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Test Report No			-			
Testing laboratory: SHENZHEN TONGCE TESTING LAB 2101 & 2201, Zhenchang Factory Renshan Industrial Zone, Fuha Subdistrict, Bao'an District, Shenzhen, Guangdong, 518103, People's Republic of China Applicant's name: MeiG Smart Technology Co., Ltd Address: 2nd Floor, Office Building, No.5 Lingxia Road, Fenghuang, Fuyong Street, Bao'an District, shenzhen, China Manufacturer's name: MeiG Smart Technology Co., Ltd Address: 2nd Floor, Office Building, No.5 Lingxia Road, Fenghuang, Fuyong Street, Bao'an District, shenzhen, China 47 CFR FCC Part 15.407 KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02 KDB 905462 D03 UNII Clients Without Radar Detection New Rules v01r02 Product Name: Smart module Trade Mark: MEIGLink Model/Type reference: SLM550 Rating(s): DC 3.8V Date of receipt of test item Jul. 14, 2022 Date (s) of performance of test	FCC ID:	2APJ4-SLM550				
Testing laboratory: SHENZHEN TONGCE TESTING LAB 2101 & 2201, Zhenchang Factory Renshan Industrial Zone, Fuha Subdistrict, Bao'an District, Shenzhen, Guangdong, 518103, People's Republic of China Applicant's name: MeiG Smart Technology Co., Ltd Address: 2nd Floor, Office Building, No.5 Lingxia Road, Fenghuang, Fuyong Street, Bao'an District, shenzhen, China Manufacturer's name: MeiG Smart Technology Co., Ltd Address: 2nd Floor, Office Building, No.5 Lingxia Road, Fenghuang, Fuyong Street, Bao'an District, shenzhen, China 47 CFR FCC Part 15.407 KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02 KDB 905462 D03 UNII Clients Without Radar Detection New Rules v01 KDB 905462 D03 UNII Clients Without Radar Detection New Rules v01 Frade Mark: MEIGLink Model/Type reference: SLM550 Rating(s): DC 3.8V Date of receipt of test item Jul. 14, 2022 - Aug. 02, 2022 Tested by (+signature): Rleo LIU Check by (+signature): Rleo LIU Check by (+signature): Beryl ZHAO	Test Report No::	TCT220714E036	CT220714E036			
Testing location/ address: Subdistrict, Bao'an District, Shenzhen, Guangdong, 518103, People's Republic of China Applicant's name: MeiG Smart Technology Co., Ltd Address: Znd Floor, Office Building, No.5 Lingxia Road, Fenghuang, Fuyong Street, Bao'an District, shenzhen, China Manufacturer's name: MeiG Smart Technology Co., Ltd Address: Znd Floor, Office Building, No.5 Lingxia Road, Fenghuang, Fuyong Street, Bao'an District, shenzhen, China 47 CFR FCC Part 15.407 KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02 KDB 905462 D03 UNII Clients Without Radar Detection New Rules v01r02 Product Name: Smart module Trade Mark: MEIGLink Model/Type reference: MeiG Smart Technology Co., Ltd Address MEIGLink MeiG Smart Technology Co., Ltd Address Draw Shenzhen, China 47 CFR FCC Part 15.407 KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02 KDB 905462 D03 UNII Clients Without Radar Detection New Rules v01r02 Smart module Trade Mark MEIGLink Model/Type reference: Jul. 14, 2022 Date (s) of performance of test item Jul. 14, 2022 Tested by (+signature): Reo LIU Check by (+signature): Beryl ZHAO	Date of issue::	Aug. 02, 2022	ug. 02, 2022			
