

RADIO TEST REPORT

(FCC Part 15 Subpart E)

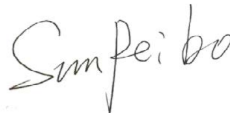
Applicant:	Xiaomi Communications Co., Ltd.
Address:	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

Manufacturer:	Xiaomi Communications Co., Ltd.
Address:	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Product:	Tablet Computer
Brand Name:	Redmi
Model Name:	25099RP13G
FCC ID:	2AFZZRP13G
Date of tests:	Jul. 28, 2025 ~ Jul. 31, 2025

The tests have been carried out according to the requirements of the following standard:

☒ **Part 15 Subpart E §15. 407**

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Prepared by Hanwen Xu Engineer / Mobile Department	Approved by Peibo Sun Manager / Mobile Department
	
Date: Jul. 31, 2025	Date: Jul. 31, 2025

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Test Report No.: PSU-QBJ2507100110RF04

REPORT REVISE RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
PSU-QBJ2507100110RF04	Original release	Jul. 31, 2025



SUMMARY OF DYNAMIC FREQUENCY SELECTION TEST

APPLIED STANDARD: FCC KDB 905462			
STANDARD SECTION	TEST ITEM	RESULT	TEST LA*
7.8.1	U-NII Detection Bandwidth	Compliance	A
7.8.2.1	Initial Channel Availability Check Time	Compliance	A
7.8.2.2	Radar Burst at the Beginning of the Channel Availability Check Time	Compliance	A
7.8.2.3	Radar Burst at the End of the Channel Availability Check Time	Compliance	A
7.8.3	In-Service Monitoring for Channel Move Time (CMT)	Compliance	A
7.8.3	In-Service Monitoring for Channel Closing Transmission Time (CCTT)	Compliance	A
7.8.3	In-Service Monitoring for Non-Occupancy Period (NOP)	Compliance	A
7.8.4	Statistical Performance Check	Compliance	A
8.1	User Access Restrictions	NA (See note)	A

Note: Manufacturer Lattestation NOT accessible to user.

*Test Lab Information Reference

Lab A:

Huarui 7Layers High Technology (Suzhou) Co., Ltd.

Lab Address:

Tower N, Innovation Center, 88 Zuyi Road, High-tech District, Suzhou City, Anhui Province, China

Accredited Test Lab Cert 6613.01

The FCC Site Registration No. is 434559; The Designation No. is CN1325.



1 GENERAL DESCRIPTION

1.1 GENERAL DESCRIPTION OF EUT

PRODUCT*	Tablet Computer
BRAND NAME*	Redmi
MODEL NAME*	25099RP13G
Power Supply*	5/3.6-11Vdc(adapter or host equipment) 3.91Vdc(Li-ion,battery)
HW Version*	135700P83
SW Version*	Xiaomi HyperOS 2.0
Modulation Technology*	1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDM
Modulation Type*	802.11a/n/ac : OFDM,OFDMA
Operating Frequency	U-NII-2A:5250~5350MHz U-NII-2C:5500~5720MHz
Antenna Type*	PIFA Antenna
Antenna Gain*	ANT 7: 0.35dBi for 5260 ~ 5320MHz -0.67dBi for 5500 ~ 5700MHz ANT 10: -0.71dBi for 5260 ~ 5320MHz -0,78dBi for 5500 ~ 5700MHz
I/O Ports*	Refer to user's manual

NOTE:

1. *Since the above data and/or information is provided by the client relevant results or conclusions of this report are only made for these data and/or information, Test Lab is not responsible for the authenticity, integrity and results of the data and information and/or the validity of the conclusion.
2. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
3. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.



1.2 MODIFICATION OF EUT

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

1.3 APPLICABLE STANDARDS

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ FCC Part 15 Subpart E §15.407
- ♦ FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02
- ♦ FCC KDB 905462 D03 UNII Clients Without Radar Detection New Rules v01r02
- ♦ The FCC Site Registration No. is 434559; The Designation No. is CN1325.



2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST

2.1 CARRIER FREQUENCY AND CHANNEL

U-NII-2A

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
52	5260 MHz	60	5300 MHz
54	5270 MHz	62	5310 MHz
56	5280 MHz	64	5320 MHz

U-NII-2C

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
100	5500 MHz	112	5560 MHz
102	5510 MHz	116	5580 MHz
104	5520 MHz	132	5660 MHz
108	5540 MHz	134	5670 MHz
110	5550 MHz	136	5680 MHz
144	5720 MHz	140	5700 MHz

TDWR

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
118	5590 MHz	124	5620 MHz
120	5600 MHz	126	5630 MHz



2.2 TEST MODE

Additional requirements for devices with multiple bandwidth modes	Master Device or Client with Radar Detection	Client Without Radar Detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission 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 (Section 7.8.4) 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.		

