FCC DFS TEST REPORT

FCC ID	:	**2AFZZRC04**
Equipment	:	**Xiaomi WiFi Range Extender AC1200**
Brand Name	:	**xiaomi**
Model Name	:	**RC04**
Applicant	:	**Xiaomi Communications Co., Ltd** **#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085**
Manufacturer	:	**Xiaomi Communications Co., Ltd** **#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085**
Standard	:	**FCC Part 15 Subpart E**

The product was received on Apr. 24, 2024 and testing was performed from May 21, 2024 to Jun. 04, 2024. 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 from 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
FZ441123	01	Initial issue of report	Jun. 27, 2024

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: Ming Chen

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. **Antenna Type** WLAN: **<Ant. 1>**: External Antenna **<Ant. 2>**: External Antenna

Antenna information		
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	Ant. 1: 3.87 Ant. 2: 4.4
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	Ant. 1: 3.72 Ant. 2: 3.93

Remark:

1. The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.
2. The device supports bridge mode, can work as a relay, and can perform a performance check to verify bridge mode. It does not support bandwidth 160M.

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) + (2.63) [dBi]+ 1 dB= -60.37 dBm.

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.

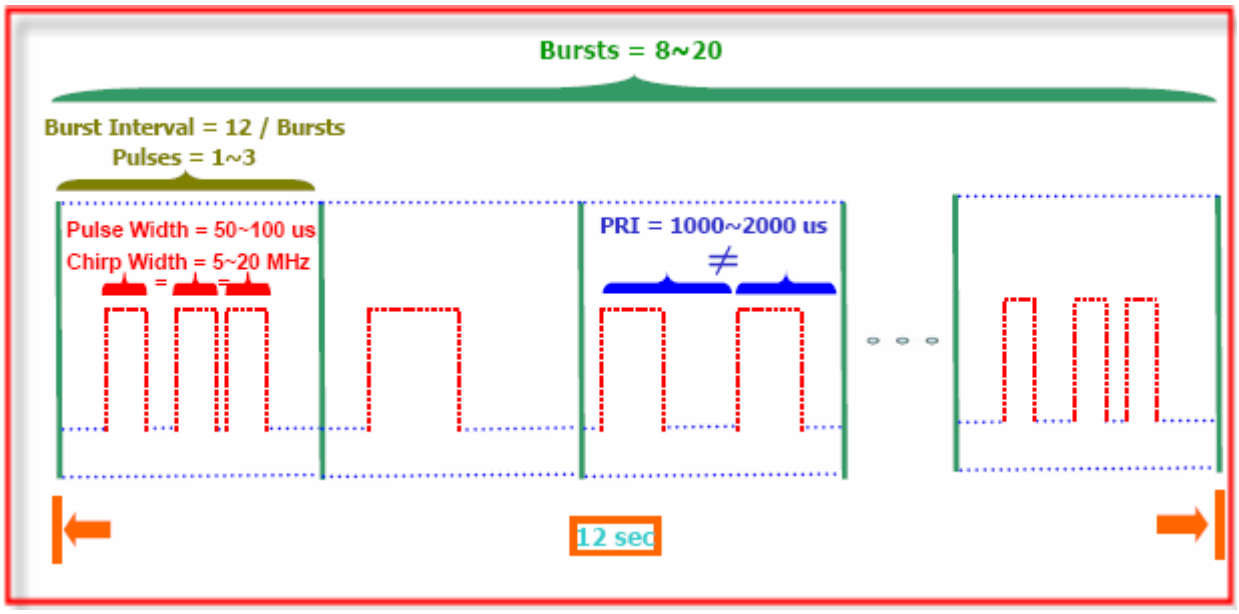
(3) Burst 1 has 2 randomly generated pulses.

(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.

