12</b>

**5725-5850 MHz Band:**

Test Modes	Test Channels	Test Frequency	Data rate	Power Level Setting
802.11a	149	5745	6Mbps	<b>15</b>
	157	5785	6Mbps	<b>15</b>
	165	5825	6Mbps	<b>15</b>
802.11n20	149	5745	MCS0	<b>14</b>
	157	5785	MCS0	<b>14</b>

	165	5825	MCS0	<b>14</b>
802.11n40	151	5755	MCS0	<b>13</b>
	159	5795	MCS0	<b>13</b>
802.11ac20	149	5745	MCS0	<b>15</b>
	157	5785	MCS0	<b>15</b>
	165	5825	MCS0	<b>15</b>
802.11ac40	151	5755	MCS0	<b>14</b>
	159	5795	MCS0	<b>14</b>
802.11ac80	155	5775	MCS0	<b>12</b>

**Support Equipment List and Details**

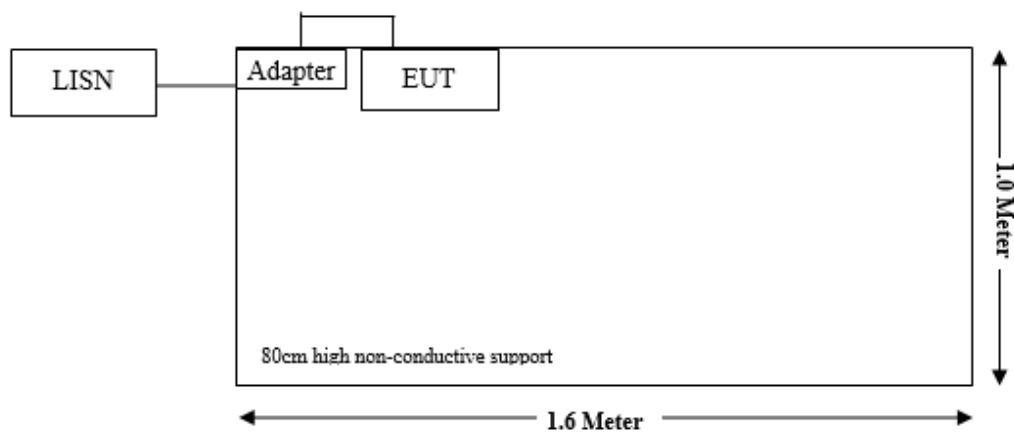
Manufacturer	Description	Model	Serial Number
LITEON	AC ADAPTER	PA-1650-90	NSW26604

## External I/O Cable

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

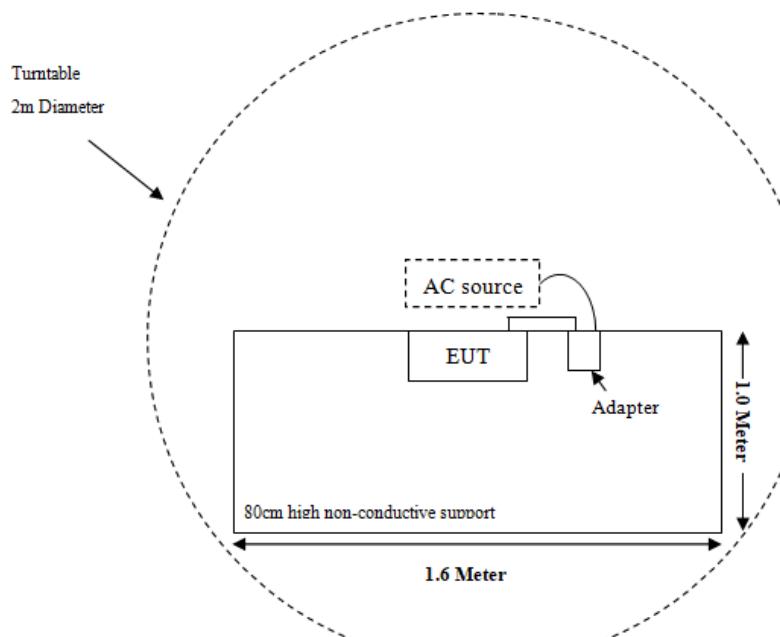
## Block Diagram of Test Setup

Conducted Emission:

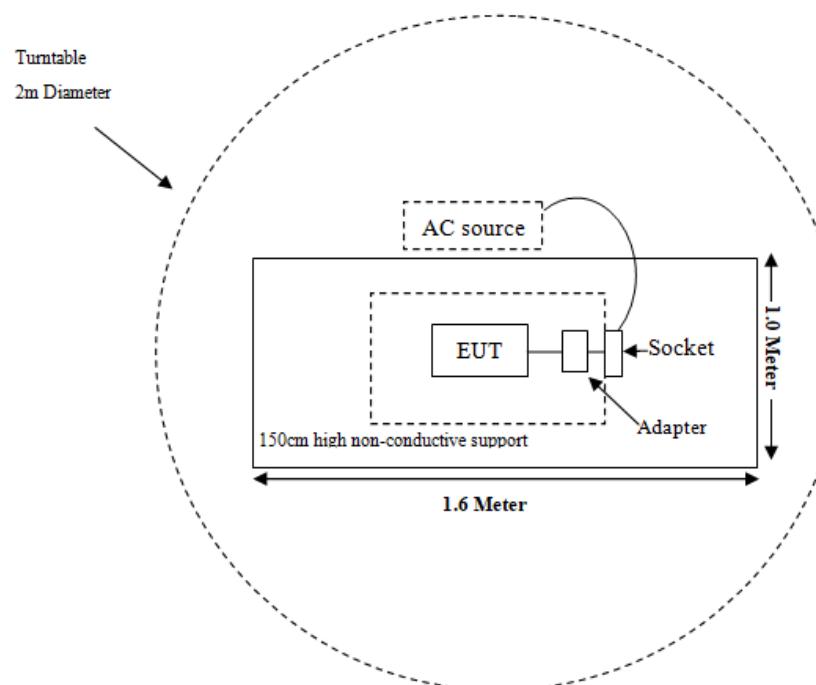


Radiated Emission:

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: SNM927, FCC ID: 2AG6N-SNM927WF4MG. The Change ID device based on the original device, model: SNM927, FCC ID: 2APJ4-SNM927, 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, Radiated Spurious Emissions was tested based on the change.

Note 2:

Please refer to Report No: FR462035D

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
<b>Conducted Emissions</b>					
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
<b>Radiated Emissions Below 1GHz</b>					
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
<b>Radiated Emissions Above 1 GHz</b>					
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
<b>RF Conducted Test</b>					
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**

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### **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 max. antenna gain is 0.95dBi, fulfill the requirement of this section. Please refer to the EUT photos.

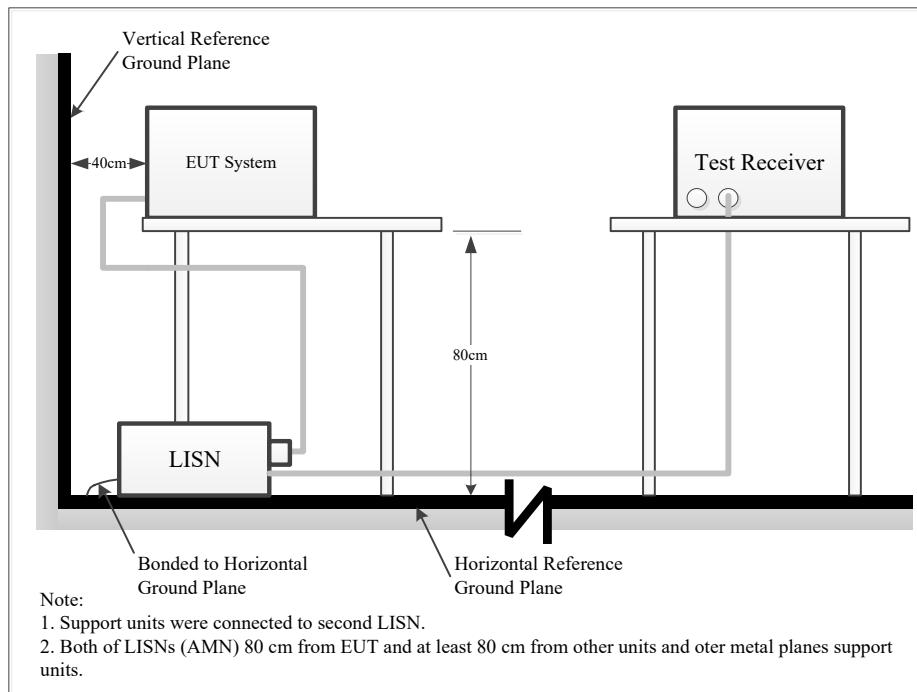
### **Result: Compliance**

## FCC §15.207 (a) – AC LINE CONDUCTED EMISSIONS

### Applicable Standard

FCC§15.207

### EUT Setup



The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.207 limits.

The spacing between the peripherals was 10 cm.

### 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

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.

All final data was recorded in the Quasi-peak and average detection mode.

## 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:

Factor (dB) = LISN VDF (dB) + Cable Loss (dB) + Transient Limiter Attenuation (dB)

Level (dB $\mu$ V) = Reading (dB $\mu$ V) + Factor (dB)

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:

Margin (dB) = Limit (dB $\mu$ V) – Level (dB $\mu$ V)

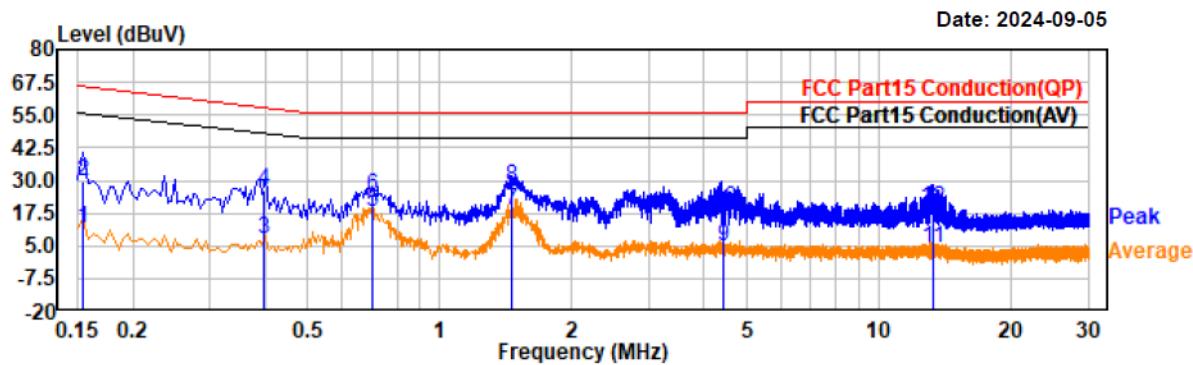
## Test Data

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

EUT operation mode: Transmitting in Wi-Fi 802.11a 5785MHz (worst case)

Project No.: 2407W89602E-RF  
 Test Mode: 5G Wi-Fi a 5785MHz Tx  
 EUT Model: SNM927

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

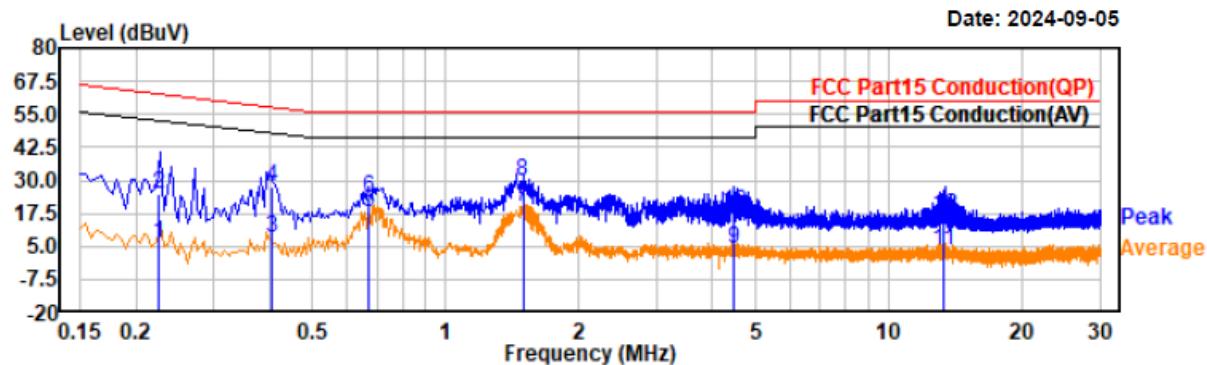


Trace: 1

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.15	-9.37	21.06	11.69	55.80	44.11	Line	Average
0.15	8.72	21.06	29.78	65.80	36.02	Line	QP
0.40	-13.30	20.54	7.24	47.89	40.65	Line	Average
0.40	5.43	20.54	25.97	57.89	31.92	Line	QP
0.71	-2.44	20.61	18.17	46.00	27.83	Line	Average
0.71	3.62	20.61	24.23	56.00	31.77	Line	QP
1.46	-1.95	20.84	18.89	46.00	27.11	Line	Average
1.46	6.42	20.84	27.26	56.00	28.74	Line	QP
4.41	-16.42	20.92	4.50	46.00	41.50	Line	Average
4.41	-1.27	20.92	19.65	56.00	36.35	Line	QP
13.23	-16.65	21.04	4.39	50.00	45.61	Line	Average
13.23	-2.05	21.04	18.99	60.00	41.01	Line	QP

Project No.: 2407W89602E-RF  
Test Mode: 5G Wi-Fi a 5785MHz Tx  
EUT Model: SNM927

Temp/Humi/ATM: 21.8°C/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
0.22	-14.58	20.97	6.39	52.65	46.26	Neutral	Average
0.22	3.78	20.97	24.75	62.65	37.90	Neutral	QP
0.40	-11.97	20.47	8.50	47.76	39.26	Neutral	Average
0.40	7.27	20.47	27.74	57.76	30.02	Neutral	QP
0.67	-2.49	20.39	17.90	46.00	28.10	Neutral	Average
0.67	3.24	20.39	23.63	56.00	32.37	Neutral	QP
1.49	-0.68	20.95	20.27	46.00	25.73	Neutral	Average
1.49	8.87	20.95	29.82	56.00	26.18	Neutral	QP
4.45	-16.97	20.87	3.90	46.00	42.10	Neutral	Average
4.45	-3.04	20.87	17.83	56.00	38.17	Neutral	QP
13.27	-17.88	21.01	3.13	50.00	46.87	Neutral	Average
13.27	-4.53	21.01	16.48	60.00	43.52	Neutral	QP

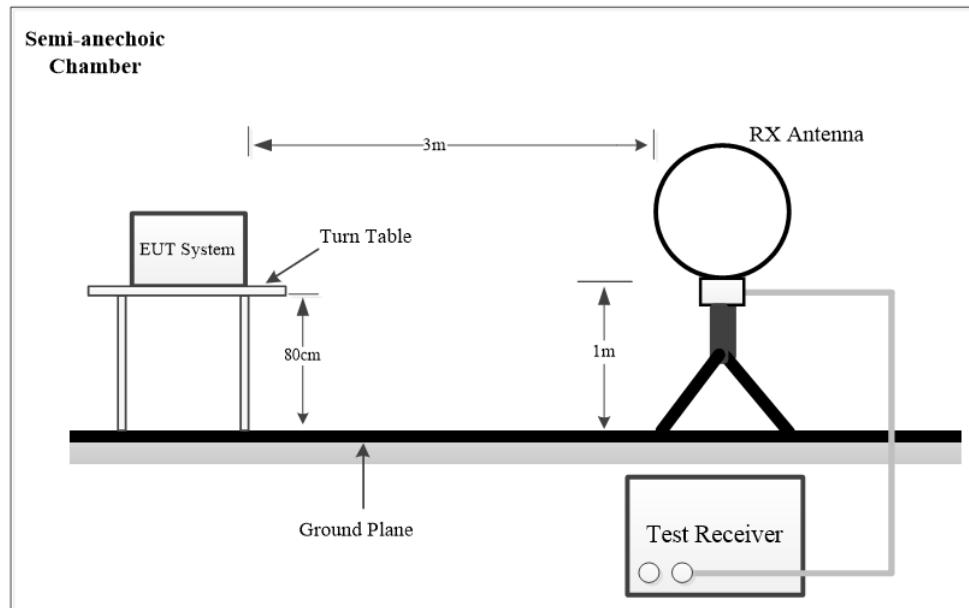
## FCC §15.209, §15.205 & §15.407(b) - SPURIOUS EMISSIONS