Testing location/ address: Applicant's name: MeiG Smart Technology Co., Ltd Address: MeiG Smart Technology Co., Ltd Address: MeiG Smart Technology Co., Ltd Address: MeiG Smart Technology Co., Ltd MeiG Smart Technology Co., Ltd Address: MeiG Smart Technology Co., Ltd MeiG Smart Technology Co., Ltd Address: Address: MeiG Smart Technology Co., Ltd Address: Address: MeiG Smart Technology Co., Ltd Address: Address: Proyong Street, Bao'an District, shenzhen, China 47 CFR FCC Part 15.407 KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02 KDB 905462 D03 UNII Clients Without Radar Detection New Rules v01r02 Product Name: Smart module Trade Mark: Model/Type reference: SLM550 Rating(s): DC 3.8V Date of receipt of test item Jul. 14, 2022 Date (s) of performance of test: Tested by (+signature): Rleo LIU Check by (+signature): Beryl ZHAO But / Indicatory in the properties of the pro	Testing laboratory:	SHENZHEN TONGCE TESTING	G LAB			
Address : 2nd Floor, Office Building, No.5 Lingxia Road, Fenghuang, Fuyong Street, Bao'an District, shenzhen, China Manufacturer's name :: MeiG Smart Technology Co., Ltd Address : 2nd Floor, Office Building, No.5 Lingxia Road, Fenghuang, Fuyong Street, Bao'an District, shenzhen, China 47 CFR FCC Part 15.407 KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02 KDB 905462 D03 UNII Clients Without Radar Detection New Rules v01r02 Product Name :: Smart module Trade Mark :: MEIGLink Model/Type reference :: SLM550 Rating(s) :: DC 3.8V Date of receipt of test item	Testing location/ address:	Subdistrict, Bao'an District, Shen	Subdistrict, Bao'an District, Shenzhen, Guangdong, 518103,			
### Fuyong Street, Bao'an District, shenzhen, China Manufacturer's name MeiG Smart Technology Co., Ltd	Applicant's name::	MeiG Smart Technology Co., Ltc	eiG Smart Technology Co., Ltd			
Address : 2nd Floor, Office Building, No.5 Lingxia Road, Fenghuang, Fuyong Street, Bao'an District, shenzhen, China 47 CFR FCC Part 15.407 KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02 KDB 905462 D03 UNII Clients Without Radar Detection New Rules v01r02 Product Name : Smart module Trade Mark : MEIGLink Model/Type reference : SLM550 Rating(s) : DC 3.8V Date of receipt of test item Date (s) of performance of test	Address::					
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Date (s) of performance of test: Tested by (+signature): Rleo LIU Check by (+signature): Beryl ZHAO	Rating(s)::	DC 3.8V				
Tested by (+signature): Rleo LIU Check by (+signature): Beryl ZHAO Roy (**TCT**)	Date of receipt of test item:	Jul. 14, 2022				
Check by (+signature): Beryl ZHAO	Date (s) of performance of test:	Jul. 14, 2022 - Aug. 02, 2022				
	Tested by (+signature):	Rleo LIU	Pro Chy JONGCE P.			
Approved by (+signature): Tomsin	Check by (+signature):	Beryl ZHAO	Roy(20 TCT)			
	Approved by (+signature):	Tomsin	Tomsm 100 84			

