FCC DFS TEST REPORT

Equipment	:	**Xiaomi Wi-Fi Range Extender AX1500**
Brand Name	:	**xiaomi**
Model Name	:	**RN12**
Applicant	:	**Beijing Xiaomi Electronics Co., Ltd.** **Room 802, Floor 8, Building 5, No.15 KeChuang 10th Road, Beijing Economic and Technological Development Zone, Beijing City, China.**
Manufacturer	:	**Beijing Xiaomi Electronics Co., Ltd.** **Room 802, Floor 8, Building 5, No.15 KeChuang 10th Road, Beijing Economic and Technological Development Zone, Beijing City, China.**
Standard	:	**FCC Part 15 Subpart E**

The product was received on Apr. 29, 2025 and testing was performed from May 06, 2025 to May 08, 2025. 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 FCC Part 15 Subpart E and shown compliance with the applicable technical standards.

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.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333

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History of this test report

Report No.	Version	Description	Issue Date
FZ530461	01	Initial issue of report	Jun. 20, 2025
FZ530461	02	Revise Product Feature of Equipment Under Test This report is an updated version, replacing the report issued on Jun. 20, 2025	Jul. 02, 2025

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	7.8.1	U-NII Detection Bandwidth	Pass	-
3.3	7.8.2	Channel Availability Check Time	Pass	-
3.4	7.8.3	Channel Move Time	Pass	-
		Channel Closing Transmission Time	Pass	-
		Non-Occupancy Period Test	Pass	-
3.5	7.8.4	Statistical Performance Check	Pass	-

Conformity Assessment Condition:
The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
Disclaimer:
The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Lewis Ho

Report Producer: Jessie Ho

1 General Description

1.1 Feature of Equipment Under Test

Product Feature
General Specs Wi-Fi 2.4GHz 802.11b/g/n and Wi-Fi 5GHz 802.11a/n/ac/ax. **Antenna Type** **WLAN:** PCB Antenna

Remark: The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

1.2 Modification of EUT

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

1.3 Testing Site

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333 TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	**Sporton Site No.**
	DF02-HY

FCC designation No.: TW1190

1.4 Applied Standards

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

- FCC Part 15 Subpart E
- FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02
- FCC KDB 905462 D03 UNII Clients Without Radar Detection New Rules v01r02

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. The TAF code is not including all the FCC KDB listed without accreditation.

1.5 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	HW / FW Version	Power Cord
1.	Notebook	acer	N15C1	PPD-QCNFA435	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m

2 Requirements and Parameters for DFS Test

2.1 Summary of Dynamic Frequency Selection Test

UNII	Description	Limit
U-NII Band 2-C 5470-5725 MHz	Channel Availability Check Time	> 60sec
	U-NII Detection Bandwidth	> 100% of the U-NII 99% transmission power bandwidth
	Statistical Performance Check	Type 1,2,3,4 >= 60% Type 1~4 and 5 >= 80% Type 6 >= 70%
	Channel Move Time	< 10 sec
	Channel Closing Transmission Time	< 200 ms + aggregate of 60 ms over remaining 10 s period
	Non-Occupancy Period Test	> 30 minutes

2.2 Applicability of DFS Requirements

EUT is considered as a master device.

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 (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 DFS Detection Thresholds

Table 3 below provides the DFS Detection Thresholds for Master Devices as well as Client Devices incorporating In-Service Monitoring.

Table 3: DFS Detection Thresholds for Master Devices

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. **Note 3:** 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 Interference Detection Threshold is the (-64dBm) + (3.63) [dBi]+ 1 dB=-59.37dBm.

2.4 DFS Response requirement values

Table 4 provides the response requirements for Master and Client Devices incorporating DFS.

Table 4: DFS Response 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 period. See Notes 1 and 2.
U-NII Detection Bandwidth	Minimum 100% of the 99% 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 *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.

2.5 Short Pulse Radar Test Waveforms

Radar 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	See Note 1.	See Note 1.
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. 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.

Table 5a - Pulse Repetition Intervals Values for Test A

Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)
1	1930.5	518
2	1858.7	538
3	1792.1	558
4	1730.1	578
5	1672.2	598
6	1618.1	618
7	1567.4	638
8	1519.8	658
9	1474.9	678
10	1432.7	698
11	1392.8	718
12	1355.0	738
13	1319.3	758
14	1285.3	778
15	1253.1	798
16	1222.5	818
17	1193.3	838
18	1165.5	858
19	1139.0	878
20	1113.6	898
21	1089.3	918
22	1066.1	938
23	326.2	3066

2.6 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 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 test signal. If more than 30 waveforms are used for the Long Pulse radar test signal, then each additional waveform must also be unique and not repeated from the previous waveforms. Each waveform is defined as follows:

Note: The center frequency for each of the 30 trials of the Bin 5 radar shall be randomly selected within 80% of the Occupied Bandwidth.

(1) The transmission period for the Long Pulse Radar test signal is 12 seconds.

(2) 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.

(3) 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.

(4) 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.

(5) 5) Each pulse has a linear frequency modulated 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

(6) 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.

(7) 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.

A representative example of a Long Pulse radar test waveform:

(1) The total test signal length is 12 seconds.

(2) 8 Bursts are randomly generated for the Burst_Count.

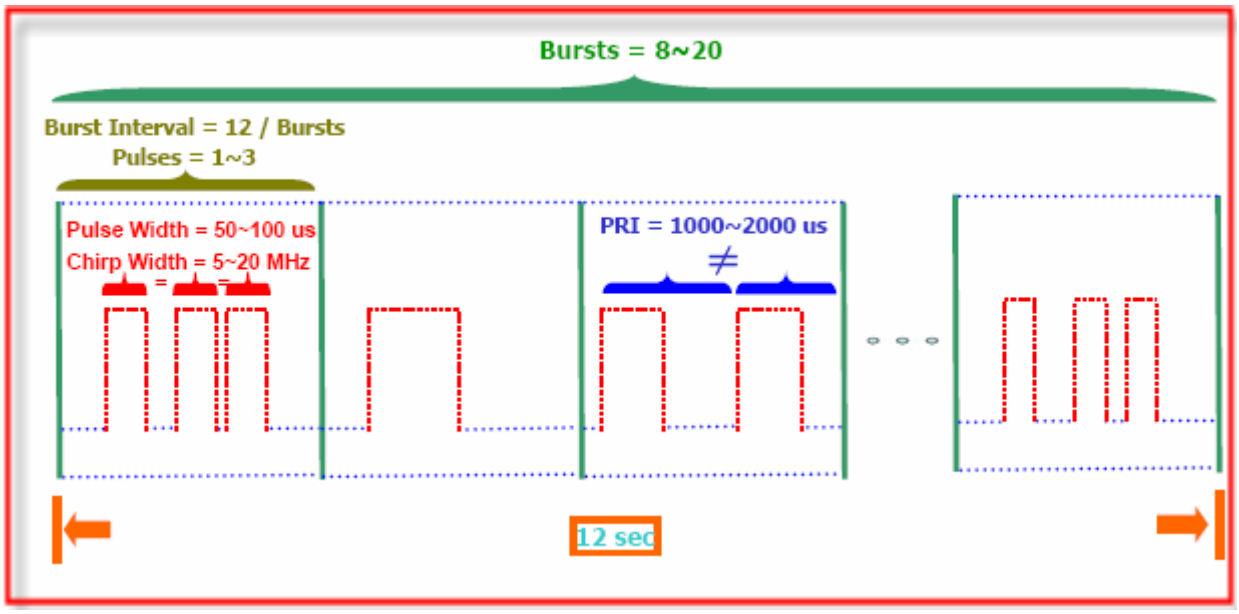
(3) Burst 1 has 2 randomly generated pulses.

(4) The pulse width (for both pulses) is randomly selected to be 75 microseconds.

(5) The PRI is randomly selected to be at 1213 microseconds.

(6) Bursts 2 through 8 are generated using steps 3 – 5.

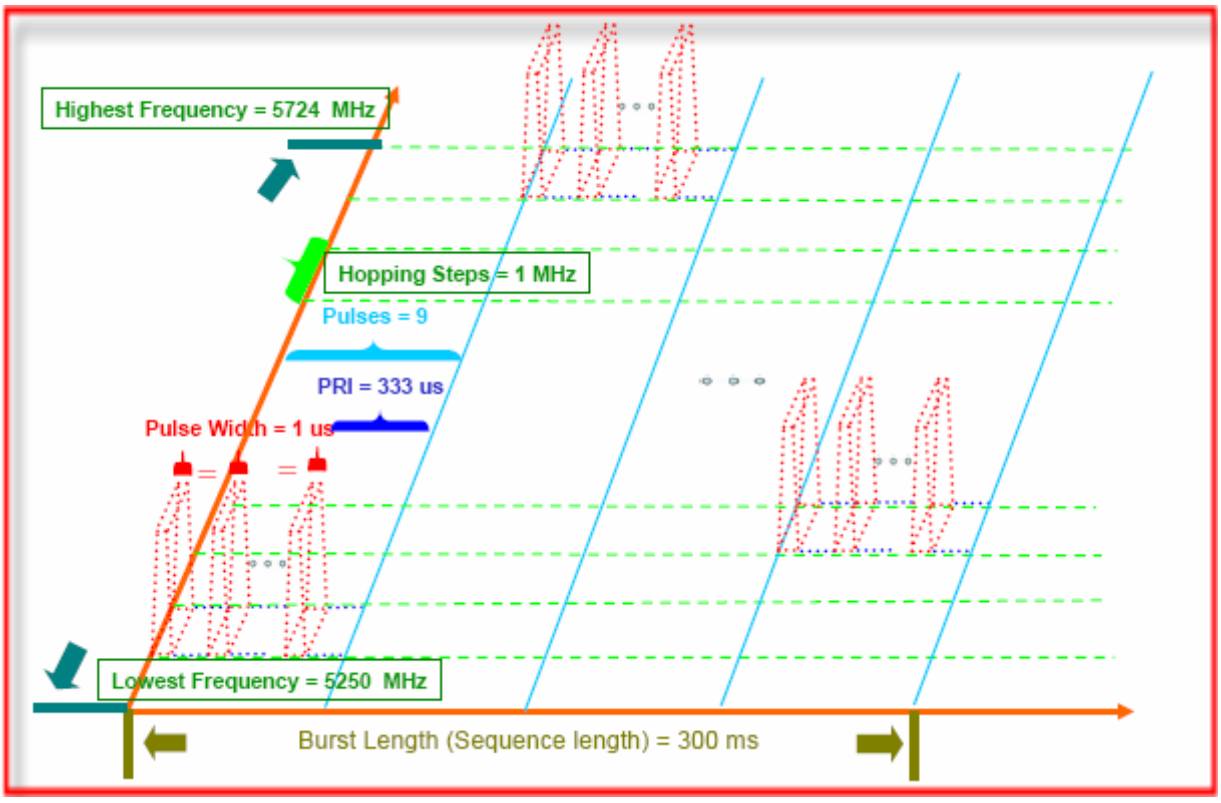
(7) Each Burst is contained in even intervals of 1,500,000 microseconds. The starting location for Pulse 1, Burst 1 is randomly generated (1 to 1,500,000 minus the total Burst 1 length + 1 random PRI interval) at the 325,001 microsecond step. Bursts 2 through 8 randomly fall in successive 1,500,000 microsecond intervals (i.e. Burst 2 falls in the 1,500,001 – 3,000,000 microsecond range).



2.7 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 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.



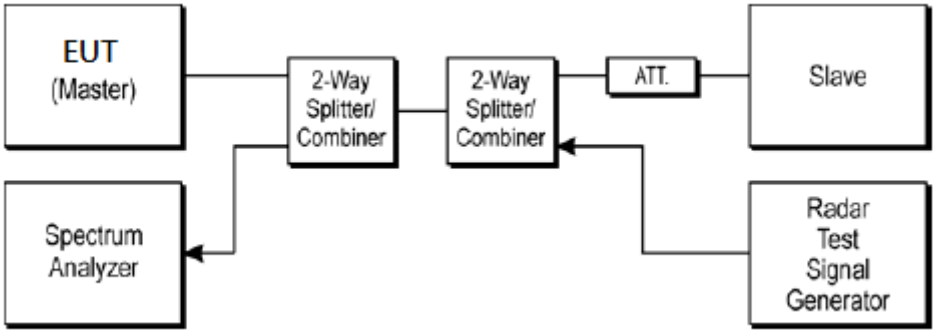
3 Calibration Setup and DFS Test Results

3.1 Calibration of Radar Waveform

3.1.1 Radar Waveform Calibration Procedure

The Interference Radar Detection Threshold Level is (-64 dBm) + (3.63) [dBi] + 1dB =-59.37dBm that had been taken into account the output power range and antenna gain. The following equipment setup was used to calibrate the conducted Radar Waveform. A vector signal generator was utilized to establish the test signal level for radar type 0~6. 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 radar waveform. The vector signal generator amplitude was set so that the power level measured at the spectrum analyzer was () + () [dBi] + 1dB = dBm. Capture the spectrum analyzer plots on radar waveform.

3.1.2 Conducted Calibration Setup



3.1.3 Calibration Deviation

There is no deviation with the original standard.

3.1.4 Radar Waveform Calibration Result

<5500MHz / 20MHz>

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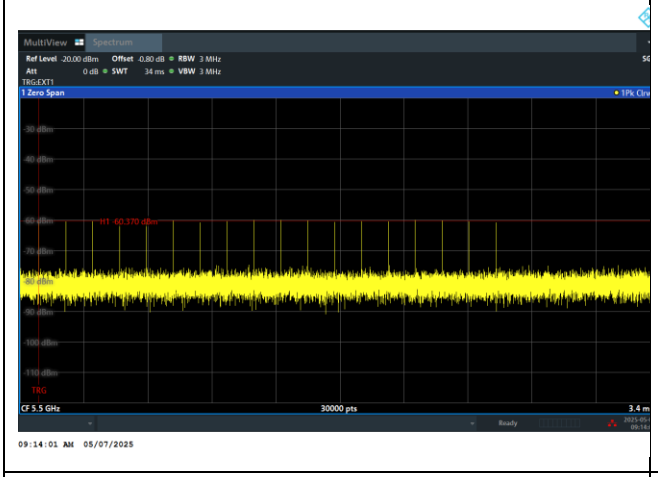	
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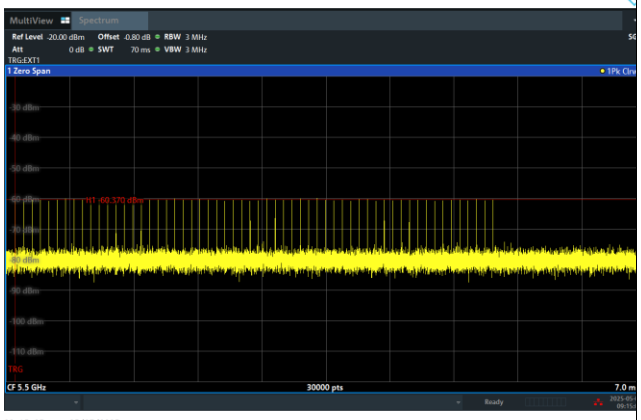	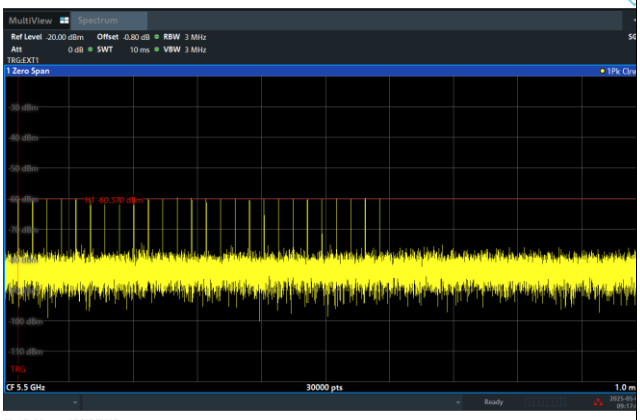
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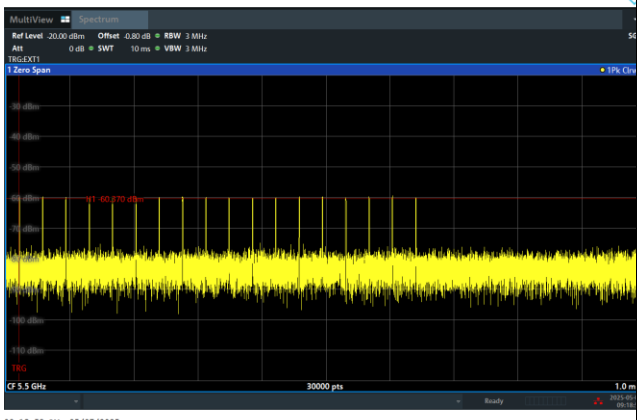
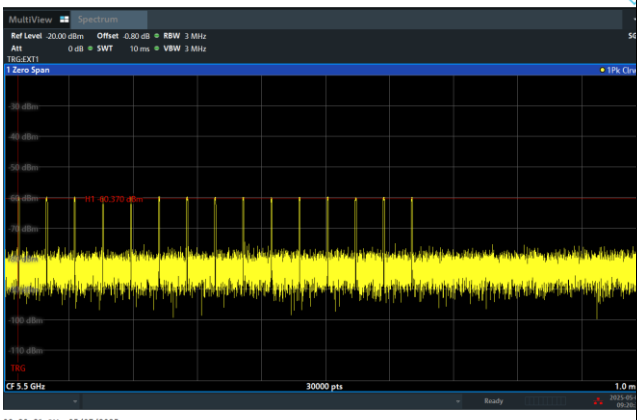
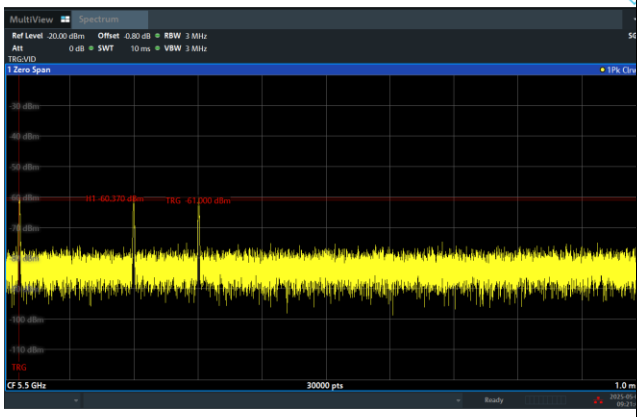
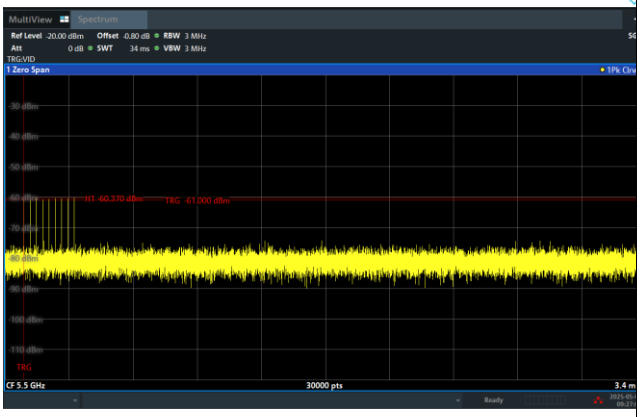
	