### Applicable Standard

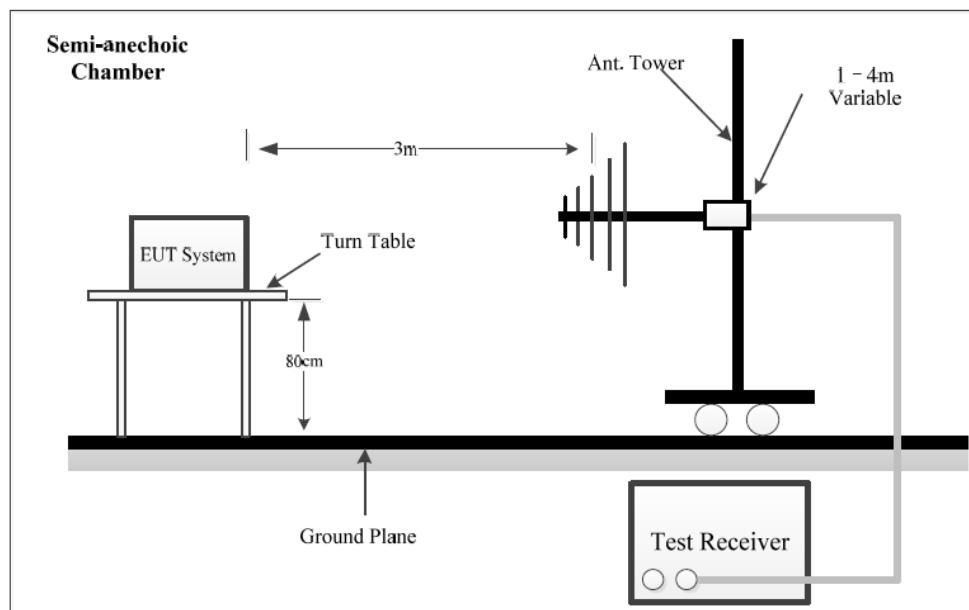
FCC §15.407 (b); §15.205;

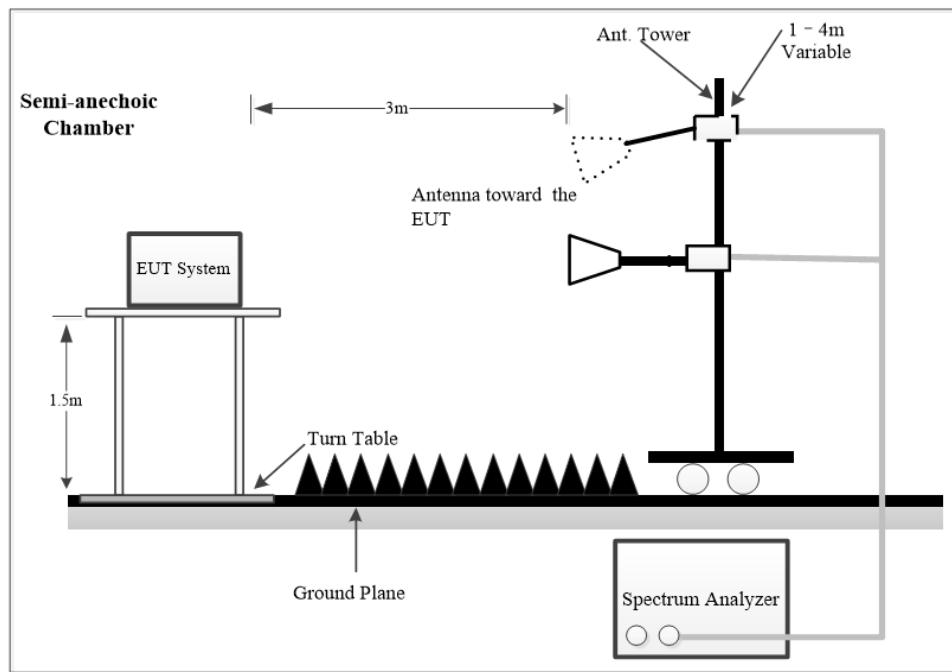
### EUT Setup

**9 kHz-30MHz:**

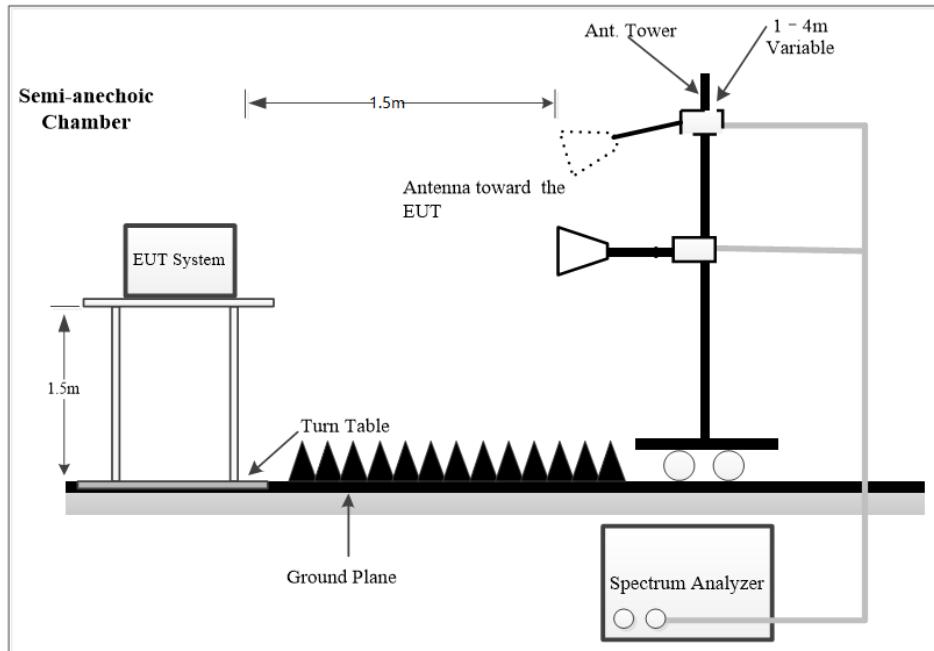


**30MHz -1 GHz:**



**1-18GHz:**

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.

**18-40GHz:**

The radiated emission tests were performed in the 1.5 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.

## 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  $0^\circ$  to  $360^\circ$  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."

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

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

All emissions under the average limit and under the noise floor have not recorded in the report.

## 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 (dB $\mu$ V/m) = Reading (dB $\mu$ V) + 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:

Margin (dB) = Limit (dB $\mu$ V/m) – Level (dB $\mu$ 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	2024-08-10~2024-09-20
Test Engineer:	Wlif Wu	Wlif Wu

### 1) 9 kHz~30MHz

*EUT operation mode: Transmitting in 5725-5850MHz 802.11a middle channel (worst case)*

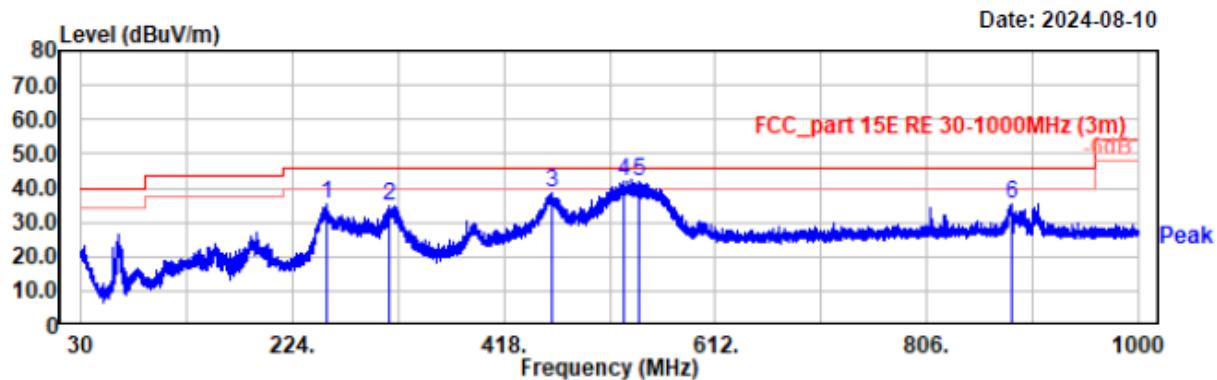
Pre-scan in parallel, ground-parallel and perpendicular of orientation of loop antenna, the amplitude of spurious emissions attenuated is more than 20 dB below the permissible value, which is not required to be report.

## 2) 30 MHz-1GHz(worst case)

After pre-scan 802.11a, 802.11ac20/n20, 802.11ac40/n40, 802.11ac80 mode, the worst case is 802.11a 5785MHz.

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5785MHz  
EUT Model: SNM927  
Test distance: 3m

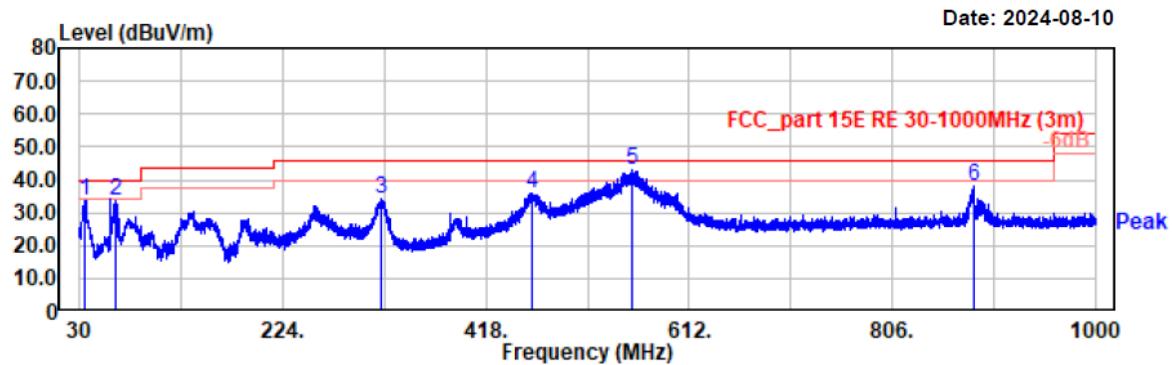
Temp/Humi/ATM: 21.3°C/51%/101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
254.85	46.76	-11.38	35.38	46.00	10.62	Horizontal	Peak
313.53	43.73	-8.93	34.80	46.00	11.20	Horizontal	Peak
461.65	42.95	-4.55	38.40	46.00	7.60	Horizontal	QP
528.48	45.27	-3.28	41.99	46.00	4.01	Horizontal	QP
541.48	45.04	-2.99	42.05	46.00	3.95	Horizontal	QP
883.41	33.11	2.37	35.48	46.00	10.52	Horizontal	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5785MHz  
EUT Model: SNM927  
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	42.13	-8.34	33.79	40.00	6.21	Vertical	QP
64.63	51.02	-17.29	33.73	40.00	6.27	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	45.46	-2.62	42.84	46.00	3.16	Vertical	QP
883.31	35.50	2.37	37.87	46.00	8.13	Vertical	QP

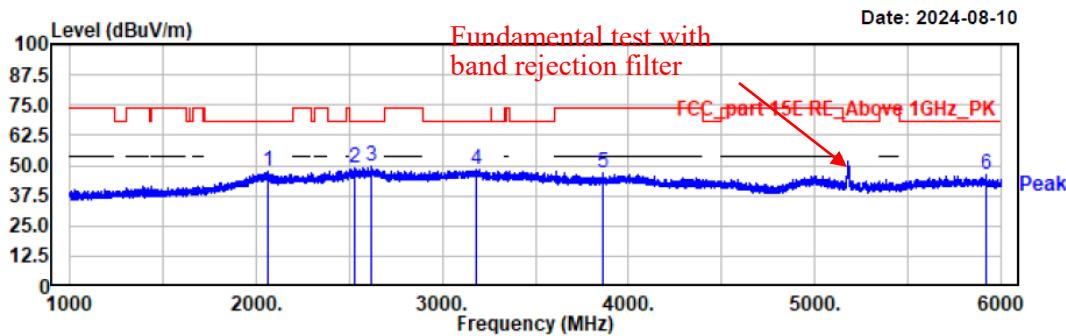
### 3) 1GHz~6GHz

#### Band 1

After pre-scan 802.11a, 802.11ac20/n20, 802.11ac40/n40, 802.11ac80 mode, the worst case is 802.11ac 20.

Project No.: 2407W89602E-RF  
Test Mode: 802.11ac20 5180MHz  
EUT Model: SNM927  
Test distance: 3m

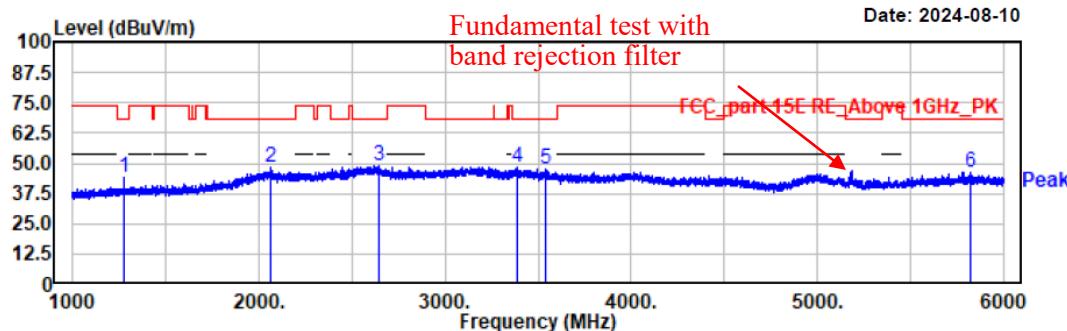
Temp/Humi/ATM: 21.3 °C / 51% / 101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



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
2526.00	43.57	5.68	49.25	68.20	18.95	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	42.41	4.66	47.07	74.00	26.93	horizontal	Peak
5921.00	40.99	5.01	46.00	68.20	22.20	horizontal	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11ac20 5180MHz  
EUT Model: SNM927  
Test distance: 3m

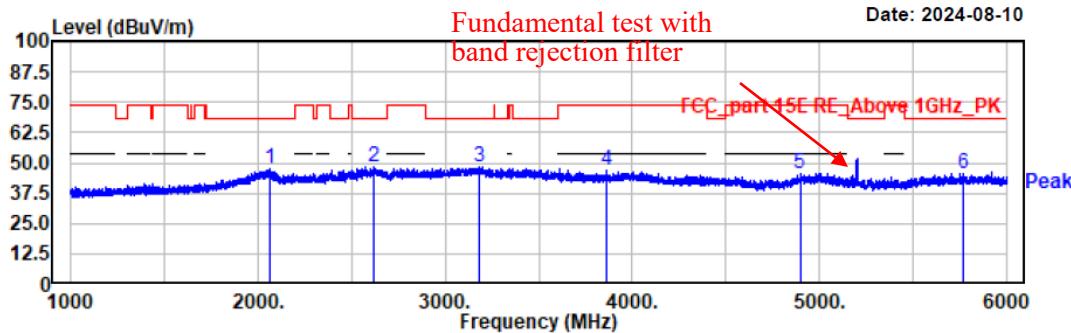
Temp/Humi/ATM: 21.3°C/51%/101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1273.50	48.33	-4.26	44.07	68.20	24.13	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
3392.00	43.11	5.46	48.57	68.20	19.63	vertical	Peak
3544.00	42.87	4.60	47.47	68.20	20.73	vertical	Peak
5818.50	41.08	5.27	46.35	68.20	21.85	vertical	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11ac20 5200MHz  
EUT Model: SNM927  
Test distance: 3m

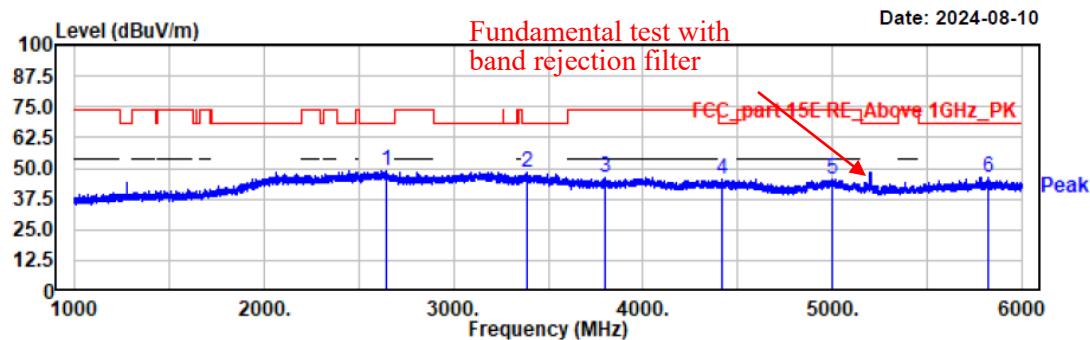
Temp/Humi/ATM: 21.3°C/51%/101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