General disclaimer:

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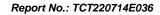




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1. General Product Information

1.1. EUT description

Product Name:	Smart module		
Model/Type reference:	SLM550		
Sample Number:	TCT220714E017-0101		
EUT type:	Client only device, no radar detection	Capability	
Operation Frequency:	Band 2A: 5260 MHz~5320 MHz Band 2C: 5500 MHz~5700 MHz	()	
Channel Separation:	802.11a: 20MHz 802.11n: 20MHz, 40MHz 802.11ac: 20MHz, 40MHz, 80MHz		
Modulation Technology:	Orthogonal Frequency Division Multip	lexing(OFDM)	
Antenna Type:	External Antenna		
Antenna Gain:	2.52dBi		
Rating(s):	DC 3.8V		
TPC:	□YES⊠NO		
Remark::	This device selects the operating frequency.	uency with randor	mly in

Note: The antenna gain listed in this report is provided by applicant, and the test laboratory is not responsible for this parameter.

1.2. Model(s) list

None.

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2. Test Result Summary

		Conformance Test S	pecifications		
Report Clause	Ref. Std. Clause	Description	Measured	Limit	Result
UNII Detection Bandwidth	7.8.1	DFS: UNII Detection Bandwidth Measurement	N/A	100% of the 99% BW	N/A
Channel Availability Check	7.8.2.1	DFS: Initial Channel Availability Check Time	N/A	CAC ≥ 60 sec	N/A
Channel Availability Check	7.8.2.2	DFS: Radar Burst at the Beginning of the Channel Availability Check Time	N/A	Detection Threshold: -62dBm	N/A
Channel Availability Check	7.8.2.3	DFS: Radar Burst at the End of the Channel Availability Check Time	N/A	Detection Threshold: -62dBm	N/A
In-service Monitoring	7.8.3	DFS: In-Service Monitoring for Channel Move Time (CMT)	CMT ≤ 10sec	CMT ≤ 10sec	Complied
In-service Monitoring	7.8.3	DFS: In-Service Monitoring for Channel Closing Transmission Time (CCTT)	CCTT ≤ 60 ms starting at CMT 200ms	CCTT ≤ 60 ms starting at CMT 200ms	Complied
In-service Monitoring	7.8.3	DFS: In-Service Monitoring for Non-Occupancy Period (NOP)	NOP > 30 min	NOP ≥ 30 min	Complied
Statistical Performance Check	7.8.4	DFS: Statistical Performance Check	Complied	Table 5 - 7 (KDB 905462)	N/A





3. General Information

3.1. RF General information

IEEE Std. 802.11	(c	Channel Bandwidth (M	(Hz)
a/n/ac (HT20)		20	
n/ac (HT40)	(c ¹)	40	(C)
ac(VHT80)		80	

802.11a/n/ac uses a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.

Remark: All test are performed with conducted method

3.2. Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Equipment	Model No.	Serial No.	FCC ID	IC ID	Trade Name
AP	R6300v2	3GM24478A 0282	PY313200227	4054A-13200227	NTEGEAR
PC	Insprion3668	CNOYUJCX	(6) 1		DELL
Mother board	MEIG_EVB_ V2.03	/	/	/	/
WIFI Antenna	SKYLINK		1	1	<i>(</i>)

Note:

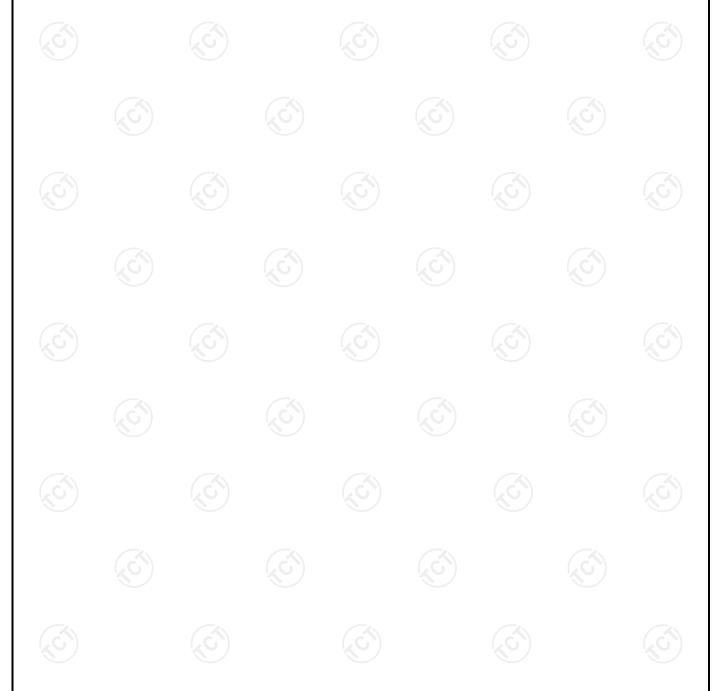
- 1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
- 2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.
- 3. The master device fixed the test mode and working channel on the background management page, the client device is connected to the wireless network sent by the master device, it takes 120 seconds for the master device to fully boot up, and 8.0 seconds for the client device.