2.3 SUPPORT EQUIPMENT

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Wireless Router	ASUS	RT-AX88U	MSQ-RTAXHP00	N/A	Unshielded, 1.8 m
2.	Notebook	Lenovo	Xiaoxinchao5000	FCC sDoC	N/A	shielded cable DC O/P 1.8 m unshielded AC I/P cable 1.2 m

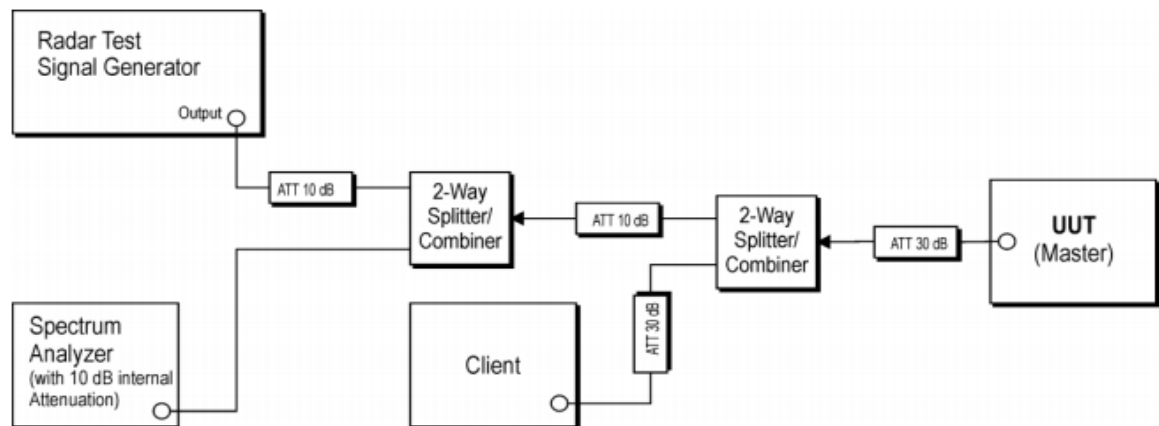
2.4 TEST TOOL SOFTWARE VERSION

Item	Trade Name	Model Name	FW Version
1.	Tonscend	JS1120-3	3.2.06

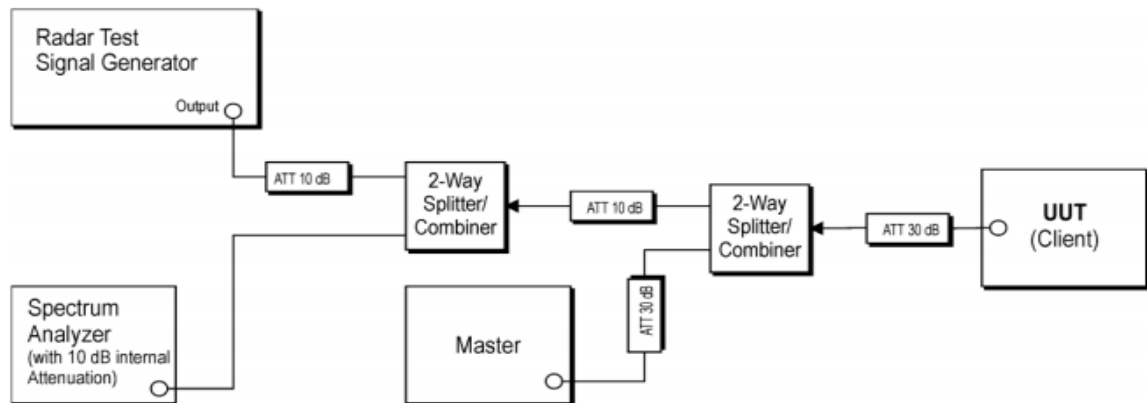


2.5 TEST SETUP

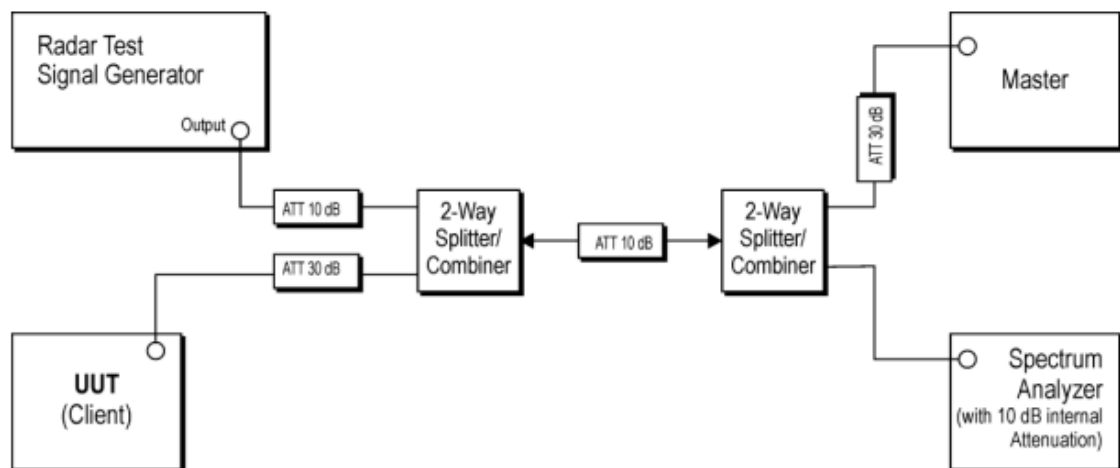
Master Modes



Client with injection at the Client Modes



Client with injection at the Master Modes



2.6 EUT MAXIMUM E.I.R.P. POWER

SISO Mode:

802.11a

Frequency Band (MHz)	Max. EIRP	
	Output EIRP (dBm)	Output EIRP (mw)
5250~5350	22.27	88.31
5470~5725	22.04	82.41

MIMO Mode:

802.11n20

Frequency Band (MHz)	Max. EIRP	
	Output EIRP (dBm)	Output EIRP (mw)
5250~5350	21.01	66.07
5470~5725	20.72	60.81

802.11n40

Frequency Band (MHz)	Max. EIRP	
	Output EIRP (dBm)	Output EIRP (mw)
5250~5350	20.72	61.80
5470~5725	20.40	56.49

802.11ac80

Frequency Band (MHz)	Max. EIRP	
	Output EIRP (dBm)	Output EIRP (mw)
5250~5350	19.57	47.42
5470~5725	19.33	44.16

802.11ac160

Frequency Band (MHz)	Max. EIRP	
	Output EIRP (dBm)	Output EIRP (mw)
5470~5725	18.54	36.81



802.11ax20

Frequency Band (MHz)	Max. EIRP	
	Output EIRP (dBm)	Output EIRP (mw)
5250~5350	21.27	70.15
5470~5725	20.99	64.71

802.11ax40

Frequency Band (MHz)	Max. EIRP	
	Output EIRP (dBm)	Output EIRP (mw)
5250~5350	20.52	50.02
5470~5725	20.19	17.31

802.11ax80

Frequency Band (MHz)	Max. EIRP	
	Output EIRP (dBm)	Output EIRP (mw)
5250~5350	19.54	47.10
5470~5725	19.27	43.55

802.11ax160

Frequency Band (MHz)	Max. EIRP	
	Output EIRP (dBm)	Output EIRP (mw)
5470~5725	18.59	37.24

Note: The ANTENNA REQUIREMENTS Please Refer to Report: PSU-QBJ2507100110RF02



2.7 TRANSMIT POWER CONTROL (TPC)

U-NII devices operating in the 5.25-5.35 GHz band and the 5.47-5.725 GHz band shall employ a TPC mechanism. The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm. A TPC mechanism is not required for systems with an e.i.r.p. of less than 500 mW.

Maximum EIRP of this device is 640.27mW which greater than 500mW, therefore it's required TPC function.

The UUT can adjust a transmitter's output power based on the signal level present at the receiver. TPC is auto controlled by software



2.8 DFS DETECTION THRESHOLDS FOR MASTER DEVICES AND CLIENT DEVICES WITH RADAR DETECTION

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP $\geq$ 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.	

The radar Detection Threshold, lowest antenna gain is the parameter of Interference radar DFS detection threshold, The UNII-2A and UNII-2C Interference Detection Threshold is the (-62dBm) + (3.5) [dBi] + 1dBm = -57.5 dBm and (-64dBm) + (3.5) [dBi] + 1dBm = -59.5 dBm.



3 REQUIREMENTS AND PARAMETERS FOR DFS TEST

3.1 APPLICABILITY OF DFS REQUIREMENTS

EUT is client and operates as client without radar detection function.

Table 1: Applicability of DFS Requirements Prior to Use of a Channel

Requirement	Operational Mode		
	Master	Client Without Radar Detection	Client With Radar 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 2: Applicability of DFS requirements during normal operation

Requirement	Operational Mode		
	Master	Client Without Radar Detection	Client With Radar Detection
DFS Detection Threshold	Yes	Not required	Yes
Channel Closing Transmission Time	Yes	Yes	Yes
Channel Move Time	Yes	Yes	Yes
U-NII Detection Bandwidth	Yes	Not required	Yes
Client Beacon Test	N/A	Yes	Yes



Additional requirements for devices with multiple bandwidth modes	Operational Mode	
	Master or Client With Radar Detection	Client Without Radar Detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission 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.		



3.2 DFS RESPONSE REQUIREMENT VALUES

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

Note 1: The instant that the *Channel Move Time* and the *Channel Closing Transmission Time* begins is as follows:

- For the Short pulse radar Test Signals this instant is the end of the *Burst*.
- For the Frequency Hopping radar Test Signal, this instant is the end of the last radar *Burst* generated.
- For the Long Pulse radar Test Signal this instant is the end of the 12 second period defining the radar transmission.

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* changes (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 is used and for each frequency step the minimum percentage of detection is 90%. Measurements are performed with no data traffic.



3.3 SHORT PULSE RADAR TEST WAVEFORMS

As the EUT is a Client Device with no Radar Detection, only one type of radar pulse is required for the testing. Radar Pulse type 0 was used in the evaluation of the Client device for the purpose of measuring the Channel Move Time and the Channel Closing Transmission Time.

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Trials
0	1	1428	18	60%	30
1	1	Test A Test B	$\text{Roundup} \left\{ \left(\frac{1}{360} \right) \cdot \left(\frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$	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	12-16	60%	30
Aggregate (Radar Types 1-4)				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.					

Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a

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

A minimum of 30 unique waveforms are required for each of the short pulse radar types 2 through 4. For short pulse radar type 1, the same waveform is used a minimum of 30 times. If more than 30 waveforms are used for short pulse radar types 2 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms.