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
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
5767.50	40.23	5.13	45.36	68.20	22.84	horizontal	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11ac20 5200MHz  
EUT Model: SNM927  
Test distance: 3m

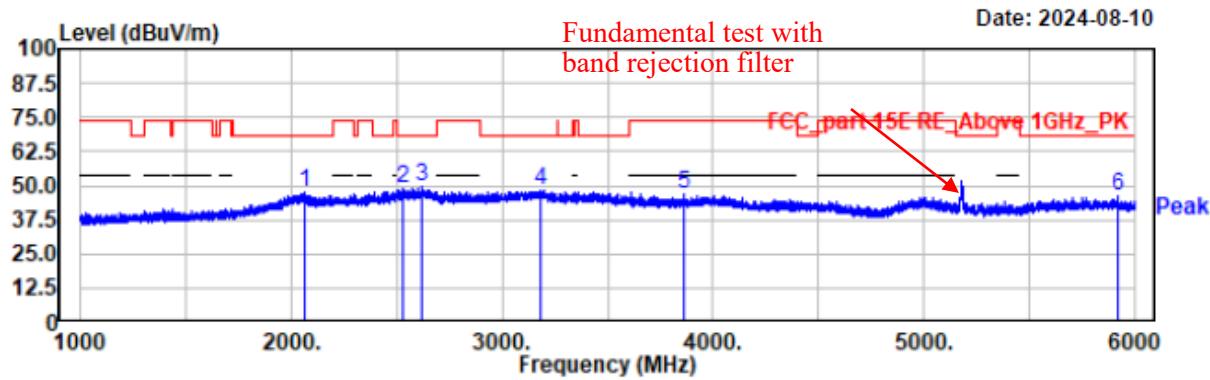
Temp/Humi/ATM: 21.3 °C / 51% / 101.1 kPa  
Tested by: Wlif Wu  
Power Source: AC 120V / 60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2649.00	42.74	6.09	48.83	68.20	19.37	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
4419.00	42.19	3.41	45.60	68.20	22.60	vertical	Peak
5001.50	41.51	3.97	45.48	74.00	28.52	vertical	Peak
5818.50	41.08	5.27	46.35	68.20	21.85	vertical	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11ac20 5240MHz  
EUT Model: SNM927  
Test distance: 3m

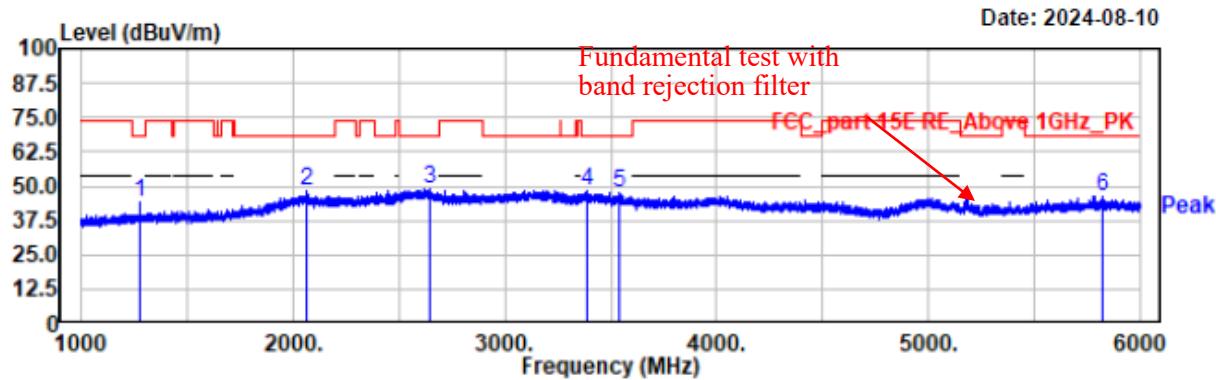
Temp/Humi/ATM: 21.3°C/51%/101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



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
2526.00	43.57	5.68	49.25	68.20	18.95	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	42.41	4.66	47.07	74.00	26.93	horizontal	Peak
5921.00	40.99	5.01	46.00	68.20	22.20	horizontal	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11ac20 5240MHz  
EUT Model: SNM927  
Test distance: 3m

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



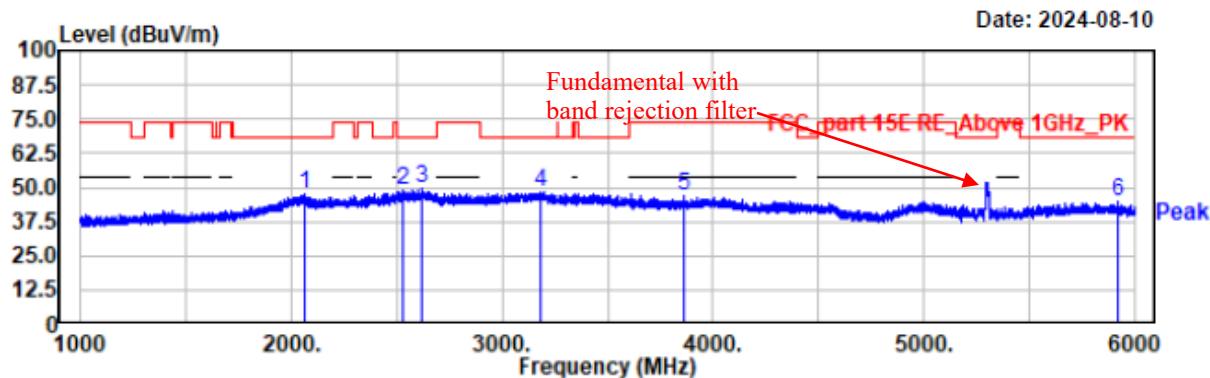
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
1273.50	48.33	-4.26	44.07	68.20	24.13	vertical	Peak
2066.50	44.45	3.75	48.20	68.20	20.00	vertical	Peak
2649.00	42.74	6.09	48.83	68.20	19.37	vertical	Peak
3392.00	43.11	5.46	48.57	68.20	19.63	vertical	Peak
3544.00	42.87	4.60	47.47	68.20	20.73	vertical	Peak
5818.50	41.08	5.27	46.35	68.20	21.85	vertical	Peak

**Band 2**

After pre-scan 802.11a, 802.11ac20/n20, 802.11ac40/n40, 802.11ac80 mode, the worst case is 802.11a.

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5260MHz  
EUT Model: SNM927  
Test distance: 3m

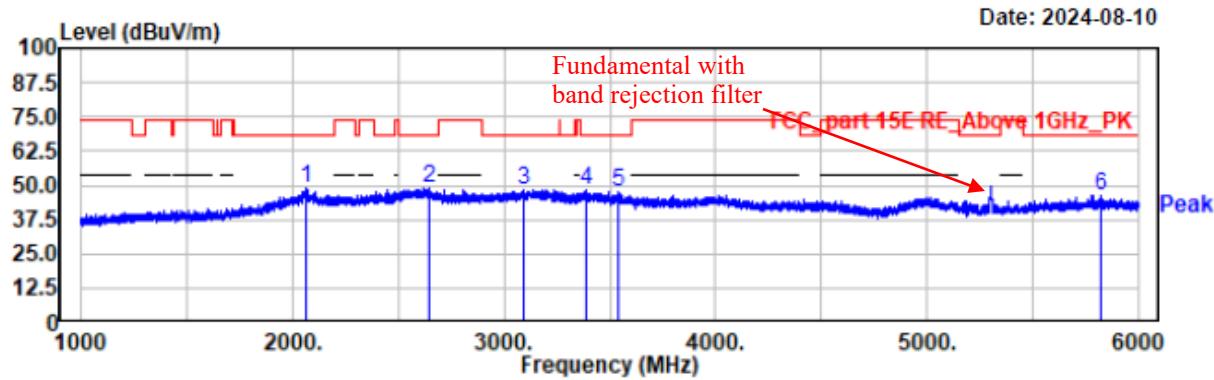
Temp/Humi/ATM: 21.3°C/51%/101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



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
2526.00	43.57	5.68	49.25	68.20	18.95	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	42.41	4.66	47.07	74.00	26.93	horizontal	Peak
5921.00	39.99	5.01	45.00	68.20	23.20	horizontal	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5260MHz  
EUT Model: SNM927  
Test distance: 3m

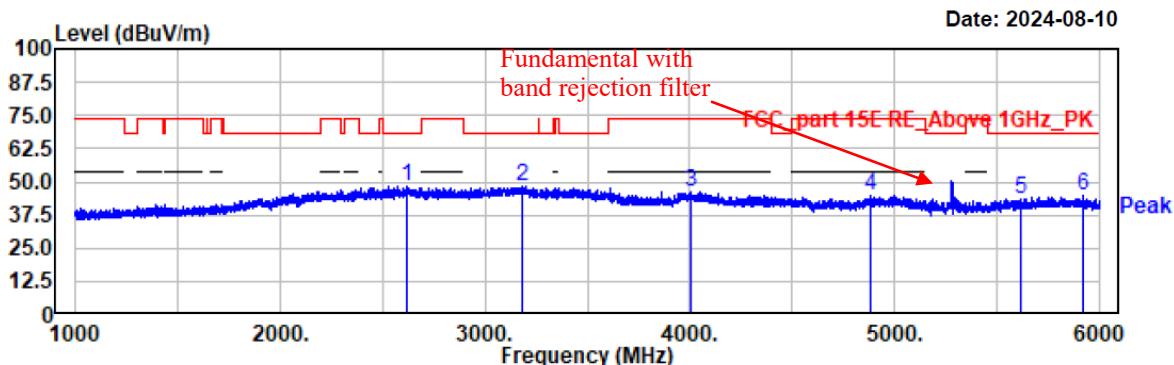
Temp/Humi/ATM: 21.3°C/51%/101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



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
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
3544.00	42.87	4.60	47.47	68.20	20.73	vertical	Peak
5818.50	41.08	5.27	46.35	68.20	21.85	vertical	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5280MHz  
EUT Model: SNM927  
Test distance: 3m

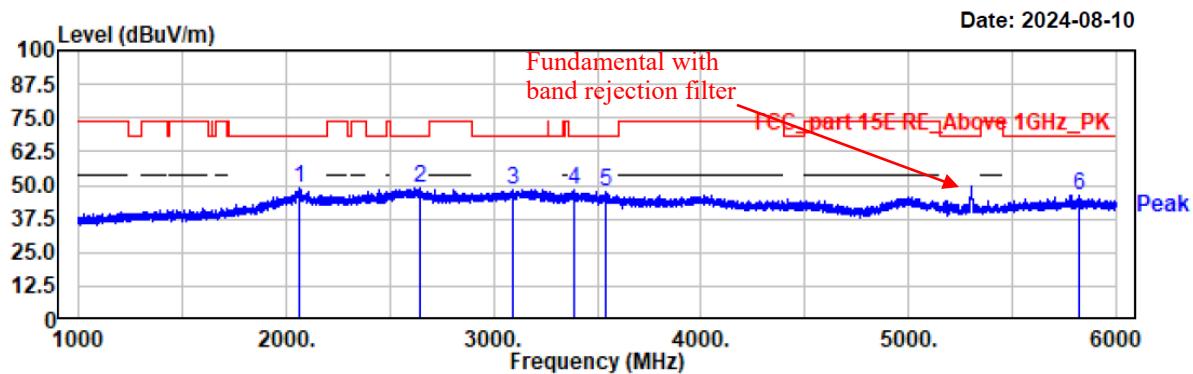
Temp/Humi/ATM: 21.3°C/51%/101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



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
4007.50	41.34	4.64	45.98	74.00	28.02	horizontal	Peak
4887.00	41.75	3.16	44.91	74.00	29.09	horizontal	Peak
5613.00	39.05	4.46	43.51	68.20	24.69	horizontal	Peak
5921.00	39.99	5.01	45.00	68.20	23.20	horizontal	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5280MHz  
EUT Model: SNM927  
Test distance: 3m

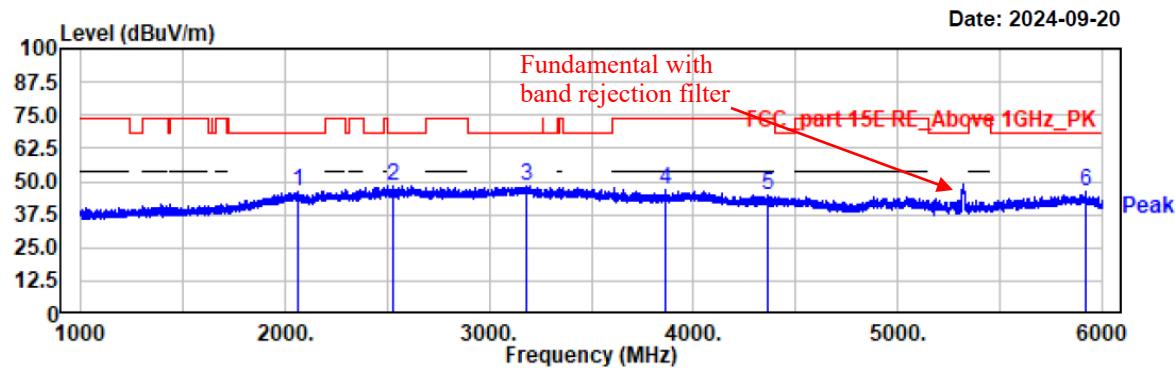
Temp/Humi/ATM: 21.3°C/51%/101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



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
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
3544.00	42.87	4.60	47.47	68.20	20.73	vertical	Peak
5818.50	41.08	5.27	46.35	68.20	21.85	vertical	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5320MHz  
EUT Model: SNM927  
Test distance: 3m

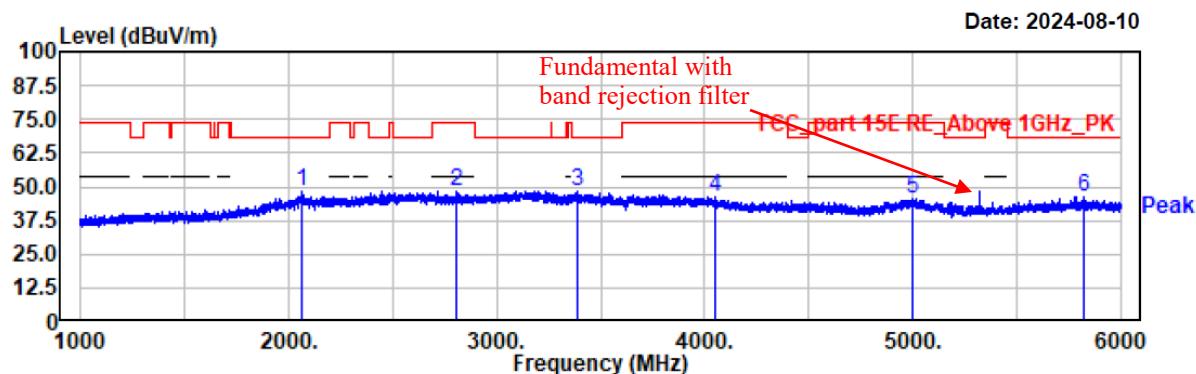
Temp/Humi/ATM: 21.3 °C / 51% / 101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



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
2526.00	42.57	5.68	48.25	68.20	19.95	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
4367.00	41.13	3.88	45.01	74.00	28.99	horizontal	Peak
5921.00	40.99	5.01	46.00	68.20	22.20	horizontal	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5320MHz  
EUT Model: SNM927  
Test distance: 3m

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



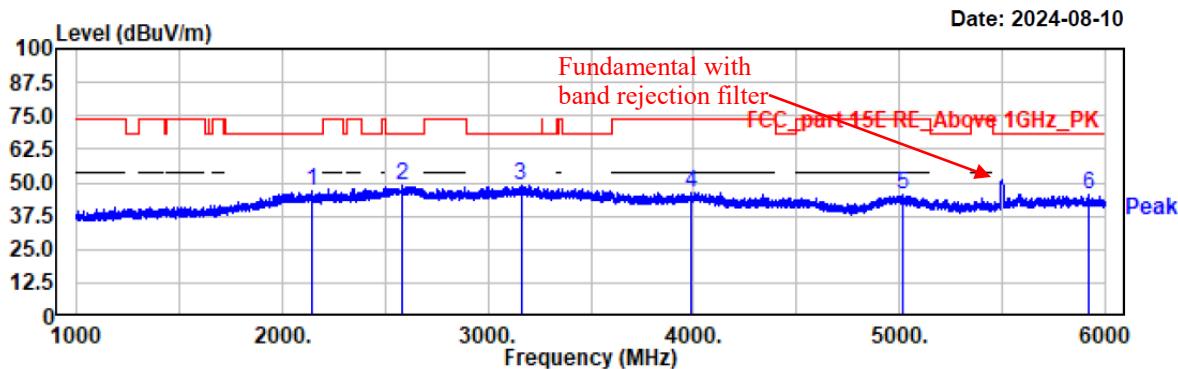
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2066.50	44.45	3.75	48.20	68.20	20.00	vertical	Peak
2808.00	43.71	4.66	48.37	74.00	25.63	vertical	Peak
3392.00	43.11	5.46	48.57	68.20	19.63	vertical	Peak
4054.50	41.60	4.75	46.35	74.00	27.65	vertical	Peak
5001.50	41.51	3.97	45.48	74.00	28.52	vertical	Peak
5818.50	41.08	5.27	46.35	68.20	21.85	vertical	Peak

**Band 3**

After pre-scan 802.11a, 802.11ac20/n20, 802.11ac40/n40, 802.11ac80 mode, the worst case is 802.11a.