Single Burst of Radar Type 5	Single Burst of Radar Type 6
	

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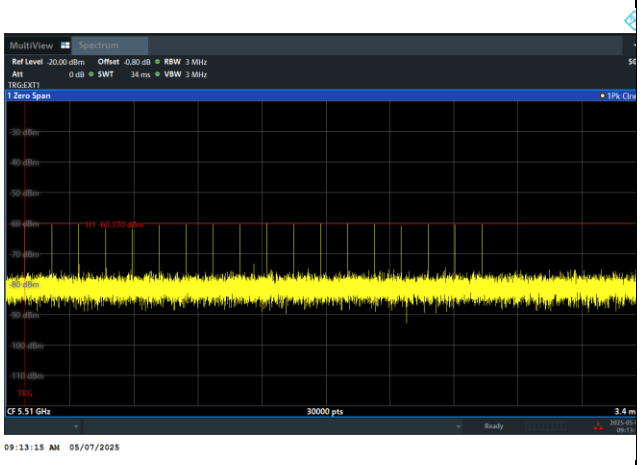	
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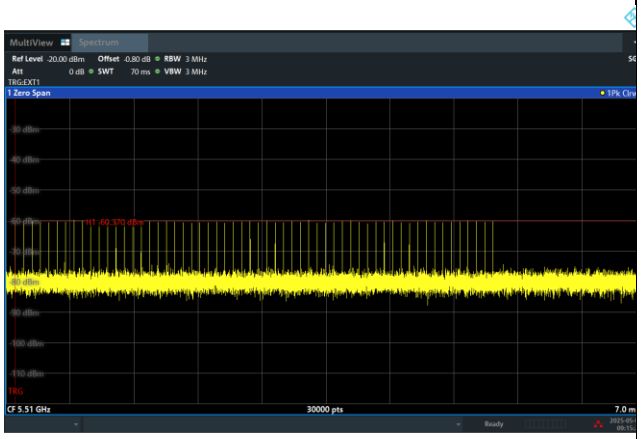	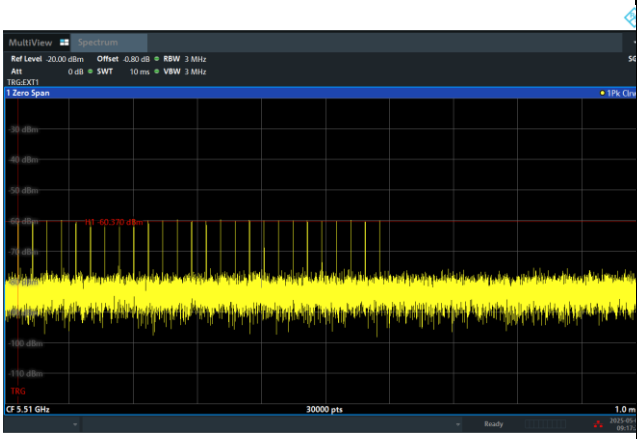
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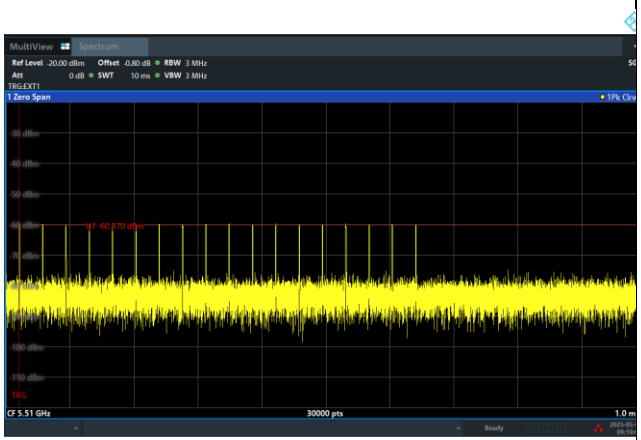
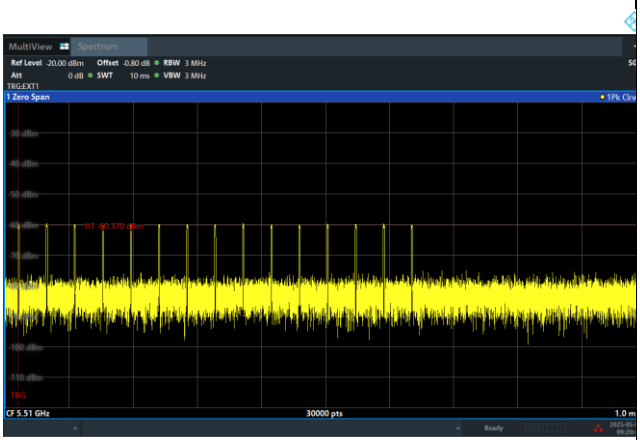
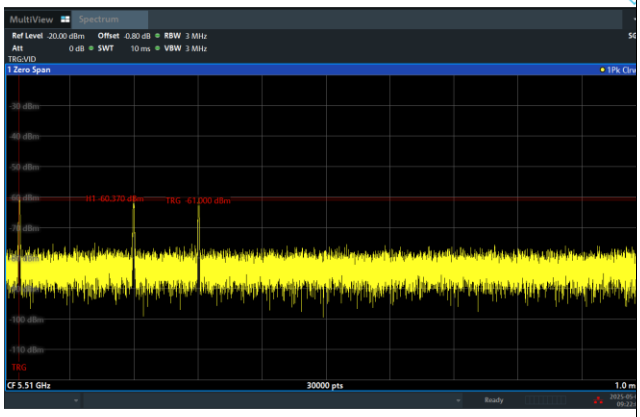
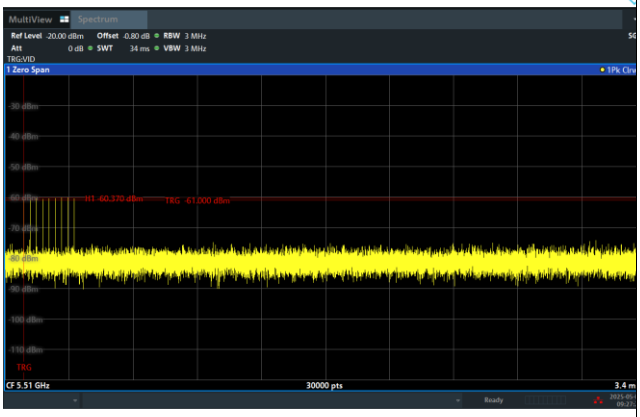
	

Single Burst of Radar Type 5	Single Burst of Radar Type 6
	

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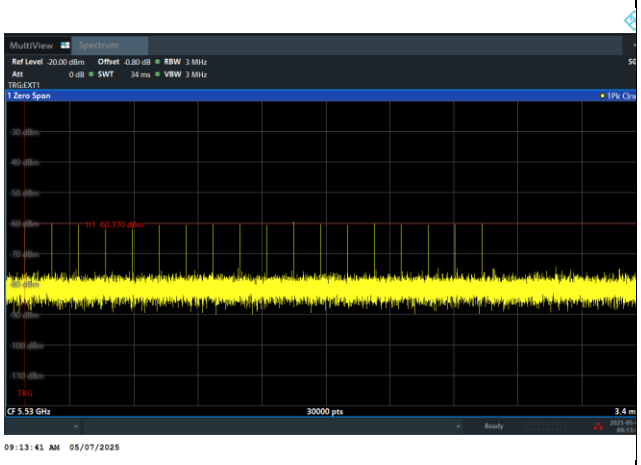	
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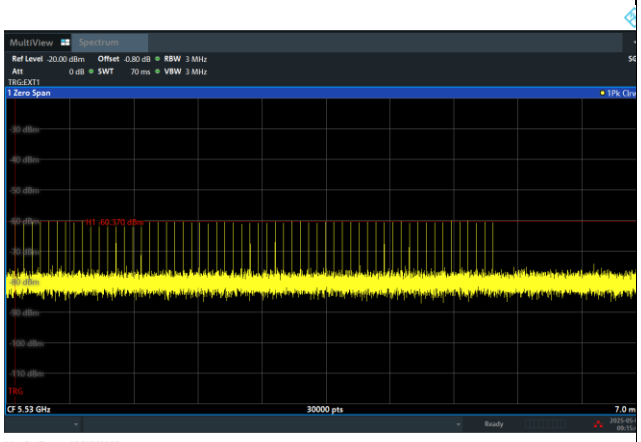	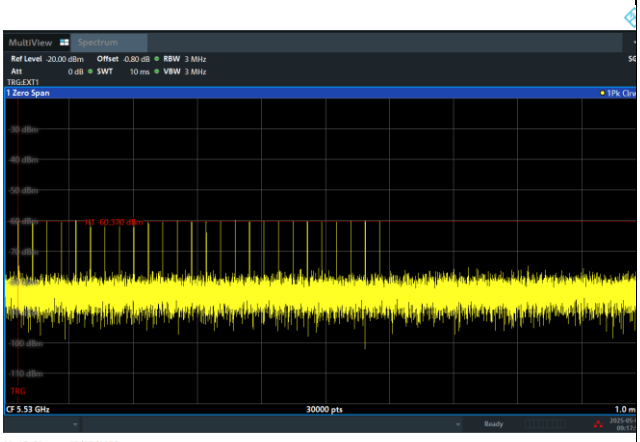
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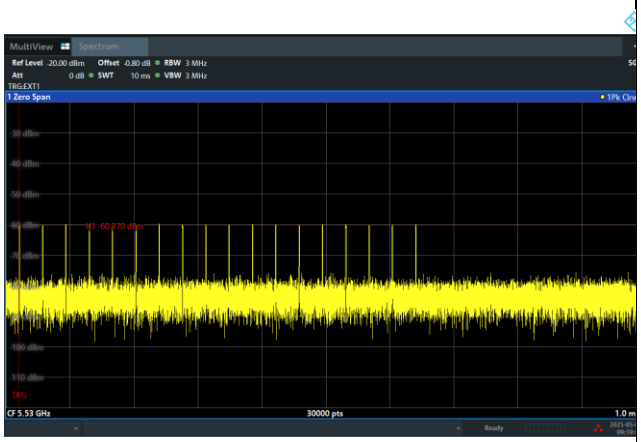
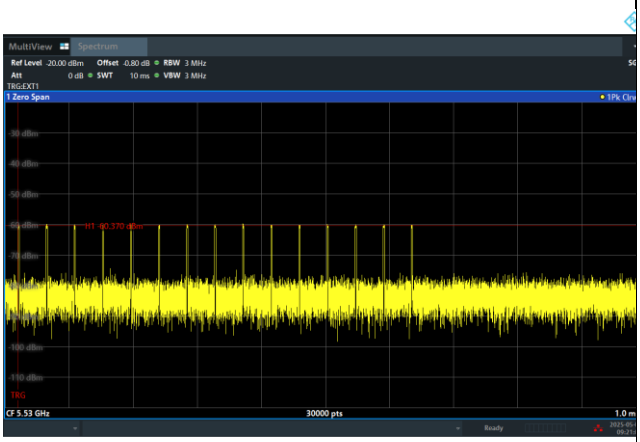
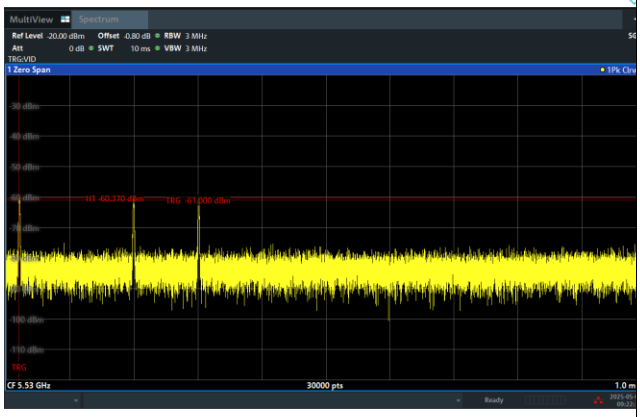
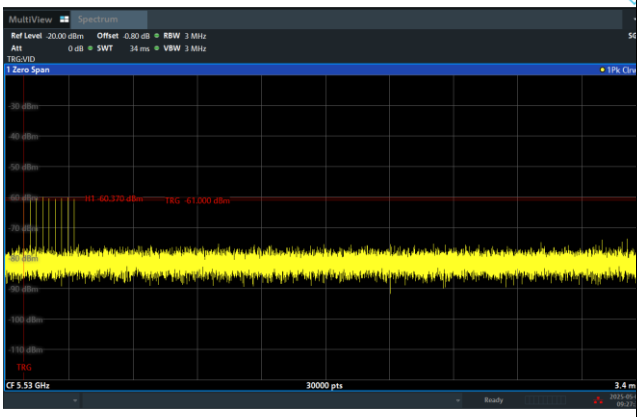
	

Single Burst of Radar Type 5	Single Burst of Radar Type 6
	

3.2 U-NII Detection Bandwidth

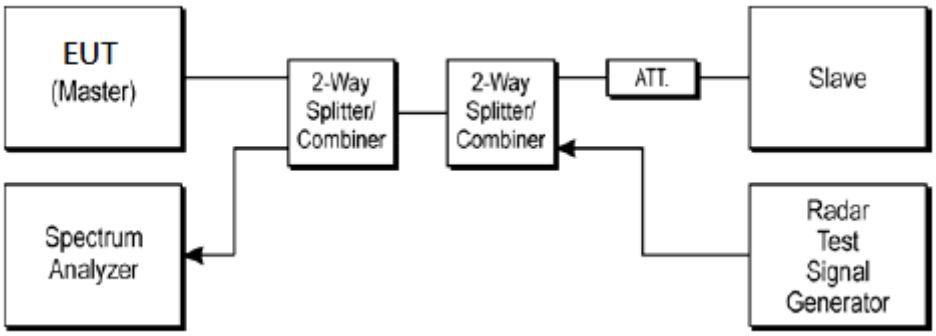
3.2.1 Limit of U-NII Detection Bandwidth

The U-NII Detection Bandwidth shall contain minimum 100% of the 99% power bandwidth.
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.

3.2.2 Test Procedures

(1) Adjust the equipment to produce a single burst of the Short Pulse Radar Type 0 at the center frequency of the EUT Operating Channel at the specified DFS Detection Threshold level.
(2) Set the EUT up as a standalone device (no associated Client or Master, as appropriate) and no traffic. Frame based systems will be set to a talk/listen ratio of 0%/100% during this test.
(3) Generate a single radar burst, and note the response of the EUT. Repeat for a minimum of 10 trials. The EUT must detect the Radar Waveform using the specified U-NII Detection Bandwidth criterion.
(4) Starting at the center frequency of the EUT operating Channel, increase the radar frequency in 5 MHz steps, repeating the above test sequence, until the detection rate falls below the U-NII Detection Bandwidth criterion specified in report clause 2.3. Repeat this measurement in 1MHz steps at frequencies 5 MHz below where the detection rate begins to fall. Record the highest frequency (denote as F_H) at which detection is greater than or equal to the U-NII Detection Bandwidth criterion. Recording the detection rate at frequencies above FH is not required to demonstrate compliance.
(5) Starting at the center frequency of the EUT operating Channel, decrease the radar frequency in 5 MHz steps, repeating the above test sequence, until the detection rate falls below the U-NII Detection Bandwidth criterion specified in report clause 2.3. Repeat this measurement in 1MHz steps at frequencies 5 MHz above where the detection rate begins to fall. Record the lowest frequency (denote as F_L) at which detection is greater than or equal to the U-NII Detection Bandwidth criterion. Recording the detection rate at frequencies below FL is not required to demonstrate compliance.
(6) The U-NII Detection Bandwidth is calculated as follows:
U-NII Detection Bandwidth = $F_H - F_L$

3.2.3 Test Setup



3.2.4 Test Deviation

There is no deviation with the original standard.

3.2.5 Result of U-NII Detection Bandwidth

<20MHz / 5500MHz>

Frequency (MHz)	Fc	Trial Number (Detection = Y, No Detection = N)										Rate (%)	F_H/F_L
		1	2	3	4	5	6	7	8	9	10		
5489	-11	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5490	-10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	FL
5491	-9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5492	-8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5493	-7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5494	-6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5495	-5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5500	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5505	5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5506	6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5507	7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5508	8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5509	9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5510	10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	FH
5511	11	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
Detection Bandwidth = $F_H - F_L$ = **5510** – **5490** = **20** MHz EUT 99% Bandwidth = 19.317 MHz (Refer to channel 60)													

<40MHz / 5510MHz>

Frequency (MHz)	Fc	Trial Number (Detection = Y, No Detection = N)										Rate (%)	F_H/F_L
		1	2	3	4	5	6	7	8	9	10		
5489	-21	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5490	-20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	FL
5491	-19	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5492	-18	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5493	-17	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5494	-16	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5495	-15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5500	-10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5505	-5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5510	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5515	5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5520	10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5525	15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5526	16	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5527	17	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5528	18	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5529	19	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5530	20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	FH
5531	21	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	

Detection Bandwidth = $F_H - F_L$ = **5530** – **5490** = **40** MHz

EUT 99% Bandwidth = 37.575 MHz (Refer to channel 60)

<80MHz / 5530MHz>

Frequency (MHz)	Fc	Trial Number (Detection = Y, No Detection = N)										Rate (%)	F_H/F_L
		1	2	3	4	5	6	7	8	9	10		
5489	-41	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5490	-40	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	FL
5491	-39	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5492	-38	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5493	-37	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5494	-36	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5495	-35	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5500	-30	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5505	-25	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5510	-20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5515	-15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5520	-10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5525	-5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5530	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5535	5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5540	10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5545	15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5550	20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5555	25	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5560	30	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5565	35	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5566	36	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5567	37	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5568	38	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5569	39	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5570	40	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	FH
5571	41	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
Detection Bandwidth = $F_H - F_L$ = **5570** – **5490** = **80** MHz EUT 99% Bandwidth = 77.051 MHz (Refer to channel 60)													

3.3 Channel Availability Check

3.3.1 Limit of Channel Availability Check

The Initial Channel Availability Check Time tests that the EUT does not emit beacon, control, or data signals on the test Channel until the power-up sequence has been completed and the U-NII device checks for radar waveforms for **one minute** on the test Channel.

3.3.2 Test Procedures of Initial Channel Availability Check Time

This test does not use any radar waveforms and only needs to be performed one time.

(1) The U-NII devices will be powered on and be instructed to operate on the appropriate U-NII Channel that must incorporate DFS functions. At the same time the EUT is powered on, the spectrum analyzer will be set to zero span mode with a 3 MHz RBW and 3 MHz VBW on the Channel occupied by the radar (Chr) with a 2.5 minute sweep time. The spectrum analyzer's sweep will be started at the same time power is applied to the U-NII device.
(2) The EUT should not transmit any beacon or data transmissions until at least 1 minute after the completion of the power-on cycle.

3.3.3 Radar Burst at the Beginning of the Channel Availability Check Time

The steps below define the procedure to verify successful radar detection on the test Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold + 1 dB occurs at the beginning of the Channel Availability Check Time. This is illustrated in Figure 15.

(1) The Radar Waveform generator and EUT are connected using the applicable test setup and the power of the EUT is switched off.
(2) The EUT is powered on at T0. T1 denotes the instant when the EUT has completed its power-up sequence (Tpower_up). The Channel Availability Check Time commences on Chr at instant T1 and will end no sooner than T1 + Tch_avail_check.
(3) A single Burst of one of the Short Pulse Radar Types 1-4 will commence within a 6 second window starting at T1. 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 variations/errors.
(4) Visual indication or measured results on the EUT of successful detection of the radar Burst will be recorded and reported. Observation of Chr for EUT emissions will continue for 2.5 minutes after the radar Burst has been generated.
(5) Verify that during the 2.5 minute measurement window no EUT transmissions occurred on Chr. The Channel Availability Check results will be recorded.

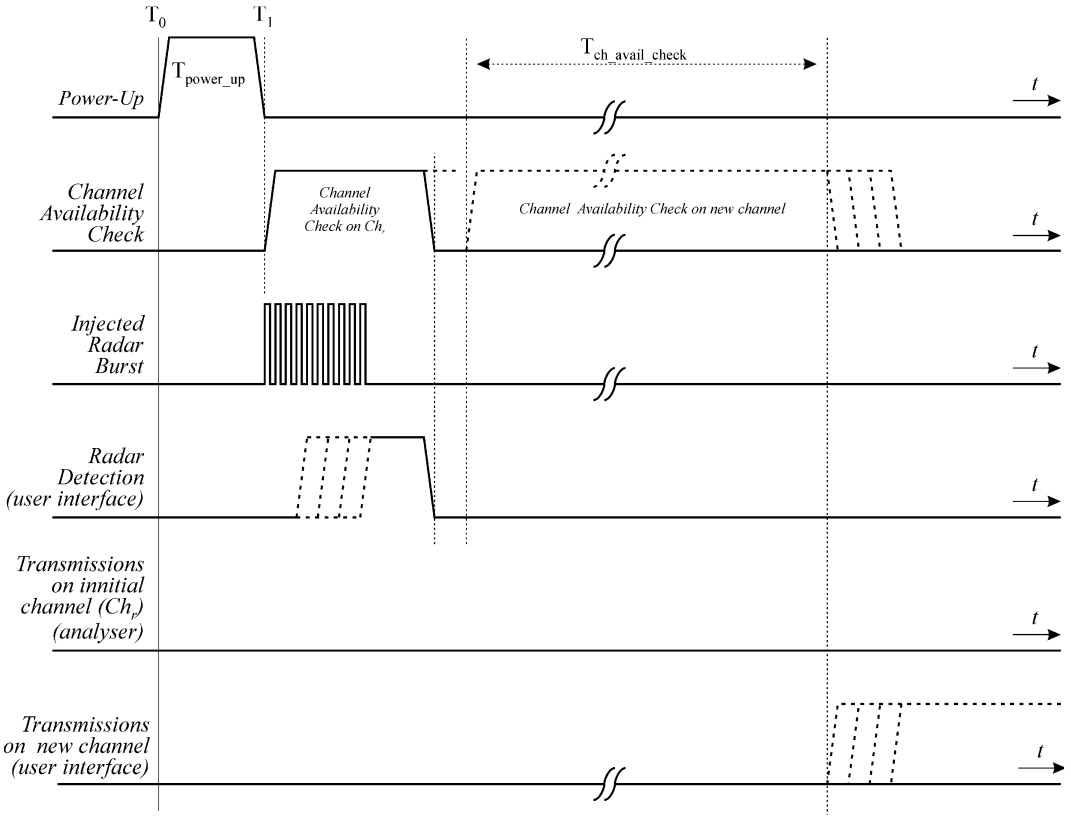


Figure 15: Example of timing for radar testing at the beginning of the Channel Availability Check Time

3.3.4 Radar Burst at the End of the Channel Availability Check Time

The steps below define the procedure to verify successful radar detection on the test Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold + 1dB occurs at the end of the Channel Availability Check Time. This is illustrated in Figure 16.