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3.3. Test Instruments List

		DFS		
Name	Model No.	Manufacturer	Date of Cal.	Due Date
vector Signal Generator	N5182A	Agilent	Jul. 04, 2022	Jul. 03, 2023
Spectrum Analyzer	N9020A	Agilent	Jul. 05, 2022	Jul. 04, 2023
Combiner Box	AT890-RFB	Ascentest	/ /	<u> </u>





4. Facilities and Accreditations

4.1. Facilities

The test facility is recognized, certified, or accredited by the following organizations:

• FCC - Registration No.: 645098

SHENZHEN TONGCE TESTING LAB

Designation Number: CN1205

The testing lab has been registered and fully described in a report with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files.

IC - Registration No.: 10668A-1

SHENZHEN TONGCE TESTING LAB

CAB identifier: CN0031

The testing lab has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing.

4.2. Location

SHENZHEN TONGCE TESTING LAB

Address: 2101 & 2201, Zhenchang Factory Renshan Industrial Zone, Fuhai Subdistrict,

Bao'an District, Shenzhen, Guangdong, 518103, People's Republic of China

TEL: +86-755-27673339

4.3. Measurement Uncertainty

The reported uncertainty of measurement $y \pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

No.	Item	MU		
1	Conducted Emission	± 3.10 dB		
2	RF power, conducted	± 0.12 dB		
3	Spurious emissions, conducted	± 0.11 dB		
4	All emissions, radiated(<1 GHz) ± 4.56 dB			
5	All emissions, radiated(1 GHz - 18 GHz) ± 4.22 c			
6	All emissions, radiated(18 GHz- 40 GHz) ± 4.36 dB			



5. Dynamic Frequency Selection (DFS) Test Result

5.1. General DFS Information

5.1.1. DFS Parameters

Table D.1	: DFS requirement values
Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1.
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second periods. See Notes 1 and 2.
U-NII Detection Bandwidth	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 1 is used and for each frequency step the minimum percentage of detection is 90%. Measurements are performed with no data traffic.

Table	ס.	Interf	aranca	thresho	JId v	عميناد
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Maximum Transmit Power	Value (see note)
≥ 200 milliwatt	-64 dBm
< 200 milliwatt	-62 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.

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.



5.1.2. Applicability of DFS Requirements Prior to Use of a Channel

	DFS Operational mode						
Requirement	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				
Uniform Spreading	Yes	Not required	Not required				
U-NII Detection Bandwidth	Yes	Not required	Yes				

5.1.3. Applicability of DFS Requirements during Normal Operation

	DFS Operational mode					
Requirement	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			

5.1.4. Uniform Spreading

Manufacturer Declare the Uniform Spreading

☑For the 5250-5350 MHz and 5470-5725 MHz bands, the Master device provides, on aggregate, uniform loading of the spectrum across all devices by selecting an operating channel among the available channels using a Gaussian random algorithm.

5.1.5. User Access Restrictions

User Access Restrictions

☑DFS controls (hardware or software) related to radar detection are NOT accessible to the user. Manufacturer statement confirming that information regarding the parameters of the detected Radar Waveforms is not available to the end user.

5.1.6. Channel Loading/Data Streaming

⊠IP Based (Load Based) - stream the test file from the Master to the Client

The client device is link with the master device and plays the WAV audio file from master device to client device. Test file download in NTIA website (http://ntiacsd.ntia.doc.gov/dfs/)

The client device is link with the master device and plays the MPEG file (6 1/2 Magic Hours) from master device to client device. Test file download in NTIA website (http://ntiacsd.ntia.doc.gov/dfs/)

Alternative streaming e.g., FTP with about 17 to 20% loading and submit proposal to FCC.



