





Industrial Internet Innovation Center (Shanghai) Co.,Ltd. SRD TEST REPORT

PRODUCT Smart POS System

BRAND SUNMI

MODEL T6831

APPLICANT Shanghai Sunmi Technology Co.,Ltd.

FCC ID 2AH25T6831NA

IC 22621-T6831

ISSUE DATE February 26, 2025

STANDARD(S) FCC Part15E, RSS-247 Issue 3

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1. Summary of Test Report

1.1 Test Standard

No.	Test Standard	Title	Version
1	Title 47 of the Code of Federal Regulations; Chapter I Part 15 - Radio frequency devices		
2	Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices		2013

1.2 Reference Document(s)

No.	Test Standard	Title	Version
1 ANSI 63.10		Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz	
KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02		COMPLIANCE MEASUREMENT PROCEDURES FOR UNLICENSED-NATIONAL INFORMATION INFRASTRUCTURE DEVICES OPERATING IN THE 5250- 5350 MHz AND 5470-5725 MHz BANDS INCORPORATING DYNAMIC FREQUENCY SELECTION	

NOTE: The standard of KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02 has not been accredited by A2LA

1.3 Summary of Test Results

No.	Measurement Items	FCC Rules	IC Rules	Verdict
1	U-NII Detection Bandwidth	15.407(h) (2)	RSS-247 6.3	N/A
2	Initial Channel Availability Check Time	15.407(h) (2)	RSS-247 6.3	N/A
3	Radar Burst at the Beginning of the Channel Availability Check Time	15.407(h) (2)	RSS-247 6.3	N/A
4	Radar Burst at the Beginning of the Channel Availability Check Time	15.407(h) (2)	RSS-247 6.3	N/A
5	Channel Move Time	15.407(h) (2)	RSS-247 6.3	Pass
6	Channel Closing Transmission Time	15.407(h) (2)	RSS-247 6.3	Pass
7	Non- Occupancy Period	15.407(h) (2)	RSS-247 6.3	Pass
8	Statistical Performance Check	15.407(h) (2)	RSS-247 6.3	N/A
9	Uniform spreading	15.407(h) (2)	RSS-247 6.3	N/A





The T6831 manufactured by Shanghai Sunmi Technology Co.,Ltd. is a new product for testing. Industrial Internet Innovation Center (Shanghai) Co., Ltd. only performed test cases which identified with Pass/Fail/Inc result in section 1.2.

Industrial Internet Innovation Center (Shanghai) Co., Ltd. has verified that the compliance of the tested device specified in section 4 of this test report is successfully evaluated according to the procedure and test methods as defined in type certification requirement listed in section 1 of this test report.

1.4 Data Provided by Applicant

No.	Item(s)	Data
1	Antenna gain of EUT	2.6dBi

Note: The data of antenna is provided by the Antenna specification may affect the validity of the test results in this report, and the impact and consequences of this shall be undertaken by the customer.





2. General Information of The Laboratory

2.1 Testing Laboratory

Lab Name	Industrial Internet Innovation Center (Shanghai) Co.,Ltd.	
Address	Building 4, No. 766, Jingang Road, Pudong, Shanghai, China	
Telephone	021-68866880	
FCC Registration No.	708870	
FCC Designation No.	CN1364	

2.2 Laboratory Environmental Requirements

Temperature	15°C~35°C
Relative Humidity	25%RH~75%RH
Atmospheric Pressure	86kPa~106kPa

2.3 Project Information

Project Manager	Gao Hongning
Test Date	February 18, 2025 to February 25 , 2025





3. General Information of The Customer

3.1 Applicant

Company	Shanghai Sunmi Technology Co.,Ltd.	
Address	Room 505, No.388 Song Hu Road, Yang Pu District, Shanghai, China	
Telephone	18826519551	

3.2 Manufacturer

Company	Shanghai Sunmi Technology Co.,Ltd.	
Address	Room 505, No.388 Song Hu Road, Yang Pu District, Shanghai, China	
Telephone	18826519551	





