





Report No.: FZ862116-02

FCC DFS Test Report

FCC ID : VW3DIW362-V2

Equipment : SET TOP BOX

Brand Name : SAGEMCOM

Model Name : DIW362 UHD V2

Applicant / : Sagemcom Broadband SAS
Manufacturer 250, route de l'Empereur 92848

Rueil-Malmaison cedex - France

Standard : 47 CFR FCC Part 15.407

The product was received on Dec. 14, 2018, and testing was started from Dec. 20, 2018 and completed on Dec. 20, 2018. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02 and shown compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of United States government.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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History of this test report

Report No.	Version	Description	Issued Date
FZ862116-02	01	Initial issue of report	Mar. 11, 2019
FZ862116-02	02	Revise Typo	Mar. 20, 2019

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Summary of Test Result

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Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.3	KDB 905462 7.8.3	DFS: In-Service Monitoring for Channel Move Time (CMT)	PASS	CMT ≤ 10sec
3.3	KDB 905462 7.8.3	DFS: In-Service Monitoring for Channel Closing Transmission Time (CCTT)	PASS	CCTT ≤ 60 ms starting at CMT 200ms
3.3	KDB 905462 7.8.3	DFS: In-Service Monitoring for Non-Occupancy Period (NOP)	PASS	NOP ≥ 30 min

Note: Since the product is client without radar detection function, only Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period are required to perform.

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and explanations:

None

Reviewed by: Ben Tseng

Report Producer: Ann Hou

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1 General Description

1.1 Information

1.1.1 RF General Information

Specification Items	Description			
Product Type	IEEE 802.11a mode (1TX/1RX)			
	IEE	E 802.11n/ac mode (3TX/3R	X)	
Radio Type	Inte	ntional Transceiver		
Power Type	Fro	m power adapter		
Modulation	IEE	E 802.11a: OFDM (BPSK / C	PSK	/ 16QAM / 64QAM)
	IEE	E 802.11n/ac: see the below	table	
Data Rate (Mbps)	IEE	E 802.11a: OFDM (6/9/12/18	3/24/3	6/48/54)
	IEEE 802.11n/ac: see the below table			
Channel Bandwidth	20/40/80 MHz operating channel bandwidth			
Operating Mode		Master		
		Client with radar detection		
	\boxtimes	Client without radar detection	on	
Communication Mode	\boxtimes	IP Based (Load Based)		Frame Based
TPC Function	\boxtimes	With TPC		Without TPC
Weather Band (5600~5650MHz)	\boxtimes	With 5600~5650MHz		Without 5600~5650MHz
Power-on cycle	NA (No Channel Availability Check Function)			
Software / Firmware Version	7.87.4			
Note: EUT employ a TPC mechanism and TPC have the capability to operate at least 6 dB below highest RF output power.				

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Antenna & Bandwidth

Antenna		Two (TX)	
Band width Mode	20 MHz	40 MHz	80 MHz
IEEE 802.11a	V	X	X
IEEE 802.11n	V	V	X
IEEE 802.11ac	V	V	V

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IEEE 11n/ac Spec.

Protocol	Number of Transmit Chains (NTX)	Data Rate / MCS
802.11n (HT20)	3	MCS0-23
802.11n (HT40)	3	MCS0-23
802.11ac (VHT20)	3	MCS 0-8/Nss1-3
802.11ac (VHT40)	3	MCS 0-9/Nss1-3
802.11ac (VHT80)	3	MCS 0-9/Nss1-3

Note 1: IEEE Std. 802.11n modulation consists of HT20 and HT40 (HT: High Throughput). Then EUT support HT20 and HT40.

Note 2: HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.

Note 3: IEEE Std. 802.11ac modulation consists of VHT20, VHT40 and VHT80 (VHT: Very High Throughput). Then EUT support VHT20, VHT40 and VHT80.

Note 4: VHT20, VHT40 and VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.