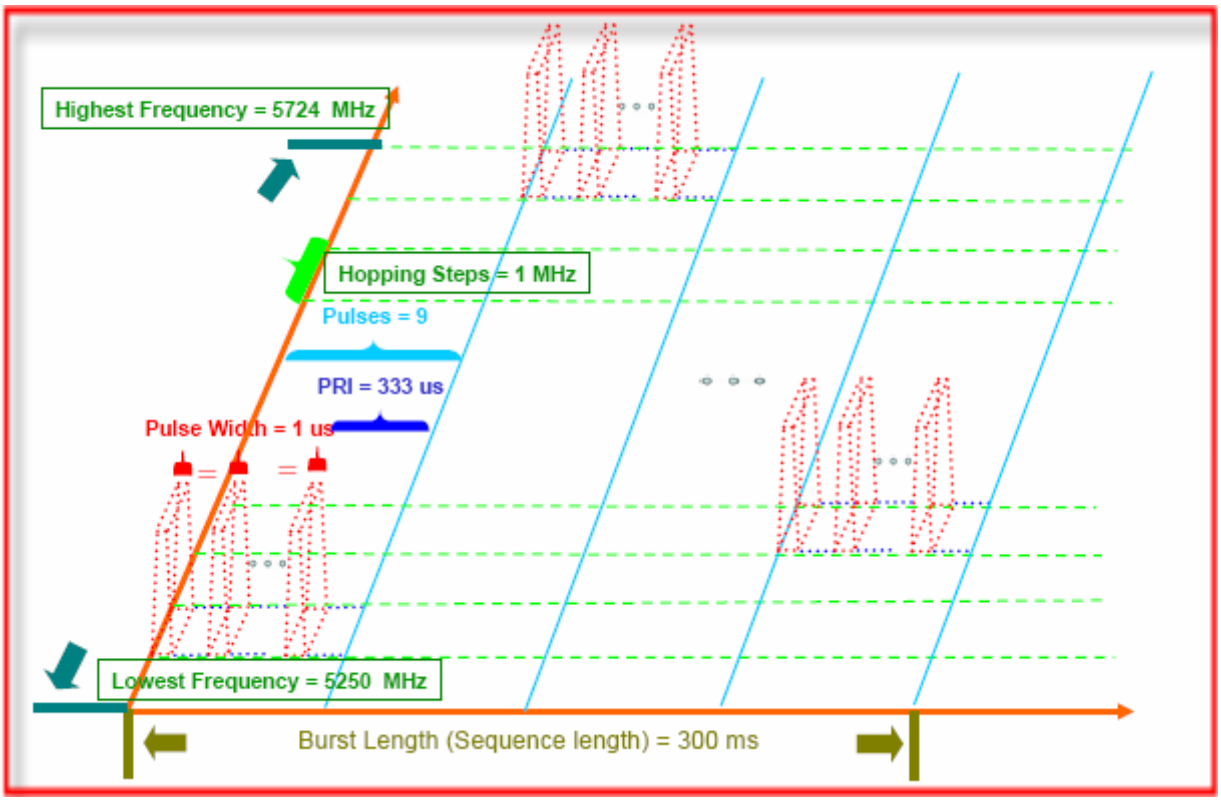
(7) Each Burst is contained in even intervals of 1,500,000 microseconds. The starting location for Pulse 1, Burst 1 is randomly generated (1 to 1,500,000 minus the total Burst 1 length + 1 random PRI interval) at the 325,001 microsecond step. Bursts 2 through 8 randomly fall in successive 1,500,000 microsecond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



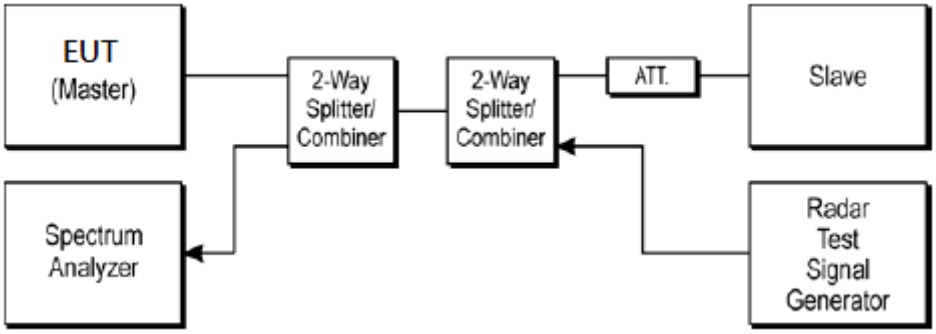
3 Calibration Setup and DFS Test Results

3.1 Calibration of Radar Waveform

3.1.1 Radar Waveform Calibration Procedure

The Interference Radar Detection Threshold Level is (-64) + (2.63) [dBi] + 1dB = -60.37 dBm 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 (-64) + (2.63) [dBi] + 1dB = -60.37 dBm. Capture the spectrum analyzer plots on radar waveform.