4. General Information of The Product

4.1 Product Description for Equipment under Test (EUT)

Product Name	Smart POS System
Model name	T6831
Date of Receipt	S01aa /S06aa:February 18,2025
EUT ID*	S06aa/S01aa
SN/IMEI	S01aa: 860309070007616'860309070008119 S06aa: 860309070007871'860309070008374
Supported Radio Technology and Bands	WCDMA Band II/IV/V LTE Band 2/4/5/7/12/13/14/17/25/26/30/38/41/66/71 WLAN 802.11b/g/n WLAN 802.11a/n/ac BT 5.0 BR/EDR/BLE NFC GPS/GLONASS/BDS/Galileo
Hardware Version	V1.0(NA)
Software Version	V3.0.1
HVIN	T6831
FCC ID	2AH25T6831NA
IC	22621-T6831

NOTE1: EUT ID is the internal identification code of the laboratory.

NOTE2: Samples in the test report are provided by the customer. The test results are only applicable to the samples received by the laboratory.

4.2Internal Identification of AE used during the test

AE ID*	Description	Model	SN/Remark
CA01	Adapter	TPA-141A050200UU01	Shenzhen Tianyin Electronics Co., Ltd. OUTPUT: 5V 2A
CB01	Adapter	TPA-23A050200UU01	Shenzhen Tianyin Electronics Co., Ltd. OUTPUT: 5V 2A
CC01	Adapter	UC13US	Jiangsu Chenyang Electron Co., Ltd. OUTPUT: 5V 2A
UA01	AC Cable	N/A	N/A
BA01	Battery	НРРА	Guangdong Highpower New Energy Technology Co., Ltd. 2550mAH 7.7V





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AE1	RF cable	N/A	Cable loss: 1dB
	NOTE: *AF IC	is the internal identification	on code of the laboratory

4.3 Additional Information

DEC Operating Frequency Bango	U-NII-2A(5260MHz-5320MHz)
DFS Operating Frequency Range	U-NII-2C(5500MHz-5700MHz)
DFS Operating Mode	Client Without Radar Detection

Test frequency list

UNII-2A:

DVA 2004	Channel	52	56	60	64	
BW_20M	Freq. (MHz)	5260	5280	5300	5320	
DVA 40NA	Channel	5	54	62		
BW_40M	Freq. (MHz)	5270		5310		
DIAL COM	Channel	58				
BW_80M	Freq. (MHz)	529		90	2101.11	

LINII-2C:

	Channel	100	104	108	112	116	120	124	128	132	136	140
BW_20M	Freq. (MHz)	5500	5520	5540	5560	5580	5600	5620	5640	5660	5680	5700
	Channel	10	02	1:	10	13	18	12	26	13	34	
BW_40M	Freq. (MHz)	55	10	5550		5590 5630		530	5670		1	
6	Channel	106			122			131		77.00	X	
BW_80M Freq. 5530 (MHz)		11311	5610				X 3	· /				

Maximum Output Power and E.I.R.P.

Frequency Band (MHz)	Max Output Power (dBm)	Antenna Gain (dBi)	Max. e.i.r.p. (dBm)	Max. e.i.r.p. (mW)
5290	7.12	2.60	9.72	9.38
5530	6.93	2.60	9.53	8.97

Note:

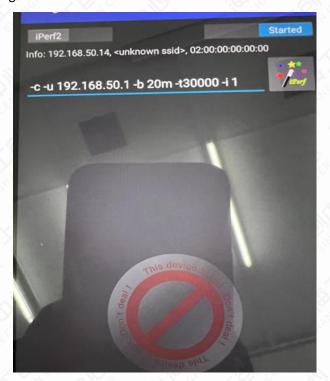
U-NII devices operating in the 5.25-5.35 GHz band and the 5.47-5.725GHz shall employ a TPC mechanism. A TPC mechanism is not required for systems with an e.i.r.p. of less than 500mW.





4.4 EUT Test RF Configuration

EUT uses iperf.apk working control emission measurement.