Note 5: Modulation modes consist of below configuration:

11a: IEEE 802.11a, HT20/HT40: IEEE 802.11n, VHT20/VHT40/VHT80: IEEE 802.11ac

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1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	-	-	PCB	N/A
2	-	-	PCB	N/A
3	-	-	PCB	I-PEX
4	-	-	PCB	N/A

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Ant.	Port	Gain (dBi)					
		2.4G	5G	ВТ			
1	1	3.30	5.36	-			
2	2	3.55	5.31	-			
3	3	3.93	5.41	-			
4	4	-	-	3.54			

Note 1: The EUT has four antennas.

Note 2: Higher gain antenna was used to perform the worst configuration and result of that was recorded as the final test result.

For 2.4 GHz function:

For IEEE 802.11b/g mode (1TX/1RX)

Support diversity function and pre-tested on each single chain, the worst case was Ant. 2(port 2) and it was record in this test report.

For IEEE 802.11n mode (3TX/3RX)

Ant. 1 (port 1), Ant. 2 (port 2) and Ant. 3 (port 3) could transmit/receive simultaneously.

For 5 GHz function:

For IEEE 802.11a mode (1TX/1RX)

Support diversity function and pre-tested on each single chain, the worst case was Ant. 3(port 3) and it was record in this test report.

For IEEE 802.11n/ac mode (3TX/3RX)

Ant. 1 (port 1), Ant. 2 (port 2) and Ant. 3 (port 3) could transmit/receive simultaneously.

For Bluetooth function:

For Bluetooth mode (1TX/1RX)

Only Ant. 4 (port 4) can be used as transmitting/receiving antenna.

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1.1.3 DFS Band Carrier Frequencies

There are three bandwidth systems.

For 20MHz bandwidth systems, use Channel 52, 56, 60, 64, 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140, 144.

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For 40MHz bandwidth systems, use Channel 54, 62, 102, 110, 118, 126,134, 142.

For 80MHz bandwidth systems, use Channel 58, 106, 122, 138.

Frequency Band	Channel No.	Frequency	Channel No.	Frequency
	52	5260 MHz	60	5300 MHz
5250~5350 MHz	54	5270 MHz	62	5310 MHz
Band 2	56	5280 MHz	64	5320 MHz
	58	5290 MHz	-	-
	100	5500 MHz	124	5620 MHz
	102	5510 MHz	126	5630 MHz
	104	5520 MHz	128	5640 MHz
	106	5530 MHz	132	5660 MHz
5470 5705 MU-	108	5540 MHz	134	5670 MHz
5470~5725 MHz Band 3	110	5550 MHz	136	5680 MHz
Danu 3	112	5560 MHz	138	5690 MHz
	116	5580 MHz	140	5700 MHz
	118	5590 MHz	142	5710 MHz
	120	5600 MHz	144	5720 MHz
	122	5610 MHz	-	-

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1.2 Testing Applied Standards

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

- KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02
- KDB 905462 D03 Client Without DFS New Rules v01r02

1.3 Testing Location Information

	Testing Location							
\boxtimes	HWA YA	ADD	:	No. 52, Huaya	1st Rd., Guishan Dis	t., Taoyuan City, Taiwar	(R.O.C.)	
		TEL	:	886-3-327-3456	6 FAX : 88	86-3-327-0973		
	Test site Designation No. TW1190 with FCC.							
	JHUBEI	ADD	:	: No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.				
		TEL	:	: 886-3-656-9065 FAX : 886-3-656-9085				
	Test site Designation No. TW0006 with FCC.							
Te	Test Condition Test Site No. Test Engineer Test Environment Test Date				Test Date			
	DFS Site			DFS01-HY	Peng Huang	26.5°C / 63.2%	20/Dec/2018	

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2 Test Configuration of EUT

2.1 Test Channel Frequencies Configuration

Test Channel Frequencies Configuration				
IEEE Std.	Test Channel Freq. (MHz)			
802.11ac (VHT80)	5530 MHz			

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests				
Tests Item	Dynamic Frequency Selection (DFS)			
Test Condition	The EUT shall be configured to operate at the highest transmitter output power setting. If more than one antenna assembly is intended for this power setting, the gain of the antenna assembly with the lowest gain shall be used.			
Modulation Mode	802.11ac (VHT80)			