3.1.2 Conducted Calibration Setup

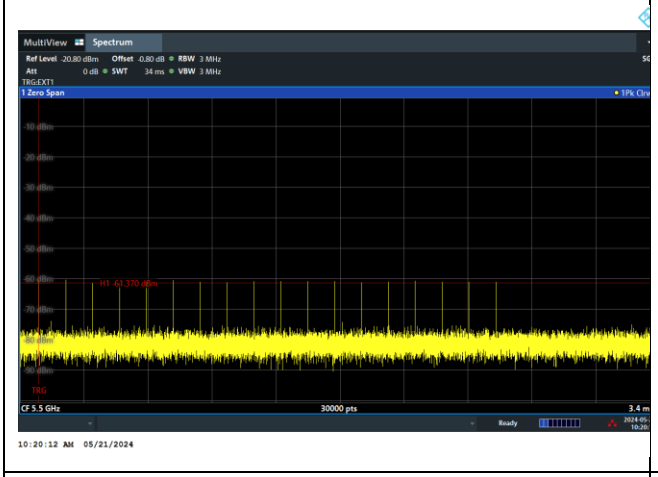


3.1.3 Calibration Deviation

There is no deviation with the original standard.

3.1.4 Radar Waveform Calibration Result

<5500MHz / 20MHz>

Radar Type 0	
	
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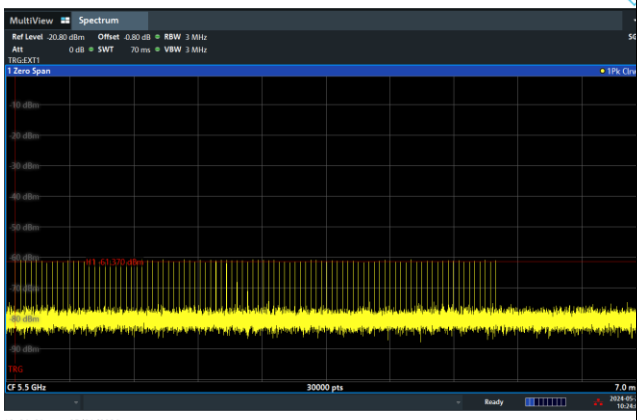
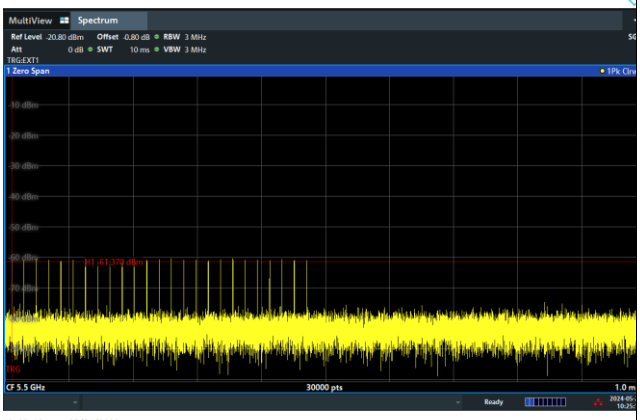
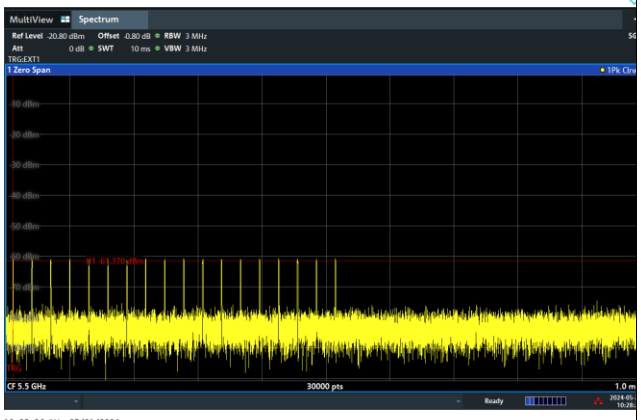
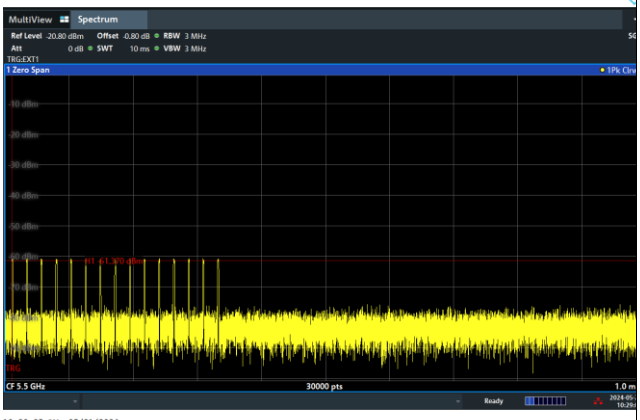
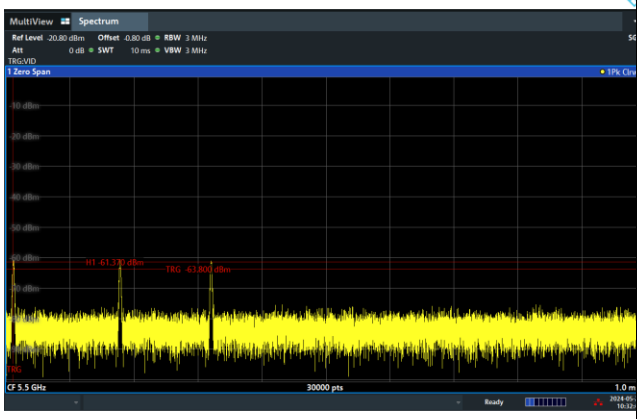
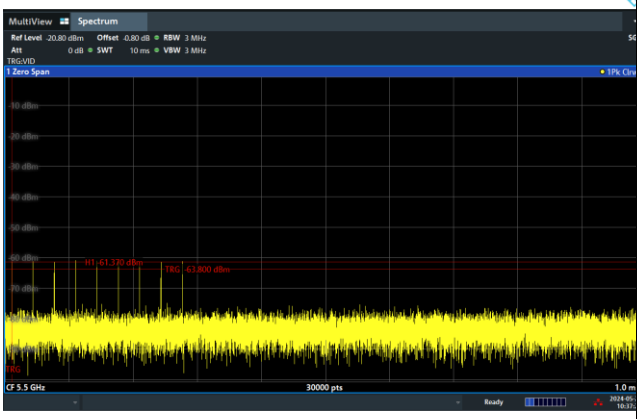
	