5. Test Configuration Information

5.1 Laboratory Environmental Conditions

5.1.1 Permanent Facilities

Relative Humidity		Min. = 45 %, Max. = 55	%
Atmospheric Pressure		101kPa	SHEET SHEET SHEET
	Normal	Minimum	Maximum
Temperature	25℃	-10°C	50 ℃
Working Voltage of	Normal	Minimum	Maximum
EUT	7.7V	6.0V	8.8V

5.2 Test Equipments Utilized

5.2.1 Conducted test system

	- 6/4/3							
N o.	Name	Model	S/N	SW Version	HW Version	Manufact urer	Cal. Date	Cal. Interv al
1	Test Software	TS1120	10671	V3.5.39	N/A	Tonscend	N/A	N/A
2	Automatic control unit	JS0806-2	2218060 621	N/A	N/A	Tonscend	2024-03- 25	N/A
3	Wireless communicati on comprehensi ve tester	CMW270	100919	V3.5.137	1206.3416 .00	R&S	2024-07- 25	1 Year
4	Spectrum An alyzer	FSQ	200063	7.01	01 (Firmwa re:V4.75 SP7 BIOS:V5.1- 22-1)	R&S	2024-09- 29	1 Year
5	Vector Signal Generator	SMU200A	104684	V03.20.2 86.21	N/A	R&S	2024-07- 25	1 Year
6	Programmabl e Power Supply	Keithley 2303	4039070	N/A	N/A	Keithley	2024-06- 07	1 Year
7	Temperature box	B-TF-107C	BTF107C	N/A	N/A	Boyi	2024-06- 07	1 Year





	()		1.11	(5)	68 8	Repor	t No: 25T04I30	0022-007
	Mark Mark		2018041 07	8 Y				S. C. L.
8	Network test unit AP	GT- AXE11000	N2IG0X4 01637K WF	N/A	N/A	ASUS	N/A	N/A
9	Vector Signal Generator	SMBV100 A	257904	V4.15.12 5.49	N/A	R&S	2024-12- 12	1 Year

Note: According to the quality management system of our laboratory, the measurement cables used for testing are calibrated every two years. The next calibration is scheduled for 2025-12-04.





5.2.2 Test Environment

Shielding Room1 (6.0 meters×3.0 meters×2.7 meters) did not exceed following limits along the conducted RF performance testing:

Temperature	Min. = 15 °C , Max. = 35 °C
Relative humidity	Min. = 20 %, Max. = 75 %
Shielding effectiveness	> 100 dB
Ground system resistance	< 0.5 Ω
Temperature	Min. = 15 °C , Max. = 35 °C

Control room did not exceed following limits along the EMC testing:

Temperature	Min. = 15 $^{\circ}$ C, Max. = 35 $^{\circ}$ C		
Relative humidity	Min. =30 %, Max. = 60 %		
Shielding effectiveness	> 100 dB		
Electrical insulation	> 10 kΩ		
Ground system resistance	< 0.5 Ω		

Fully-anechoic chamber1 (9.8 meters×6.7 meters) did not exceed following limits along the EMC testing:

Temperature	Min. = 15 $^{\circ}$ C, Max. = 35 $^{\circ}$ C
Relative humidity	Min. = 25 %, Max. = 75 %
Shielding effectiveness	> 100 dB
Electrical insulation	> 10 kΩ
Ground system resistance	< 0.5 Ω
VSWR	Between 0 and 6 dB, from 1GHz to 18GHz
Site Attenuation Deviation	Between -4 and 4 dB,30MHz to 1GHz





5.3 Measurement Uncertainty

Measurement Uncertainty of Channel Shutdown:

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor K=1.96,U=2.69dB.

Measurement Uncertainty of Conduction test

Measurement Items	Range	Confidence Level	Calculated Uncertainty
Emission Bandwidth	5150-5850MHz	95%	±1.9%
Maximum Conduct Output Power	5150-5850MHz	95%	± 1.18 dB
Power Spectral Density	5150-5850MHz	95%	±0.98 dB
Band Edge Measurements	5150-5850MHz	95%	±1.21dB
Unwanted Emissions Measurement	9kHz-40GHz	95%	9kHz-7GHz:±1.21dB 7GHz-40GHz: ±3.31dB
Frequency Stability	5150-5850MHz	95%	±1.9%
DFS	5150-5850MHz	95%	±1.17%