2.3 Accessories

Accessories							
	Brand Name	SAGEMCOM	Model Name	MSA-C2000IS12.0-24N-DE			
AC Adapter 1	Power Rating	I/P: 200-240Vac, 50/60Hz, 0.7A max, O/P: 12Vdc, 2A					
	Power Cord	1.8 meter, non-shielded cable, w/o ferrite core					
	Brand Name	SAGEMCOM	Model Name	MSA-C2000IS12.0-24N-DE			
AC Adoptor 2	Manufacturer	MOSO					
AC Adapter 2	Power Rating	I/P: 200-240Vac, 50/60Hz, 0.7A max, O/P: 12Vdc, 2A					
	Power Cord	1.8 meter, non-shielded cable, w/o ferrite core					
HDMI Cable	Power Cord	1.4 meter, shielded cable, w/o ferrite core					

Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipment

	Support Equipment							
No.	Equipment	Brand Name	Model Name	FCC ID				
1	AP (Master)	EDIMAX	EW-7679WAC	NDD9576791401				
2	NoteBook	DELL	Latitude E5550	-				
3	Adapter for NoteBook	DELL	FA90PSO-00	-				
4	NoteBook	DELL	Latitude E5540	-				
5	Adapter for NoteBook	DELL	FA90PSO-00	-				
6	Fixture	-	-	-				

Note: Support equipment No.6 was provided by customer.

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3 Dynamic Frequency Selection (DFS) Test Result

3.1 General DFS Information

3.1.1 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 (Note 1).				
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second periods. (Notes 1 and 2).				
U-NII Detection Bandwidth	Minimum 100% of the 99% power bandwidth (Note 3).				

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- 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 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.

Table D.2: Interference threshold values					
Maximum Transmit Power	Value (see note)				
EIRP≥ 200 mW	-64 dBm				
EIRP < 200 mW and PSD < 10dBm/MHz	-62 dBm				
EIRP < 200 mW and PSD ≥ 10dBm/MHz	-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.

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3.1.2 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 (See the note)	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			

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Note: According to KDB 905462 D03 Client Without DFS New Rules v01r02 (b) 6."An analyzer plot that contains a single 30-minute sweep on the original channel "

3.1.3 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			

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.

3.1.4 Channel Loading/Data Streaming

	The data file (MPEG-4) has been transmitting in a streaming mode.
\boxtimes	Software to ping the client is permitted to simulate data transfer with random ping intervals.
\boxtimes	Minimum channel loading of approximately 17%.
	Unicast protocol has been used.

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3.2 Radar Test Waveform Calibration

3.2.1 Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (µsec)	PRI (µsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Trials	
0	1	1428	18	See Note 1	See Note 1	
1A	1	15 unique PRI in KDB 905462 D02 Table 5a	((1) (19×10 ⁶))	60%	15	
1B	1	15 unique PRI within 518-3066, Excluding 1A PRI	$Roundup \left(\frac{1}{360} \right) \times \left(\frac{19 \times 10^6}{PRI} \right) $	60%	15	
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	
Aggrega	Aggregate (Radar Types 1-4) 80% 120					

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Note: 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 1 through 4. If more than 30 waveforms are used for short pulse radar types 1 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.

3.2.2 Long Pulse Radar Test Waveform

Rada Type	Pulse Width (µsec)	Chirp Width (MHz)	PRI (µsec)	Number of Pulses per <i>Burst</i>	Number of Bursts	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 transmission period will have the same chirp width. 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.

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• 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.

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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.

3.2.3 Frequency Hopping Radar Test Waveform

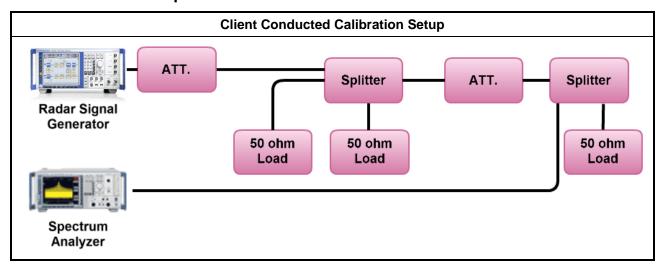
Radar Type	Pulse Width (µsec)	PRI (µsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Minimum Percentage of Successful Detection	Minimum Trials
6	1	333	9	0.333	300	70%	30

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.