If more than 30 waveforms are used for Short Pulse Radar Type 1, then each additional waveform is generated with Test B and must also be unique and not repeated from the previous waveforms in Tests A or B.

The aggregate is the average of the percentage of successful detections of short pulse radar types 1-4.



3.4 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.

3.5 FREQUENCY HOPPING RADAR TEST WAVEFORM

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.



4 CALIBRATION SETUP AND DFS TEST RESULTS

4.1 CALIBRATION OF RADAR WAVEFORM

4.1.1 RADAR WAVEFORM CALIBRATION PROCEDURE

The U-NII-2A and U-NII-2C Interference **Radar Detection Threshold Level** is $(-62\text{dBm}) + (3.5) [\text{dBi}] + 1\text{dBm} = -57.5\text{dBm}$ and $(-64\text{dBm}) + (3.5) [\text{dBi}] + 1\text{dBm} = -59.5\text{dBm}$ that had been considered the output power range and antenna gain. The following equipment setup was used to calibrate the radiated Radar Waveform. A vector signal generator was utilized to establish the test signal level for radar type 0. During this process there were no transmissions by either the Master or Client Device. The spectrum analyzer was switched to the zero span (Time Domain) at the frequency of the Radar Waveform generator. Peak detection was used. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) were set to 3 MHz to measure the type 0 radar waveform. Capture the spectrum analyzer plots on short pulse radar waveform.

4.1.2 RADAR WAVEFORM CALIBRATION RESULT

Please Refer to Appendix Of this test report.



4.2 CHANNEL AVAILABILITY CHECK TIME

4.2.1 LIMIT OF CHANNEL AVAILABILITY CHECK TIME

The EUT shall perform a Channel Availability Check to ensure that there is no radar operating on the channel. After power-up sequence, receive at least 1 minute (60 sec) on the intended operating frequency.

4.2.2 TEST PROCEDURES

1. The Initial Channel Availability Check Time. The EUT does not emit beacon, control, or data signals on the test Channel until the power-up sequence has been completed and the UNII device checks for Radar Waveforms for one minute on the test Channel. This test does not use any Radar Waveforms.
2. The radar burst at the beginning of the channel availability check verifies that the selected channel radar detection is successful and records data for a period equal to the start time of the channel availability check time.
3. The radar burst at the end of the channel availability check verifies whether the radar detection of the selected channel is successful and records the data when it is equal to the channel availability check time.

4.2.3 RESULT OF CHANNEL LOADING AND CHANNEL AVAILABILITY CHECK TIME

Please Refer to Appendix Of this test report.



4.3 IN-SERVICE MONITORING: CHANNEL MOVE TIME, CHANNEL CLOSING TRANSMISSION TIME AND NON-OCCUPANCY PERIOD

4.3.1 LIMIT OF IN-SERVICE MONITORING

The EUT has In-Service Monitoring function to continuously monitor the radar signals, If radar is detected, it must leave the channel (Shutdown). The Channel Move Time to cease all transmissions on the current Channel upon detection of a Radar Waveform above the DFS Detection Threshold within 10 sec. The total duration of 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 changes (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.

Non-Occupancy Period time is 30 minutes during which a Channel will not be utilized after a Radar Waveform is detected on that Channel. The non-associated Client Beacon Test is during the 30 minutes observation time. The EUT should not make any transmissions in the DFS band after EUT power up.



4.3.2 TEST PROCEDURES

1. The radar pulse generator is setup to provide a pulse at frequency that the Master and Client are operating. A type 0 radar pulse with a 1us pulse width and a 1428 us PRI is used for the testing.
2. The vector signal generator is adjusted to provide the radar burst (18 pulses) at a level of approximately -62dBm at the antenna of the Master device.
3. A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
4. A U-NII device operating as a Client Device will associate with the Master at Channel. The MPEG file "TestFile.mpg" specified by the FCC is streamed from the "file computer" through the Master to the Client Device and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
5. 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. At time T0 the Radar Waveform generator sends a Burst of pulse of the radar waveform at Detection Threshold + 1dB.
6. Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the EUT during the observation time (Channel Move Time). One 12 seconds plot is reported for the Short Pulse Radar Types 1. The plot for the Short Pulse Radar Types starts at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
7. Measurement of the aggregate duration of the Channel Closing Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: **Dwell (0.4ms) = S (12000ms) / B (30000)**; where Dwell is the dwell time per spectrum analyzer sampling bin, S is the sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: **C (ms) = N X Dwell (0.4 ms)**; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
8. Measure the EUT for more than 30 minutes following the channel move time to verify that no transmissions or beacons occur on this Channel.



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4.3.3 RESULT OF CHANNEL MOVE TIME, CHANNEL CLOSING TRANSMISSION TIME AND NON-OCCUPANCY PERIOD FOR CLIENT BEACON TEST

Please Refer to Appendix Of this test report.



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4.3.4 CHANNEL MOVE TIME, CHANNEL CLOSING TRANSMISSION TIME AND NON-OCCUPANCY PERIOD FOR CLIENT BEACON TEST PLOTS

Please Refer to Appendix Of this test report.