(1) The Radar Waveform generator and EUT are connected using the applicable test setup and the power of the EUT is switched off.
(2) The EUT is powered on at T0. T1 denotes the instant when the EUT has completed its power-up sequence (Tpower_up). The Channel Availability Check Time commences on Chr at instant T1 and will end no sooner than T1 + Tch_avail_check.
(3) A single Burst of one of the Short Pulse Radar Types 1-4 will commence within a 6 second window starting at T1 + 54 seconds. 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 variations/errors.
(4) Visual indication or measured results on the EUT of successful detection of the radar Burst will be recorded and reported. Observation of Chr for EUT emissions will continue for 2.5 minutes after the radar Burst has been generated.
(5) Verify that during the 2.5 minute measurement window no EUT transmissions occurred on Chr. The Channel Availability Check results will be recorded.

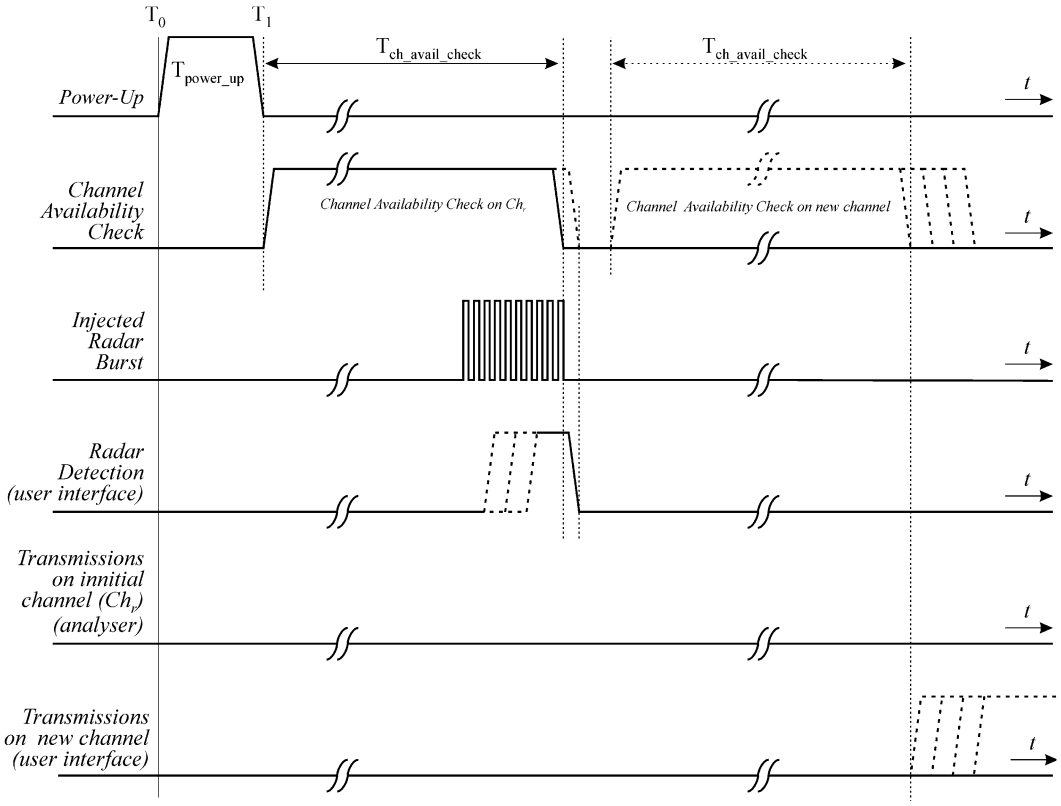
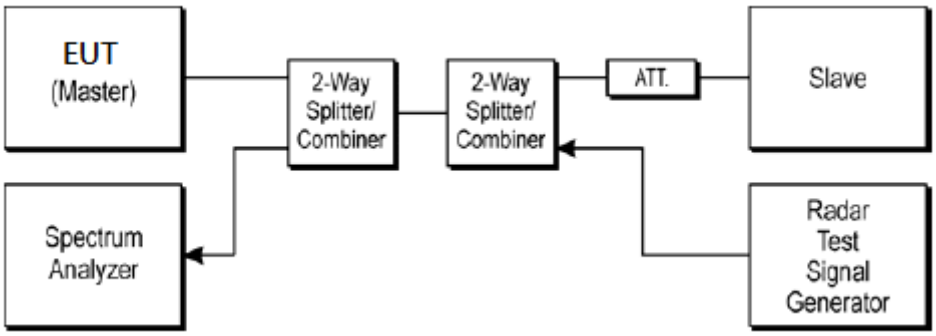


Figure 16: Example of timing for radar testing towards the end of the Channel Availability Check Time

3.3.5 Test Setup

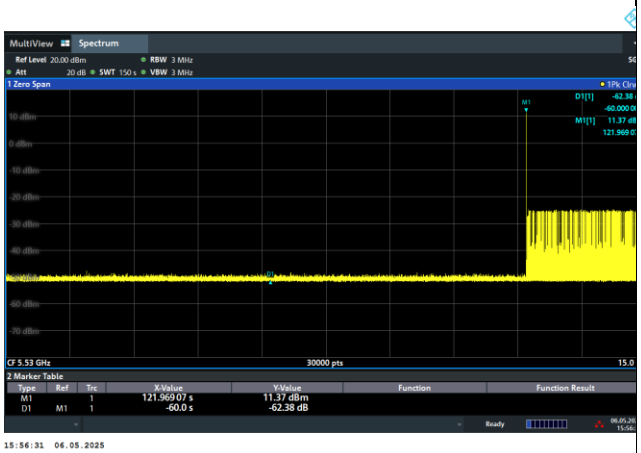
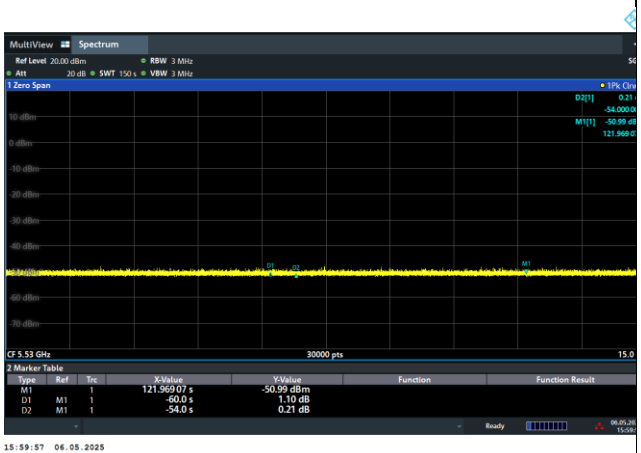
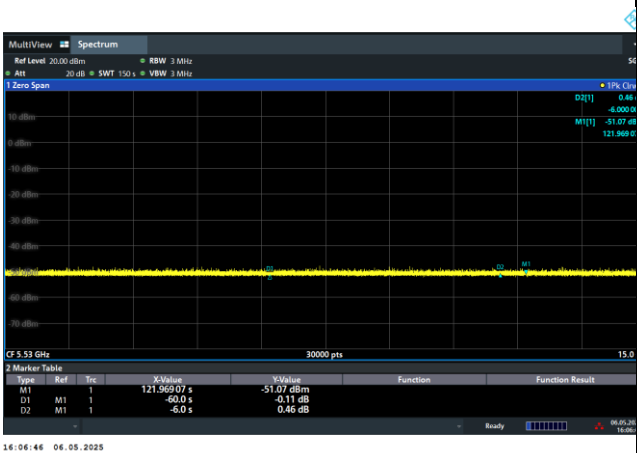


3.3.6 Test Deviation

There is no deviation with the original standard.

3.3.7 Result of Channel Availability Check Time

<80MHz / 5530MHz>

EUT Power up and Initial Channel Availability Check Time	
	
Radar Burst at the Beginning of the Channel Availability Check Time	**Radar Burst at the End of the Channel Availability Check Time**
	

Marker 1 (Delta2): 60 seconds before End of Channel Availability Check

Marker 2: End of Channel Availability Check

Marker 3: 54 seconds or 6 seconds before End of Channel Availability Check

3.4 In-Service Monitoring: Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period

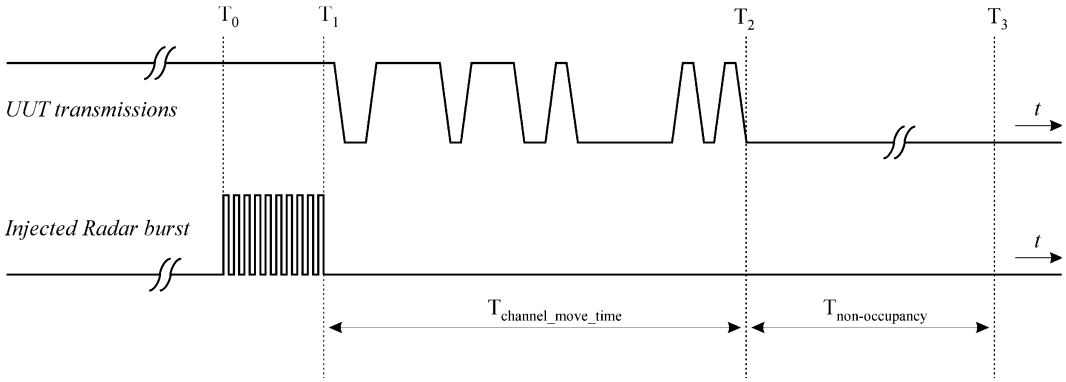
3.4.1 Limit of In-Service Monitoring

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 minute during which a Channel will not be utilized after a Radar Waveform is detected on that Channel.

3.4.2 Test Procedures

(1) 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.
(2) 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). 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. Vertical polarization is used for testing.
(3) The TCP protocol unicast data stream was generated by the iperf software command line with at least 17% activity ratio over any 100ms period.
(4) Timing plots are reported with calculations demonstrating a minimum channel loading of approximately 17% or greater. For example, channel loading can be estimated by setting the spectrum analyzer for zero span and approximate the Time On/ (Time On + Off Time).
(5) At time T0 the Radar Waveform generator sends a Burst of pulses for one of the Short Pulse Radar Types 1-4 at DFS Detection Threshold levels 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 variations/errors.
(6) 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 record the Channel Move Time and Channel Closing Transmission Time if radar detection occurs.

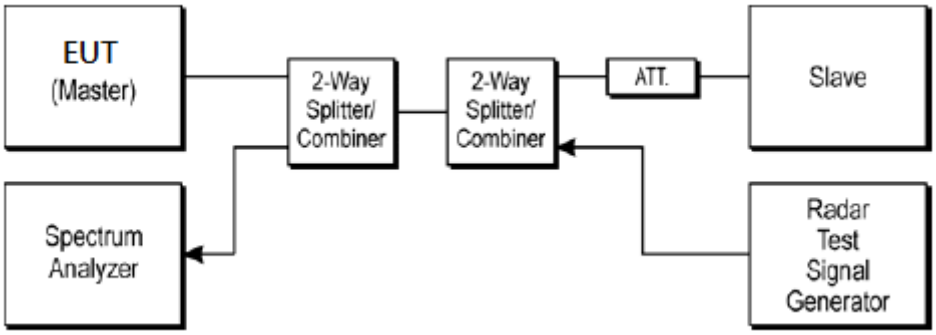
(7) When operating as a Master Device, monitor the EUT for more than 30 minutes following instant T2 to verify that the EUT does not resume any transmissions on this Channel. Perform this test once and record the measurement result.



(8) One 12 seconds plot is reported for the Short Pulse Radar Type 0.

(9) 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.

3.4.3 Test Setup



3.4.4 Test Deviation

There is no deviation with the original standard.

3.4.5 Result of Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period for Client Beacon Test

Test Mode :	Master	**Temperature :**	20.1 ~ 23.1 °C
Test Engineer :	Kai Liao, Ivy Yeh, Tommy Lee	**Relative Humidity :**	48.2 ~ 55.3 %

<AP Mode>

BW / Channel	Test Item	Test Result	Limit	Pass/Fail
<80MHz / 5530MHz>	Channel Move Time	**0.330004s**	**< 10s**	**Pass**
	Channel Closing Transmission Time	**200ms + 4.8ms**	**< 260ms**	**Pass**
	Non-Occupancy Period	**> 30 min**	**> 30 min**	**Pass**

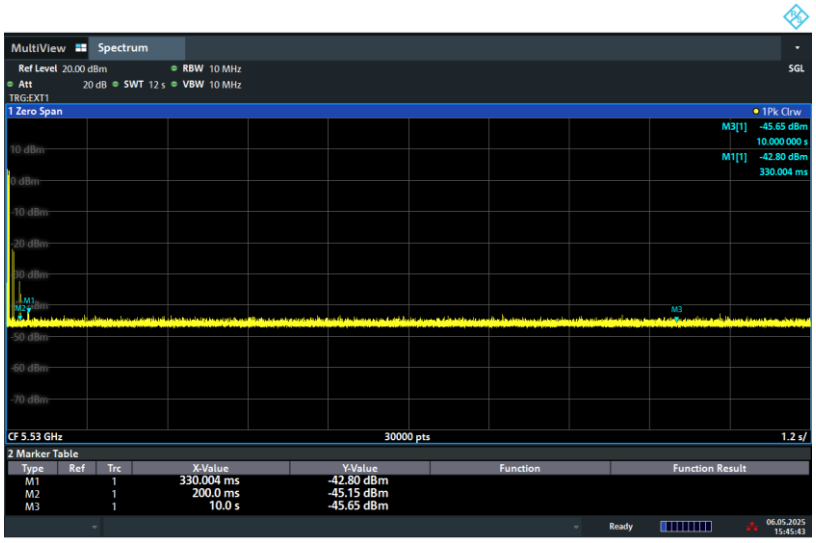
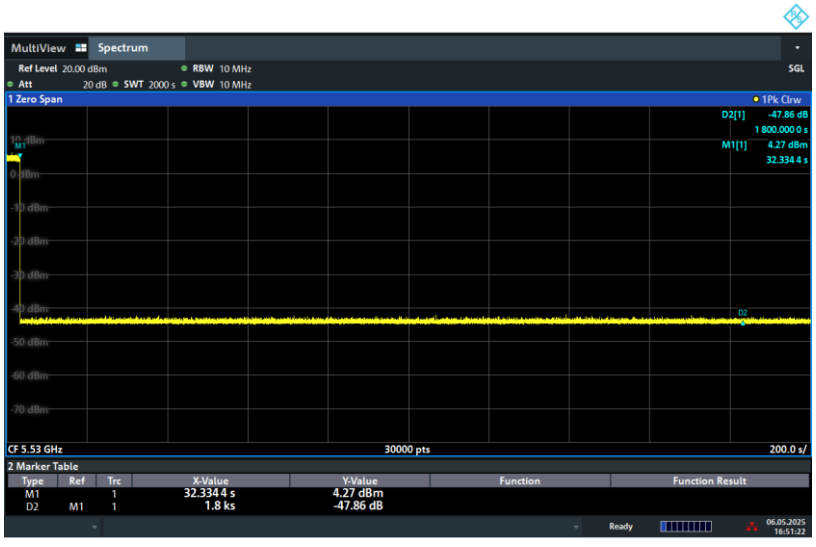
<Bridge Mode>

BW / Channel	Test Item	Test Result	Limit	Pass/Fail
<80MHz / 5530MHz>	Channel Move Time	**0.332411s**	**< 10s**	**Pass**
	Channel Closing Transmission Time	**200ms + 7.2ms**	**< 260ms**	**Pass**
	Non-Occupancy Period	**> 30 min**	**> 30 min**	**Pass**

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.

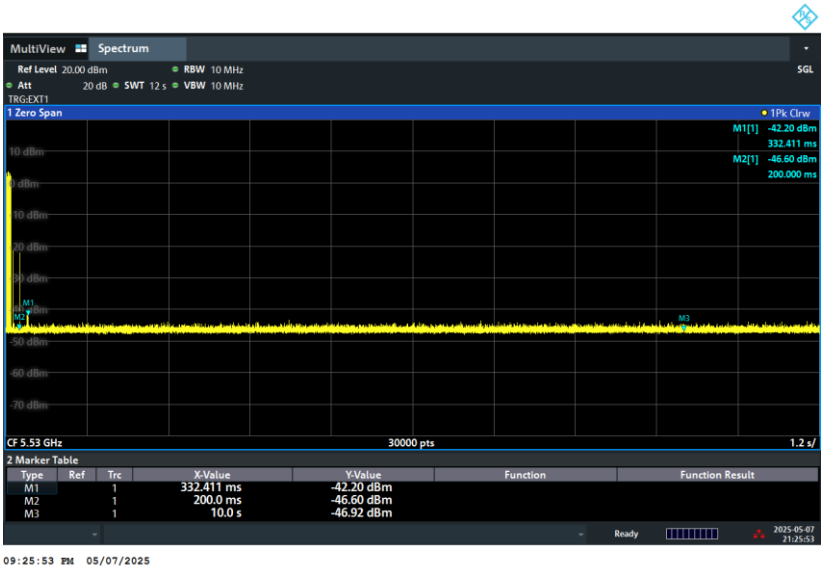
3.4.6 Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period Test Plots

<AP Mode>

<80MHz / 5530MHz> In-Service Monitoring
Channel Move Time & Channel Closing Transmission Time

Non-Occupancy Period

Note: Dwell (0.4 ms)= Sweep Time (12000 ms) / Sweep Point Bins (30000) Channel Closing Transmission Time (200 + 4.8 ms) = 200 + Number (12) X Dwell (0.4 ms) < 260ms

<Bridge Mode>

<80MHz / 5530MHz> In-Service Monitoring
Channel Move Time & Channel Closing Transmission Time



Note:

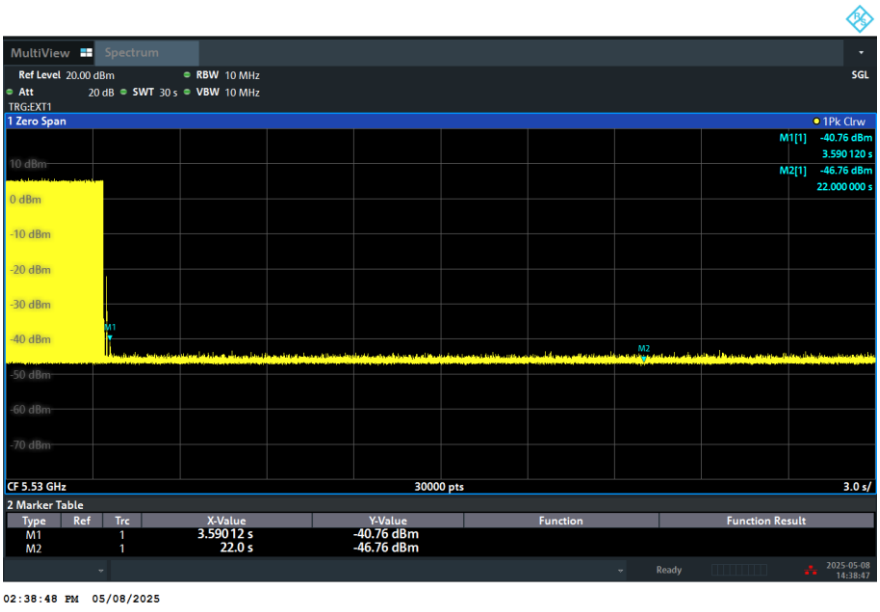
Dwell (0.4 ms)= Sweep Time (12000 ms) / Sweep Point Bins (30000)