Project No.: 2407W89602E-RF  
 Test Mode: 802.11a 5500MHz  
 EUT Model: SNM927  
 Test distance: 3m

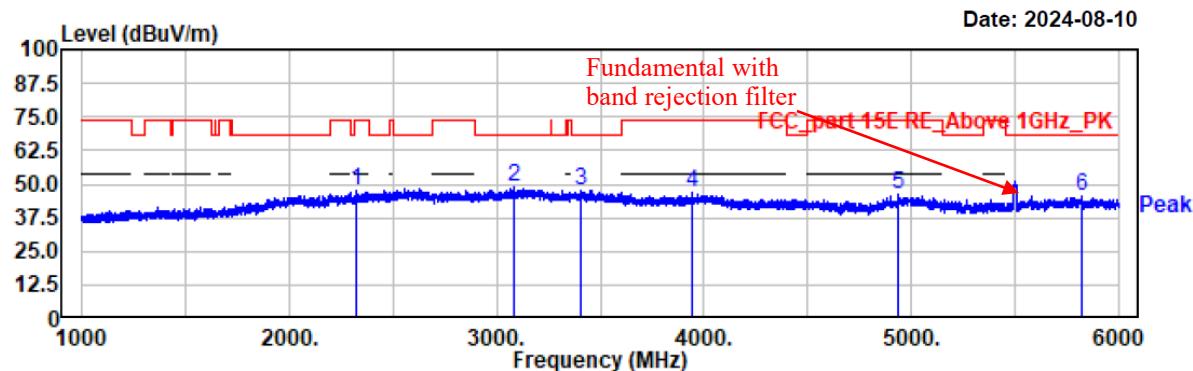
Temp/Humi/ATM: 21.3°C/51%/101.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2142.00	43.63	3.08	46.71	68.20	21.49	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
3992.00	41.70	4.65	46.35	74.00	27.65	horizontal	Peak
5019.00	41.57	3.96	45.53	74.00	28.47	horizontal	Peak
5919.00	40.25	5.05	45.30	68.20	22.90	horizontal	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5500MHz  
EUT Model: SNM927  
Test distance: 3m

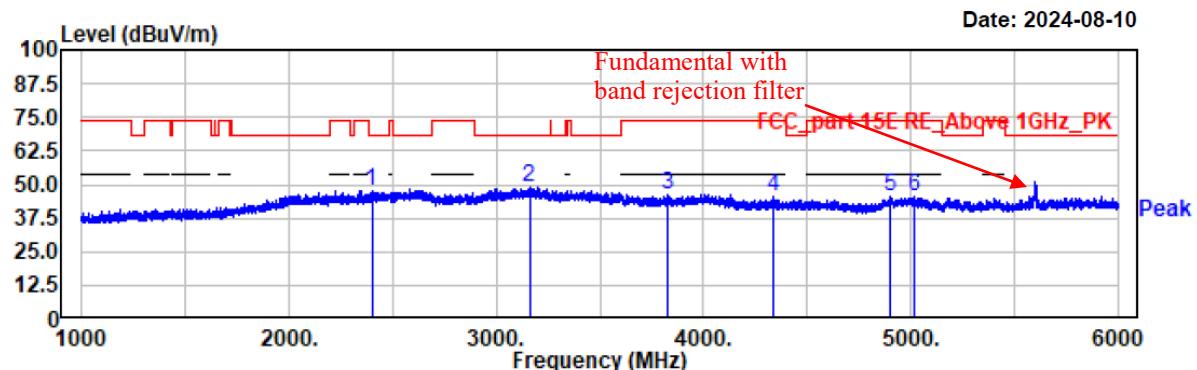
Temp/Humi/ATM: 21.3 °C/51%/101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



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
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	42.34	4.73	47.07	74.00	26.93	vertical	Peak
4940.50	42.30	3.72	46.02	74.00	27.98	vertical	Peak
5822.50	40.10	5.23	45.33	68.20	22.87	vertical	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5600MHz  
EUT Model: SNM927  
Test distance: 3m

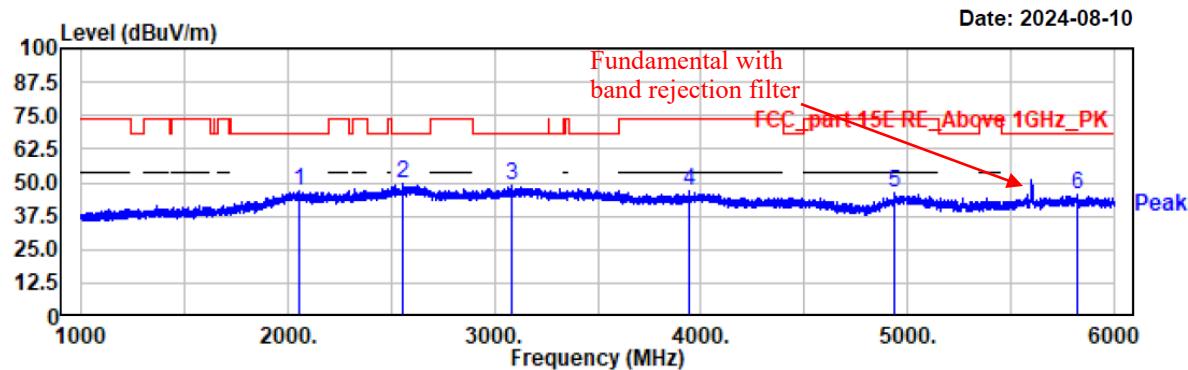
Temp/Humi/ATM: 21.3°C/51%/101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2399.50	43.17	4.40	47.57	68.20	20.63	horizontal	Peak
3160.00	42.63	6.18	48.81	68.20	19.39	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
4900.50	41.96	3.48	45.44	74.00	28.56	horizontal	Peak
5019.00	41.57	3.96	45.53	74.00	28.47	horizontal	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5600MHz  
EUT Model: SNM927  
Test distance: 3m

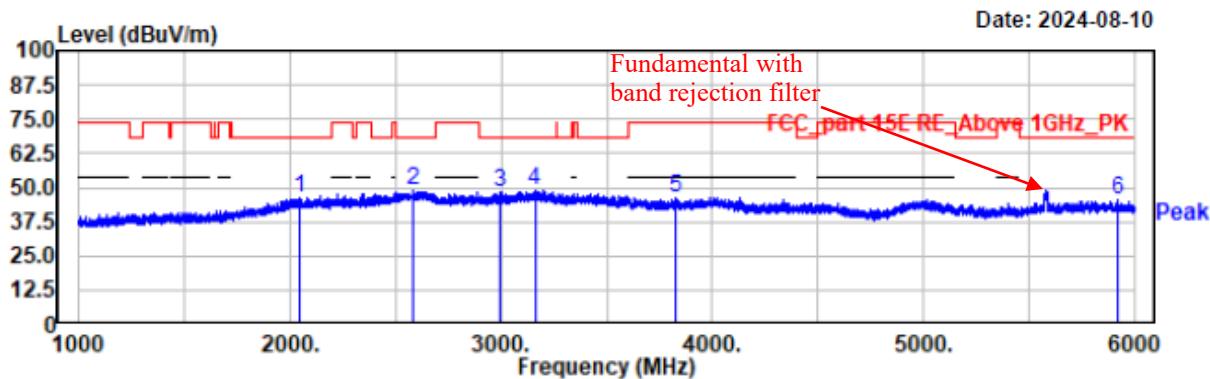
Temp/Humi/ATM: 21.3°C/51%/101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



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
3947.00	42.34	4.73	47.07	74.00	26.93	vertical	Peak
4940.50	42.30	3.72	46.02	74.00	27.98	vertical	Peak
5822.50	40.10	5.23	45.33	68.20	22.87	vertical	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5720MHz  
EUT Model: SNM927  
Test distance: 3m

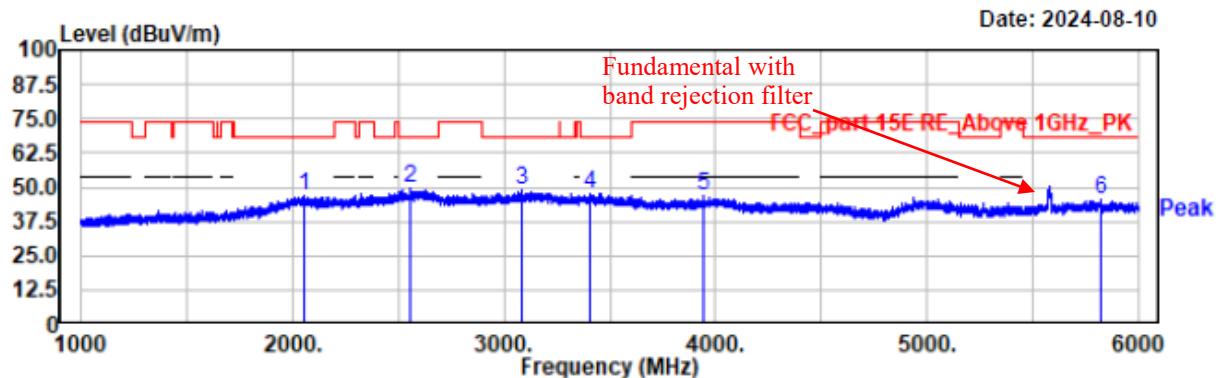
Temp/Humi/ATM: 21.3°C/51%/101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



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
2991.50	43.26	5.17	48.43	68.20	19.77	horizontal	Peak
3160.00	42.63	6.18	48.81	68.20	19.39	horizontal	Peak
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.: 2407W89602E-RF  
Test Mode: 802.11a 5720MHz  
EUT Model: SNM927  
Test distance: 3m

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



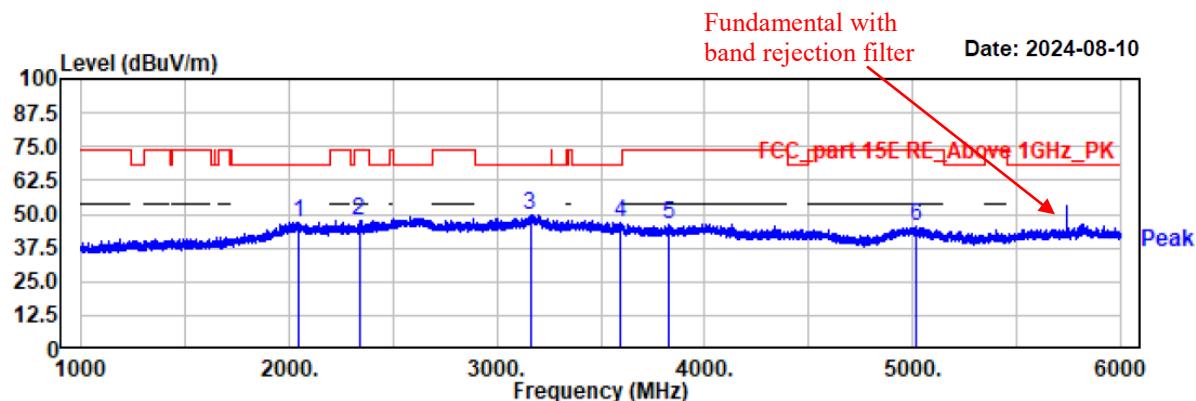
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2054.50	42.89	3.96	46.85	68.20	21.35	vertical	Peak
2559.50	43.50	6.05	49.55	68.20	18.65	vertical	Peak
3081.50	43.08	5.90	48.98	68.20	19.22	vertical	Peak
3405.00	42.38	5.47	47.85	68.20	20.35	vertical	Peak
3947.00	42.34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

**Band 4**

After pre-scan 802.11a,802.11ac20/n20,802.11ac40/n40,802.11ac80 mode, the worst case is 802.11a.

Project No.: 2407W89602E-RF  
 Test Mode: 802.11a 5745MHz  
 EUT Model: SNM927  
 Test distance: 3m

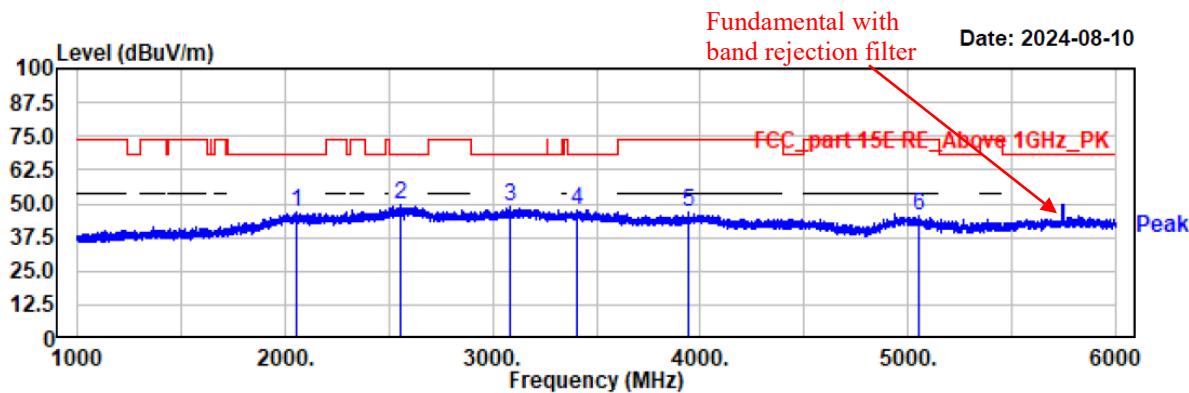
Temp/Humi/ATM: 21.3 °C/51%/101.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2047.00	43.06	4.01	47.07	68.20	21.13	horizontal	Peak
2336.50	43.85	3.69	47.54	74.00	26.46	horizontal	Peak
3160.00	43.63	6.18	49.81	68.20	18.39	horizontal	Peak
3595.00	42.50	4.55	47.05	68.20	21.15	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.: 2407W89602E-RF  
Test Mode: 802.11a 5745MHz  
EUT Model: SNM927  
Test distance: 3m

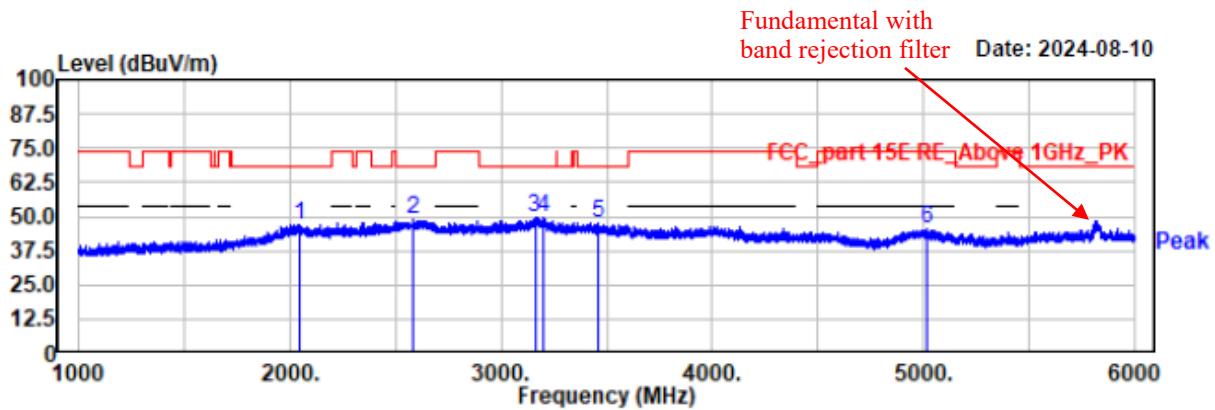
Temp/Humi/ATM: 21.3°C/51%/101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



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	42.34	4.73	47.07	74.00	26.93	vertical	Peak
5051.00	41.64	3.93	45.57	74.00	28.43	vertical	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5785MHz  
EUT Model: SNM927  
Test distance: 3m