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5.2. Radar Test Waveform Calibration

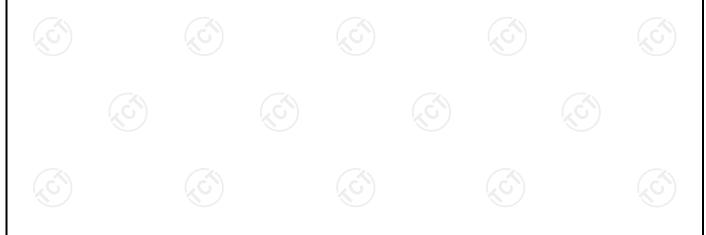
5.2.1. Short Pulse Radar Test Waveforms

Table 5 - Short Pulse Radar Test Waveforms

$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Radar	Pulse Width	PRI	Number of Pulses	Minimum	Minimum
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				1,311001 011 01303		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1,110	(1355)	(μισου)		_	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	0	1	1428	18		See Note 1
3 6-10 200-500 16-18 60% 30 4 11-20 200-500 12-16 60% 30	1	1	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	Roundup $\left\{ \frac{19 \cdot 10^6}{\text{PRI}} \right\}$	60%	30
4 11-20 200-500 12-16 60% 30	2	1-5		23-29	60%	30
	3	6-10	200-500	16-18	60%	30
4 (D 1 F 14)	4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4) 80% 120	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.

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



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5.2.2. Long Pulse Radar Test Waveform

Radar Type	Pulse Width (µsec)	ChirpWidth (MHz)	PRIMISACIINTE		Number of <i>Burst</i> s	Minimum Percentage of Successful Detection	Minimum Trials	
5	50-100	5-20	1000-2000	1-3	8-20	80%	30	

Each waveform is defined as follows:

- ♦ The transmission period for the Long Pulse Radar test signal is 12 seconds.
- There are a total of 8 to 20 Bursts in the 12 second period, with the number of Bursts being randomly chosen. This number is Burst Count.
- ♦ Each Burst consists of 1 to 3 pulses, with the number of pulses being randomly chosen. Each Burst within the 12 second sequence may have a different number of pulses.
- ◆□ The pulse width is between 50 and 100 microseconds, with the pulse width being randomly chosen. Each pulse within a Burst will have the same pulse width. Pulses in different Bursts may have different pulse widths.
- ♦ Each pulse has a linear FM chirp between 5 and 20 MHz, with the chirp width being randomly chosen. Each pulse within a Burst will have the same chirp width. Pulses in different Bursts may have different chirp widths. The chirp is centered on the pulse. For example, with a radar frequency of 5300 MHz and a 20 MHz chirped signal, the chirp starts at 5290 MHz and ends at 5310 MHz.
- If more than one pulse is present in a Burst, the time between the pulses will be between 1000 and 2000 microseconds, with the time being randomly chosen. If three pulses are present in a Burst, the time between the first and second pulses is chosen independently of the time between the second and third pulses.
- The 12 second transmission period is divided into even intervals. The number of intervals is equal to Burst_Count. Each interval is of length (12,000,000 / Burst_Count) microseconds. Each interval contains one Burst. The start time for the Burst, relative to the beginning of the interval, is between 1 and [(12,000,000 / Burst_Count) (Total Burst Length) + (One Random PRI Interval)] microseconds, with the start time being randomly chosen. The step interval for the start time is 1 microsecond. The start time for each Burst is chosen independently.





5.2.3. Frequency Hopping Radar Test Waveform

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

The FCC Type 6 waveform uses a static waveform with 100 bursts in the instruments ARB. In addition, the RF list mode is operated with a list containing 100 frequencies from a randomly generated list and it had be ensured that at least one of the random frequencies falls into the UNII Detection Bandwidth of the DUT. Each burst from the waveform file initiates a trigger pulse at the beginning that switches the RF list from one item to the next one.