Channel Closing Transmission Time (200 + 7.2 ms) = 200 + Number (18) X Dwell (0.4 ms) < 260ms

3.4.7 Long Pulsed Radar Type Channel Move Time Test Plots (22second)

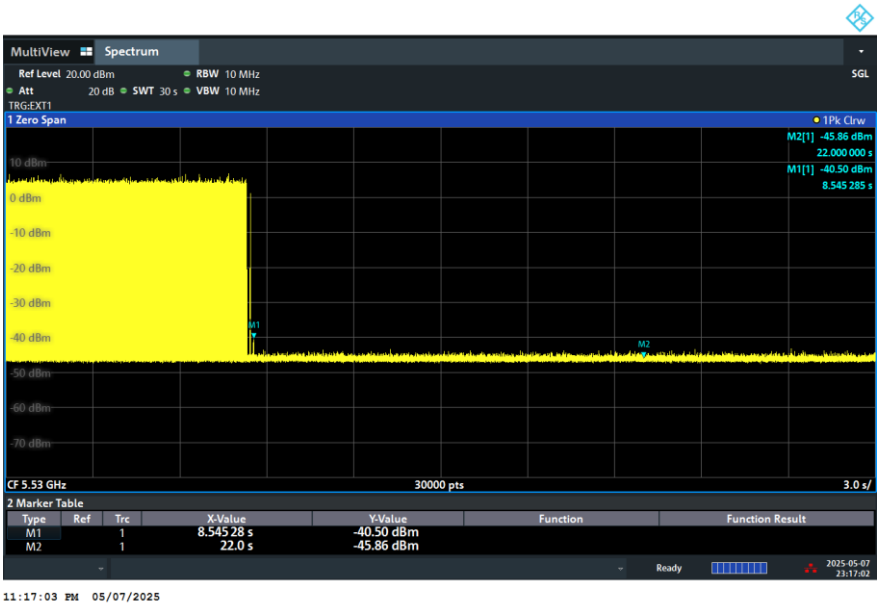
<AP Mode>

<80MHz / 5530MHz> Radar Type 5
Channel Move Time

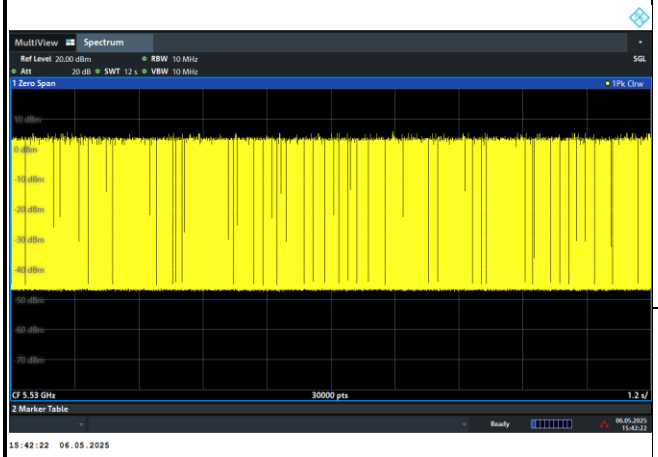
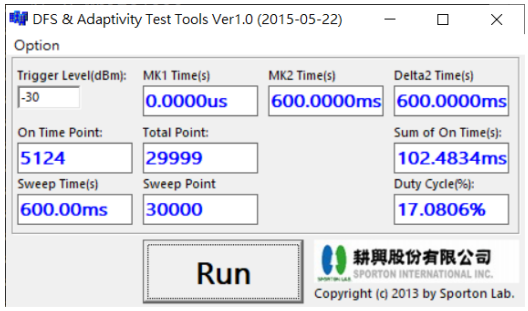


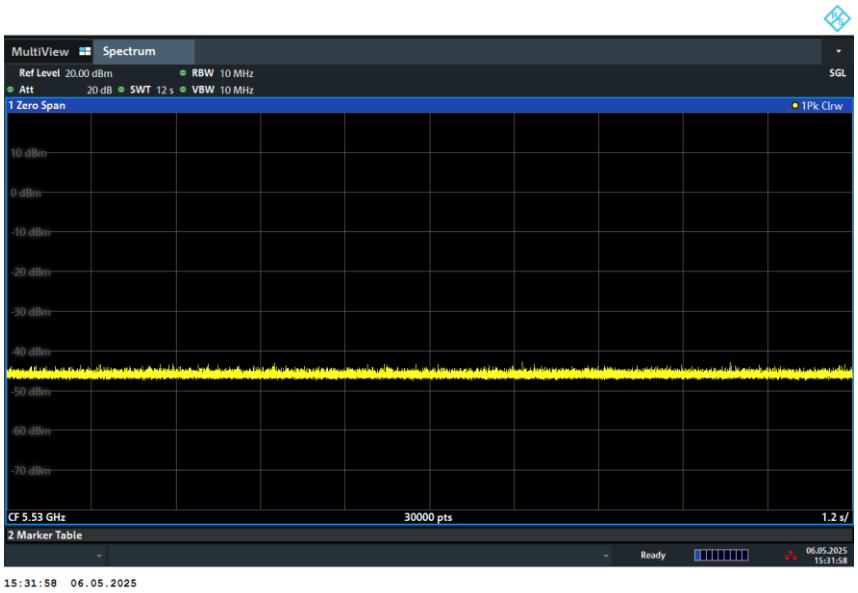
<Bridge Mode>

<80MHz / 5530MHz> Radar Type 5
Channel Move Time



3.4.8 Data Traffic Channel Loading and Noise Floor Plots

EUT data traffic (Master)	Channel Loading > 17% (Master)
	 

Noise Floor (No transmission)


3.5 Statistical Performance Check

3.5.1 Limit of Statistical Performance Check

Short Pulse Radar Test

Once the performance requirements check is complete, statistical data will be gathered, to determine the ability of the device to detect the radar test waveforms (Short Pulse Radar Types 1-4) found in **Table 5**. The device can utilize a test mode to demonstrate when detection occurs to prevent the need to reset the device between trials. The percentage of successful detection is calculated by:

$$\frac{TotalWaveformDetections}{TotalWaveformTrials} \times 100$$ = Percentage of Successful Detection *Radar Waveform* N = $P_d N$

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

$$\frac{P_d 1 + P_d 2 + P_d 3 + P_d 4}{4}$$

The minimum number of trails, minimum percentage of successful detection and the aggregate minimum percentage of successful detection are found in **Table 5**.

Table 5 – Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
1	1	1428	18	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

A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 1 through 4. For Short Pulse Radar Type 0, the same waveform is used a minimum of 30 times. 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.

Radar Type	Number of Trials	Number of Successful Detections	Minimum Percentage of Successful Detection
1	35	29	82.9%
2	30	18	60%
3	30	27	90%
4	50	44	88%
Aggregate (82.9% + 60% + 90% + 88%)/4 = 80.2%			

Long Pulse Radar Test

Statistical data will be gathered to determine the ability of the device to detect the Long Pulse Radar Type 5 found in **Table 6**. The device can utilize a test mode to demonstrate when detection occurs to prevent the need to reset the device between trials.

Table 6 – Long Pulse Radar Test Waveform

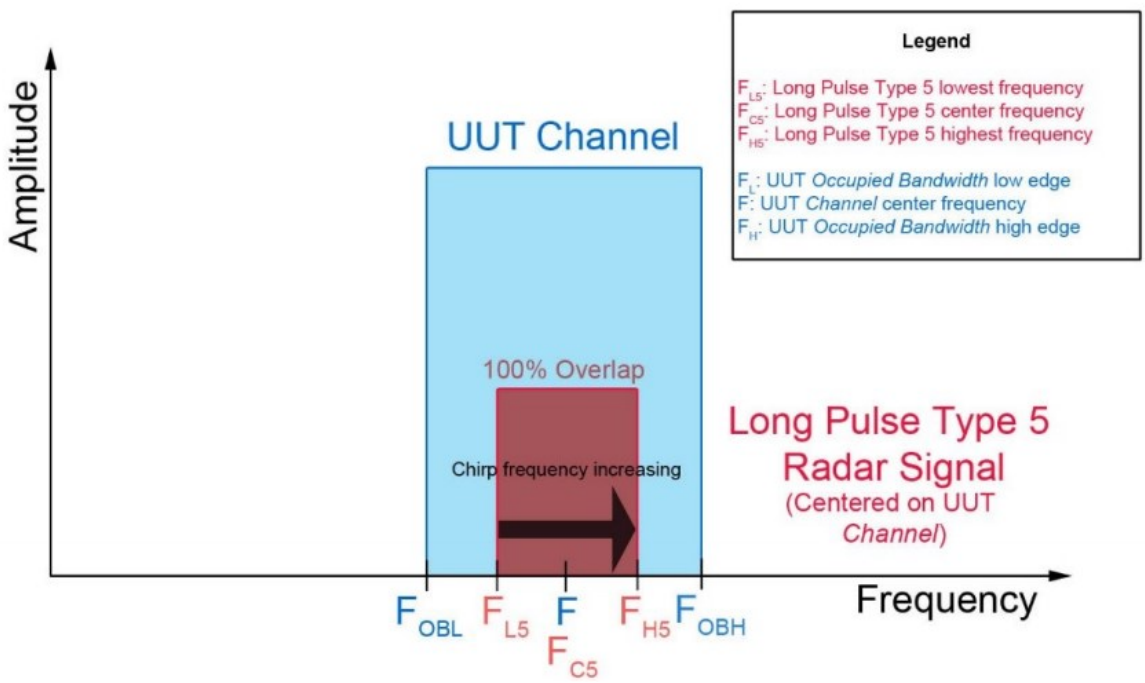
Radar Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Number of Pulses per *Burst*	Number of *Bursts*	Minimum Percentage of Successful Detection	Minimum Number of Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

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.

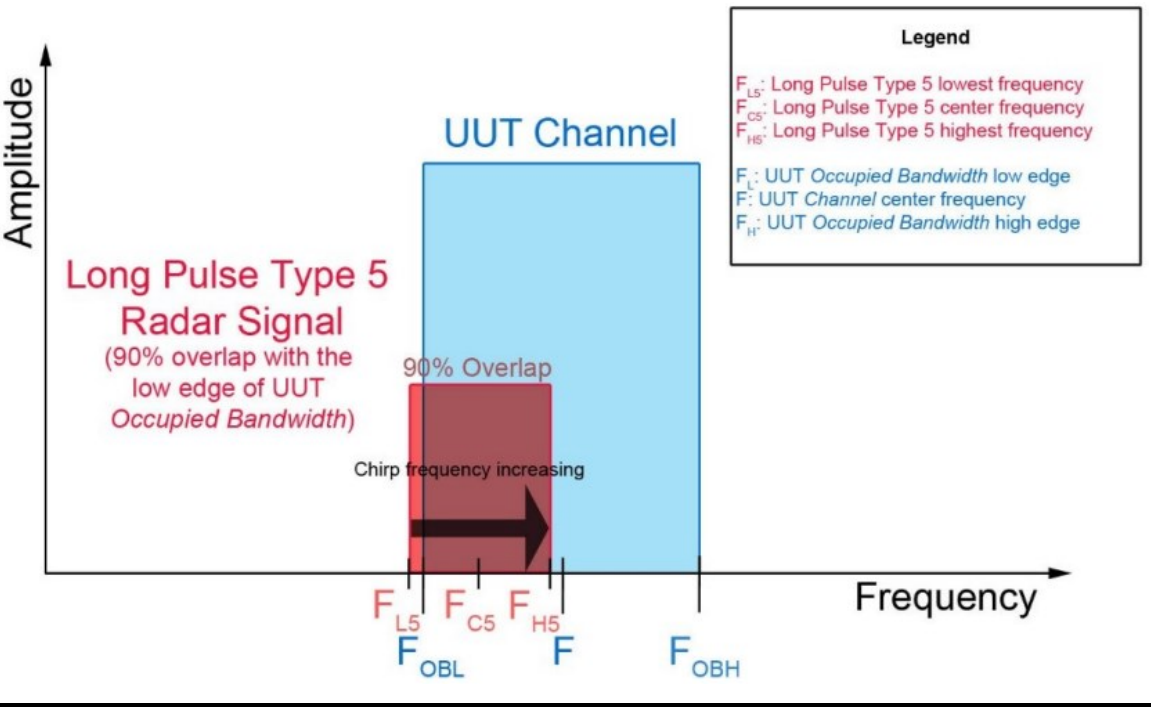
Three subsets of trials will be performed with a minimum of ten trials per subset.
The subset of trials differs in where the Long Pulse Type 5 Signal is tuned in frequency:
a) The Channel center frequency (subset case 1).
b) Tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation is within the low edge of the UUT Occupied Bandwidth (subset case 2).
c) Tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation is within the high edge of the UUT Occupied Bandwidth (subset case 3).

For subset case 1: the center frequency of the signal generator will remain fixed at the center of the UUT Channel.
For subset case 2: to retain 90% frequency overlap between the radar signal and the UUT Occupied Bandwidth, the center frequency of the signal generator will vary for each of the ten trials in subset case 2. The center frequency of the signal generator for each trial is calculated by: FL + (0.4 $*$ $Chirp\ Width$ [$in\ MHz$])
For subset case 3: to retain 90% frequency overlap between the radar signal and the UUT Occupied Bandwidth, the center frequency of the signal generator will vary for each of the ten trials in subset case 3. The center frequency of the signal generator for each trial is calculated by: FH − (0.4 $*$ $Chirp\ Width$ [$in\ MHz$])

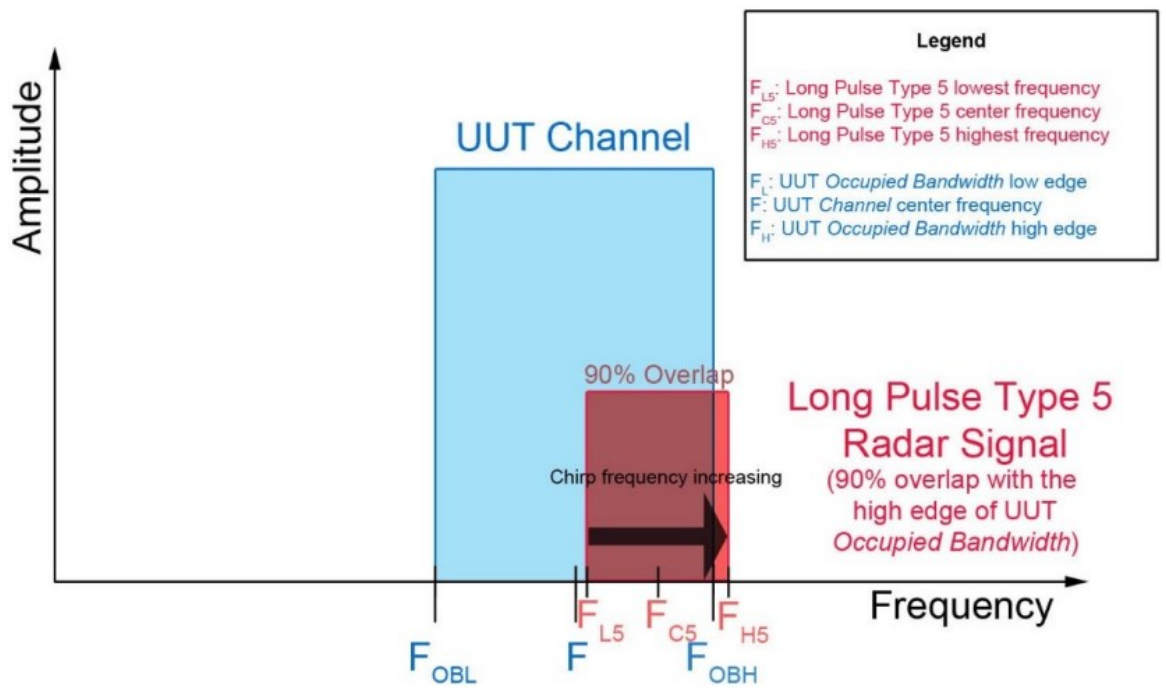
a) Channel center frequency (subset case 1)



b) Tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation is within the low edge of the UUT Occupied Bandwidth. (subset case 2)



c) Tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation is within the high edge of the UUT Occupied Bandwidth. (subset case 3)



The percentage of successful detection is calculated by:

$$\frac{TotalWaveformDetections}{TotalWaveformTrials} \times 100$$

Frequency Hopping Radar Test

Statistical data will be gathered to determine the ability of the device to detect the Frequency Hopping radar test signal (radar type 6) found in **Table 7**. The device can utilize a test mode to demonstrate when detection occurs to prevent the need to reset the device between trial runs. The probability of successful detection is calculated by:

$$\frac{TotalWaveformDetections}{TotalWaveformTrials} \times 100$$

Table 7 – Frequency Hopping Radar Test Waveform

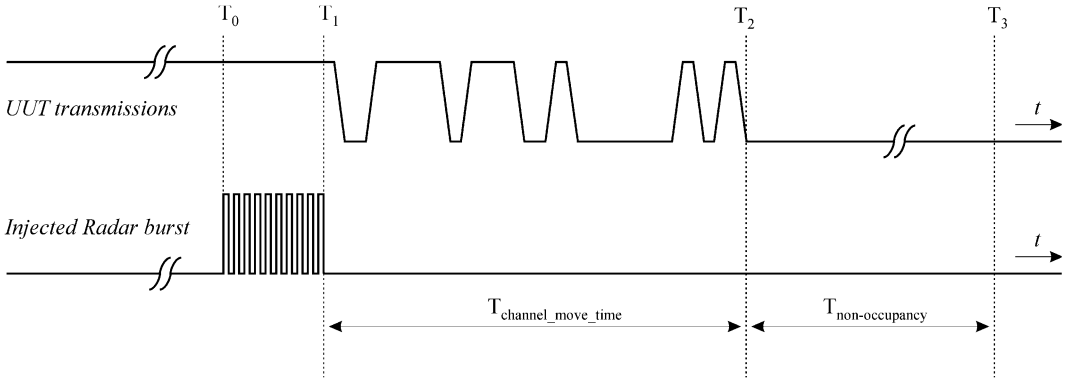
Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

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:

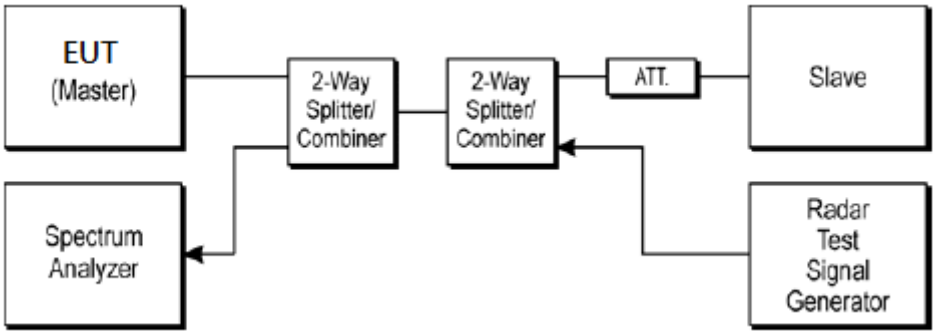
The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250 – 5724 MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues 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.

3.5.2 Test Procedures

(1) One frequency will be chosen from the Operating Channels of the EUT within the 5250-5350 MHz or 5470-5725 MHz bands.
(2) 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). If the Master Device has antenna gain, the main beam of the antenna will be directed toward the radar emitter. Vertical polarization is used for testing.
(3) The TCP protocol unicast data stream was generated by the iperf software command line with at least 17% activity ratio over any 100ms period.
(4) At time T0 the Radar Waveform generator sends a Burst of pulses for each of the Radar Types 1-6 at DFS Detection Threshold levels 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 variations/errors.
(5) Observe the transmissions of the EUT at the end of the Burst on the Operating Channel for duration greater than 10 seconds for Short Pulse Radar Types 1-4 and 6 to ensure detection occurs.
(6) Observe the transmissions of the EUT at the end of the Burst on the Operating Channel for duration greater than 22 seconds for Long Pulse Radar Type 5 to ensure detection occurs.



3.5.3 Test Setup



3.5.4 Test Deviation

There is no deviation with the original standard.