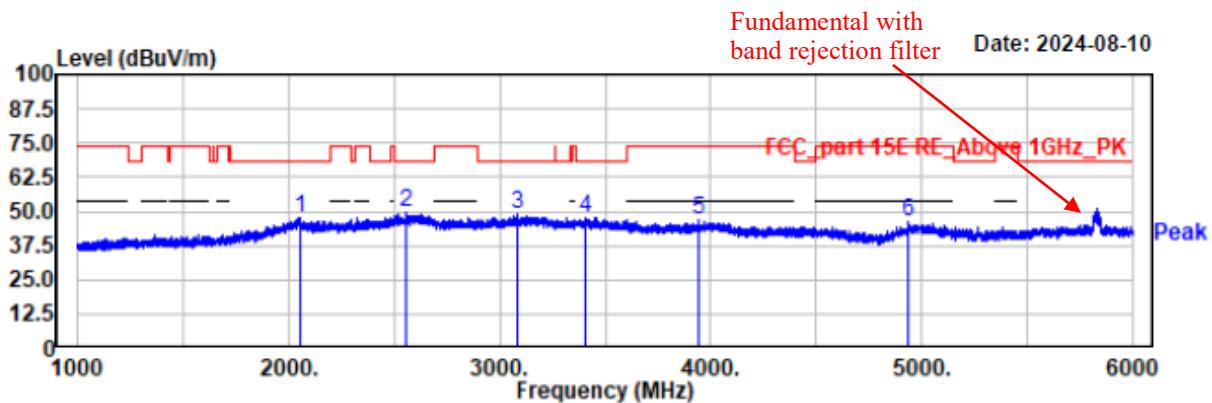
Temp/Humi/ATM: 21.3°C/51%/101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2047.00	43.06	4.01	47.07	68.20	21.13	horizontal	Peak
2581.50	42.83	6.13	48.96	68.20	19.24	horizontal	Peak
3160.00	43.63	6.18	49.81	68.20	18.39	horizontal	Peak
3198.50	43.56	6.19	49.75	68.20	18.45	horizontal	Peak
3463.50	42.36	5.25	47.61	68.20	20.59	horizontal	Peak
5019.00	41.57	3.96	45.53	74.00	28.47	horizontal	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5785MHz  
EUT Model: SNM927  
Test distance: 3m

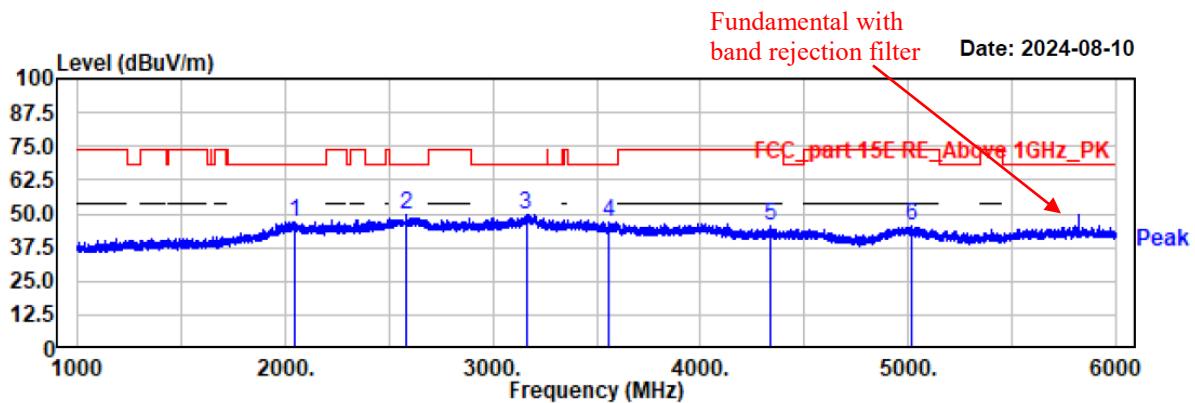
Temp/Humi/ATM: 21.3°C/51%/101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2054.50	43.89	3.96	47.85	68.20	20.35	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	42.34	4.73	47.07	74.00	26.93	vertical	Peak
4940.50	42.30	3.72	46.02	74.00	27.98	vertical	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5825MHz  
EUT Model: SNM927  
Test distance: 3m

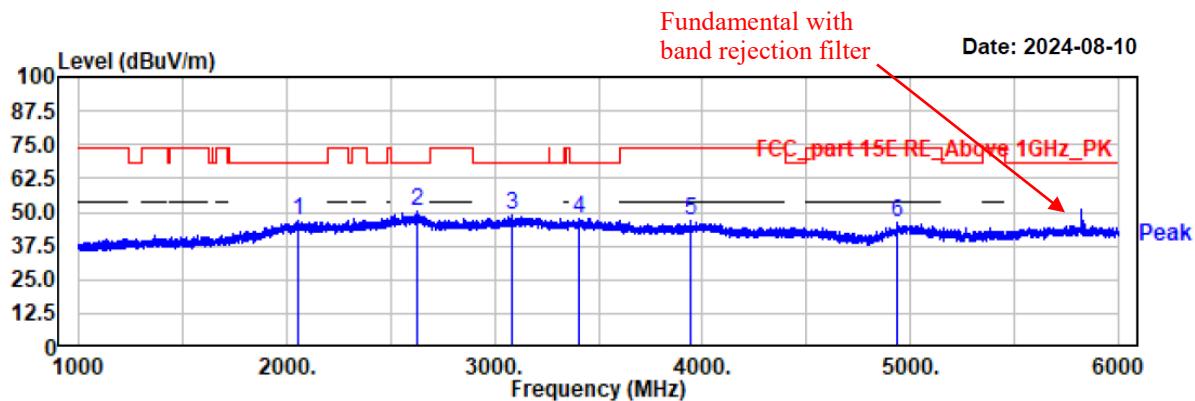
Temp/Humi/ATM: 21.3°C /51%/101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
2047.00	43.06	4.01	47.07	68.20	21.13	horizontal	Peak
2581.50	43.83	6.13	49.96	68.20	18.24	horizontal	Peak
3160.00	43.63	6.18	49.81	68.20	18.39	horizontal	Peak
3556.50	42.53	4.56	47.09	68.20	21.11	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

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5825MHz  
EUT Model: SNM927  
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
2628.50	44.01	6.14	50.15	68.20	18.05	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	42.34	4.73	47.07	74.00	26.93	vertical	Peak
4940.50	42.30	3.72	46.02	74.00	27.98	vertical	Peak

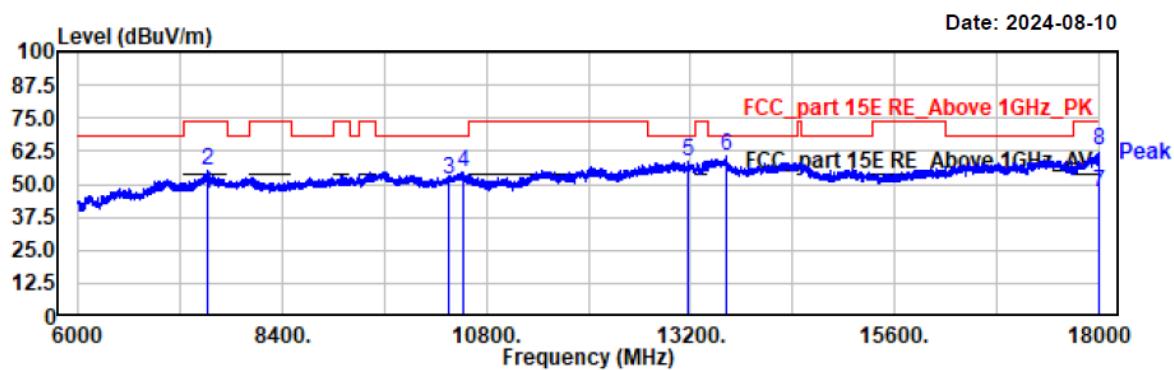
### 3) 6GHz~18GHz

#### Band 1

After pre-scan 802.11a, 802.11ac20/n20, 802.11ac40/n40, 802.11ac80 mode, the worst case is 802.11ac20.

Project No.: 2407W89602E-RF  
 Test Mode: 802.11ac20 5180MHz  
 EUT Model: SNM927  
 Test distance: 3m

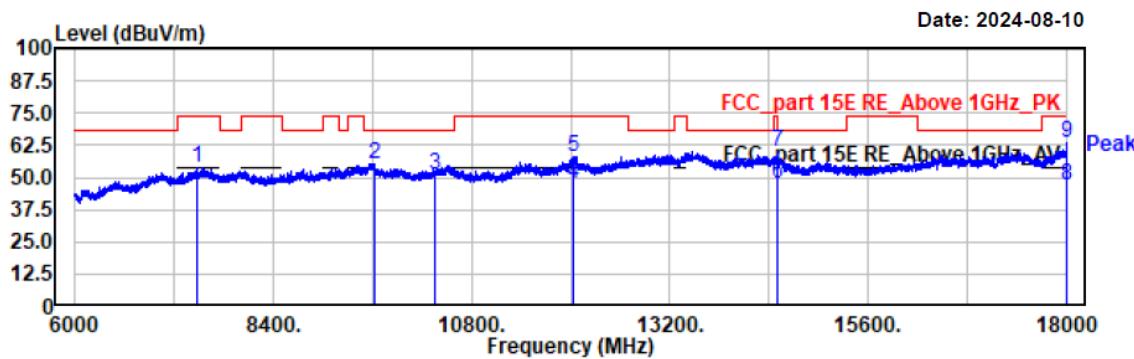
Temp/Humi/ATM: 21.3°C / 51% / 101.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
7526.40	33.91	11.98	45.89	54.00	8.11	horizontal	Average
7526.40	43.07	11.98	55.05	74.00	18.95	horizontal	Peak
10359.60	38.66	12.99	51.65	68.20	16.55	horizontal	Peak
10525.20	41.05	13.49	54.54	68.20	13.66	horizontal	Peak
13172.40	40.80	17.92	58.72	68.20	9.48	horizontal	Peak
13612.80	42.65	17.73	60.38	68.20	7.82	horizontal	Peak
18000.00	27.24	19.98	47.22	54.00	6.78	horizontal	Average
18000.00	42.67	19.98	62.65	74.00	11.35	horizontal	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11ac20 5180MHz  
EUT Model: SNM927  
Test distance: 3m

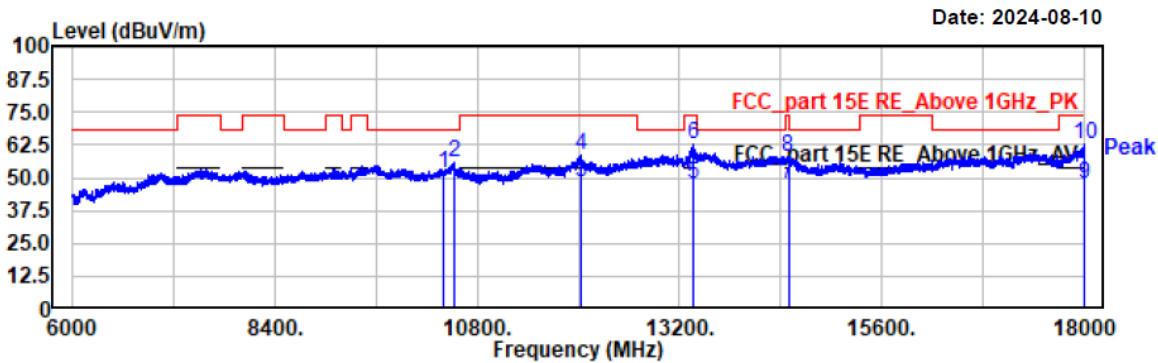
Temp/Humi/ATM: 21.3 °C / 51% / 101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
7478.40	41.64	12.04	53.68	74.00	20.32	vertical	Peak
9624.00	41.43	13.68	55.11	68.20	13.09	vertical	Peak
10360.00	38.14	12.99	51.13	68.20	17.07	vertical	Peak
12025.20	31.78	15.88	47.66	54.00	6.34	vertical	Average
12025.20	42.32	15.88	58.20	74.00	15.80	vertical	Peak
14496.00	31.15	16.74	47.89	54.00	6.11	vertical	Average
14496.00	43.01	16.74	59.75	74.00	14.25	vertical	Peak
18000.00	27.02	19.98	47.00	54.00	7.00	vertical	Average
18000.00	43.46	19.98	63.44	74.00	10.56	vertical	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11ac20 5200MHz  
EUT Model: SNM927  
Test distance: 3m

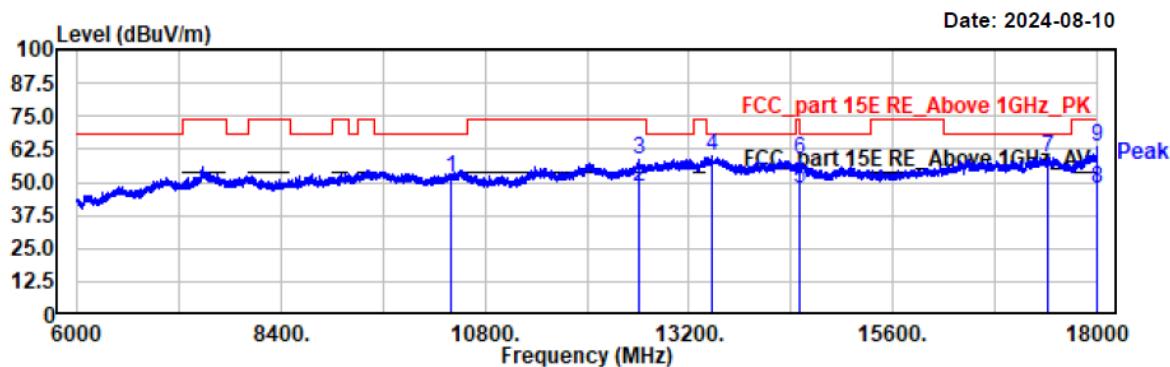
Temp/Humi/ATM: 21.3 °C / 51% / 101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
10400.40	39.02	13.00	52.02	68.20	16.18	horizontal	Peak
10525.20	42.05	13.49	55.54	68.20	12.66	horizontal	Peak
12026.40	32.19	15.88	48.07	54.00	5.93	horizontal	Average
12026.40	42.42	15.88	58.30	74.00	15.70	horizontal	Peak
13358.40	29.61	17.95	47.56	54.00	6.44	horizontal	Average
13358.40	44.80	17.95	62.75	74.00	11.25	horizontal	Peak
14492.40	30.91	16.75	47.66	54.00	6.34	horizontal	Average
14492.40	41.51	16.75	58.26	74.00	15.74	horizontal	Peak
17997.60	27.86	19.96	47.82	54.00	6.18	horizontal	Average
17997.60	42.69	19.96	62.65	74.00	11.35	horizontal	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11ac20 5200MHz  
EUT Model: SNM927  
Test distance: 3m

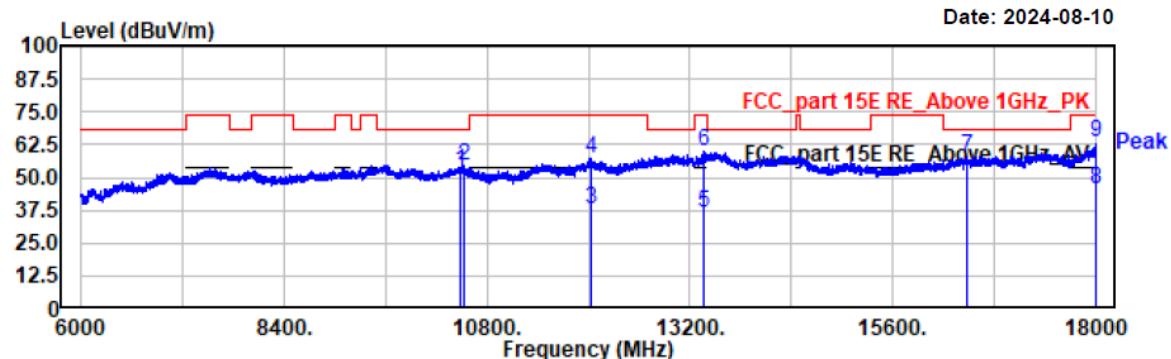
Temp/Humi/ATM: 21.3°C/51%/101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
10400.40	38.76	13.00	51.76	68.20	16.44	vertical	Peak
12604.80	31.48	16.48	47.96	54.00	6.04	vertical	Average
12604.80	42.37	16.48	58.85	74.00	15.15	vertical	Peak
13480.80	41.37	18.33	59.70	68.20	8.50	vertical	Peak
14496.00	30.82	16.74	47.56	54.00	6.44	vertical	Average
14496.00	42.01	16.74	58.75	74.00	15.25	vertical	Peak
17419.20	41.84	17.81	59.65	68.20	8.55	vertical	Peak
17996.40	27.34	19.96	47.30	54.00	6.70	vertical	Average
17996.40	43.31	19.96	63.27	74.00	10.73	vertical	Peak