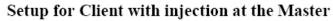
5.2.4 DES Threshold Level

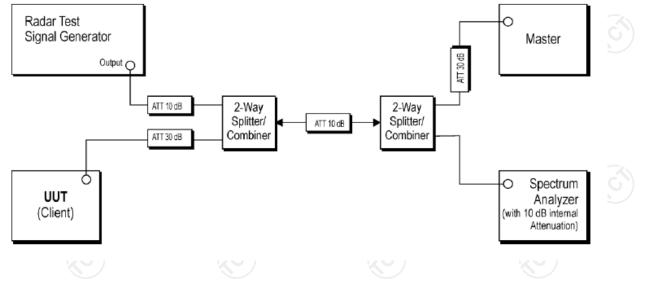
5.2.4. DF3 Tilleshold Level		
	DFS Threshold Level	
DEC Threehold levels CO dDm	⊠at the antenna connector	
DFS Threshold level: -62 dBm	☐ in front of the antenna	
The Interference Radar Detection the output power range and anter	n Threshold Level is -62 dBm. That na gain.	had been taken into accour
		had been taken into ac





5.2.5. Test Set up











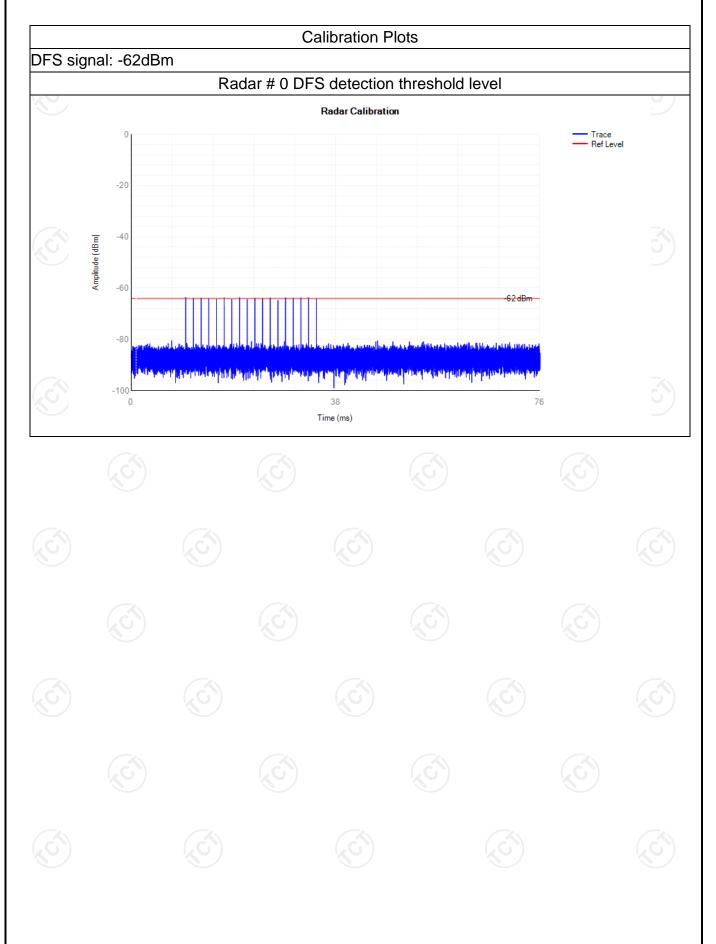














5.3. UNII Detection Bandwidth

5.3.1. UNII Detection Bandwidth Limit

Channel Bandwidth (MHz)	99% P	ower Band (MHz)	width	UNII Detection Bandwidth (MHz)
20		N/A		N/A
40		N/A		N/A
80		N/A		N/A

UNII Detection Bandwidth is minimum 100% of the 99% power bandwidth. A single radar Burst is generated for a minimum of 10 trials, and the response of the UUT is noted. The UUT must detect the Radar Waveform 90% or more of the time.

5.3.2. Measuring Instruments

Refer a test equipment and calibration data table in this test report.