3.5.5 Result of Statistical Performance Check

<AP Mode>

<20MHz /5500MHz>

(Detection = Y, No Detection = N)						
Trial Number	**Type 1**	**Type 2**	**Type 3**	**Type 4**	**Type 5**	**Type 6**
1	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
2	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
3	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
4	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
5	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
6	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
7	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
8	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
9	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
10	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
11	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
12	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
13	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
14	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
15	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
16	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
17	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
18	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
19	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
20	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
21	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
22	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
23	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
24	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
25	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
26	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
27	**Y**	**Y**	**Y**	**Y**	**N**	**Y**
28	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
29	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
30	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
Trial of Detection	**30/30**	**30/30**	**30/30**	**30/30**	**29/30**	**30/30**
Probability (%)	**100%**	**100%**	**100%**	**100%**	**96.67%**	**100%**
Limit (%)	≥ 60%	≥ 60%	≥ 60%	≥ 60%	≥ 80%	≥ 70%
Average Probability of Radar Type 1~4 (%)			**100%** (≥ 80%)			

<40MHz /5510MHz>

(Detection = Y, No Detection = N)						
Trial Number	**Type 1**	**Type 2**	**Type 3**	**Type 4**	**Type 5**	**Type 6**
1	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
2	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
3	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
4	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
5	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
6	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
7	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
8	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
9	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
10	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
11	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
12	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
13	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
14	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
15	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
16	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
17	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
18	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
19	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
20	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
21	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
22	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
23	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
24	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
25	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
26	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
27	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
28	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
29	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
30	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
Trial of Detection	**30/30**	**30/30**	**30/30**	**30/30**	**30/30**	**30/30**
Probability (%)	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**
Limit (%)	≥ 60%	≥ 60%	≥ 60%	≥ 60%	≥ 80%	≥ 70%
Average Probability of Radar Type 1~4 (%)			**100%** (≥ 80%)			

<80MHz /5530MHz>

(Detection = Y, No Detection = N)						
Trial Number	**Type 1**	**Type 2**	**Type 3**	**Type 4**	**Type 5**	**Type 6**
1	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
2	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
3	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
4	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
5	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
6	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
7	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
8	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
9	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
10	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
11	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
12	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
13	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
14	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
15	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
16	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
17	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
18	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
19	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
20	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
21	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
22	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
23	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
24	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
25	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
26	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
27	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
28	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
29	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
30	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
Trial of Detection	**30/30**	**30/30**	**30/30**	**23/30**	**30/30**	**30/30**
Probability (%)	**100%**	**100%**	**100%**	**76.67%**	**100%**	**100%**
Limit (%)	≥ 60%	≥ 60%	≥ 60%	≥ 60%	≥ 80%	≥ 70%
Average Probability of Radar Type 1~4 (%)			**94.17%** (≥ 80%)			

<Bridge Mode>

<80MHz /5530MHz>

(Detection = Y, No Detection = N)						
Trial Number	**Type 1**	**Type 2**	**Type 3**	**Type 4**	**Type 5**	**Type 6**
1	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
2	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
3	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
4	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
5	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
6	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
7	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
8	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
9	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
10	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
11	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
12	**Y**	**Y**	**Y**	**Y**	**N**	**Y**
13	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
14	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
15	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
16	**Y**	**Y**	**Y**	**N**	**N**	**Y**
17	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
18	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
19	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
20	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
21	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
22	**Y**	**Y**	**Y**	**Y**	**N**	**Y**
23	**Y**	**Y**	**Y**	**Y**	**N**	**Y**
24	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
25	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
26	**Y**	**Y**	**Y**	**Y**	**N**	**Y**
27	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
28	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
29	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
30	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
Trial of Detection	**30/30**	**30/30**	**30/30**	**23/30**	**25/30**	**30/30**
Probability (%)	**100%**	**100%**	**100%**	**76.67%**	**83.33%**	**100%**
Limit (%)	≥ 60%	≥ 60%	≥ 60%	≥ 60%	≥ 80%	≥ 70%
Average Probability of Radar Type 1~4 (%)			**94.17%** (≥ 80%)			

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Signal Generator	Keysight	N5182B	MY56200377	9kHz~6GHz	Apr 17, 2025	May 06, 2025~ May 08, 2025	Apr 16, 2026	DFS (DF02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV3013	101549	10Hz~13.6GHz	Jan. 20,2025	May 06, 2025~ May 08, 2025	Jan. 19,2026	DFS (DF02-HY)
Software 1	Sporton	DFS & Adaptivity Tools	N/A	Ver 1.0	NCR	May 06, 2025~ May 08, 2025	NCR	DFS (DF02-HY)
Software 2	Keysight	Keysight Signal Studio for DFS Radar Profiles	N/A	Ver 1.5.5.0	NCR	May 06, 2025~ May 08, 2025	NCR	DFS (DF02-HY)
Power Divider	Woken	2Way Divider	DCMB1KW7A1	0.5GHz-18GHz	Calibration from System	May 06, 2025~ May 08, 2025	Calibration from System	DFS (DF02-HY)
Power Divider	Woken	2Way Divider	DCMB1KW7A2	0.5GHz-18GHz	Calibration from System	May 06, 2025~ May 08, 2025	Calibration from System	DFS (DF02-HY)
Power Divider	Woken	3Way SMA Power Divder Rated to 20W	STI08-0010(#2)	2GHz-8GHz	Calibration from System	May 06, 2025~ May 08, 2025	Calibration from System	DFS (DF02-HY)
RF Cable	EM	SFL402	EM-30cm-#8	30kHz~18GHz	Calibration from System	May 06, 2025~ May 08, 2025	Calibration from System	DFS (DF02-HY)
RF Cable	MTJ Cooperstion	SBF405-105FLEX	MTJ-30cm-02	30 kHz~18GHz	Calibration from System	May 06, 2025~ May 08, 2025	Calibration from System	DFS (DF02-HY)
RF Cable	MTJ Cooperstion	SBF405-105FLEX	MTJ-30cm-03	30 kHz~18GHz	Calibration from System	May 06, 2025~ May 08, 2025	Calibration from System	DFS (DF02-HY)
RF Cable	MTJ Cooperstion	SBF405-105FLEX	MTJ-30cm-04	30 kHz~18GHz	Calibration from System	May 06, 2025~ May 08, 2025	Calibration from System	DFS (DF02-HY)
RF Cable	EST	SLF405_100cm	#7	30 kHz~18GHz	Calibration from System	May 06, 2025~ May 08, 2025	Calibration from System	DFS (DF02-HY)
RF Cable	EST	SLF405_100cm	#8	30 kHz~18GHz	Calibration from System	May 06, 2025~ May 08, 2025	Calibration from System	DFS (DF02-HY)
RF Cable	Woken	S05(100cm)	161202-04	30 kHz~18GHz	Calibration from System	May 06, 2025~ May 08, 2025	Calibration from System	DFS (DF02-HY)
RF Cable	Woken	S05(100cm)	161202-05	30 kHz~18GHz	Calibration from System	May 06, 2025~ May 08, 2025	Calibration from System	DFS (DF02-HY)

Appendix A. Radar Parameters

Report Number : FZ530461

DFS Radar Parameters
FCC Radar Type 1
Channel 100 Bandwidth 20MHz

Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	6	1618.12	618	Yes
2	15	1253.13	798	Yes
3	7	1567.40	638	Yes
4	16	1222.49	818	Yes
5	1	1930.50	518	Yes
6	21	1089.32	918	Yes
7	19	1138.95	878	Yes
8	11	1392.76	718	Yes
9	13	1319.26	758	Yes
10	3	1792.11	558	Yes
11	4	1730.10	578	Yes
12	23	326.16	3066	Yes
13	18	1165.50	858	Yes
14	9	1474.93	678	Yes
15	12	1355.01	738	Yes
16		778.82	1284	Yes
17		905.80	1104	Yes
18		1821.49	549	Yes
19		768.64	1301	Yes
20		364.17	2746	Yes
21		944.29	1059	Yes
22		472.37	2117	Yes
23		524.93	1905	Yes
24		1300.39	769	Yes
25		437.64	2285	Yes
26		442.09	2262	Yes
27		1862.20	537	Yes
28		667.11	1499	Yes
29		340.25	2939	Yes
30		445.63	2244	Yes

Report Number : FZ530461

DFS Radar Parameters
FCC Radar Type 2
Channel 100 Bandwidth 20MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	29	5.00	219	Yes
2	29	4.80	188	Yes
3	27	3.60	180	Yes
4	27	3.90	173	Yes
5	28	4.20	164	Yes
6	24	2.00	217	Yes
7	26	3.00	226	Yes
8	26	2.80	178	Yes
9	29	4.50	197	Yes
10	25	2.40	189	Yes
11	23	1.40	157	Yes
12	23	1.10	195	Yes
13	27	3.40	155	Yes
14	27	3.40	210	Yes
15	28	4.10	225	Yes
16	23	1.00	152	Yes
17	29	4.90	208	Yes
18	26	2.80	162	Yes
19	26	2.80	203	Yes
20	25	2.60	193	Yes
21	26	2.80	153	Yes
22	25	2.60	209	Yes
23	26	3.20	166	Yes
24	25	2.60	154	Yes
25	29	4.70	200	Yes
26	23	1.10	198	Yes
27	28	3.90	163	Yes
28	26	3.20	182	Yes
29	28	4.10	181	Yes
30	29	4.80	213	Yes

Report Number : FZ530461

DFS Radar Parameters
FCC Radar Type 3
Channel 100 Bandwidth 20MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	18	10.00	321	Yes
2	18	9.80	470	Yes
3	17	8.60	465	Yes
4	18	8.90	439	Yes
5	18	9.20	365	Yes
6	16	7.00	399	Yes
7	17	8.00	304	Yes
8	17	7.80	455	Yes
9	18	9.50	457	Yes
10	17	7.40	345	Yes
11	16	6.40	355	Yes
12	16	6.10	388	Yes
13	17	8.40	492	Yes
14	17	8.40	417	Yes
15	18	9.10	426	Yes
16	16	6.00	286	Yes
17	18	9.90	460	Yes
18	17	7.80	414	Yes
19	17	7.80	334	Yes
20	17	7.60	253	Yes
21	17	7.80	490	Yes
22	17	7.60	320	Yes
23	17	8.20	264	Yes
24	17	7.60	247	Yes
25	18	9.70	213	Yes
26	16	6.10	488	Yes
27	18	8.90	393	Yes
28	17	8.20	463	Yes
29	18	9.10	473	Yes
30	18	9.80	216	Yes

Report Number : FZ530461

DFS Radar Parameters
FCC Radar Type 4
Channel 100 Bandwidth 20MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	12	12.60	326	Yes
2	12	12.30	426	Yes
3	15	16.50	443	Yes
4	14	16.40	402	Yes
5	16	19.20	432	Yes
6	12	11.00	498	Yes
7	13	13.60	373	Yes
8	14	15.00	483	Yes
9	14	14.90	316	Yes
10	16	18.90	418	Yes
11	14	16.00	478	Yes
12	16	20.00	263	Yes
13	13	13.20	471	Yes
14	14	15.60	214	Yes
15	14	16.10	389	Yes
16	16	19.60	455	Yes
17	12	12.20	241	Yes
18	13	13.70	457	Yes
19	12	11.80	309	Yes
20	13	13.00	200	Yes
21	15	17.10	331	Yes
22	16	18.60	456	Yes
23	15	17.10	349	Yes
24	14	15.30	494	Yes
25	14	16.20	465	Yes
26	16	18.40	238	Yes
27	12	12.60	259	Yes
28	14	15.30	312	Yes
29	15	17.80	428	Yes
30	14	15.20	260	Yes

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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	59.2	7	-	-	512757
2	1	57.4	7	-	-	803466
3	2	80.5	7	1883	-	1092765
4	2	79.9	7	1398	-	185930
5	3	95.4	7	1229	1369	476039
6	1	50	7	-	-	767803
7	1	64.6	7	-	-	1058385
8	2	72.1	7	1455	-	150210
9	2	72	7	1256	-	440744
10	3	93.8	7	1715	1011	730361
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	77.5	7	1329	-	1135422
2	3	99.9	7	1237	1003	127185
3	1	62.3	7	-	-	450393
4	2	75.4	7	1063	-	772477
5	2	78.4	7	1909	-	1094534
6	3	97.4	7	1405	1246	87367
7	1	56.6	7	-	-	410639
8	1	64.9	7	-	-	733758
9	1	54.9	7	-	-	1056559
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	61.3	14	-	-	28663
2	3	83.7	14	1402	1039	221689
3	3	92	14	1042	1652	414644
4	3	83.6	14	1500	1305	607142
5	2	74.1	14	1294	-	4791
6	2	78.9	14	1337	-	198137
7	3	90.9	14	1894	1932	390472
8	1	59	14	-	-	585633
9	2	73.9	14	1948	-	777429
10	3	87.7	14	1505	1441	173858
11	2	73.3	14	1400	-	367706
12	2	79.4	14	1630	-	560977
13	1	54	14	-	-	756004
14	2	71.7	14	1144	-	150625
15	3	89.5	14	1247	1375	343337
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Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91.4	14	1783	1676	535425
2	2	76.3	14	1631	-	730201
3	1	58	14	-	-	126867
4	3	91.4	14	1261	1648	319343
5	1	61.5	14	-	-	514450
6	3	92.3	14	1358	1706	704880
7	2	70.2	14	1517	-	102881
8	3	89.4	14	1607	1060	295689
9	1	55.4	14	-	-	490200
10	1	58.6	14	-	-	683706
11	1	64.9	14	-	-	79181
12	3	95.9	14	1899	1600	271704
13	1	63.2	14	-	-	466370
14	1	54.1	14	-	-	660354
15	2	70.8	14	1012	-	55256
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DFS Radar Parameters
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Channel 100 Bandwidth 20MHz

Trial Number:			5			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	94.8	19	1609	1548	195422
2	3	85.6	19	1172	1981	347508
3	1	54	19	-	-	501880
4	1	57.8	19	-	-	24819
5	2	81.8	19	1301	-	177215
6	3	96.2	19	1287	1687	329052
7	2	67.2	19	1148	-	482354
8	2	73.8	19	1949	-	5994
9	1	56.3	19	-	-	158924
10	1	51	19	-	-	311758
11	1	54.4	19	-	-	464489
12	3	91.1	19	1711	1740	613633
13	3	90.7	19	1837	1076	139272
14	3	84.4	19	1842	1808	291172
15	3	98.7	19	1249	1097	444146
16	1	64.3	19	-	-	598119
17	2	73.5	19	1647	-	120809
18	2	78.2	19	1089	-	273645
19	2	72.8	19	1432	-	425716
20						

Trial Number:			6			Detection
Number of Bursts in Trial:			8			(Yes/No)
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	84.1	5	1761	1814	1375001
2	1	52	5	-	-	243422
3	3	89.4	5	1002	1296	605941
4	1	65.2	5	-	-	970399
5	1	53.3	5	-	-	1333740
6	1	62.6	5	-	-	198678
7	3	91.2	5	1350	1272	560989
8	3	94.4	5	1226	1414	923796
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Channel 100 Bandwidth 20MHz

Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	86.6	9	1954	1714	933549
2	2	75	9	1897	-	111671
3	1	59.2	9	-	-	376232
4	2	83	9	1896	-	639258
5	2	77.7	9	1901	-	902679
6	1	54.8	9	-	-	79374
7	1	53.1	9	-	-	343531
8	3	92.9	9	1265	1830	606032
9	3	87.7	9	1135	1782	869741
10	2	75.4	9	1494	-	46727
11	3	96.2	9	1230	1000	310236
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	89.9	12	1005	1674	485261
2	3	93.4	12	1947	1544	707445
3	2	74.1	12	1633	-	12038
4	1	52.5	12	-	-	235660
5	1	51.6	12	-	-	459105
6	3	90.4	12	1361	1836	680382
7	1	57.1	12	-	-	906408
8	1	51.1	12	-	-	208127
9	2	79.5	12	1516	-	430989
10	1	54.9	12	-	-	655182
11	1	56.7	12	-	-	878861
12	3	94.3	12	1874	1790	179799
13	3	91.4	12	1912	1473	402477
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DFS Radar Parameters
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Channel 100 Bandwidth 20MHz

Trial Number:			9			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	67.6	12	1697	-	626598
2	3	90.5	12	1710	1788	847708
3	2	70	12	1395	-	152692
4	2	68.7	12	1768	-	375787
5	1	55.4	12	-	-	600100
6	2	70.3	12	1335	-	822065
7	1	50.6	12	-	-	125458
8	3	95.2	12	1561	1483	347621
9	3	90.6	12	1678	1288	570890
10	1	51.8	12	-	-	795942
11	2	80.7	12	1326	-	97819
12	3	98.9	12	1308	1976	320159
13	3	97.2	12	1766	1166	543463
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Trial Number:			10			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	68	18	1068	-	524533
2	2	76.8	18	1379	-	48011
3	3	86.2	18	1627	1908	199701
4	3	87.6	18	1182	1418	352325
5	3	91.5	18	1503	1539	504503
6	1	60.9	18	-	-	29294
7	3	89	18	1550	1914	180975
8	2	77.4	18	1621	-	333819
9	3	88.3	18	1879	1645	485001
10	2	79.4	18	1641	-	10437
11	1	60	18	-	-	163165
12	3	99.6	18	1255	1268	314822
13	3	87.7	18	1580	1822	466106
14	2	74.9	18	1670	-	620464
15	3	96.3	18	1061	1511	143957
16	1	61.5	18	-	-	297089
17	1	61.6	18	-	-	449779
18	3	89.4	18	1286	1789	599486
19	2	79.8	18	1831	-	125287
20						

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DFS Radar Parameters
FCC Radar Type 5
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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5495			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	80.7	13	1917	-	351978
2	2	67.8	13	1468	-	545586
3	1	65.3	13	-	-	740324
4	3	87.3	13	1572	1736	134819
5	3	84.9	13	1638	1239	327833
6	3	84.4	13	1763	1463	520568
7	3	87.5	13	1689	1659	712955
8	2	67.4	13	1497	-	111333
9	2	74.8	13	1363	-	304668
10	1	50.9	13	-	-	498740
11	3	99.4	13	1475	1863	689409
12	3	91.6	13	1248	1293	87364
13	3	93.4	13	1053	1149	280599
14	1	53.6	13	-	-	474860
15	1	54.4	13	-	-	669032
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5498			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	72.3	20	1872	-	47651
2	2	80.4	20	1991	-	192177
3	1	64.9	20	-	-	338040
4	3	92	20	1721	1419	480895
5	1	63.4	20	-	-	29928
6	3	95.9	20	1559	1744	174154
7	1	55.3	20	-	-	320348
8	1	64	20	-	-	465227
9	2	79.3	20	1024	-	12043
10	1	61	20	-	-	157247
11	1	60	20	-	-	302364
12	2	69.2	20	1423	-	446239
13	2	67.7	20	1858	-	590914
14	3	95.4	20	1573	1490	138573
15	1	54.3	20	-	-	284535
16	3	83.7	20	1374	1470	427716
17	2	79	20	1231	-	573371
18	1	62.4	20	-	-	121381
19	1	50.9	20	-	-	266598
20	2	68.2	20	1730	-	410894

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Channel 100 Bandwidth 20MHz

Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5493			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	79.4	8	1234	-	1012396
2	1	52.6	8	-	-	188471
3	3	89.5	8	1738	1314	451612
4	1	51.3	8	-	-	716819
5	1	53.1	8	-	-	981476
6	1	54	8	-	-	155995
7	3	93.6	8	1105	1939	419151
8	1	64.2	8	-	-	684440
9	2	76.5	8	1445	-	947775
10	3	89	8	1303	1140	123223
11	3	87.9	8	1266	1818	386424
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5495			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	66.7	13	1985	-	510530
2	3	95.9	13	1816	1849	716487
3	2	83.3	13	1999	-	71197
4	1	52.5	13	-	-	278876
5	1	65.9	13	-	-	486564
6	3	96.7	13	1692	1920	690947
7	2	69.7	13	1346	-	45741
8	2	75.9	13	1435	-	253024
9	3	83.9	13	1686	1717	458801
10	2	75.3	13	1911	-	666978
11	1	53.7	13	-	-	20266
12	3	86	13	1118	1764	226969
13	2	76.2	13	1616	-	434702
14	2	74.9	13	1775	-	641821
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Channel 100 Bandwidth 20MHz