6. Test Requirements

6.1 DFS Technical Requirements and Radar Test Waveforms

6.1.1 DFS Overview

Table 6-1 Applicability of DFS Requirements Prior to Use of a Channel

	Operational Mode					
Requirement	N44	Client Without Radar	Client With Radar Detection			
	Master	Detection				
Non-Occupancy Period	Yes	Not required	Yes			
DFS Detection Threshold	Yes	Not required	Yes			
Channel Availability Check Time	Yes	Not required	Not required			
U-NII Detection Bandwidth	Yes	Not required	Yes			

Table 6-2 Applicability of DFS requirements during normal operation

	Operational Mode			
Requirement	Master Device or Client with	Client Without Radar		
	Radar Detection	Detection		
DFS Detection Threshold	Yes	Not required		
Channel Closing Transmission Time	Yes	Yes		
Channel Move Time	Yes	Yes		
U-NII Detection Bandwidth	Yes	Not required		

Additional requirements for devices	Master Device or Client with	Client Without Radar
with multiple bandwidth modes	Radar Detection	Detection
U-NII Detection Bandwidth	All BW modes must be tested	Not required
Statistical Performance Check	All BW modes must be tested	Not required
Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
Channel Move Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required

Note: Frequencies selected for statistical performance check should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.





6.1.2 DFS Detection Thresholds

Table 6-3 DFS Detection Thresholds for Master Devices and Client Devices with Radar Detection

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP ≥ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm

Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna.

Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.

Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.

Table 6-4 DFS Response Requirement Values

Parameter	Value		
Non-occupancy period	Minimum 30 minutes		
Channel Availability Check Time	60 seconds		
Channel Move Time	10 seconds		
Channel Move Time	See Note 1.		
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.		
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.		

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.





6.1.3 Radar Test Waveforms Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials	
0	1	1428	18	See Note 1	See Note 1	
		Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a				
1	1	Test B: 15 unique PRI values randomly selected within the range of 518-3066 µsec, with a minimum increment of 1 µsec, excluding PRI values selected in Test A	Roundup	60%	30	
2	1-5	150-230	23-29	60%	30	
3	6-10	200-500	16-18	60%	30	
4	11-20	200-500	200-500 12-16		30	
Aggregate (Ra	dar Types	1-4)	S. (0) (1)	80%	120	

Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.

Pulse Repetition Intervals Values for Test A

Pulse Repetition Frequency Number	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interva (Microseconds)	
125	1930.5	518	
2	1858.7	538	
3	1792.1	558	
4	1730.1	578	
5	1672.2	598	
6	1618.1	618	
7, 7, 7	1567.4	638	
8	1519.8	658	
9	1474.9	678	
10	1432.7	698	
11	1392.8	718	
12	1355	738	
13	1319.3	758	
14	1285.3	778	
15	1253.1	798	
16	1222.5	818	
17	1193.3	838	
18	1165.6	858	





		Report No: 25T04I300022-007
19	1139	878
20	1113.6	898
21	1089.3	918
22	1066.1	938
23	326.2	3066

The aggregate is the average of the percentage of successful detections of Short Pulse Radar Types 1-4. For example, the following table indicates how to compute the aggregate of percentage of successful detections.

Radar Type	Number of Trials	Number of Successful Detections	Minimum Percentage of Successful Detection
1	25		J - V - V - A
1	35	29	82.9%
2	30	18	60%
3	30	27	90%
4	50	44	88%

Long Pulse Radar Test Waveform

Radar Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (µsec)	Number of Pulses per Burst	Number of Bursts	Minimum Percentage of Successful Detection	Minimum Number of Trials
5	50-100	5-20	1000- 2000	1-3	8-20	80%	30

The parameters for this waveform are randomly chosen. Thirty unique waveforms are required for the Long Pulse Radar Type waveforms. If more than 30 waveforms are used for the Long Pulse Radar Type waveforms, then each additional waveform must also be unique and not repeated from the previous waveforms.