4.4 U-NII DETECTION BANDWIDTH

4.4.1 LIMIT OF U-NII DETECTION BANDWIDTH

Channel Bandwidth (MHz)	20	40
99% Occupied Bandwidth (MHz)	17.961	36.305
UNII Detection Bandwidth Min. Limit (MHz)	18	37

4.4.2 TEST PROCEDURES

1. Start measuring when there is no data in the EUT, with 0-type radar, for each occupied channel bandwidth, it should be detected by the test device U-NII with a minimum detection percentage of 90%.
2. The radar frequency is gradually increased according to 1 to 5MH, repeat the test, and record the detection rate of each test
3. The maximum frequency with detection rate greater than or equal to 90% is denoted as F_H , the lowest frequency with detection rate greater than or equal to 90% is denoted as F_L , and U-NII detection bandwidth = $F_H - F_L$.

4.4.3 RESULT OF U-NII DETECTION BANDWIDTH

Please Refer to Appendix Of this test report.



4.5 STATISTICAL PERFORMANCE CHECK

4.5.1 LIMIT OF STATISTICAL PERFORMANCE CHECK

Radar Type	1	2	3	4	1-4	5	6
LIMIT:Minimum(Pd)	60%	60%	60%	60%	80%	80%	70%
MinimumTrials	30	30	30	30	120	30	30

The percentage of successful detection is calculated by:

$$\frac{\text{Total Waveform Detections}}{\text{Total Waveform Trails}} \times 100 = \text{Probability of Detection Radar Waveform}$$

In addition, an aggregate minimum percentage of successful detection across all Short Pulse Radar Types 1-4 is required and is calculated as follows:

$$\frac{\text{Pd1} + \text{Pd2} + \text{Pd3} + \text{Pd4}}{4}$$

4.5.2 TEST PROCEDURES

1. Select the test to specify the channel frequency and start the test. Result should be that the minimum channel load is greater than 17% of the test.
2. In the 1-4 and 6 short-pulse radar tests, observe the transmission of EUT at the end of the burst of the operating channel, 30 times for each group of types, each test time is not less than 10 seconds, and the test results are statistically recorded.
3. The test time of the Type 5 long-pulse radar should not be less than 22 seconds, and the test results will be statistically recorded.

4.5.3 RESULT OF STATISTICAL PERFORMANCE CHECK

Please Refer to Appendix Of this test report.



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VERITAS

Test Report No.: PSU-QBJ2507100110RF04

5 LIST OF MEASURING EQUIPMENT

Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Due Date	Remark
Open Switch and Control Unit	Rohde&Schwarz	OSP-B157W8	100836	Mar.29,24	Mar.28,26	Conducted
Vector Signal Source	Rohde&Schwarz	SMW200A	110963	Oct. 07,23	Oct. 06,25	Conducted
Signal &Spectrum Analyzer	Rohde&Schwarz	FSV3044	101340	Jun. 11,25	Jun. 10,27	Conducted
Signal Source	Rohde&Schwarz	SMB100A	183313	Oct. 07,23	Oct. 06,25	Conducted
Test Software	Rohde&Schwarz	EMC32	N/A	N/A	N/A	Conducted



6 APPENDIX

Channel Move Time and Channel Closing Transmission Time

Test Result

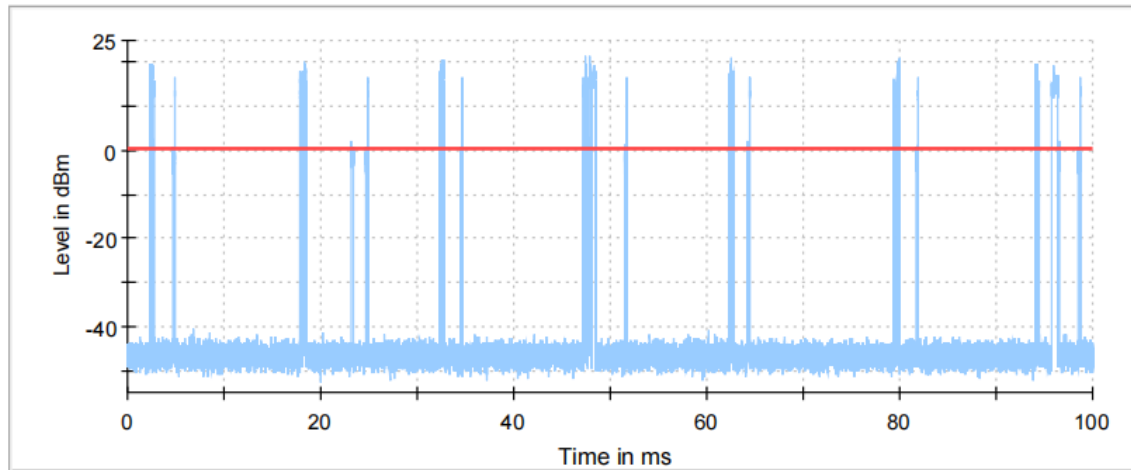
TestMode	Frequency[MHz]	CCTT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11A20	5320	6.680	200+60	870.000	10000	PASS
11AC80	5290	0.000	200+60	0.000	10000	PASS
	5530	0.000	200+60	0.000	10000	PASS