Trial Number:			15			Detection
Number of Bursts in Trial:			15			(Yes/No)
Chirp Center Frequency:			5495			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	65.2	14	-	-	793451
2	2	69.7	14	1313	-	188412
3	2	72	14	1885	-	381279
4	2	70.4	14	1725	-	574907
5	2	67.2	14	1547	-	767798
6	2	70.3	14	1241	-	164562
7	2	79.1	14	1152	-	357826
8	3	92.4	14	1708	1552	549907
9	3	85.5	14	1187	1278	743260
10	2	75	14	1585	-	140670
11	2	69.7	14	1590	-	333873
12	3	90.9	14	1460	1211	526694
13	1	63.5	14	-	-	722201
14	3	88.8	14	1178	1656	116685
15	1	59.4	14	-	-	310684
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Trial Number:			16			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5498			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	52.2	20	-	-	378365
2	3	91.2	20	1476	1527	520498
3	3	87.5	20	1694	1073	69630
4	3	90.4	20	1279	1890	214034
5	2	73.1	20	1827	-	359174
6	3	93.3	20	1924	1634	502154
7	2	73.3	20	1382	-	51952
8	3	84.5	20	1945	1078	196333
9	3	92.9	20	1771	1772	340481
10	3	88.5	20	1290	1257	485160
11	3	87.1	20	1021	1378	34029
12	1	59.3	20	-	-	179344
13	3	86.6	20	1160	1146	323339
14	2	67	20	1383	-	468299
15	3	92.9	20	1604	1478	16200
16	2	75.7	20	1188	-	161055
17	1	66.6	20	-	-	306642
18	1	63.3	20	-	-	452125
19	2	76.5	20	1807	-	594791
20	3	88	20	1583	1399	142863

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Trial Number:			17			Detection
Number of Bursts in Trial:			9			(Yes/No)
Chirp Center Frequency:			5492			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	84.3	7	1702	1317	640889
2	2	71.5	7	1940	-	964130
3	3	93.9	7	1385	1036	1285951
4	1	59.2	7	-	-	279735
5	2	68.7	7	1847	-	601739
6	1	58.8	7	-	-	925732
7	2	74.3	7	1834	-	1246939
8	1	60.4	7	-	-	239865
9	1	58.3	7	-	-	563055
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Trial Number:			18			Detection
Number of Bursts in Trial:			11			(Yes/No)
Chirp Center Frequency:			5493			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	82.9	9	1013	-	724240
2	2	75.1	9	1931	-	986718
3	2	83.1	9	1422	-	163528
4	2	80.9	9	1602	-	427339
5	1	66.5	9	-	-	692065
6	2	81.7	9	1381	-	955095
7	3	84.2	9	1397	1093	130839
8	1	66.2	9	-	-	395359
9	3	95.7	9	1983	1031	657868
10	1	53	9	-	-	923907
11	2	81.6	9	1117	-	98481
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Channel 100 Bandwidth 20MHz

Trial Number:			19			Detection
Number of Bursts in Trial:			9			(Yes/No)
Chirp Center Frequency:			5492			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91.9	6	1244	1155	442909
2	3	85.3	6	1386	1840	764491
3	2	79.2	6	1568	-	1088165
4	2	81.9	6	1299	-	80699
5	2	80.2	6	1802	-	403105
6	1	61	6	-	-	726884
7	3	92.6	6	1390	1964	1047392
8	2	75.3	6	1145	-	40923
9	3	92.6	6	1946	1741	362925
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Trial Number:			20			Detection
Number of Bursts in Trial:			10			(Yes/No)
Chirp Center Frequency:			5493			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	99.4	8	1349	1502	616647
2	1	53	8	-	-	908691
3	2	77.5	8	1181	-	1065
4	3	87.1	8	1805	1245	290937
5	1	50.7	8	-	-	582582
6	2	75.1	8	1072	-	871963
7	2	80.7	8	1892	-	1162133
8	3	97.4	8	1570	1394	255341
9	2	78.3	8	1104	-	546069
10	2	71.6	8	1103	-	836693
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Report Number : FZ530461

DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			21			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5504			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	64.3	15	-	-	704437
2	2	69	15	1597	-	137202
3	1	62.9	15	-	-	318833
4	2	76.1	15	1632	-	499216
5	1	59.9	15	-	-	681815
6	1	63.4	15	-	-	115127
7	1	53.9	15	-	-	296664
8	2	78.4	15	1862	-	476838
9	2	70.1	15	1804	-	657867
10	3	85.4	15	1828	1666	92340
11	1	58.7	15	-	-	274166
12	1	59.4	15	-	-	455787
13	2	70.9	15	1043	-	636069
14	1	60.2	15	-	-	70375
15	3	94.9	15	1396	1886	250961
16	3	96.1	15	1560	1903	431416
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Trial Number:			22			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5502			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	99.1	18	1185	1084	544839
2	3	92.4	18	1598	1723	42492
3	1	61.9	18	-	-	204013
4	2	79	18	1979	-	364410
5	1	57.6	18	-	-	526923
6	1	66.2	18	-	-	22825
7	3	99.1	18	1626	1163	183479
8	2	67.8	18	1311	-	345008
9	1	58.9	18	-	-	507034
10	2	79.9	18	1233	-	2938
11	3	97.6	18	1019	1126	163810
12	3	96	18	1464	1302	324149
13	2	80.2	18	1973	-	485116
14	3	91.4	18	1584	1238	645758
15	1	50.9	18	-	-	144308
16	3	86.8	18	1141	1926	304149
17	3	88	18	1128	1800	465164
18	2	74	18	1974	-	626592
19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			23			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5504			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	88.8	15	1643	1334	139613
2	1	62.6	15	-	-	321788
3	2	79	15	1530	-	502144
4	1	59.1	15	-	-	684464
5	2	69.2	15	1159	-	117506
6	2	68.5	15	1377	-	298657
7	2	76.3	15	1699	-	479628
8	2	82.7	15	1192	-	661562
9	2	72.4	15	1943	-	95200
10	3	89.9	15	1671	1353	275794
11	3	83.8	15	1218	1125	457147
12	3	90	15	1987	1088	637565
13	2	82.1	15	1978	-	72856
14	2	67.3	15	1916	-	253834
15	3	92.3	15	1102	1199	434783
16	1	54.6	15	-	-	617496
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Trial Number:			24			Detection
Number of Bursts in Trial:			14			(Yes/No)
Chirp Center Frequency:			5505			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	76	12	1017	-	57882
2	3	88.4	12	1132	1906	264647
3	3	85.4	12	1161	1881	471546
4	3	99.3	12	1938	1216	678296
5	1	64	12	-	-	32365
6	3	98.1	12	1553	1601	238907
7	2	69.9	12	1781	-	446234
8	3	95.1	12	1465	1498	652717
9	2	67.2	12	1660	-	6802
10	2	80.1	12	1537	-	213872
11	1	65.9	12	-	-	421931
12	1	58	12	-	-	629240
13	3	98.3	12	1345	1612	834092
14	2	78.7	12	1900	-	188396
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			25			Detection
Number of Bursts in Trial:			15			(Yes/No)
Chirp Center Frequency:			5504			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	84.5	14	1393	1929	368074
2	2	72	14	1640	-	562379
3	2	71.4	14	1147	-	755744
4	3	97	14	1994	1864	151483
5	2	71.5	14	1091	-	345334
6	2	82.3	14	1636	-	538778
7	2	67.1	14	1223	-	732249
8	3	89.9	14	1752	1200	127905
9	2	73.1	14	1512	-	321504
10	3	93.5	14	1587	1793	513302
11	1	52.7	14	-	-	709005
12	2	75	14	1022	-	104457
13	3	93.9	14	1119	1910	297096
14	1	59.1	14	-	-	491666
15	3	84	14	1538	1094	683610
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Trial Number:			26			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5502			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	69	18	1331	-	67163
2	3	97.8	18	1649	1124	227787
3	2	80.2	18	1668	-	388939
4	1	53.7	18	-	-	551026
5	2	75.5	18	1586	-	47244
6	1	65.4	18	-	-	208668
7	1	62.5	18	-	-	370154
8	1	51.3	18	-	-	531481
9	3	88.8	18	1869	1437	27377
10	1	60	18	-	-	188936
11	3	90.7	18	1526	1504	348594
12	3	92.7	18	1589	1196	509193
13	3	83.9	18	1095	1121	7625
14	3	92	18	1513	1228	168198
15	3	89.2	18	1755	1037	328773
16	1	52.6	18	-	-	491515
17	2	68.2	18	1025	-	652283
18	3	84.4	18	1389	1236	148483
19						
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Report Number : FZ530461

DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			27			Detection
Number of Bursts in Trial:			10			(Yes/No)
Chirp Center Frequency:			5507			No
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	93.8	7	1332	1562	558188
2	1	55.3	7	-	-	850204
3	1	61.8	7	-	-	1140612
4	2	68.5	7	1297	-	232529
5	3	85.2	7	1518	1757	522078
6	3	95.9	7	1318	1029	812490
7	1	60	7	-	-	1104892
8	3	87.6	7	1190	1408	196608
9	3	86.2	7	1737	1622	486350
10	1	65.2	7	-	-	778547
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Trial Number:			28			Detection
Number of Bursts in Trial:			14			(Yes/No)
Chirp Center Frequency:			5505			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	92	12	1724	1158	760921
2	3	96.5	12	1950	1673	114600
3	3	89	12	1821	1038	321546
4	1	54.2	12	-	-	530013
5	1	60.8	12	-	-	737847
6	1	61	12	-	-	89600
7	3	98.2	12	1156	1519	295984
8	2	82.3	12	1962	-	503273
9	3	85.7	12	1608	1642	709751
10	1	54.2	12	-	-	64019
11	2	72.8	12	1669	-	270872
12	1	63.3	12	-	-	479095
13	2	72	12	1838	-	685223
14	2	70.6	12	1198	-	38389
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			29			Detection
Number of Bursts in Trial:			17			(Yes/No)
Chirp Center Frequency:			5503			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	82.7	17	1467	-	201963
2	3	86.9	17	1351	1624	371921
3	2	80.9	17	1259	-	543471
4	3	89.6	17	1253	1970	10538
5	2	83.2	17	1041	-	181121
6	3	98	17	1795	1240	350910
7	3	84	17	1996	1748	520087
8	3	90.8	17	1482	1567	691203
9	3	84.5	17	1803	1825	159466
10	3	90.6	17	1083	1352	330257
11	1	50	17	-	-	502034
12	1	53.7	17	-	-	673212
13	2	72.2	17	1811	-	138978
14	1	50.5	17	-	-	310366
15	1	62.6	17	-	-	480927
16	3	84.4	17	1707	1111	649673
17	3	93.8	17	1819	1202	117752
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Trial Number:			30			Detection
Number of Bursts in Trial:			14			(Yes/No)
Chirp Center Frequency:			5505			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	87.9	12	1412	1534	349816
2	2	79.2	12	1619	-	557609
3	3	97.4	12	1153	1997	763504
4	1	59.3	12	-	-	118176
5	3	92.3	12	1440	1343	324494
6	2	71	12	1327	-	532280
7	3	86.4	12	1045	1611	738642
8	2	81.9	12	1106	-	92509
9	2	72.9	12	1066	-	299824
10	3	93.8	12	1956	1090	505818
11	1	56.9	12	-	-	715551
12	2	66.9	12	1267	-	66889
13	1	64	12	-	-	274608
14	1	61.6	12	-	-	481860
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DFS Radar Parameters
FCC Radar Type 1
Channel 102 Bandwidth 40MHz

Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	6	1618.12	618	Yes
2	15	1253.13	798	Yes
3	7	1567.40	638	Yes
4	16	1222.49	818	Yes
5	1	1930.50	518	Yes
6	21	1089.32	918	Yes
7	19	1138.95	878	Yes
8	11	1392.76	718	Yes
9	13	1319.26	758	Yes
10	3	1792.11	558	Yes
11	4	1730.10	578	Yes
12	23	326.16	3066	Yes
13	18	1165.50	858	Yes
14	9	1474.93	678	Yes
15	12	1355.01	738	Yes
16		778.82	1284	Yes
17		905.80	1104	Yes
18		1821.49	549	Yes
19		768.64	1301	Yes
20		364.17	2746	Yes
21		944.29	1059	Yes
22		472.37	2117	Yes
23		524.93	1905	Yes
24		1300.39	769	Yes
25		437.64	2285	Yes
26		442.09	2262	Yes
27		1862.20	537	Yes
28		667.11	1499	Yes
29		340.25	2939	Yes
30		445.63	2244	Yes

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DFS Radar Parameters
FCC Radar Type 2
Channel 102 Bandwidth 40MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	29	5.00	219	Yes
2	29	4.80	188	Yes
3	27	3.60	180	Yes
4	27	3.90	173	Yes
5	28	4.20	164	Yes
6	24	2.00	217	Yes
7	26	3.00	226	Yes
8	26	2.80	178	Yes
9	29	4.50	197	Yes
10	25	2.40	189	Yes
11	23	1.40	157	Yes
12	23	1.10	195	Yes
13	27	3.40	155	Yes
14	27	3.40	210	Yes
15	28	4.10	225	Yes
16	23	1.00	152	Yes
17	29	4.90	208	Yes
18	26	2.80	162	Yes
19	26	2.80	203	Yes
20	25	2.60	193	Yes
21	26	2.80	153	Yes
22	25	2.60	209	Yes
23	26	3.20	166	Yes
24	25	2.60	154	Yes
25	29	4.70	200	Yes
26	23	1.10	198	Yes
27	28	3.90	163	Yes
28	26	3.20	182	Yes
29	28	4.10	181	Yes
30	29	4.80	213	Yes

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DFS Radar Parameters
FCC Radar Type 3
Channel 102 Bandwidth 40MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	18	10.00	321	Yes
2	18	9.80	470	Yes
3	17	8.60	465	Yes
4	18	8.90	439	Yes
5	18	9.20	365	Yes
6	16	7.00	399	Yes
7	17	8.00	304	Yes
8	17	7.80	455	Yes
9	18	9.50	457	Yes
10	17	7.40	345	Yes
11	16	6.40	355	Yes
12	16	6.10	388	Yes
13	17	8.40	492	Yes
14	17	8.40	417	Yes
15	18	9.10	426	Yes
16	16	6.00	286	Yes
17	18	9.90	460	Yes
18	17	7.80	414	Yes
19	17	7.80	334	Yes
20	17	7.60	253	Yes
21	17	7.80	490	Yes
22	17	7.60	320	Yes
23	17	8.20	264	Yes
24	17	7.60	247	Yes
25	18	9.70	213	Yes
26	16	6.10	488	Yes
27	18	8.90	393	Yes
28	17	8.20	463	Yes
29	18	9.10	473	Yes
30	18	9.80	216	Yes

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DFS Radar Parameters
FCC Radar Type 4
Channel 102 Bandwidth 40MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	12	12.60	326	Yes
2	12	12.30	426	Yes
3	15	16.50	443	Yes
4	14	16.40	402	Yes
5	16	19.20	432	Yes
6	12	11.00	498	Yes
7	13	13.60	373	Yes
8	14	15.00	483	Yes
9	14	14.90	316	Yes
10	16	18.90	418	Yes
11	14	16.00	478	Yes
12	16	20.00	263	Yes
13	13	13.20	471	Yes
14	14	15.60	214	Yes
15	14	16.10	389	Yes
16	16	19.60	455	Yes
17	12	12.20	241	Yes
18	13	13.70	457	Yes
19	12	11.80	309	Yes
20	13	13.00	200	Yes
21	15	17.10	331	Yes
22	16	18.60	456	Yes
23	15	17.10	349	Yes
24	14	15.30	494	Yes
25	14	16.20	465	Yes
26	16	18.40	238	Yes
27	12	12.60	259	Yes
28	14	15.30	312	Yes
29	15	17.80	428	Yes
30	14	15.20	260	Yes

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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	59.2	7	-	-	512757
2	1	57.4	7	-	-	803466
3	2	80.5	7	1883	-	1092765
4	2	79.9	7	1398	-	185930
5	3	95.4	7	1229	1369	476039
6	1	50	7	-	-	767803
7	1	64.6	7	-	-	1058385
8	2	72.1	7	1455	-	150210
9	2	72	7	1256	-	440744
10	3	93.8	7	1715	1011	730361
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	77.5	7	1329	-	1135422
2	3	99.9	7	1237	1003	127185
3	1	62.3	7	-	-	450393
4	2	75.4	7	1063	-	772477
5	2	78.4	7	1909	-	1094534
6	3	97.4	7	1405	1246	87367
7	1	56.6	7	-	-	410639
8	1	64.9	7	-	-	733758
9	1	54.9	7	-	-	1056559
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	61.3	14	-	-	28663
2	3	83.7	14	1402	1039	221689
3	3	92	14	1042	1652	414644
4	3	83.6	14	1500	1305	607142
5	2	74.1	14	1294	-	4791
6	2	78.9	14	1337	-	198137
7	3	90.9	14	1894	1932	390472
8	1	59	14	-	-	585633
9	2	73.9	14	1948	-	777429
10	3	87.7	14	1505	1441	173858
11	2	73.3	14	1400	-	367706
12	2	79.4	14	1630	-	560977
13	1	54	14	-	-	756004
14	2	71.7	14	1144	-	150625
15	3	89.5	14	1247	1375	343337
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19						
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Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91.4	14	1783	1676	535425
2	2	76.3	14	1631	-	730201
3	1	58	14	-	-	126867
4	3	91.4	14	1261	1648	319343
5	1	61.5	14	-	-	514450
6	3	92.3	14	1358	1706	704880
7	2	70.2	14	1517	-	102881
8	3	89.4	14	1607	1060	295689
9	1	55.4	14	-	-	490200
10	1	58.6	14	-	-	683706
11	1	64.9	14	-	-	79181
12	3	95.9	14	1899	1600	271704
13	1	63.2	14	-	-	466370
14	1	54.1	14	-	-	660354
15	2	70.8	14	1012	-	55256
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			5			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	94.8	19	1609	1548	195422
2	3	85.6	19	1172	1981	347508
3	1	54	19	-	-	501880
4	1	57.8	19	-	-	24819
5	2	81.8	19	1301	-	177215
6	3	96.2	19	1287	1687	329052
7	2	67.2	19	1148	-	482354
8	2	73.8	19	1949	-	5994
9	1	56.3	19	-	-	158924
10	1	51	19	-	-	311758
11	1	54.4	19	-	-	464489
12	3	91.1	19	1711	1740	613633
13	3	90.7	19	1837	1076	139272
14	3	84.4	19	1842	1808	291172
15	3	98.7	19	1249	1097	444146
16	1	64.3	19	-	-	598119
17	2	73.5	19	1647	-	120809
18	2	78.2	19	1089	-	273645
19	2	72.8	19	1432	-	425716
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Trial Number:			6			Detection
Number of Bursts in Trial:			8			(Yes/No)
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	84.1	5	1761	1814	1375001
2	1	52	5	-	-	243422
3	3	89.4	5	1002	1296	605941
4	1	65.2	5	-	-	970399
5	1	53.3	5	-	-	1333740
6	1	62.6	5	-	-	198678
7	3	91.2	5	1350	1272	560989
8	3	94.4	5	1226	1414	923796
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Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	86.6	9	1954	1714	933549
2	2	75	9	1897	-	111671
3	1	59.2	9	-	-	376232
4	2	83	9	1896	-	639258
5	2	77.7	9	1901	-	902679
6	1	54.8	9	-	-	79374
7	1	53.1	9	-	-	343531
8	3	92.9	9	1265	1830	606032
9	3	87.7	9	1135	1782	869741
10	2	75.4	9	1494	-	46727
11	3	96.2	9	1230	1000	310236
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	89.9	12	1005	1674	485261
2	3	93.4	12	1947	1544	707445
3	2	74.1	12	1633	-	12038
4	1	52.5	12	-	-	235660
5	1	51.6	12	-	-	459105
6	3	90.4	12	1361	1836	680382
7	1	57.1	12	-	-	906408
8	1	51.1	12	-	-	208127
9	2	79.5	12	1516	-	430989
10	1	54.9	12	-	-	655182
11	1	56.7	12	-	-	878861
12	3	94.3	12	1874	1790	179799
13	3	91.4	12	1912	1473	402477
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Trial Number:			9			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	67.6	12	1697	-	626598
2	3	90.5	12	1710	1788	847708
3	2	70	12	1395	-	152692
4	2	68.7	12	1768	-	375787
5	1	55.4	12	-	-	600100
6	2	70.3	12	1335	-	822065
7	1	50.6	12	-	-	125458
8	3	95.2	12	1561	1483	347621
9	3	90.6	12	1678	1288	570890
10	1	51.8	12	-	-	795942
11	2	80.7	12	1326	-	97819
12	3	98.9	12	1308	1976	320159
13	3	97.2	12	1766	1166	543463
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Trial Number:			10			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	68	18	1068	-	524533
2	2	76.8	18	1379	-	48011
3	3	86.2	18	1627	1908	199701
4	3	87.6	18	1182	1418	352325
5	3	91.5	18	1503	1539	504503
6	1	60.9	18	-	-	29294
7	3	89	18	1550	1914	180975
8	2	77.4	18	1621	-	333819
9	3	88.3	18	1879	1645	485001
10	2	79.4	18	1641	-	10437
11	1	60	18	-	-	163165
12	3	99.6	18	1255	1268	314822
13	3	87.7	18	1580	1822	466106
14	2	74.9	18	1670	-	620464
15	3	96.3	18	1061	1511	143957
16	1	61.5	18	-	-	297089
17	1	61.6	18	-	-	449779
18	3	89.4	18	1286	1789	599486
19	2	79.8	18	1831	-	125287
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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5495			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	80.7	13	1917	-	351978
2	2	67.8	13	1468	-	545586
3	1	65.3	13	-	-	740324
4	3	87.3	13	1572	1736	134819
5	3	84.9	13	1638	1239	327833
6	3	84.4	13	1763	1463	520568
7	3	87.5	13	1689	1659	712955
8	2	67.4	13	1497	-	111333
9	2	74.8	13	1363	-	304668
10	1	50.9	13	-	-	498740
11	3	99.4	13	1475	1863	689409
12	3	91.6	13	1248	1293	87364
13	3	93.4	13	1053	1149	280599
14	1	53.6	13	-	-	474860
15	1	54.4	13	-	-	669032
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5498			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	72.3	20	1872	-	47651
2	2	80.4	20	1991	-	192177
3	1	64.9	20	-	-	338040
4	3	92	20	1721	1419	480895
5	1	63.4	20	-	-	29928
6	3	95.9	20	1559	1744	174154
7	1	55.3	20	-	-	320348
8	1	64	20	-	-	465227
9	2	79.3	20	1024	-	12043
10	1	61	20	-	-	157247
11	1	60	20	-	-	302364
12	2	69.2	20	1423	-	446239
13	2	67.7	20	1858	-	590914
14	3	95.4	20	1573	1490	138573
15	1	54.3	20	-	-	284535
16	3	83.7	20	1374	1470	427716
17	2	79	20	1231	-	573371
18	1	62.4	20	-	-	121381
19	1	50.9	20	-	-	266598
20	2	68.2	20	1730	-	410894