3.2.4 DFS Threshold Level

DFS Threshold Level					
DFS Threshold level:	-63	dBm	\boxtimes	at the antenna connector	
				in front of the antenna	
The Interference Radar Detection Threshold Level is $-64 dBm + 0 [dBi] + 1 dB = -63 dBm$. That had been taken into account the output power range and antenna gain.					

3.2.5 Calibration Setup



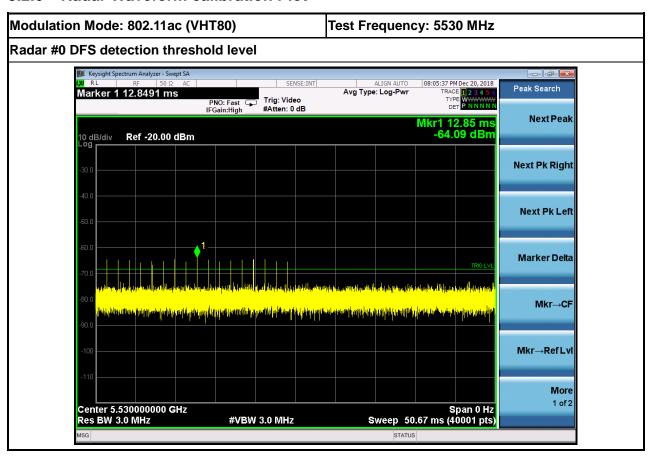
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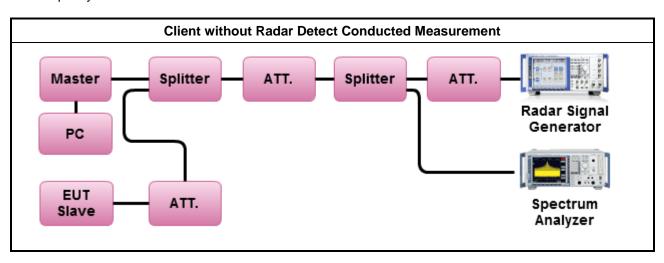
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3.2.6 **Radar Waveform calibration Plot**



3.2.7 **Test Setup**

A spectrum analyzer is used as a monitor to verify that the EUT has vacated the Channel within the (Channel Closing Transmission Time and Channel Move Time, and does not transmit on a Channel during the Non-Occupancy Period after the detection and Channel move.



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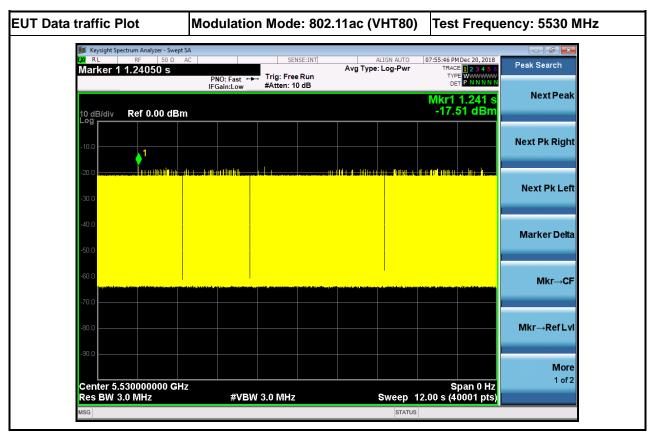
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3.2.8 Data traffic Plot