Project No.: 2407W89602E-RF  
 Test Mode: 802.11ac20 5240MHz  
 EUT Model: SNM927  
 Test distance: 3m

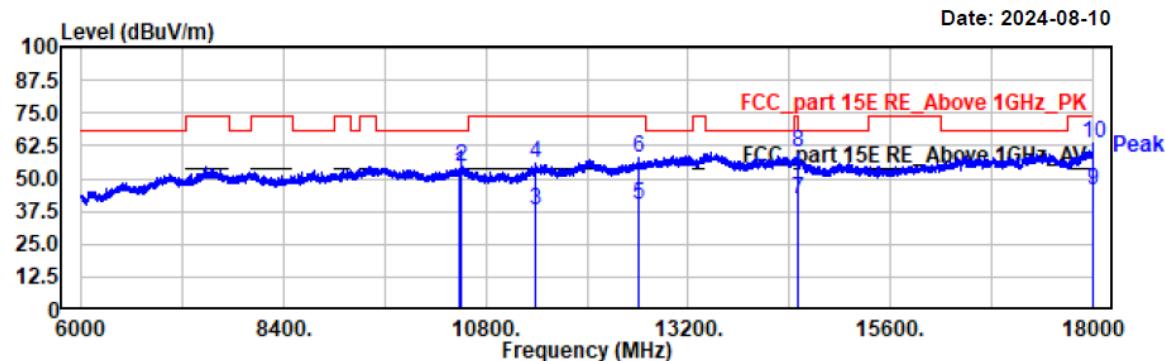
Temp/Humi/ATM: 21.3°C/51%/101.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
10480.00	39.15	13.50	52.65	68.20	15.55	horizontal	Peak
10525.20	41.05	13.49	54.54	68.20	13.66	horizontal	Peak
12026.40	22.01	15.88	37.89	54.00	16.11	horizontal	Average
12026.40	41.42	15.88	57.30	74.00	16.70	horizontal	Peak
13358.40	18.94	17.95	36.89	54.00	17.11	horizontal	Average
13358.40	41.80	17.95	59.75	74.00	14.25	horizontal	Peak
16477.20	42.49	15.50	57.99	68.20	10.21	horizontal	Peak
18000.00	25.71	19.98	45.69	54.00	8.31	horizontal	Average
18000.00	43.67	19.98	63.65	74.00	10.35	horizontal	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11ac20 5240MHz  
EUT Model: SNM927  
Test distance: 3m

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



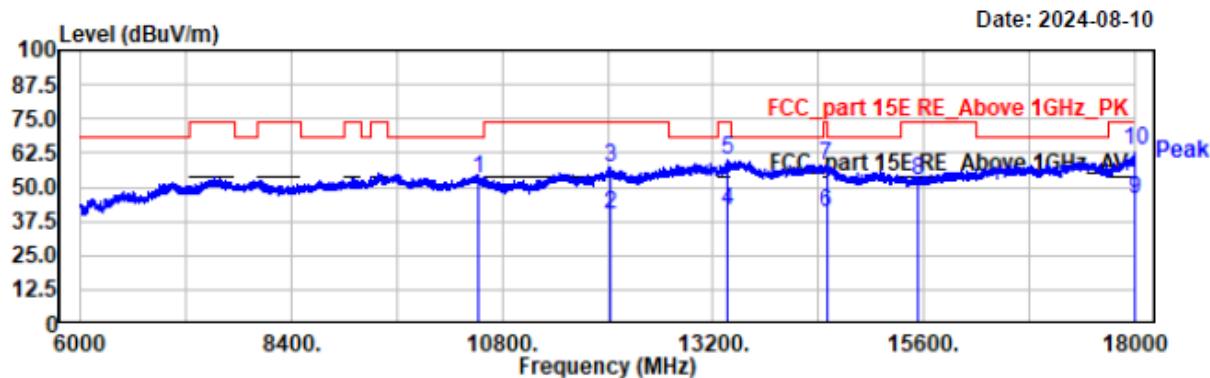
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
10480.00	39.07	13.50	52.57	68.20	15.63	vertical	Peak
10507.20	41.07	13.59	54.66	68.20	13.54	vertical	Peak
11394.00	23.75	14.11	37.86	54.00	16.14	vertical	Average
11394.00	41.79	14.11	55.90	74.00	18.10	vertical	Peak
12604.80	23.86	16.48	40.34	54.00	13.66	vertical	Average
12604.80	41.37	16.48	57.85	74.00	16.15	vertical	Peak
14496.00	25.32	16.74	42.06	54.00	11.94	vertical	Average
14496.00	43.01	16.74	59.75	74.00	14.25	vertical	Peak
18000.00	25.42	19.98	45.40	54.00	8.60	vertical	Average
18000.00	43.46	19.98	63.44	74.00	10.56	vertical	Peak

**Band 2**

After pre-scan 802.11a, 802.11ac20/n20, 802.11ac40/n40, 802.11ac80 mode, the worst case is 802.11a.

Project No.: 2407W89602E-RF  
 Test Mode: 802.11a 5260MHz  
 EUT Model: SNM927  
 Test distance: 3m

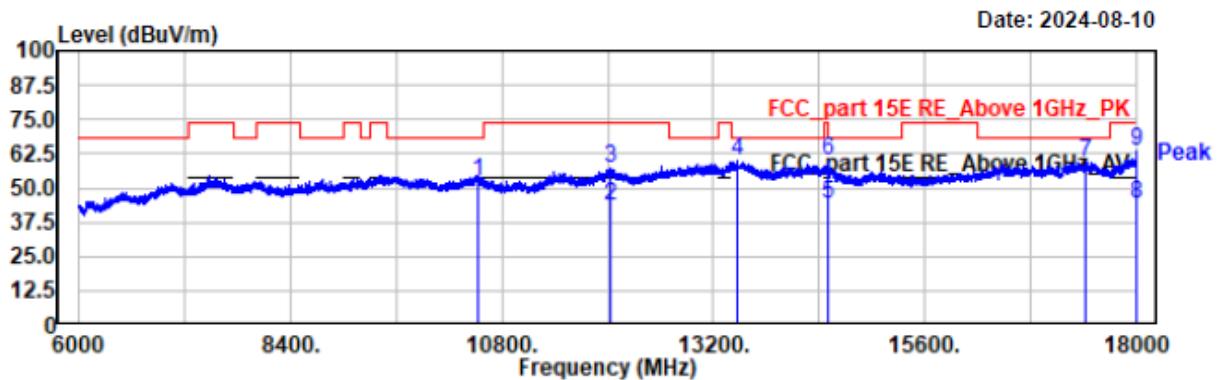
Temp/Humi/ATM: 21.3°C/51%/101.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
10520.40	39.80	13.53	53.33	68.20	14.87	horizontal	Peak
12026.40	23.90	15.88	39.78	54.00	14.22	horizontal	Average
12026.40	41.42	15.88	57.30	74.00	16.70	horizontal	Peak
13358.40	23.77	17.95	41.72	54.00	12.28	horizontal	Average
13358.40	41.80	17.95	59.75	74.00	14.25	horizontal	Peak
14492.40	23.76	16.75	40.51	54.00	13.49	horizontal	Average
14492.40	41.51	16.75	58.26	74.00	15.74	horizontal	Peak
15540.00	39.65	12.63	52.28	74.00	21.72	horizontal	Peak
18000.00	25.78	19.98	45.76	54.00	8.24	horizontal	Average
18000.00	43.67	19.98	63.65	74.00	10.35	horizontal	Peak

Project No.: 2407W89602E-RF  
 Test Mode: 802.11a 5260MHz  
 EUT Model: SNM927  
 Test distance: 3m

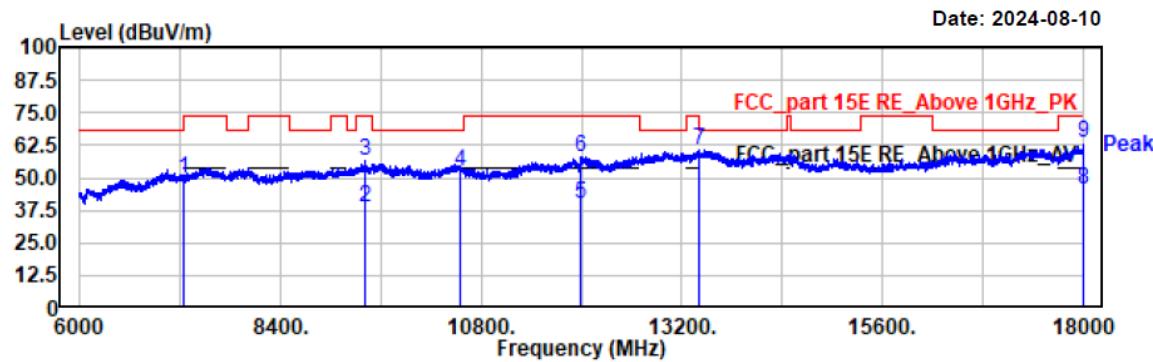
Temp/Humi/ATM: 21.3°C/51%/101.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
10520.40	39.07	13.53	52.60	68.20	15.60	vertical	Peak
12025.20	27.67	15.88	43.55	54.00	10.45	vertical	Average
12025.20	41.32	15.88	57.20	74.00	16.80	vertical	Peak
13480.80	41.37	18.33	59.70	68.20	8.50	vertical	Peak
14496.00	27.37	16.74	44.11	54.00	9.89	vertical	Average
14496.00	43.01	16.74	59.75	74.00	14.25	vertical	Peak
17419.20	41.84	17.81	59.65	68.20	8.55	vertical	Peak
18000.00	24.37	19.98	44.35	54.00	9.65	vertical	Average
18000.00	43.46	19.98	63.44	74.00	10.56	vertical	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5280MHz  
EUT Model: SNM927  
Test distance: 3m

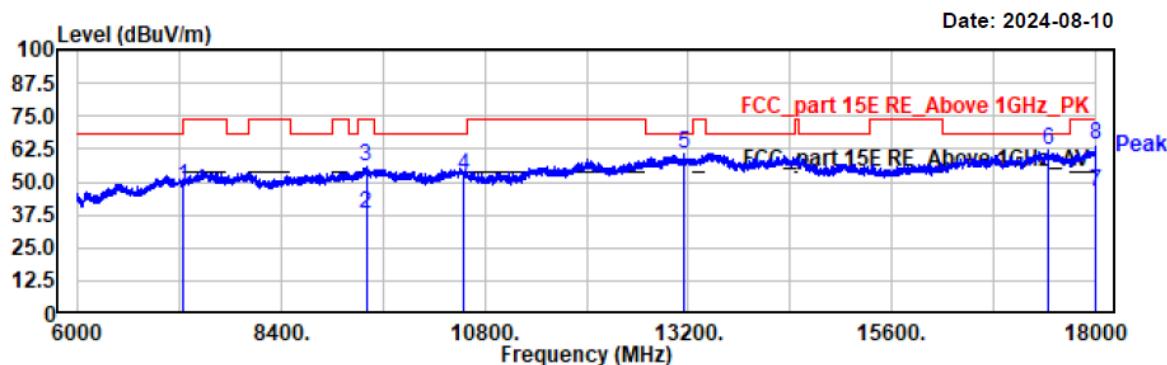
Temp/Humi/ATM: 21.3°C/51%/101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
7236.00	38.12	11.70	49.82	68.20	18.38	horizontal	Peak
9403.10	23.49	14.93	38.42	54.00	15.58	horizontal	Average
9403.10	41.54	14.93	56.47	74.00	17.53	horizontal	Peak
10560.80	37.74	14.47	52.21	68.20	15.99	horizontal	Peak
11985.40	23.09	17.06	40.15	54.00	13.85	horizontal	Average
11985.40	41.01	17.06	58.07	74.00	15.93	horizontal	Peak
13404.90	41.23	19.46	60.69	68.20	7.51	horizontal	Peak
17998.30	24.56	21.15	45.71	54.00	8.29	horizontal	Average
17998.30	42.26	21.15	63.41	74.00	10.59	horizontal	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5280MHz  
EUT Model: SNM927  
Test distance: 3m

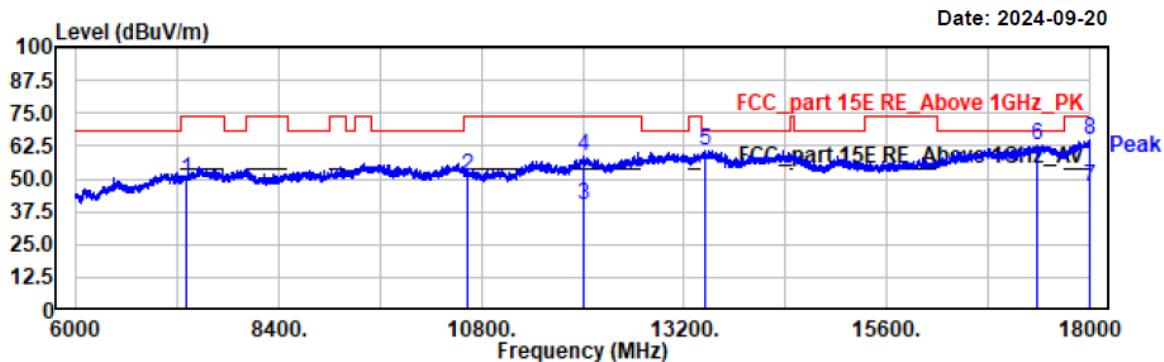
Temp/Humi/ATM: 21.3°C/51%/101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
7236.00	36.76	11.70	48.46	68.20	19.74	vertical	Peak
9401.40	22.69	14.95	37.64	54.00	16.36	vertical	Average
9401.40	40.67	14.95	55.62	74.00	18.38	vertical	Peak
10560.80	37.75	14.47	52.22	68.20	15.98	vertical	Peak
13151.60	41.39	19.34	60.73	68.20	7.47	vertical	Peak
17442.40	42.56	19.51	62.07	68.20	6.13	vertical	Peak
18000.00	25.10	21.16	46.26	54.00	7.74	vertical	Average
18000.00	43.11	21.16	64.27	74.00	9.73	vertical	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5320MHz  
EUT Model: SNM927  
Test distance: 3m

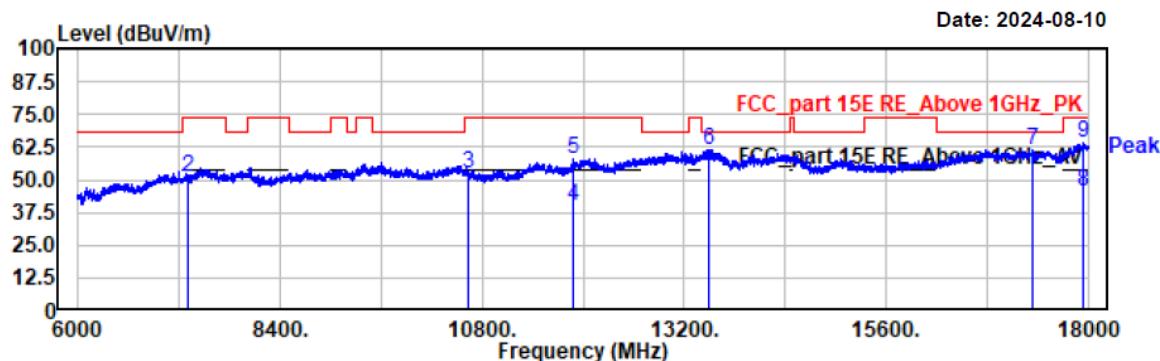
Temp/Humi/ATM: 21.3°C /51%/101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
7311.00	37.57	12.30	49.87	74.00	24.13	horizontal	Peak
10640.00	37.11	14.25	51.36	74.00	22.64	horizontal	Peak
12012.60	23.13	17.11	40.24	54.00	13.76	horizontal	Average
12012.60	41.82	17.11	58.93	74.00	15.07	horizontal	Peak
13452.50	41.46	19.48	60.94	68.20	7.26	horizontal	Peak
17371.00	43.55	19.45	63.00	68.20	5.20	horizontal	Peak
17996.60	25.61	21.15	46.76	54.00	7.24	horizontal	Average
17996.60	43.46	21.15	64.61	74.00	9.39	horizontal	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5320MHz  
EUT Model: SNM927  
Test distance: 3m

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



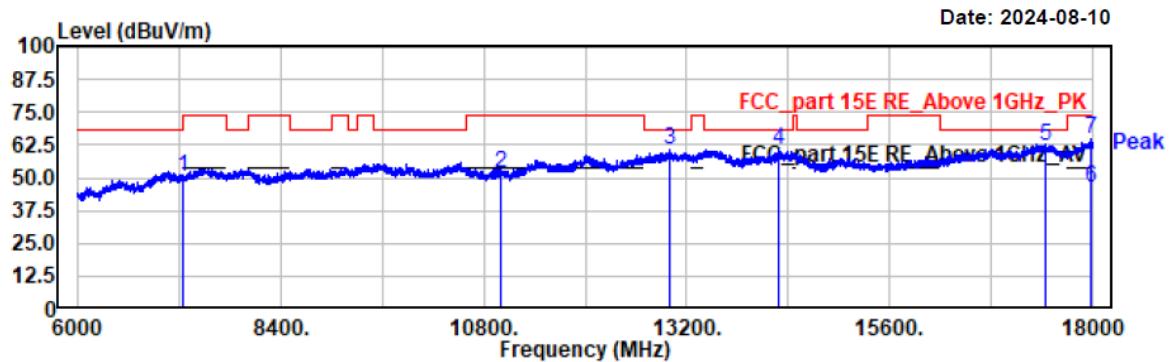
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4874.30	39.69	3.96	43.65	74.00	30.35	vertical	Peak
7311.00	38.87	12.30	51.17	74.00	22.83	vertical	Peak
10640.70	37.90	14.25	52.15	74.00	21.85	vertical	Peak
11885.10	23.56	16.64	40.20	54.00	13.80	vertical	Average
11885.10	41.16	16.64	57.80	74.00	16.20	vertical	Peak
13500.10	41.91	19.48	61.39	68.20	6.81	vertical	Peak
17338.70	41.65	19.41	61.06	68.20	7.14	vertical	Peak
17935.40	24.62	21.04	45.66	54.00	8.34	vertical	Average
17935.40	42.96	21.04	64.00	74.00	10.00	vertical	Peak

**Band 3**

After pre-scan 802.11a,802.11ac20/n20,802.11ac40/n40,802.11ac80 mode, the worst case is 802.11a.