Radar Type 3	**Radar Type 4**
	

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

<5510MHz / 40MHz>

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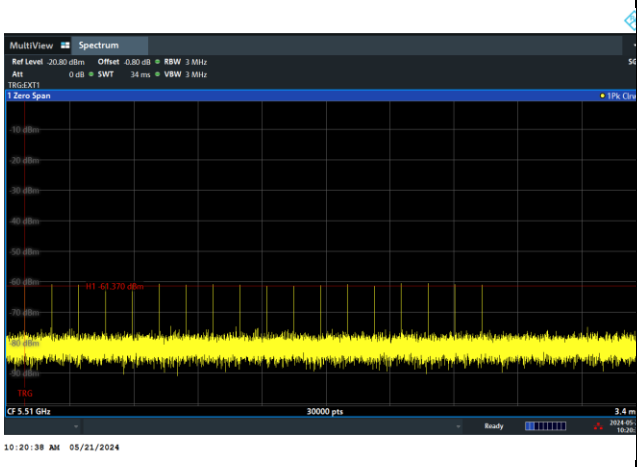	
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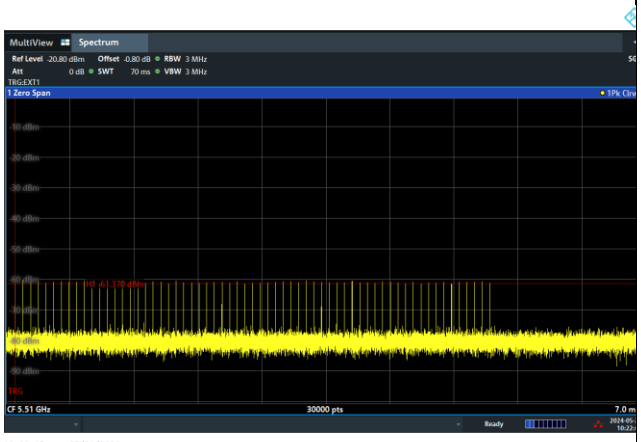	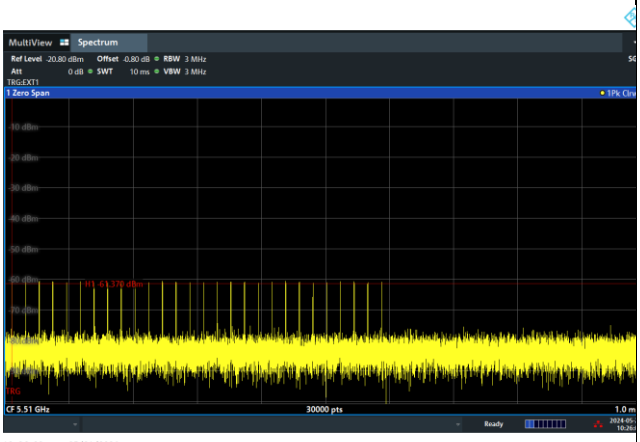