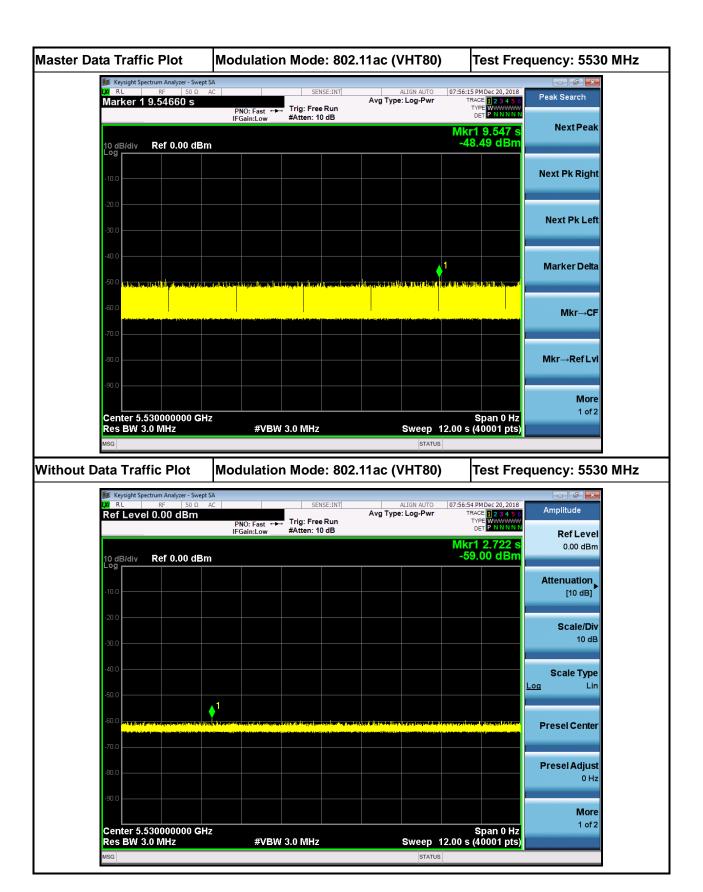
FCC ID: VW3DIW362-V2



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3.3 In-service Monitoring

3.3.1 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			

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3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method

- 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.
- ✓ Verified during In-Service Monitoring; Channel Closing Transmission Time, Channel Move Time. One 12 sec plot needs to be reported for the Short Pulse Radar Types 0. And zoom-in a 60 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.
- ✓ 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.

3.3.4 Test Result of In-service Monitoring

Modulation Mode: 802.11ac (VHT80)

Davamatar	Test F	Limit	
Parameter	Type 0		Limit
Test Channel (MHz)	5530 MHz		-
Channel Move Time (sec.)	0.0081		< 10s
Channel Closing Transmission Time (ms) (Note)	0.000		< 60ms
Non-Occupancy Period (min.)	≧30		≥ 30 min

Note: 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 seconds period. The aggregate duration of control signals will not count quiet periods in between transmissions.

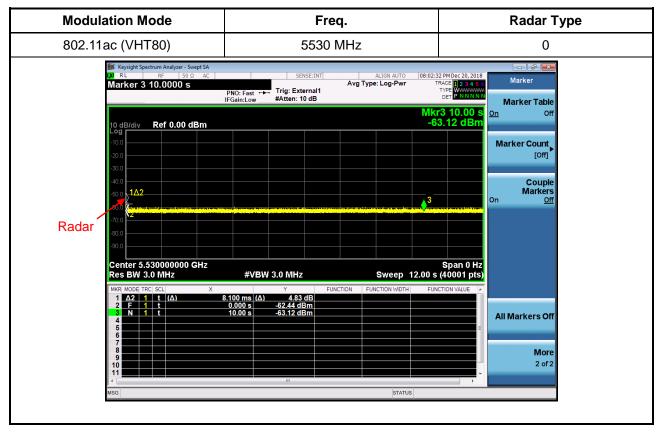
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3.3.5 Test Plot of In-Service Monitoring for Channel Move Time



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3.3.6 Test Plot of In-Service Monitoring for Channel Closing Transmission Time