Test Graphs

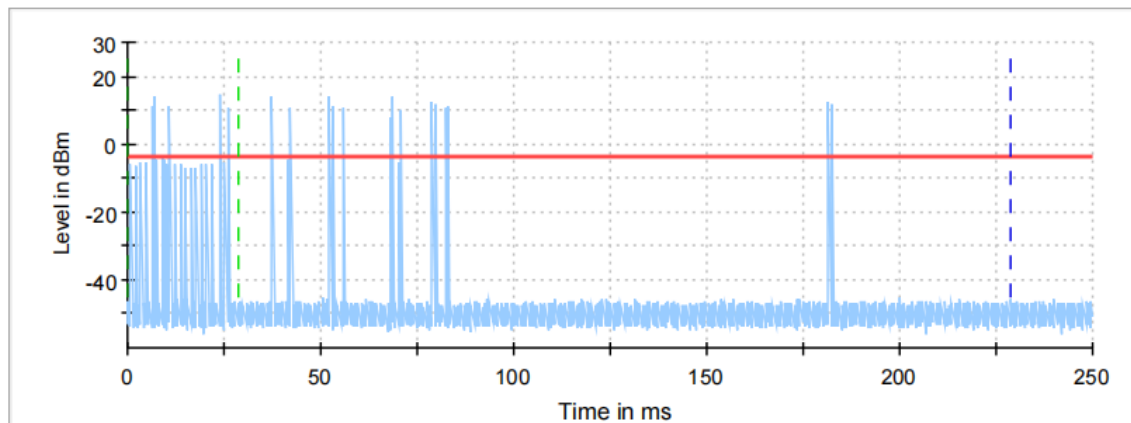
11A20_5320

Transmitt Test Sweep



— Transmitt Test Sweep — Threshold

Channel Move Time first 200ms

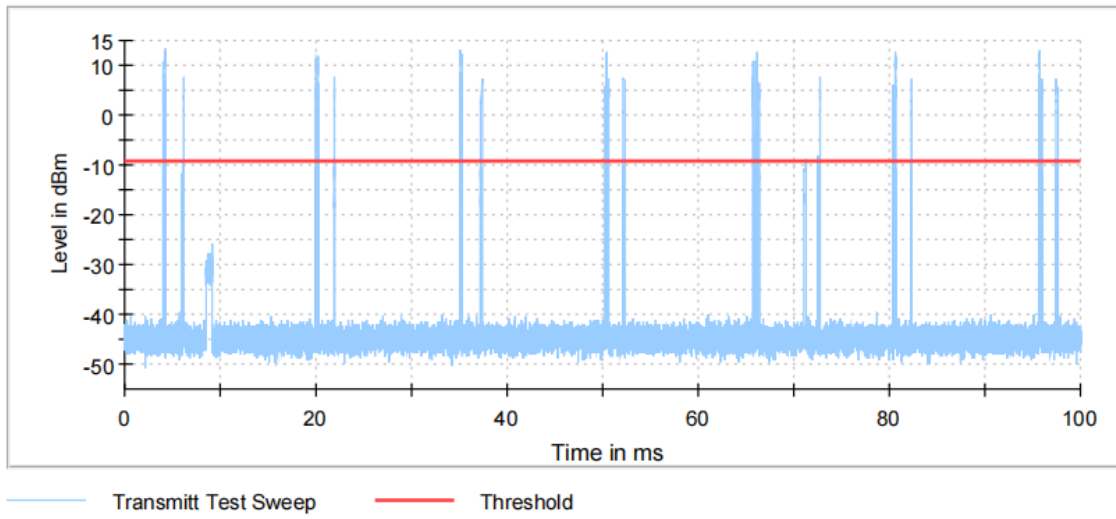


— Channel Move Time first 200ms — Threshold
- - - Start of Radar - - - Trigger at end of Radar
- - - First 200ms of Channel Closing Tx Time