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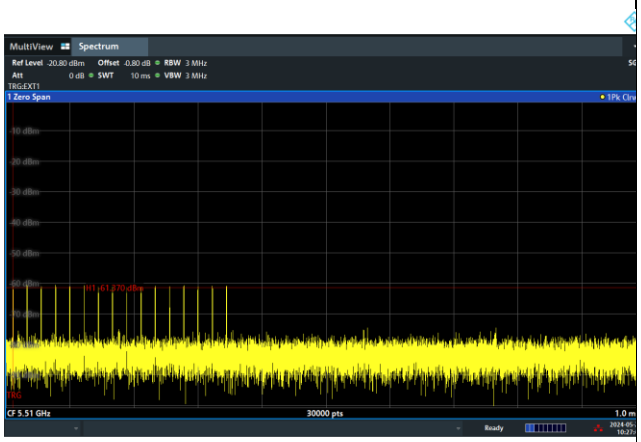
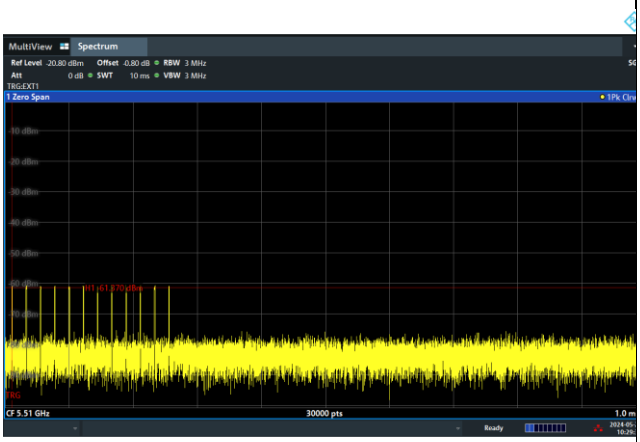
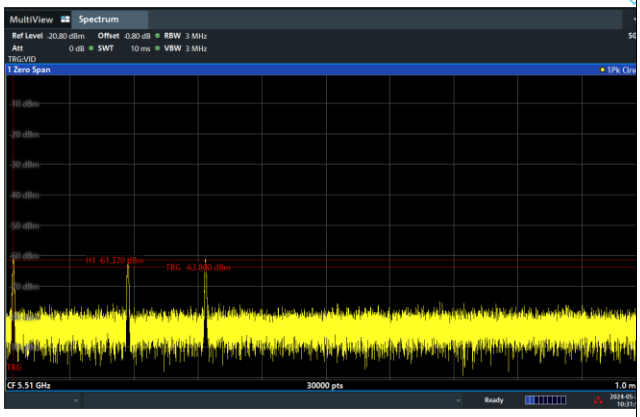
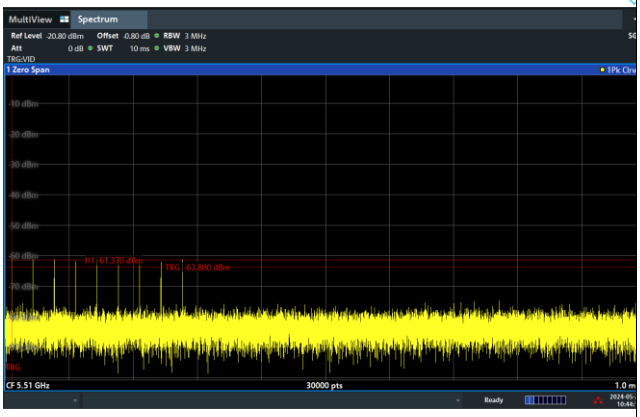
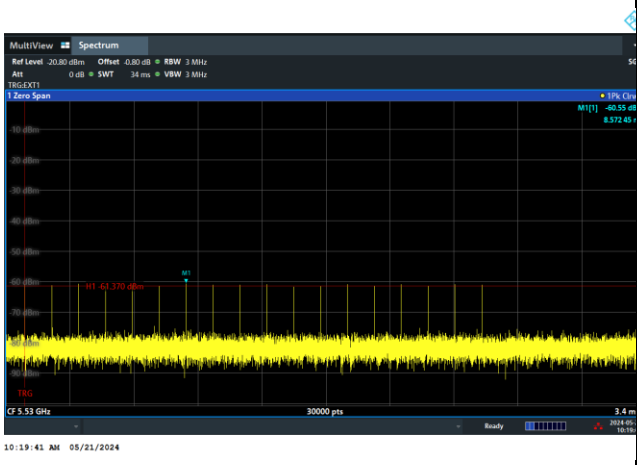
	