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M	odulatior	n Mode		Freq. 5530 MHz		Radar Type 0					
80	2.11ac (\	/HT80)									
	losing Tr 60ms add					00 ms sta	arting at	the begir	nning of t	the Chan	nel Mo
oom											
0-										Z1	
-10 -										Z2	aNs (c)
-20 -											aNs
-30 -											om TX
-40 -										0s	
-40 -										Zo	
-50 -											om TX Sam
-50 - -60 -	erson-one-feron-sonorfoliarestas	-		-ware-probabilismost-plan		بهور المساور والمالية المساورة	والمراجوس أواجه المراجع والمعالم والمراجع	enter-driften frankrik	بغاليسته بمرحوب ليجتطب	O the summers	om TX Sam
-50 - -60 -	eraning group and property	andressement and adjusted	rahasaayraninahrinaan	مارسوس المارسوس المارسوس	rygo-savigle _s o-Mariniglesid	ivskienesillespronovery	walter professor	er the end-party fifth and public	بهداليسميده بمحرسالي يساب		om TX Sam C-Zoom
-50 - -60 - -70 - -80 -	gyten, o njedle so _{sp} olofika jednaj	andre description of the second	rehteaugrevionikoleardo		البياول بالمالة بي ماور موسوب ب	ivskranderformurero	unjinujulan (* uj u., uniiku	en per en epiden de la principa del la principa de la principa del la principa de	به البدور موسود بالرجعاب		
-50 - -60 - -70 - -80 - -90 -	gyten, ongolek originalysike/epinge	enitra seneral congretionen	ngh ayangyay-uninhapan	ماريد و مورود و المواد و الموا	ngunganasakin pelikantulgi peli	inskienesikerpromuser y	ooghti, jojdanet ti oji oo sa, natigaa	academiddle.goldorfanyd	ng n	DC	
-50 - -60 - -70 - -80 -	250m	300m	350m	400m	450m	500m	550m	600m	650m	DC	om TX Sam _l -Zoom

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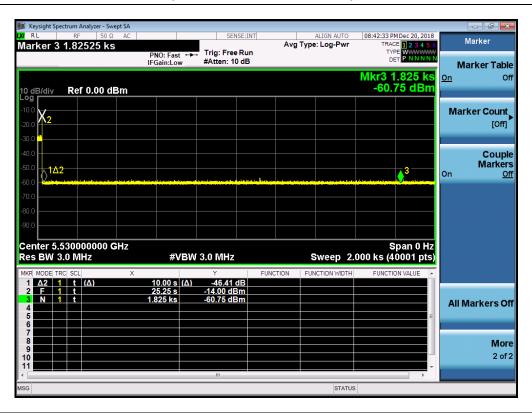
3.3.7 Test Plot of In-Service Monitoring for Non-Occupancy Period

Modulation Mode	Freq.
802.11ac (VHT80)	5530 MHz

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Non-Occupancy Period

During the 30 minutes observation time, UUT did not make any transmissions on a channel after a radar signal was detected on that channel by either the Channel Availability Check or the In-Service Monitoring.



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4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	Keysight	N9010A	MY55150165	9kHz~7GHz	15/Nov/2018	14/Nov/2019
Vector Signal Generator	R&S	SMU200A	102098	100kHz ~ 6GHz	12/Feb/2018	13/Feb/2019
RF cable 0.5m	MTJ Cooperation	000000-MT26A-50	D5105	1GHz ~ 40GHz	01/Nov/2018	31/Oct/2019
RF cable 0.5m	MTJ Cooperation	000000-MT26A-50	D5106	1GHz ~ 40GHz	01/Nov/2018	31/Oct/2019
RF cable 0.2m	HUBER+SUHNER	SUCOFLEX 104	SN324530/4	25MHz ~ 26.5GHz	01/Nov/2018	31/Oct/2019
RF cable 2m	MTJ Cooperation	000000-MT18A-200	D5100	1GHz ~ 40GHz	01/Nov/2018	31/Oct/2019

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5 Measurement Uncertainty

Test Items	Uncertainty	Remark
Conducted Emission	1.3 dB	Confidence levels of 95%
Temperature	0.7 °C	Confidence levels of 95%
Humidity	4 %	Confidence levels of 95%

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