5.3.3. Test Procedures

Test Method

Refer as KDB905462 D02 UNII DFS Compliance Procedures New Rules v02, clause 7.8.1 for UNII Detection Bandwidth test. During the U-NII Detection Bandwidth detection test, radar type 1 is used and for each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic. The EUT is set up as a standalone device (no associated Client and no traffic). The radar frequency is increased in 1 MHz steps, repeating the above test sequence, until the detection rate falls below 90%. The highest frequency at which detection is greater than or equal to 90% is denoted as FH. The radar frequency is decreased in 1 MHz steps, repeating the above test sequence, until the detection rate falls below 90%. The lowest frequency at which detection is greater than or equal to 90% is denoted as FL. UNII Detection Bandwidth = FH -FL

Test result: Not required





5.4. Channel Availability Check (CAC)

5.4.1. Channel Availability Check Limit

Channel Availability Check Limit

☑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.

5.4.2. Measuring Instruments

Refer a test equipment and calibration data table in this test report

5.4.3. Test Procedures

Test Method

⊠Refer as KDB905462 D02 UNII DFS Compliance Procedures New Rules v02, clause 7.8.2.1 for 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.

☑Refer as FCC 06-96 Appendix, clause 7.8.2.2 for Radar Burst at the Beginning of the Channel Availability Check Time. To verify successful radar detection on the selected Channel during a period equal to the Beginning of the Channel Availability Check Time.

⊠Refer as FCC 06-96 Appendix, clause 7.8.2.3 for Radar Burst at the End of the Channel Availability Check Time. To verify successful radar detection on the selected Channel during a period equal to the End of the Channel Availability Check Time.

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5.5. In-service Monitoring

5.5.1. In-service Monitoring Limit

In-service Monitoring Limit							
Channel Move Time	10 sec						
Channel Closing Transmission Time	200 ms + an aggregate of 60 ms over remaining 10 sec periods.						
Non-occupancy period	Minimum 30 minutes						

5.5.2. Measuring Instruments

Refer a test equipment and calibration data table in this test report

5.5.3. Test Procedures

Test Method

- ⊠Refer as KDB905462 D02 UNII DFS Compliance Procedures New Rules v02, clause 7.8.3 verified during In-Service Monitoring; Channel Closing Transmission Time, Channel Move Time. Client Device will associate with the EUT. 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). Compare the Channel Move Time and Channel Closing Transmission Time limits.
- ⊠Refer as KDB905462 D02 UNII DFS Compliance Procedures New Rules v02, clause 8.3 verified during In-Service Monitoring; Channel Closing Transmission Time, Channel Move Time. One 10 sec plot needs to be reported for the Short Pulse Radar Types 1-4 and one for the Long Pulse Radar Type in a 22 sec plot. And zoom-in a 600 ms plot verified channel closing time for the aggregate transmission time starting from 200ms after the end of the radar signal to the completion of the channel move.
- ☑Refer as KDB905462 D02 UNII DFS Compliance Procedures New Rules v02, clause 7.8.3 verified during In-Service Monitoring; Non-Occupancy Period. Client Device will associate with the EUT. 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 (Non-Occupancy Period). Compare the Non-Occupancy Period limits.



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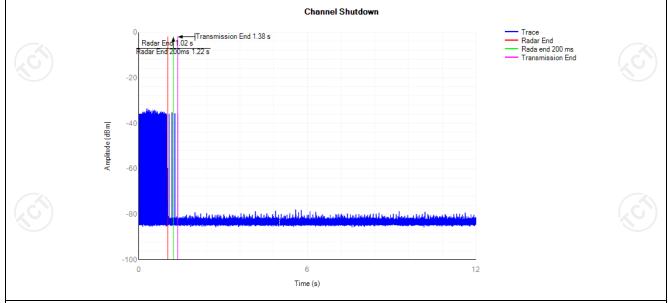




5.5.4. Test Result of In-service Monitoring

	Channel Closing Transmission Time and Channel Move Time Result										
Modulation Mode	Freq. (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmissio n Time (s)	Limit Close Transmissio n Time (s)		Limit Close Transmissio n Time after 200ms (s)	Verdict			
VHT80	5290	0.36	10	0.0030	0.26	0.0014	0.06	Pass			