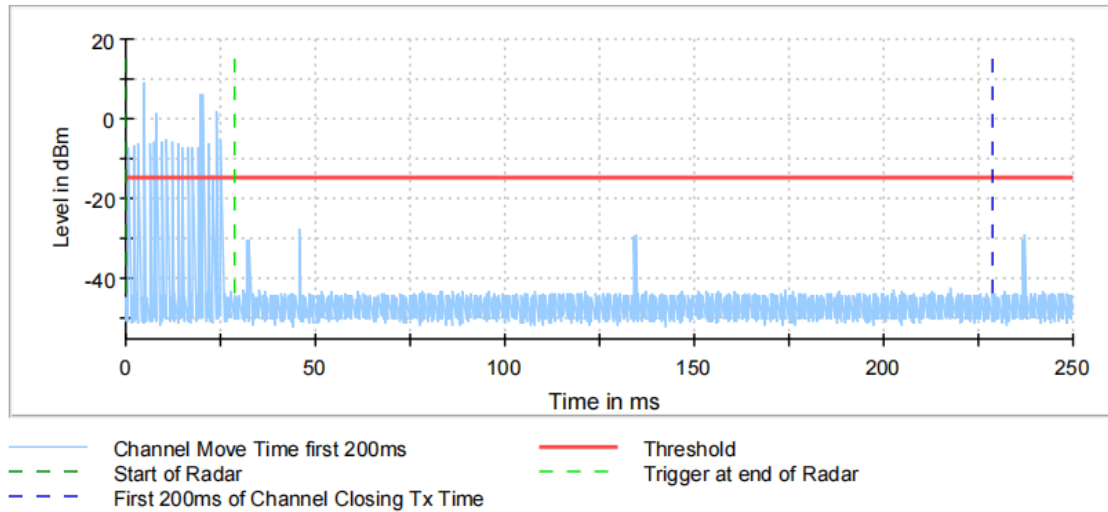
11AC80_5290



Transmitt Test Sweep



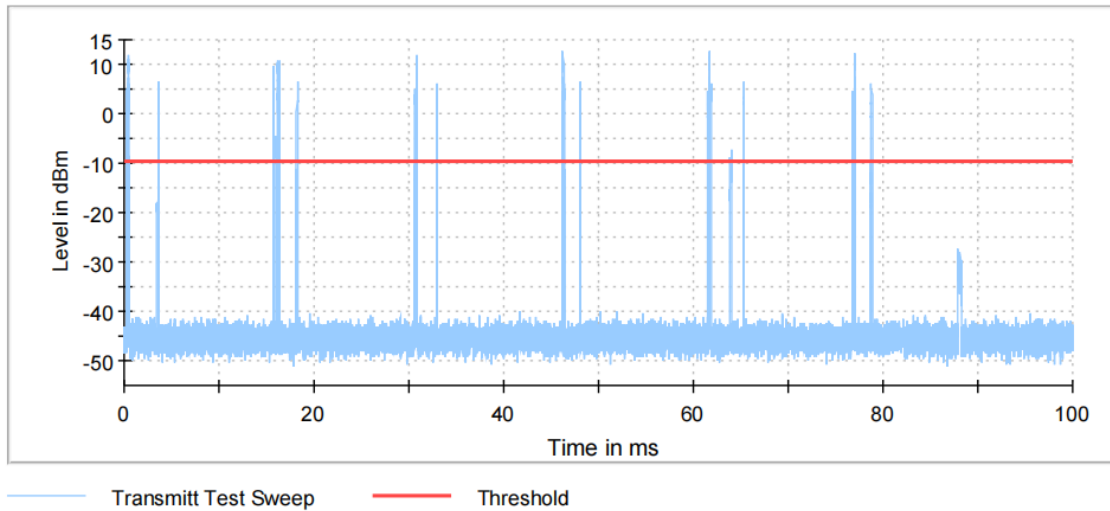
Channel Move Time first 200ms



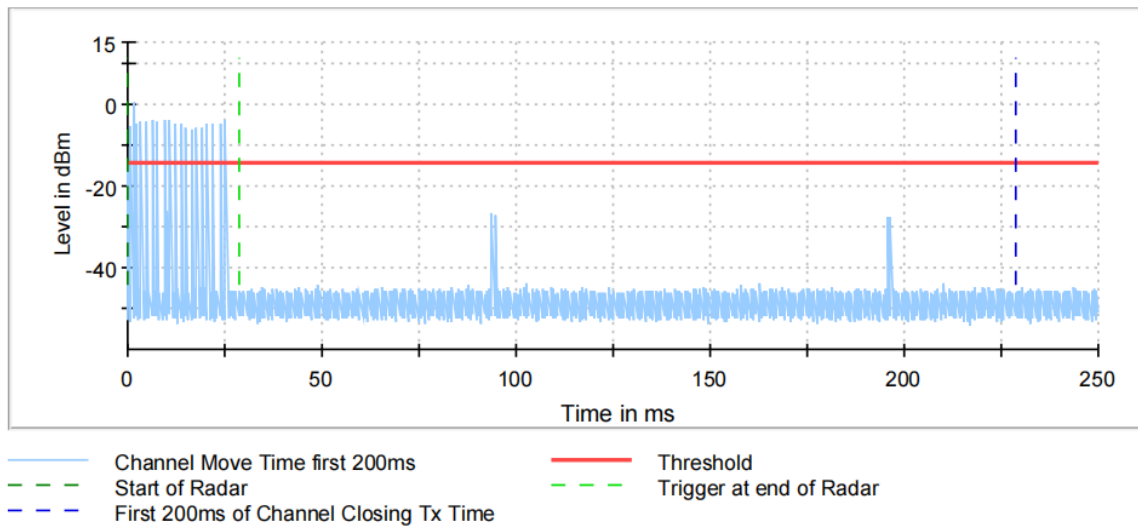
11AC80_5530



Transmitt Test Sweep



Channel Move Time first 200ms





Non-Occupancy Period

Test Result

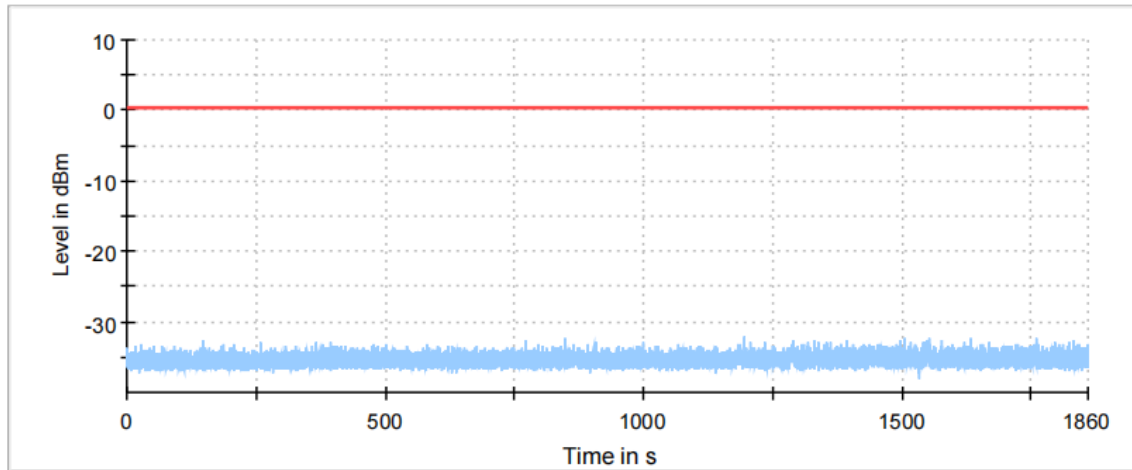
TestMode	Frequency[MHz]	Result	Limit[s]	Verdict