Project No.: 2407W89602E-RF  
 Test Mode: 802.11a 5500MHz  
 EUT Model: SNM927  
 Test distance: 3m

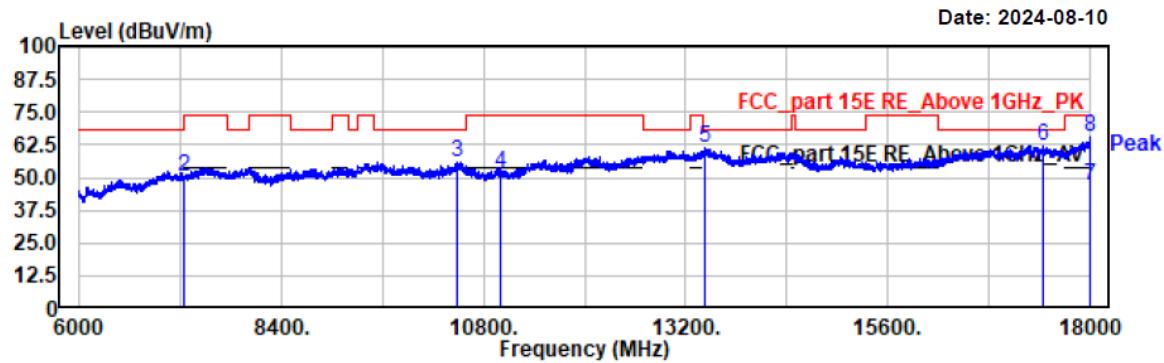
Temp/Humi/ATM: 21.3 °C / 51% / 101.1 kPa  
 Tested by: Wlif Wu  
 Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
7236.00	38.42	11.70	50.12	68.20	18.08	horizontal	Peak
11000.00	38.68	13.11	51.79	74.00	22.21	horizontal	Peak
12996.90	40.90	19.69	60.59	68.20	7.61	horizontal	Peak
14294.00	42.31	18.60	60.91	68.20	7.29	horizontal	Peak
17450.90	42.49	19.51	62.00	68.20	6.20	horizontal	Peak
17977.90	24.93	21.12	46.05	54.00	7.95	horizontal	Average
17977.90	43.60	21.12	64.72	74.00	9.28	horizontal	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5500MHz  
EUT Model: SNM927  
Test distance: 3m

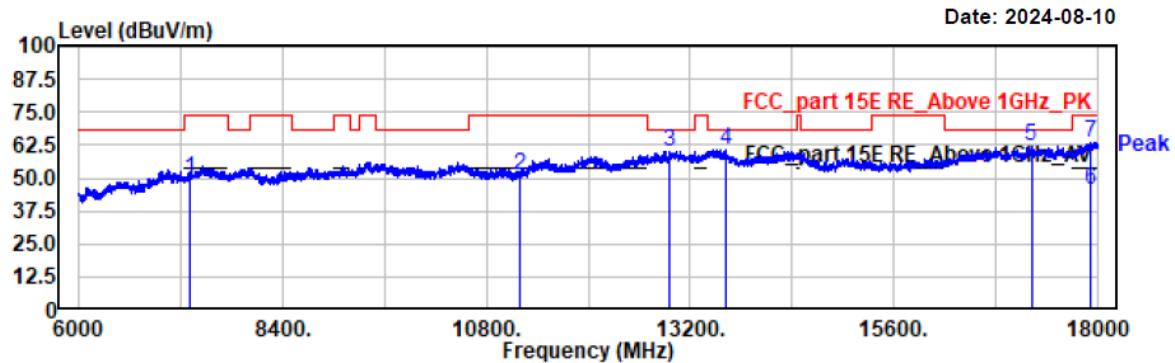
Temp/Humi/ATM: 21.3 °C / 51% / 101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4823.30	38.40	3.25	41.65	74.00	32.35	vertical	Peak
7236.00	38.52	11.70	50.22	68.20	17.98	vertical	Peak
10482.60	41.38	14.69	56.07	68.20	12.13	vertical	Peak
10999.40	38.38	13.11	51.49	74.00	22.51	vertical	Peak
13427.00	42.23	19.48	61.71	68.20	6.49	vertical	Peak
17454.30	42.36	19.51	61.87	68.20	6.33	vertical	Peak
17996.60	25.73	21.15	46.88	54.00	7.12	vertical	Average
17996.60	44.03	21.15	65.18	74.00	8.82	vertical	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5600MHz  
EUT Model: SNM927  
Test distance: 3m

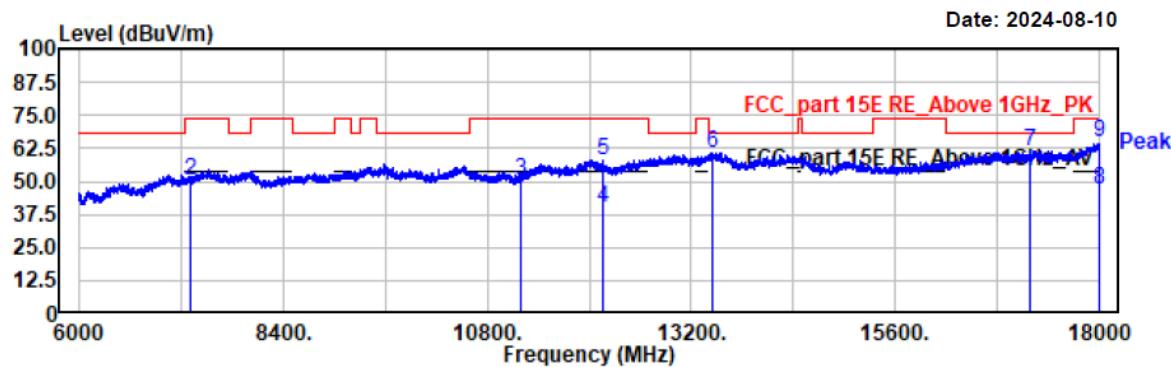
Temp/Humi/ATM: 21.3 °C / 51% / 101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
7311.00	37.66	12.30	49.96	74.00	24.04	horizontal	Peak
11200.00	36.71	14.44	51.15	74.00	22.85	horizontal	Peak
12947.60	40.83	19.35	60.18	68.20	8.02	horizontal	Peak
13617.40	42.03	18.81	60.84	68.20	7.36	horizontal	Peak
17219.70	42.85	19.01	61.86	68.20	6.34	horizontal	Peak
17918.40	24.43	21.01	45.44	54.00	8.56	horizontal	Average
17918.40	42.74	21.01	63.75	74.00	10.25	horizontal	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5600MHz  
EUT Model: SNM927  
Test distance: 3m

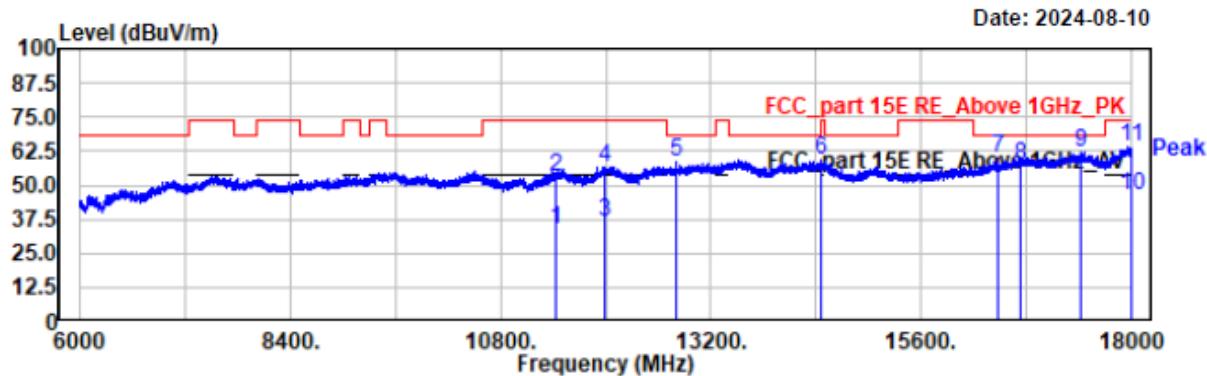
Temp/Humi/ATM: 21.3°C/51%/101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4874.30	39.97	3.96	43.93	74.00	30.07	vertical	Peak
7311.00	38.19	12.30	50.49	74.00	23.51	vertical	Peak
11200.00	36.01	14.44	50.45	74.00	23.55	vertical	Peak
12153.70	23.20	16.94	40.14	54.00	13.86	vertical	Average
12153.70	41.02	16.94	57.96	74.00	16.04	vertical	Peak
13454.20	41.53	19.47	61.00	68.20	7.20	vertical	Peak
17187.40	42.86	18.78	61.64	68.20	6.56	vertical	Peak
18000.00	25.41	21.16	46.57	54.00	7.43	vertical	Average
18000.00	43.74	21.16	64.90	74.00	9.10	vertical	Peak

Project No.: 2407W89602E-RF  
 Test Mode: 802.11a 5720MHz  
 EUT Model: SNM927  
 Test distance: 3m

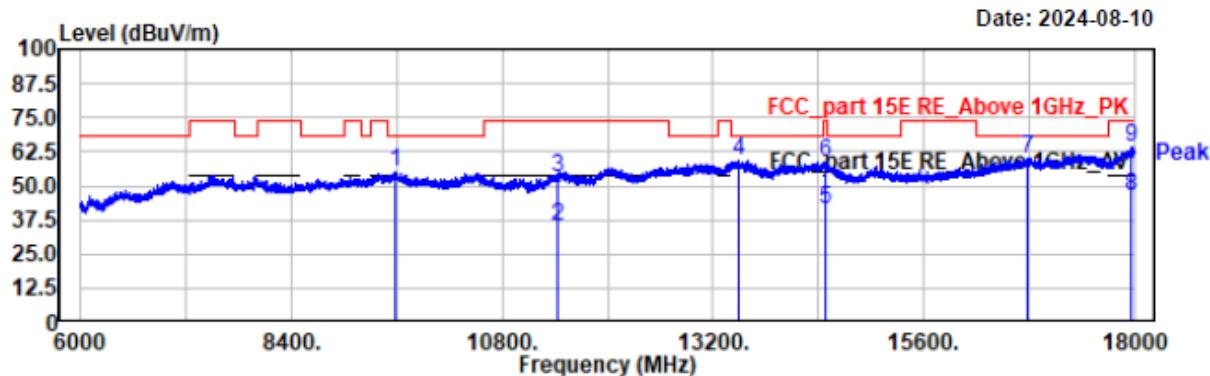
Temp/Humi/ATM: 21.3°C/51%/101.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
11440.00	19.71	14.32	34.03	54.00	19.97	horizontal	Average
11440.00	38.71	14.32	53.03	74.00	20.97	horizontal	Peak
11979.60	20.74	15.82	36.56	54.00	17.44	horizontal	Average
11979.60	41.02	15.82	56.84	74.00	17.16	horizontal	Peak
12802.80	41.61	17.08	58.69	68.20	9.51	horizontal	Peak
14467.20	42.32	16.80	59.12	68.20	9.08	horizontal	Peak
16480.80	44.47	15.50	59.97	68.20	8.23	horizontal	Peak
16740.00	40.25	17.02	57.27	68.20	10.93	horizontal	Peak
17432.40	44.25	17.80	62.05	68.20	6.15	horizontal	Peak
17998.80	26.26	19.97	46.23	54.00	7.77	horizontal	Average
17998.80	44.20	19.97	64.17	74.00	9.83	horizontal	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5720MHz  
EUT Model: SNM927  
Test distance: 3m

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



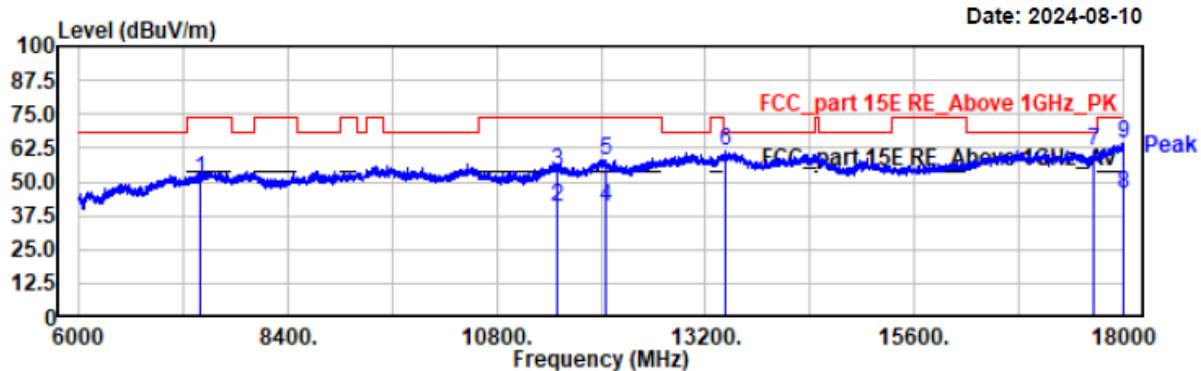
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
9594.00	41.09	13.92	55.01	68.20	13.19	vertical	Peak
11440.00	20.91	14.32	35.23	54.00	18.77	vertical	Average
11440.00	38.97	14.32	53.29	74.00	20.71	vertical	Peak
13485.60	40.77	18.35	59.12	68.20	9.08	vertical	Peak
14487.60	24.43	16.75	41.18	54.00	12.82	vertical	Average
14487.60	42.02	16.75	58.77	74.00	15.23	vertical	Peak
16785.60	42.51	17.55	60.06	68.20	8.14	vertical	Peak
17958.00	26.25	19.85	46.10	54.00	7.90	vertical	Average
17958.00	44.25	19.85	64.10	74.00	9.90	vertical	Peak

**Band 4**

After pre-scan 802.11a,802.11ac20/n20,802.11ac40/n40,802.11ac80 mode, the worst case is 802.11a.