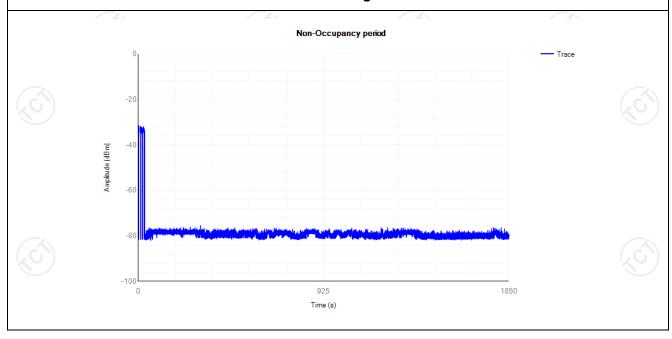
12 sec Timing Plot



Non-Occupancy Period Result

Modulation Freq. (MHz)	Non-Occupancy Period				
	Freq. (MHZ)	Measured	Limit	Verdict	
VHT80	5290	>30min	30min	PASS	

1850 sec Timing Plot

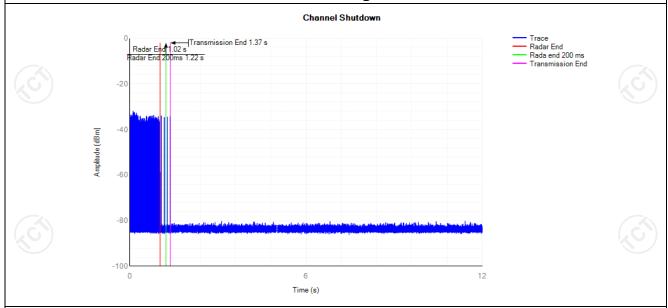






	Channel Closing Transmission Time and Channel Move Time Result										
Modulation Mode	Freq. (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmissio n Time (s)	Limit Close Transmissio n Time (s)		Limit Close Transmissio n Time after 200ms (s)	Verdict			
VHT80	5530	0.35	10	0.0032	0.26	0.0010	0.06	Pass			

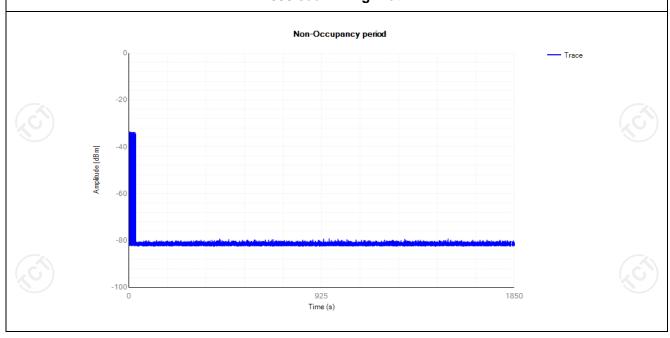
12 sec Timing Plot



Non-Occupancy Period Result

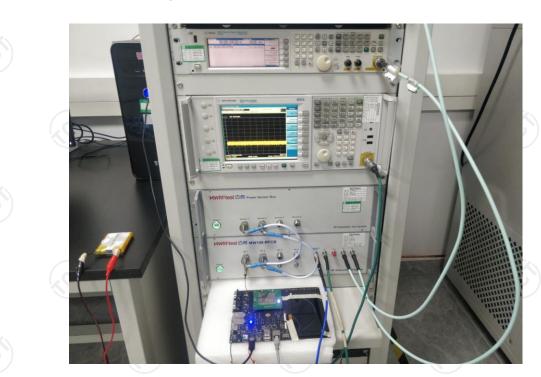
Modulation Mode	Freq. (MHz)	Non-Occupancy Period		
		Measured	Limit	Verdict
VHT80	5530	>30min	30min	PASS

1850 sec Timing Plot





Appendix A: Photographs of Test Setup



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