Frequency Hopping Radar Test Waveform

3.	Radar Type	Pulse Width (µsec)	PRI (µsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Number of Trials
	6	1	333	9	0.333	300	70%	30

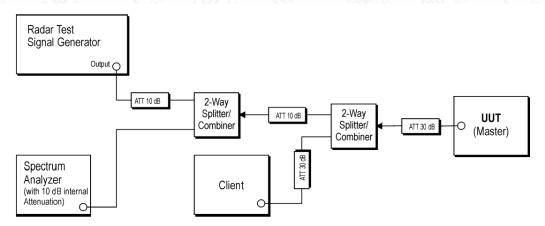
For the Frequency Hopping Radar Type, the same Burst parameters are used for each waveform. The hopping sequence is different for each waveform and a 100-length segment is selected from the hopping sequence defined by the following algorithm: The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250 – 5724 MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues until all 475 frequencies are chosen for the set. For selection of a random frequency, the frequencies remaining within the group are always treated as equally likely.





6.1.4 Set-up

Setup for Master with injection at the Master



Pic 6-6: Conducted Setup where UUT is a Master and Radar Test Waveforms are injected into the Master



7. Test Results

7.1 DFS Detection Thresholds

7.1.1 Method of Measurement

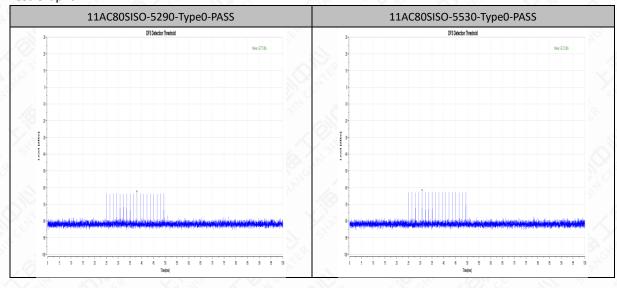
A spectrum analyzer is used to establish the test signal level for each radar type. During this process, there are no transmissions by either the Master Device or Client Device. The spectrum analyzer is switched to the zero span (time domain) mode at the frequency of the Radar Waveform generator. The peak detector function of the spectrum analyzer is utilized. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) are set to at least 3 MHz.

The signal generator amplitude and/or step attenuators are set so that the power level measured at the spectrum analyzer is equal to the DFS Detection Threshold that is required for the tests. The signal generator and attenuator settings are recorded for use during the test.

7.1.2 The Calibration is listed below

TestMode	Frequency[dbm]	Radar Type	Result	Limit[dbm]	Verdict
11AC80SISO	5290	Type0	-62.77	-59.40	PASS
11AC80SISO	5530	Type0	-62.12	-59.40	PASS

Test Graphs







7.2 In-Service Monitoring for Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period

7.2.1 Method of Measurement

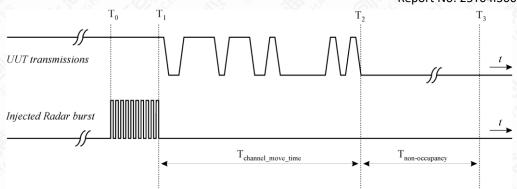
These tests define how the following DFS parameters are verified during In-Service Monitoring;

- Channel Closing Transmission Time
- Channel Move Time
- Non-Occupancy Period

The steps below define the procedure to determine the above mentioned parameters when a radar Burst with a level equal to the DFS Detection Threshold + 1dB is generated on the Operating Channel of the U-NII device (In- Service Monitoring).

- a) One frequency will be chosen from the Operating Channels of the EUT within the 5250-5350 MHz or 5470-5725 MHz bands. For 802.11 devices, the test frequency must contain control signals. This can be verified by disabling channel loading and monitoring the spectrum analyzer. If no control signals are detected, another frequency must be selected within the emission bandwidth where control signals are detected.
- b) In case the EUT is a U-NII device operating as a Client Device (with or without DFS), a U-NII device operating as a Master Device will be used to allow the EUT (Client device) to Associate wit the Master Device. In case the EUT is a Master Device, a U-NII device operating as a Client Device will be used and it is assumed that the Client will Associate with the EUT (Master). In both cases for conducted tests, the Radar Waveform generator will be connected to the Master Device. For radiated tests, the emissions of the Radar Waveform generator will be directed towards the Master Device. If the Master Device has antenna gain, the main beam of the antenna will be directed toward the radar emitter.
- c) Vertical polarization is used for testing.
- d) Stream the channel loading test file from the Master Device to the Client Device on the test Channel for the entire period of the test.
- e) At time T0 the Radar Waveform generator sends a Burst of pulses for one of the Radar Type 0 in Table 5 at levels defined in Table 3, on the Operating Channel. An additional 1 dB is added to the radar test signal to ensure it is at or above the DFS Detection Threshold, accounting for equipment variation /errors.
- f) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel for duration greater than 10 seconds. Measure and record the transmissions from the EUT during the observation time (Channel Move Time). Measure and r cord the Channel Move Time and Channel Closing Transmission Time if radar detection occurs. Figure 17 illustrates Channel Closing Transmission Time.
- g) When operating as a Master Device, monitor the EUT for more than 30 minutes following instant T2 to verify that the EUT does not resume any transmissions on this Channel. Perform this test once and record the measurement result.
- h) In case the EUT is a U-NII device operating as a Client Device with In-Service Monitoring, perform steps a) to f).