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Trial Number:			13			Detection
Number of Bursts in Trial:			11			(Yes/No)
Chirp Center Frequency:			5493			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	79.4	8	1234	-	1012396
2	1	52.6	8	-	-	188471
3	3	89.5	8	1738	1314	451612
4	1	51.3	8	-	-	716819
5	1	53.1	8	-	-	981476
6	1	54	8	-	-	155995
7	3	93.6	8	1105	1939	419151
8	1	64.2	8	-	-	684440
9	2	76.5	8	1445	-	947775
10	3	89	8	1303	1140	123223
11	3	87.9	8	1266	1818	386424
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Trial Number:			14			Detection
Number of Bursts in Trial:			14			(Yes/No)
Chirp Center Frequency:			5495			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	66.7	13	1985	-	510530
2	3	95.9	13	1816	1849	716487
3	2	83.3	13	1999	-	71197
4	1	52.5	13	-	-	278876
5	1	65.9	13	-	-	486564
6	3	96.7	13	1692	1920	690947
7	2	69.7	13	1346	-	45741
8	2	75.9	13	1435	-	253024
9	3	83.9	13	1686	1717	458801
10	2	75.3	13	1911	-	666978
11	1	53.7	13	-	-	20266
12	3	86	13	1118	1764	226969
13	2	76.2	13	1616	-	434702
14	2	74.9	13	1775	-	641821
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Trial Number:			15			Detection
Number of Bursts in Trial:			15			(Yes/No)
Chirp Center Frequency:			5495			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	65.2	14	-	-	793451
2	2	69.7	14	1313	-	188412
3	2	72	14	1885	-	381279
4	2	70.4	14	1725	-	574907
5	2	67.2	14	1547	-	767798
6	2	70.3	14	1241	-	164562
7	2	79.1	14	1152	-	357826
8	3	92.4	14	1708	1552	549907
9	3	85.5	14	1187	1278	743260
10	2	75	14	1585	-	140670
11	2	69.7	14	1590	-	333873
12	3	90.9	14	1460	1211	526694
13	1	63.5	14	-	-	722201
14	3	88.8	14	1178	1656	116685
15	1	59.4	14	-	-	310684
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Trial Number:			16			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5498			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	52.2	20	-	-	378365
2	3	91.2	20	1476	1527	520498
3	3	87.5	20	1694	1073	69630
4	3	90.4	20	1279	1890	214034
5	2	73.1	20	1827	-	359174
6	3	93.3	20	1924	1634	502154
7	2	73.3	20	1382	-	51952
8	3	84.5	20	1945	1078	196333
9	3	92.9	20	1771	1772	340481
10	3	88.5	20	1290	1257	485160
11	3	87.1	20	1021	1378	34029
12	1	59.3	20	-	-	179344
13	3	86.6	20	1160	1146	323339
14	2	67	20	1383	-	468299
15	3	92.9	20	1604	1478	16200
16	2	75.7	20	1188	-	161055
17	1	66.6	20	-	-	306642
18	1	63.3	20	-	-	452125
19	2	76.5	20	1807	-	594791
20	3	88	20	1583	1399	142863

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Trial Number:			17			Detection
Number of Bursts in Trial:			9			(Yes/No)
Chirp Center Frequency:			5492			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	84.3	7	1702	1317	640889
2	2	71.5	7	1940	-	964130
3	3	93.9	7	1385	1036	1285951
4	1	59.2	7	-	-	279735
5	2	68.7	7	1847	-	601739
6	1	58.8	7	-	-	925732
7	2	74.3	7	1834	-	1246939
8	1	60.4	7	-	-	239865
9	1	58.3	7	-	-	563055
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Trial Number:			18			Detection
Number of Bursts in Trial:			11			(Yes/No)
Chirp Center Frequency:			5493			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	82.9	9	1013	-	724240
2	2	75.1	9	1931	-	986718
3	2	83.1	9	1422	-	163528
4	2	80.9	9	1602	-	427339
5	1	66.5	9	-	-	692065
6	2	81.7	9	1381	-	955095
7	3	84.2	9	1397	1093	130839
8	1	66.2	9	-	-	395359
9	3	95.7	9	1983	1031	657868
10	1	53	9	-	-	923907
11	2	81.6	9	1117	-	98481
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Trial Number:			19			Detection
Number of Bursts in Trial:			9			(Yes/No)
Chirp Center Frequency:			5492			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91.9	6	1244	1155	442909
2	3	85.3	6	1386	1840	764491
3	2	79.2	6	1568	-	1088165
4	2	81.9	6	1299	-	80699
5	2	80.2	6	1802	-	403105
6	1	61	6	-	-	726884
7	3	92.6	6	1390	1964	1047392
8	2	75.3	6	1145	-	40923
9	3	92.6	6	1946	1741	362925
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Trial Number:			20			Detection
Number of Bursts in Trial:			10			(Yes/No)
Chirp Center Frequency:			5493			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	99.4	8	1349	1502	616647
2	1	53	8	-	-	908691
3	2	77.5	8	1181	-	1065
4	3	87.1	8	1805	1245	290937
5	1	50.7	8	-	-	582582
6	2	75.1	8	1072	-	871963
7	2	80.7	8	1892	-	1162133
8	3	97.4	8	1570	1394	255341
9	2	78.3	8	1104	-	546069
10	2	71.6	8	1103	-	836693
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Trial Number:			21			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5524			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	64.3	15	-	-	704437
2	2	69	15	1597	-	137202
3	1	62.9	15	-	-	318833
4	2	76.1	15	1632	-	499216
5	1	59.9	15	-	-	681815
6	1	63.4	15	-	-	115127
7	1	53.9	15	-	-	296664
8	2	78.4	15	1862	-	476838
9	2	70.1	15	1804	-	657867
10	3	85.4	15	1828	1666	92340
11	1	58.7	15	-	-	274166
12	1	59.4	15	-	-	455787
13	2	70.9	15	1043	-	636069
14	1	60.2	15	-	-	70375
15	3	94.9	15	1396	1886	250961
16	3	96.1	15	1560	1903	431416
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19						
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Trial Number:			22			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5522			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	99.1	18	1185	1084	544839
2	3	92.4	18	1598	1723	42492
3	1	61.9	18	-	-	204013
4	2	79	18	1979	-	364410
5	1	57.6	18	-	-	526923
6	1	66.2	18	-	-	22825
7	3	99.1	18	1626	1163	183479
8	2	67.8	18	1311	-	345008
9	1	58.9	18	-	-	507034
10	2	79.9	18	1233	-	2938
11	3	97.6	18	1019	1126	163810
12	3	96	18	1464	1302	324149
13	2	80.2	18	1973	-	485116
14	3	91.4	18	1584	1238	645758
15	1	50.9	18	-	-	144308
16	3	86.8	18	1141	1926	304149
17	3	88	18	1128	1800	465164
18	2	74	18	1974	-	626592
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Trial Number:			23			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5524			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	88.8	15	1643	1334	139613
2	1	62.6	15	-	-	321788
3	2	79	15	1530	-	502144
4	1	59.1	15	-	-	684464
5	2	69.2	15	1159	-	117506
6	2	68.5	15	1377	-	298657
7	2	76.3	15	1699	-	479628
8	2	82.7	15	1192	-	661562
9	2	72.4	15	1943	-	95200
10	3	89.9	15	1671	1353	275794
11	3	83.8	15	1218	1125	457147
12	3	90	15	1987	1088	637565
13	2	82.1	15	1978	-	72856
14	2	67.3	15	1916	-	253834
15	3	92.3	15	1102	1199	434783
16	1	54.6	15	-	-	617496
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19						
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Trial Number:			24			Detection
Number of Bursts in Trial:			14			(Yes/No)
Chirp Center Frequency:			5525			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	76	12	1017	-	57882
2	3	88.4	12	1132	1906	264647
3	3	85.4	12	1161	1881	471546
4	3	99.3	12	1938	1216	678296
5	1	64	12	-	-	32365
6	3	98.1	12	1553	1601	238907
7	2	69.9	12	1781	-	446234
8	3	95.1	12	1465	1498	652717
9	2	67.2	12	1660	-	6802
10	2	80.1	12	1537	-	213872
11	1	65.9	12	-	-	421931
12	1	58	12	-	-	629240
13	3	98.3	12	1345	1612	834092
14	2	78.7	12	1900	-	188396
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			25			Detection
Number of Bursts in Trial:			15			(Yes/No)
Chirp Center Frequency:			5524			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	84.5	14	1393	1929	368074
2	2	72	14	1640	-	562379
3	2	71.4	14	1147	-	755744
4	3	97	14	1994	1864	151483
5	2	71.5	14	1091	-	345334
6	2	82.3	14	1636	-	538778
7	2	67.1	14	1223	-	732249
8	3	89.9	14	1752	1200	127905
9	2	73.1	14	1512	-	321504
10	3	93.5	14	1587	1793	513302
11	1	52.7	14	-	-	709005
12	2	75	14	1022	-	104457
13	3	93.9	14	1119	1910	297096
14	1	59.1	14	-	-	491666
15	3	84	14	1538	1094	683610
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Trial Number:			26			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5522			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	69	18	1331	-	67163
2	3	97.8	18	1649	1124	227787
3	2	80.2	18	1668	-	388939
4	1	53.7	18	-	-	551026
5	2	75.5	18	1586	-	47244
6	1	65.4	18	-	-	208668
7	1	62.5	18	-	-	370154
8	1	51.3	18	-	-	531481
9	3	88.8	18	1869	1437	27377
10	1	60	18	-	-	188936
11	3	90.7	18	1526	1504	348594
12	3	92.7	18	1589	1196	509193
13	3	83.9	18	1095	1121	7625
14	3	92	18	1513	1228	168198
15	3	89.2	18	1755	1037	328773
16	1	52.6	18	-	-	491515
17	2	68.2	18	1025	-	652283
18	3	84.4	18	1389	1236	148483
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			27			Detection
Number of Bursts in Trial:			10			(Yes/No)
Chirp Center Frequency:			5527			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	93.8	7	1332	1562	558188
2	1	55.3	7	-	-	850204
3	1	61.8	7	-	-	1140612
4	2	68.5	7	1297	-	232529
5	3	85.2	7	1518	1757	522078
6	3	95.9	7	1318	1029	812490
7	1	60	7	-	-	1104892
8	3	87.6	7	1190	1408	196608
9	3	86.2	7	1737	1622	486350
10	1	65.2	7	-	-	778547
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Trial Number:			28			Detection
Number of Bursts in Trial:			14			(Yes/No)
Chirp Center Frequency:			5525			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	92	12	1724	1158	760921
2	3	96.5	12	1950	1673	114600
3	3	89	12	1821	1038	321546
4	1	54.2	12	-	-	530013
5	1	60.8	12	-	-	737847
6	1	61	12	-	-	89600
7	3	98.2	12	1156	1519	295984
8	2	82.3	12	1962	-	503273
9	3	85.7	12	1608	1642	709751
10	1	54.2	12	-	-	64019
11	2	72.8	12	1669	-	270872
12	1	63.3	12	-	-	479095
13	2	72	12	1838	-	685223
14	2	70.6	12	1198	-	38389
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			29			Detection
Number of Bursts in Trial:			17			(Yes/No)
Chirp Center Frequency:			5523			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	82.7	17	1467	-	201963
2	3	86.9	17	1351	1624	371921
3	2	80.9	17	1259	-	543471
4	3	89.6	17	1253	1970	10538
5	2	83.2	17	1041	-	181121
6	3	98	17	1795	1240	350910
7	3	84	17	1996	1748	520087
8	3	90.8	17	1482	1567	691203
9	3	84.5	17	1803	1825	159466
10	3	90.6	17	1083	1352	330257
11	1	50	17	-	-	502034
12	1	53.7	17	-	-	673212
13	2	72.2	17	1811	-	138978
14	1	50.5	17	-	-	310366
15	1	62.6	17	-	-	480927
16	3	84.4	17	1707	1111	649673
17	3	93.8	17	1819	1202	117752
18						
19						
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Trial Number:			30			Detection
Number of Bursts in Trial:			14			(Yes/No)
Chirp Center Frequency:			5525			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	87.9	12	1412	1534	349816
2	2	79.2	12	1619	-	557609
3	3	97.4	12	1153	1997	763504
4	1	59.3	12	-	-	118176
5	3	92.3	12	1440	1343	324494
6	2	71	12	1327	-	532280
7	3	86.4	12	1045	1611	738642
8	2	81.9	12	1106	-	92509
9	2	72.9	12	1066	-	299824
10	3	93.8	12	1956	1090	505818
11	1	56.9	12	-	-	715551
12	2	66.9	12	1267	-	66889
13	1	64	12	-	-	274608
14	1	61.6	12	-	-	481860
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DFS Radar Parameters
FCC Radar Type 1
Channel 106 Bandwidth 80MHz

Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	6	1618.12	618	Yes
2	15	1253.13	798	Yes
3	7	1567.40	638	Yes
4	16	1222.49	818	Yes
5	1	1930.50	518	Yes
6	21	1089.32	918	Yes
7	19	1138.95	878	Yes
8	11	1392.76	718	Yes
9	13	1319.26	758	Yes
10	3	1792.11	558	Yes
11	4	1730.10	578	Yes
12	23	326.16	3066	Yes
13	18	1165.50	858	Yes
14	9	1474.93	678	Yes
15	12	1355.01	738	Yes
16		778.82	1284	Yes
17		905.80	1104	Yes
18		1821.49	549	Yes
19		768.64	1301	Yes
20		364.17	2746	Yes
21		944.29	1059	Yes
22		472.37	2117	Yes
23		524.93	1905	Yes
24		1300.39	769	Yes
25		437.64	2285	Yes
26		442.09	2262	Yes
27		1862.20	537	Yes
28		667.11	1499	Yes
29		340.25	2939	Yes
30		445.63	2244	Yes

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DFS Radar Parameters
FCC Radar Type 2
Channel 106 Bandwidth 80MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	29	5.00	219	Yes
2	29	4.80	188	Yes
3	27	3.60	180	Yes
4	27	3.90	173	Yes
5	28	4.20	164	Yes
6	24	2.00	217	Yes
7	26	3.00	226	Yes
8	26	2.80	178	Yes
9	29	4.50	197	Yes
10	25	2.40	189	Yes
11	23	1.40	157	Yes
12	23	1.10	195	Yes
13	27	3.40	155	Yes
14	27	3.40	210	Yes
15	28	4.10	225	Yes
16	23	1.00	152	Yes
17	29	4.90	208	Yes
18	26	2.80	162	Yes
19	26	2.80	203	Yes
20	25	2.60	193	Yes
21	26	2.80	153	Yes
22	25	2.60	209	Yes
23	26	3.20	166	Yes
24	25	2.60	154	Yes
25	29	4.70	200	Yes
26	23	1.10	198	Yes
27	28	3.90	163	Yes
28	26	3.20	182	Yes
29	28	4.10	181	Yes
30	29	4.80	213	Yes

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DFS Radar Parameters
FCC Radar Type 3
Channel 106 Bandwidth 80MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	18	10.00	321	Yes
2	18	9.80	470	Yes
3	17	8.60	465	Yes
4	18	8.90	439	Yes
5	18	9.20	365	Yes
6	16	7.00	399	Yes
7	17	8.00	304	Yes
8	17	7.80	455	Yes
9	18	9.50	457	Yes
10	17	7.40	345	Yes
11	16	6.40	355	Yes
12	16	6.10	388	Yes
13	17	8.40	492	Yes
14	17	8.40	417	Yes
15	18	9.10	426	Yes
16	16	6.00	286	Yes
17	18	9.90	460	Yes
18	17	7.80	414	Yes
19	17	7.80	334	Yes
20	17	7.60	253	Yes
21	17	7.80	490	Yes
22	17	7.60	320	Yes
23	17	8.20	264	Yes
24	17	7.60	247	Yes
25	18	9.70	213	Yes
26	16	6.10	488	Yes
27	18	8.90	393	Yes
28	17	8.20	463	Yes
29	18	9.10	473	Yes
30	18	9.80	216	Yes

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DFS Radar Parameters
FCC Radar Type 4
Channel 106 Bandwidth 80MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	12	12.60	326	No
2	12	12.30	426	Yes
3	15	16.50	443	Yes
4	14	16.40	402	Yes
5	16	19.20	432	Yes
6	12	11.00	498	Yes
7	13	13.60	373	No
8	14	15.00	483	Yes
9	14	14.90	316	No
10	16	18.90	418	Yes
11	14	16.00	478	Yes
12	16	20.00	263	Yes
13	13	13.20	471	No
14	14	15.60	214	Yes
15	14	16.10	389	Yes
16	16	19.60	455	Yes
17	12	12.20	241	Yes
18	13	13.70	457	Yes
19	12	11.80	309	Yes
20	13	13.00	200	No
21	15	17.10	331	Yes
22	16	18.60	456	Yes
23	15	17.10	349	Yes
24	14	15.30	494	Yes
25	14	16.20	465	Yes
26	16	18.40	238	Yes
27	12	12.60	259	No
28	14	15.30	312	Yes
29	15	17.80	428	No
30	14	15.20	260	Yes

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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	99.1	20	1345	1320	133153
2	3	97.6	20	1155	1191	277546
3	2	81.8	20	1406	-	422774
4	3	85.4	20	1299	1787	566434
5	3	89.2	20	1728	1719	115125
6	1	63.1	20	-	-	260773
7	2	75.5	20	1888	-	404945
8	2	72.6	20	1542	-	549463
9	3	93.1	20	1480	1306	97493
10	2	67.5	20	1259	-	242734
11	1	55.2	20	-	-	388556
12	1	51.6	20	-	-	533552
13	2	80.5	20	1315	-	79906
14	2	80	20	1193	-	224731
15	3	87.9	20	1519	1921	368027
16	1	50.4	20	-	-	515523
17	3	97.8	20	1880	1597	61782
18	2	72.9	20	1674	-	206812
19	2	73.1	20	1899	-	351591
20	2	70.2	20	1953	-	495740

Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	72.8	20	1659	-	44179
2	2	69.9	20	1812	-	188840
3	2	77.9	20	1991	-	333443
4	2	69.8	20	1064	-	479245
5	3	95.5	20	1014	1039	26294
6	1	51.4	20	-	-	171430
7	3	85.8	20	1186	1866	315183
8	2	77.3	20	1847	-	460554
9	3	88.5	20	1044	1521	8488
10	3	96.8	20	1158	1234	152953
11	2	79.1	20	1173	-	298042
12	2	75	20	1057	-	443113
13	2	68.9	20	1583	-	587630
14	3	98.9	20	1399	1440	135114
15	1	64.2	20	-	-	280728
16	3	94.6	20	1508	1986	423633
17	1	51.5	20	-	-	571148
18	3	96.3	20	1743	1452	117208
19	3	90.1	20	1699	1910	261316
20	2	67.3	20	1400	-	407285

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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			3			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	63.2	15	-	-	691734
2	2	71.3	15	1201	-	124946
3	2	81.5	15	1998	-	305970
4	2	68.1	15	1553	-	487461
5	1	51.5	15	-	-	669837
6	3	96.8	15	1578	1898	102254
7	2	74.3	15	1398	-	283891
8	2	80.2	15	1010	-	465264
9	3	92.5	15	1316	1837	644568
10	3	95.9	15	1769	1881	80016
11	1	51.6	15	-	-	261976
12	3	86.6	15	1613	1737	441444
13	1	57.2	15	-	-	625357
14	3	83.5	15	1790	1031	57798
15	1	61.1	15	-	-	239718
16	2	79.2	15	1429	-	420332
17						
18						
19						
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Trial Number:			4			Detection
Number of Bursts in Trial:			17			(Yes/No)
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	69.6	16	1679	-	565740
2	1	61.9	16	-	-	33570
3	3	90	16	1492	1140	203601
4	3	87.7	16	1872	1183	373696
5	2	77.3	16	1080	-	545449
6	3	98.3	16	1594	1442	12467
7	3	84.2	16	1610	1115	182693
8	3	96.4	16	1380	1774	352589
9	3	88.5	16	1516	1843	522193
10	2	80.3	16	1261	-	694265
11	2	82.7	16	1484	-	161950
12	2	81.6	16	1134	-	332833
13	1	65.7	16	-	-	503725
14	3	93.4	16	1625	1975	671060
15	3	98.9	16	1965	1038	140697
16	1	51.4	16	-	-	312183
17	2	82.8	16	1882	-	481828
18						
19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			5			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	55.7	17	-	-	617448
2	1	56.9	17	-	-	113577
3	1	51.4	17	-	-	274743
4	3	88.5	17	1764	1964	433459
5	1	59.8	17	-	-	597169
6	2	68.3	17	1696	-	93419
7	3	98.7	17	1254	1142	254196
8	2	77.1	17	1838	-	414952
9	1	55.6	17	-	-	577679
10	3	84.8	17	1658	1023	73500
11	3	92.6	17	1110	1603	234117
12	3	95.1	17	1870	1059	394503
13	3	92.5	17	1741	1256	555041
14	2	67.7	17	1527	-	53763
15	3	85.5	17	1824	1414	214200
16	3	87.7	17	1897	1857	374199
17	3	85.1	17	1257	1171	536005
18	2	74.9	17	1084	-	33976
19						
20						

Trial Number:			6			Detection
Number of Bursts in Trial:			11			(Yes/No)
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	89.6	9	1925	1701	319002
2	1	56.2	9	-	-	584215
3	1	52.4	9	-	-	848148
4	3	90	9	1286	1798	23155
5	1	65	9	-	-	287416
6	3	87.2	9	1012	1871	550295
7	3	85.1	9	1187	1693	814044
8	2	79.7	9	1729	-	1078042
9	2	71.3	9	1678	-	254571
10	1	64.1	9	-	-	518877
11	3	92.7	9	1803	1342	780898
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			7			Detection
Number of Bursts in Trial:			14			(Yes/No)
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	64.4	13	-	-	823216
2	3	99.2	13	1558	1981	173973
3	3	97.1	13	1934	1557	380586
4	1	50.1	13	-	-	589814
5	1	53.8	13	-	-	797327
6	1	51.5	13	-	-	149034
7	2	76.5	13	1085	-	356313
8	1	59.6	13	-	-	564404
9	3	90.7	13	1203	1181	769626
10	1	59.8	13	-	-	123457
11	3	93.7	13	1366	1525	329734
12	3	91.4	13	1710	1388	536848
13	1	60.5	13	-	-	746082
14	2	71.7	13	1722	-	97763
15						
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18						
19						
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Trial Number:			8			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	63.4	12	-	-	328902
2	3	91.7	12	1047	1190	551071
3	1	51.2	12	-	-	776144
4	3	96	12	1136	1789	77728
5	1	62.5	12	-	-	301619
6	3	97.3	12	1032	1990	523020
7	3	93.9	12	1122	1692	745844
8	2	80.7	12	1277	-	50352
9	2	68.4	12	1099	-	273748
10	1	59.2	12	-	-	497249
11	3	95.2	12	1568	1352	719000
12	2	80.4	12	1855	-	22868
13	1	65.8	12	-	-	246417
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DFS Radar Parameters
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Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	92	18	1788	1018	319781
2	1	64.2	18	-	-	473916
3	1	53.3	18	-	-	627366
4	2	80.1	18	1128	-	149379
5	3	97	18	1724	1075	301223
6	3	84.6	18	1378	1840	453120
7	3	84.4	18	1718	1111	605526
8	3	91.3	18	1413	1415	130270
9	3	85.7	18	1169	1586	282497
10	3	95.6	18	1511	1576	434501
11	3	95	18	1202	1922	586375
12	3	88.7	18	1946	1911	111337
13	1	66.2	18	-	-	264812
14	1	58.9	18	-	-	417941
15	2	78.1	18	1736	-	569282
16	3	94.4	18	1615	1112	92787
17	1	65.1	18	-	-	245892
18	3	96	18	1253	1831	397088
19	1	64.9	18	-	-	551791
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91.9	10	1170	1638	117492
2	2	68.3	10	1908	-	359390
3	1	51.5	10	-	-	601974
4	3	95.6	10	1151	1506	841846
5	3	83.8	10	1308	1878	87728
6	3	83.7	10	1176	1920	329110
7	1	58.7	10	-	-	572443
8	2	66.8	10	1060	-	813747
9	3	98.9	10	1681	1567	57998
10	3	83.7	10	1434	1072	299605
11	2	80.7	10	1799	-	541563
12	3	87.8	10	1600	1267	782489
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DFS Radar Parameters
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Channel 106 Bandwidth 80MHz

Trial Number:			11			Detection
Number of Bursts in Trial:			9			(Yes/No)
Chirp Center Frequency:			5492			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	54.9	6	-	-	37817
2	2	73.4	6	1011	-	360621
3	3	85.7	6	1655	1569	682408
4	3	84.5	6	1849	1757	1004251
5	3	95.4	6	1348	1608	1326843
6	3	87.3	6	1731	1325	320217
7	2	79.7	6	1079	-	643426
8	3	96.7	6	1653	1459	964933
9	1	56.8	6	-	-	1290183
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Trial Number:			12			Detection
Number of Bursts in Trial:			8			(Yes/No)
Chirp Center Frequency:			5492			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	76.1	5	1392	-	316133
2	2	80.5	5	1167	-	679475
3	2	77.7	5	1395	-	1042363
4	3	96.1	5	1106	1592	1403851
5	1	56.3	5	-	-	271614
6	1	57.3	5	-	-	634947
7	3	96.4	5	1648	1468	996490
8	3	88.3	5	1580	1643	1359304
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Trial Number:			13			Detection
Number of Bursts in Trial:			15			(Yes/No)
Chirp Center Frequency:			5495			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	65.8	14	-	-	120937
2	3	86.3	14	1669	1449	313379
3	1	53.2	14	-	-	508209
4	1	63.3	14	-	-	702091
5	2	80.3	14	1282	-	96950
6	3	88.6	14	1694	1455	289401
7	3	97.5	14	1384	1143	483065
8	3	90.5	14	1612	1159	675864
9	2	68.7	14	1370	-	73059
10	2	69.5	14	1980	-	266179
11	3	96.5	14	1656	1918	458584
12	3	88.2	14	1948	1819	650788
13	2	67.7	14	1029	-	49303
14	3	85.6	14	1667	1188	242043
15	1	57.5	14	-	-	436693
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Trial Number:			14			Detection
Number of Bursts in Trial:			15			(Yes/No)
Chirp Center Frequency:			5495			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	55	14	-	-	630378
2	1	57.8	14	-	-	25496
3	3	90	14	1198	1089	218478
4	1	65.2	14	-	-	412695
5	2	80.5	14	1177	-	605809
6	2	74.5	14	1471	-	1638
7	2	82.7	14	1536	-	194935
8	1	57	14	-	-	389198
9	3	85.5	14	1030	1127	580882
10	3	99.3	14	1335	1524	773501
11	1	58.1	14	-	-	171401
12	1	65.7	14	-	-	365049
13	3	87.9	14	1139	1240	557006
14	2	73.8	14	1651	-	750594
15	3	99.5	14	1560	1410	147054
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Trial Number:			15			Detection
Number of Bursts in Trial:			17			(Yes/No)
Chirp Center Frequency:			5496			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	77.5	17	1543	-	300478
2	2	76.4	17	1071	-	471473
3	1	62.4	17	-	-	643151
4	2	78.6	17	1686	-	108938
5	2	83	17	1581	-	279287
6	3	97.5	17	1217	1357	448860
7	2	77.4	17	1408	-	620518
8	2	74.4	17	1781	-	87875
9	2	74.7	17	1103	-	258682
10	3	84.9	17	1809	1248	428193
11	3	88.3	17	1033	1561	598725
12	3	94.1	17	1396	1285	66813
13	2	76.7	17	1062	-	237517
14	2	67.7	17	1323	-	408193
15	2	83.3	17	1053	-	578838
16	1	58.4	17	-	-	46001
17	3	89.1	17	1967	1166	215847
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Trial Number:			16			Detection
Number of Bursts in Trial:			8			(Yes/No)
Chirp Center Frequency:			5492			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	90.5	5	1924	1927	822885
2	2	72.9	5	1024	-	1187004
3	2	72.7	5	1242	-	53093
4	3	88.3	5	1105	1759	415877
5	1	66.4	5	-	-	779866
6	3	92.1	5	1250	1466	1141413
7	1	65.8	5	-	-	8378
8	1	63.8	5	-	-	371801
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Trial Number:			17			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5498			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	83.2	20	1707	-	292967
2	2	79.2	20	1228	-	438041
3	2	67.8	20	1959	-	582464
4	1	64	20	-	-	130685
5	2	72.2	20	1549	-	274924
6	2	72.8	20	1279	-	419982
7	1	59.6	20	-	-	565657
8	1	66.6	20	-	-	112654
9	2	69.3	20	1003	-	257343
10	3	92.1	20	1992	1495	400936
11	2	70.1	20	1138	-	547003
12	2	75.8	20	1914	-	94623
13	3	89.2	20	1639	1811	238588
14	1	52.6	20	-	-	385084
15	1	60.1	20	-	-	529909
16	2	77.7	20	1141	-	76792
17	3	83.4	20	1162	1805	220891
18	1	65.2	20	-	-	367262
19	2	80.4	20	1260	-	511133
20	3	92.3	20	1523	1275	58829

Trial Number:			18			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5494			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	80.4	12	1317	-	314239
2	1	55.9	12	-	-	537779
3	3	89.4	12	1851	1390	758603
4	1	52.2	12	-	-	63499
5	3	90.9	12	1094	1683	286157
6	2	69	12	1504	-	509829
7	2	75.2	12	1518	-	732902
8	1	64.9	12	-	-	35953
9	1	51.1	12	-	-	259494
10	1	61.1	12	-	-	482917
11	1	61	12	-	-	706576
12	3	84.3	12	1331	1311	8390
13	3	96.7	12	1498	1702	231088
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Trial Number:			19			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5494			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	64.7	12	-	-	455395
2	3	99.8	12	1700	1119	676782
3	2	68.2	12	1322	-	900897
4	1	59.5	12	-	-	204382
5	1	60.4	12	-	-	427734
6	1	52.5	12	-	-	651174
7	1	62	12	-	-	874571
8	2	78.6	12	1746	-	176617
9	2	77.5	12	1035	-	399954
10	1	57.4	12	-	-	624211
11	2	75.7	12	1671	-	846142
12	1	63.2	12	-	-	149392
13	2	82.7	12	1932	-	371917
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Trial Number:			20			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5494			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	100	11	1050	1598	594702
2	3	87.9	11	1074	1496	817662
3	1	62.8	11	-	-	121785
4	3	95.1	11	1628	1028	344324
5	1	54.9	11	-	-	569010
6	1	51.1	11	-	-	792313
7	1	61.7	11	-	-	94273
8	2	73.6	11	1482	-	317336
9	3	83.5	11	1343	1467	539679
10	2	77.2	11	1146	-	764178
11	3	89.9	11	1796	1152	66526
12	1	65.5	11	-	-	290373
13	2	73.2	11	1530	-	512954
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Trial Number:			21			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5565			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	53.1	12	-	-	736884
2	3	97.7	12	1977	1856	39053
3	3	94.8	12	1607	1417	261779
4	1	65.4	12	-	-	486086
5	1	58.1	12	-	-	709681
6	2	81	12	1233	-	11653
7	3	85.8	12	1353	1721	234420
8	2	79.1	12	1750	-	457582
9	2	74.4	12	1437	-	680971
10	1	52.8	12	-	-	905718
11	3	91.9	12	1163	1314	207096
12	2	68.1	12	1066	-	430542
13	2	73	12	1575	-	653549
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Trial Number:			22			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5565			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	62.7	11	-	-	878330
2	2	68.4	11	1792	-	179844
3	1	63.7	11	-	-	403631
4	1	52.8	11	-	-	626927
5	3	98.6	11	1309	1230	848525
6	1	63.6	11	-	-	152592
7	3	89.1	11	1185	1697	374845
8	1	58.1	11	-	-	599636
9	2	69	11	1703	-	821833
10	3	87.4	11	1302	1369	124672
11	1	52.1	11	-	-	348702
12	1	56.1	11	-	-	571954
13	1	56.2	11	-	-	795948
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Trial Number:			23			Detection
Number of Bursts in Trial:			15			(Yes/No)
Chirp Center Frequency:			5564			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	59.9	13	-	-	84509
2	2	72.6	13	1265	-	277892
3	2	73.1	13	1860	-	470604
4	2	81.3	13	1262	-	664590
5	2	72.5	13	1775	-	60488
6	2	78.3	13	1245	-	253909
7	3	94.1	13	1841	1526	446202
8	3	87.3	13	1505	1806	638772
9	3	99.4	13	1666	1042	36654
10	1	64.4	13	-	-	230418
11	3	83.9	13	1727	1797	422117
12	1	62.1	13	-	-	617932
13	3	99.3	13	1618	1742	12879
14	3	94.7	13	1680	1494	205832
15	2	77.4	13	1451	-	399429
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Trial Number:			24			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5565			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	53.5	11	-	-	685422
2	2	75.6	11	1294	-	908018
3	3	85	11	1092	1636	210350
4	2	70.9	11	1483	-	433833
5	2	77	11	1199	-	657230
6	2	82	11	1251	-	880461
7	3	88.5	11	1182	1061	183012
8	3	93.3	11	1590	1394	405450
9	1	59.9	11	-	-	630288
10	2	80.6	11	1147	-	852674
11	2	78.7	11	1288	-	155708
12	2	76.2	11	1153	-	378734
13	2	76.5	11	1131	-	601838
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Trial Number:			25			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5562			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	65	19	-	-	565235
2	3	84.2	19	1021	1393	87400
3	1	60.2	19	-	-	240413
4	3	92.7	19	1083	1541	391953
5	1	59.3	19	-	-	546323
6	1	51.8	19	-	-	68879
7	2	71.1	19	1157	-	221470
8	1	63.2	19	-	-	374753
9	1	56	19	-	-	527545
10	3	93.1	19	1432	1950	49843
11	2	80.3	19	1616	-	202391
12	1	63.5	19	-	-	355945
13	2	74	19	1935	-	506654
14	3	85.7	19	1486	1916	31089
15	1	63.3	19	-	-	184214
16	1	53.9	19	-	-	337115
17	2	79.8	19	1338	-	488724
18	3	90.8	19	1120	1761	12378
19	3	99.3	19	1364	1450	164476
20						

Trial Number:			26			Detection
Number of Bursts in Trial:			8			(Yes/No)
Chirp Center Frequency:			5568			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	69	5	1535	-	755775
2	1	61.6	5	-	-	1119615
3	1	54.6	5	-	-	1483421
4	3	93.5	5	1001	1184	347651
5	1	52.3	5	-	-	711601
6	2	81.2	5	1744	-	1073685
7	2	79.1	5	1902	-	1436495
8	2	74.3	5	1215	-	303225
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Trial Number:			27			Detection
Number of Bursts in Trial:			17			(Yes/No)
Chirp Center Frequency:			5563			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	71.4	16	1118	-	312785
2	2	79.3	16	1966	-	483290
3	1	63.1	16	-	-	655383
4	1	50.7	16	-	-	121580
5	3	93.9	16	1996	1791	290930
6	1	52.1	16	-	-	463042
7	2	67.5	16	1979	-	632613
8	2	72.2	16	1751	-	100272
9	1	65.2	16	-	-	271284
10	1	54.1	16	-	-	442517
11	3	91.2	16	1983	1097	610249
12	1	52.7	16	-	-	79568
13	3	97.4	16	1513	1347	249304
14	2	73.5	16	1943	-	419946
15	1	64.1	16	-	-	591977
16	3	97.6	16	1631	1446	58249
17	2	82.5	16	1876	-	228798
18						
19						
20						

Trial Number:			28			Detection
Number of Bursts in Trial:			15			(Yes/No)
Chirp Center Frequency:			5564			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	54.7	13	-	-	453840
2	1	57.4	13	-	-	646943
3	1	52.9	13	-	-	42420
4	3	96.3	13	1650	1212	235290
5	2	75.1	13	1999	-	428793
6	3	89.3	13	1833	1939	620127
7	2	80.1	13	1249	-	18547
8	3	89.8	13	1725	1635	211231
9	2	79.4	13	1515	-	405351
10	1	57.2	13	-	-	599376
11	1	64.8	13	-	-	793375
12	1	60.4	13	-	-	188372
13	3	90.8	13	1091	1793	380508
14	1	57.9	13	-	-	575523
15	1	61.5	13	-	-	768956
16						
17						
18						
19						
20						

Report Number : FZ530461

DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5563			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	80.2	17	1795	-	144768
2	2	77.6	17	1756	-	315236
3	3	99.7	17	1130	1605	485219
4	3	84	17	1644	1101	654701
5	3	92.9	17	1938	1231	123459
6	3	92.4	17	1356	1961	293512
7	3	86.5	17	1374	1007	463868
8	1	61.4	17	-	-	636169
9	1	56.5	17	-	-	103076
10	1	63.5	17	-	-	273791
11	3	98.2	17	1276	1238	443097
12	3	99.9	17	1816	1423	612930
13	3	88.7	17	1048	1647	81649
14	3	88.1	17	1321	1150	251799
15	1	51.8	17	-	-	423551
16	3	95.5	17	1778	1687	591662
17	3	97.6	17	1889	1770	60618
18						
19						
20						

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5562			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	57	19	-	-	197035
2	1	60.9	19	-	-	342283
3	3	97.7	19	1125	1713	484626
4	2	73.7	19	1591	-	33821
5	2	76.2	19	1599	-	178558
6	2	78	19	1006	-	323874
7	3	96.4	19	1995	1219	466658
8	3	90	19	1711	1462	15951
9	2	83.1	19	1829	-	160744
10	1	60.9	19	-	-	306248
11	1	64.5	19	-	-	451704
12	3	94.9	19	1883	1801	592908
13	1	52.6	19	-	-	143379
14	1	61.8	19	-	-	288265
15	2	74.5	19	1555	-	432486
16	3	96.3	19	1547	1172	576452
17	2	79.7	19	1907	-	125015
18	2	72.6	19	1534	-	269876
19	2	69.8	19	1705	-	414229
20	2	73.8	19	1641	-	559158