11A20	5320	see test graph	≥1800	PASS
11AC80	5290	see test graph	≥1800	PASS
	5530	see test graph	≥1800	PASS



Test Graphs

11A20_5320

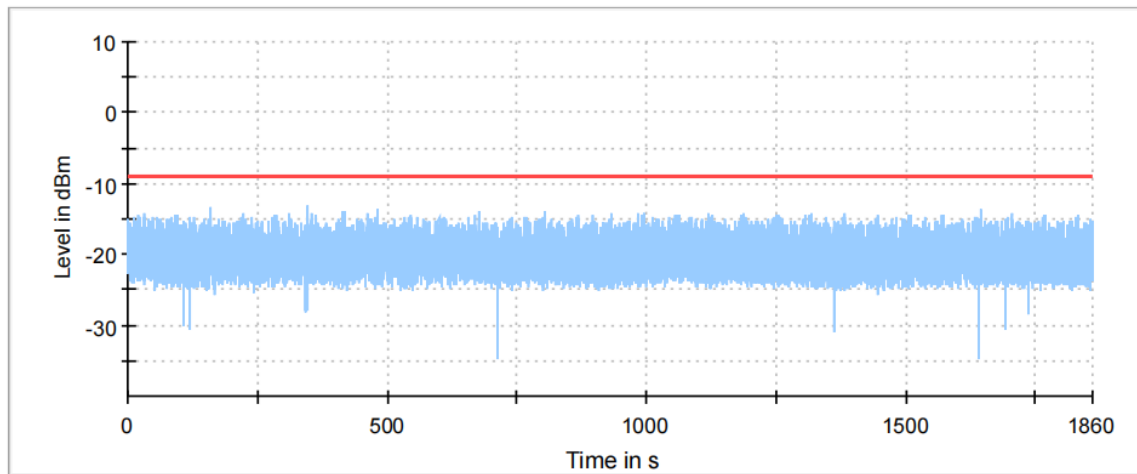
Non-occupancy period



— Non-occupancy period — Threshold

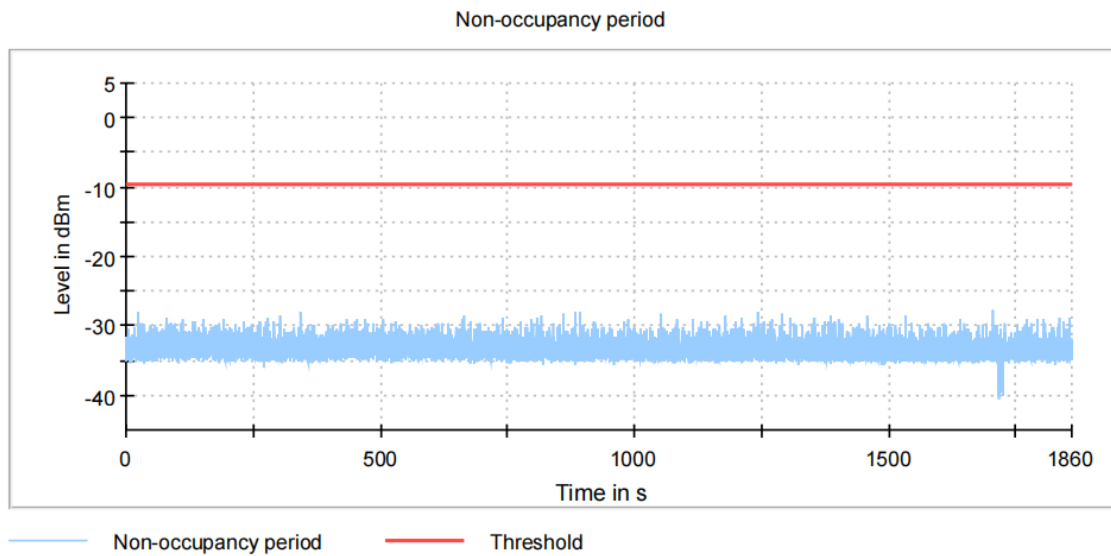
11AC80_5290

Non-occupancy period



— Non-occupancy period — Threshold

11AC80_5530



--END--