Pic 7-1: Channel Closing Transmission Time, Channel Move Time and Non-Occupancy Period

7.2.2 Limits

Channel Move Time	≤10s		
Channel Closing Transmission Time	≤200ms + 60ms (over remaining 10s period)		
Non-Occupancy Period	≥30min		

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: The Channel Closing Transmission Time is calculated by the computer.

Note 4: A port with a minimum antenna gain was selected for testing. For details, refer to the document" DFS Set-up Photo".

7.2.3 Test result of Channel Move Time and Channel Closing Transmission Time

	TestMode	Frequency[MHz]	CCTT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
	11AC80SISO	5290	200+7.8	200+60	210	10000	PASS
3	11AC80SISO	5530	200+0	200+60	195.7	10000	PASS

Note:

CCTT = 200ms + Per Bin Time * Number of T2 to T3 ON Bins;

CMT=T3-T1

*CCTT: Channel Closing Transmission Time,

*CMT: Channel Move Time,

*T0: Start of Radar signal Time,

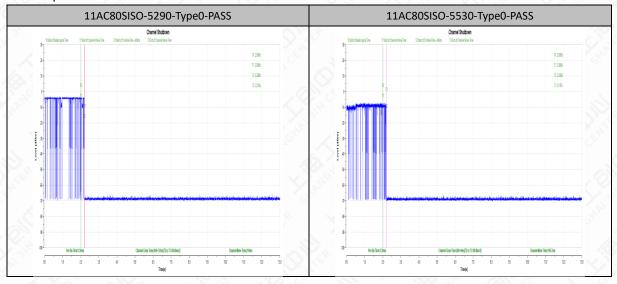
*T1: Start of channel Move Time,

*T2: Start of channel Move Time + 200ms,

*T3: End of Channel Move Time.



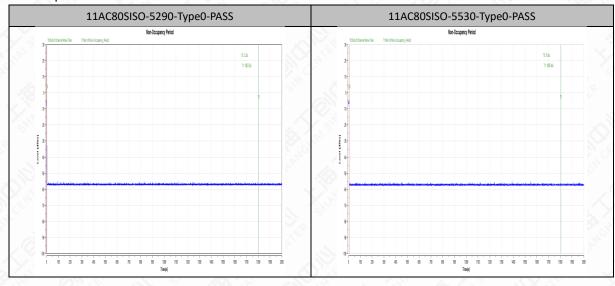
Test Graphs



7.2.4 Test result of Non-Occupancy Period

TestMode	Frequency[MHz]	Result	Limit[s]	Verdict
11AC80SISO	5290	see test graph	≥1800	PASS
11AC80SISO	5530	see test graph	≥1800	PASS

Test Graphs







Annex A: Revised History

Version	Revised Content
V0	Initial



Annex B: Accreditation Certificate



Accredited Laboratory

A2LA has accredited

INDUSTRIAL INTERNET INNOVATION CENTER (SHANGHAI) CO., LTD.

Shanghai, People's Republic of China

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017

General requirements for the competence of testing and calibration laboratories. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 20th day of September 2023.

Mr. Trace McInturff, Vice President, Accreditation Services For the Accreditation Council Certificate Number 3682.01 Valid to April 30, 2025

Revised February 24, 2025

For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.

END OF REPORT