Project No.: 2407W89602E-RF  
 Test Mode: 802.11a 5745MHz  
 EUT Model: SNM927  
 Test distance: 3m

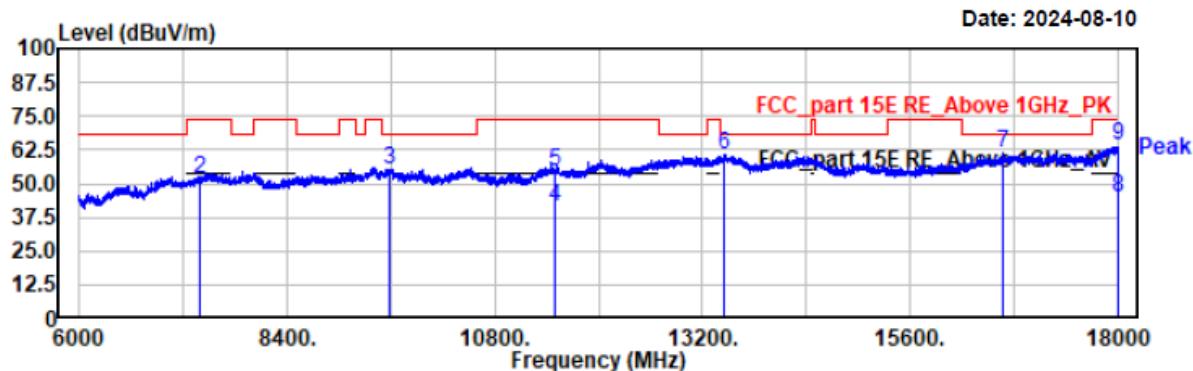
Temp/Humi/ATM: 21.3 °C /51% /101.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
7386.00	38.83	12.51	51.34	74.00	22.66	horizontal	Peak
11490.00	24.75	15.88	40.63	54.00	13.37	horizontal	Average
11490.70	38.20	15.89	54.09	74.00	19.91	horizontal	Peak
12055.10	23.38	17.07	40.45	54.00	13.55	horizontal	Average
12055.10	41.03	17.07	58.10	74.00	15.90	horizontal	Peak
13428.70	41.89	19.47	61.36	68.20	6.84	horizontal	Peak
17654.90	43.38	18.33	61.71	68.20	6.49	horizontal	Peak
17998.30	24.51	21.15	45.66	54.00	8.34	horizontal	Average
17998.30	42.95	21.15	64.10	74.00	9.90	horizontal	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5745MHz  
EUT Model: SNM927  
Test distance: 3m

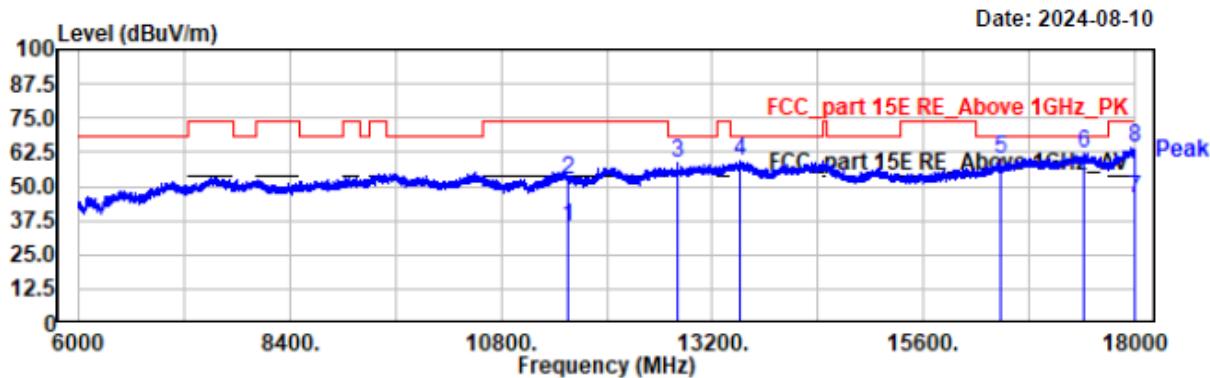
Temp/Humi/ATM: 21.3°C/51%/101.1kPa  
Tested by: Wlif Wu  
Power Source: AC120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
4923.60	40.18	4.77	44.95	74.00	29.05	vertical	Peak
7386.00	39.07	12.51	51.58	74.00	22.42	vertical	Peak
9593.50	40.34	15.08	55.42	68.20	12.78	vertical	Peak
11490.70	25.35	15.89	41.24	54.00	12.76	vertical	Average
11490.70	38.43	15.89	54.32	74.00	19.68	vertical	Peak
13449.10	41.35	19.48	60.83	68.20	7.37	vertical	Peak
16665.50	44.24	17.33	61.57	68.20	6.63	vertical	Peak
18000.00	23.82	21.16	44.98	54.00	9.02	vertical	Average
18000.00	42.68	21.16	63.84	74.00	10.16	vertical	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5785MHz  
EUT Model: SNM927  
Test distance: 3m

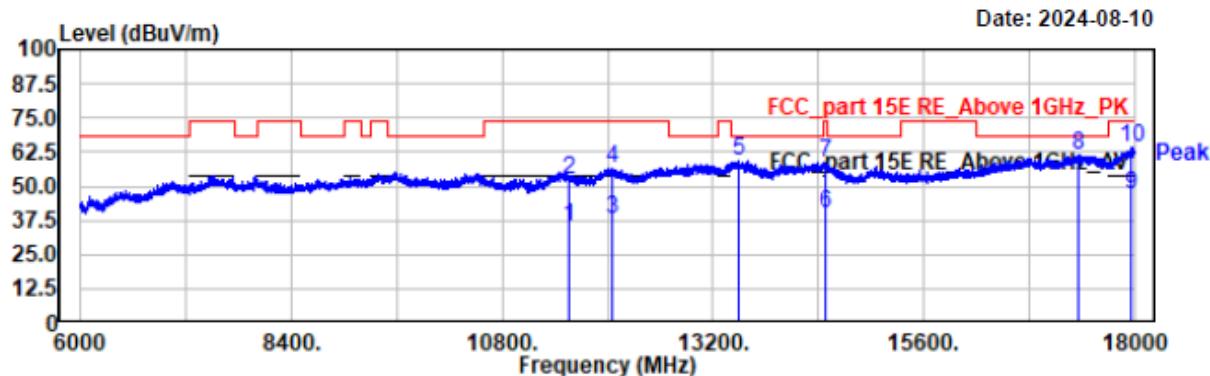
Temp/Humi/ATM: 21.3°C/51%/101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
11570.00	20.40	14.67	35.07	54.00	18.93	horizontal	Average
11570.00	37.80	14.67	52.47	74.00	21.53	horizontal	Peak
12802.80	41.61	17.08	58.69	68.20	9.51	horizontal	Peak
13509.60	40.97	18.31	59.28	68.20	8.92	horizontal	Peak
16480.80	44.47	15.50	59.97	68.20	8.23	horizontal	Peak
17432.40	44.25	17.80	62.05	68.20	6.15	horizontal	Peak
17998.80	25.37	19.97	45.34	54.00	8.66	horizontal	Average
17998.80	44.20	19.97	64.17	74.00	9.83	horizontal	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5785MHz  
EUT Model: SNM927  
Test distance: 3m

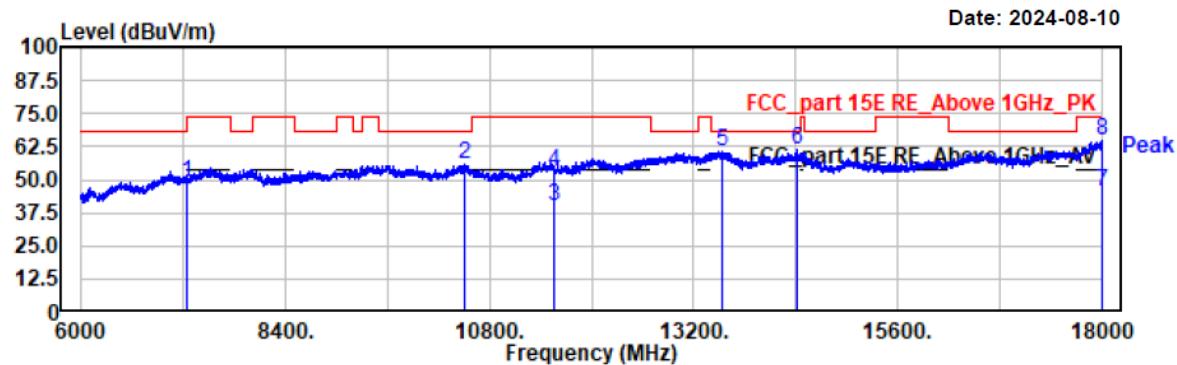
Temp/Humi/ATM: 21.3°C/51%/101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
11570.00	20.25	14.67	34.92	54.00	19.08	vertical	Average
11570.00	38.04	14.67	52.71	74.00	21.29	vertical	Peak
12050.40	22.06	15.84	37.90	54.00	16.10	vertical	Average
12050.40	40.81	15.84	56.65	74.00	17.35	vertical	Peak
13485.60	40.77	18.35	59.12	68.20	9.08	vertical	Peak
14487.60	23.42	16.75	40.17	54.00	13.83	vertical	Average
14487.60	42.02	16.75	58.77	74.00	15.23	vertical	Peak
17360.40	43.78	17.86	61.64	68.20	6.56	vertical	Peak
17958.00	27.00	19.85	46.85	54.00	7.15	vertical	Average
17958.00	44.25	19.85	64.10	74.00	9.90	vertical	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5825MHz  
EUT Model: SNM927  
Test distance: 3m

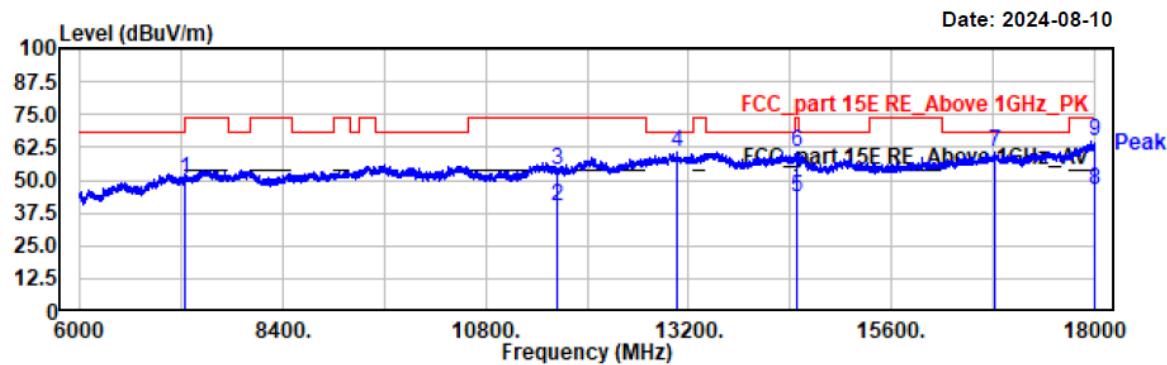
Temp/Humi/ATM: 21.3°C/51%/101.1kPa  
Tested by: Wlif Wu  
Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
7236.00	37.45	11.70	49.15	68.20	19.05	horizontal	Peak
10514.90	41.34	14.71	56.05	68.20	12.15	horizontal	Peak
11560.40	24.30	15.96	40.26	54.00	13.74	horizontal	Average
11560.40	37.04	15.96	53.00	74.00	21.00	horizontal	Peak
13535.80	41.49	19.30	60.79	68.20	7.41	horizontal	Peak
14414.70	43.17	17.94	61.11	68.20	7.09	horizontal	Peak
17996.60	24.19	21.15	45.34	54.00	8.66	horizontal	Average
17996.60	43.82	21.15	64.97	74.00	9.03	horizontal	Peak

Project No.: 2407W89602E-RF  
Test Mode: 802.11a 5825MHz  
EUT Model: SNM927  
Test distance: 3m

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



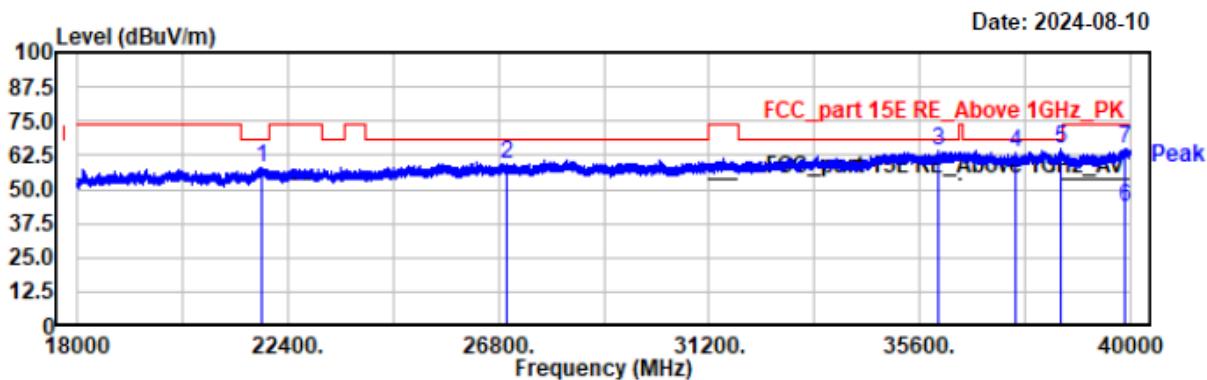
Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
7236.00	38.58	11.70	50.28	68.20	17.92	vertical	Peak
11650.50	23.86	16.16	40.02	54.00	13.98	vertical	Average
11650.50	37.47	16.16	53.63	74.00	20.37	vertical	Peak
13071.70	41.57	19.36	60.93	68.20	7.27	vertical	Peak
14472.50	25.36	17.83	43.19	54.00	10.81	vertical	Average
14472.50	43.14	17.83	60.97	74.00	13.03	vertical	Peak
16827.00	42.07	18.54	60.61	68.20	7.59	vertical	Peak
18000.00	25.33	21.16	46.49	54.00	7.51	vertical	Average
18000.00	43.53	21.16	64.69	74.00	9.31	vertical	Peak

## 5) 18GHz~40GHz (802.11a 5785MHz is the worst case)

After pre-scan 802.11a, 802.11ac20/n20, 802.11ac40/n40, 802.11ac80 mode, the worst case is 802.11a 5785MHz.

Project No.: 2407W89604E-RF  
 Test Mode: 802.11a 5785MHz  
 EUT Model: SNM927  
 Test distance: 1.5m

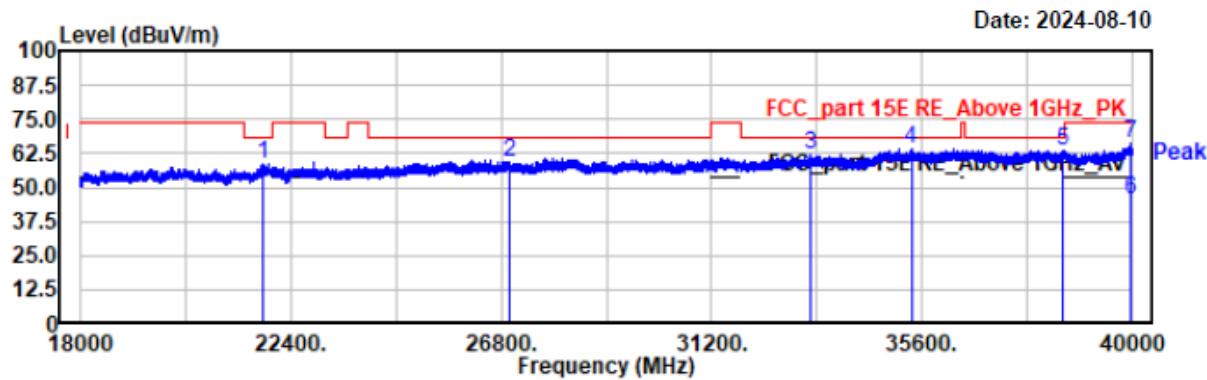
Temp/Humi/ATM: 21.3 °C/51%/101.1kPa  
 Tested by: Wlif Wu  
 Power Source: AC 120V/60Hz



Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
21850.00	38.08	19.80	57.88	68.20	10.32	horizontal	Peak
26979.30	36.33	23.14	59.47	68.20	8.73	horizontal	Peak
35986.10	38.42	25.70	64.12	68.20	4.08	horizontal	Peak
37594.30	40.04	23.73	63.77	68.20	4.43	horizontal	Peak
38560.10	41.29	23.47	64.76	68.20	3.44	horizontal	Peak
39894.40	18.52	25.10	43.62	54.00	10.38	horizontal	Average
39894.40	39.86	25.10	64.96	74.00	9.04	horizontal	Peak

Project No.: 2407W89604E-RF  
Test Mode: 802.11a 5785MHz  
EUT Model: SNM927  
Test distance: 1.5m

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
21830.20	38.83	19.80	58.63	68.20	9.57	vertical	Peak
26960.60	36.48	23.14	59.62	68.20	8.58	vertical	Peak
33280.10	38.02	24.24	62.26	68.20	5.94	vertical	Peak
35381.10	37.76	26.16	63.92	68.20	4.28	vertical	Peak
38553.50	39.96	23.49	63.45	68.20	4.75	vertical	Peak
39954.90	20.82	24.78	45.60	54.00	8.40	vertical	Average
39954.90	41.15	24.78	65.93	74.00	8.07	vertical	Peak