Single Burst of Radar Type 5	Single Burst of Radar Type 6
	

<5530MHz / 80MHz>

Radar Type 0	
	
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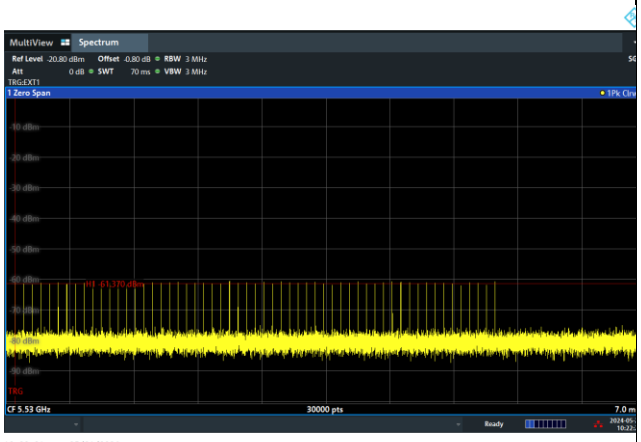
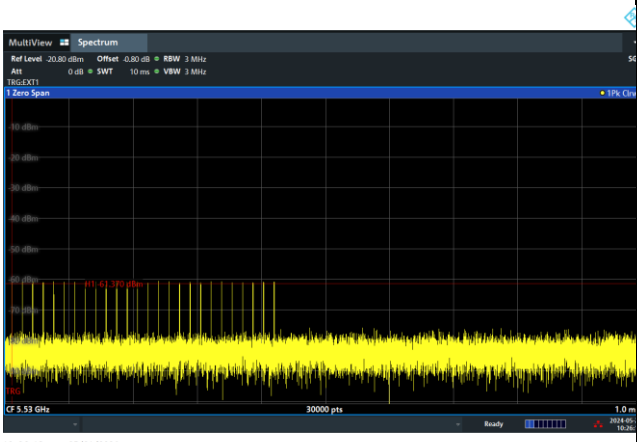
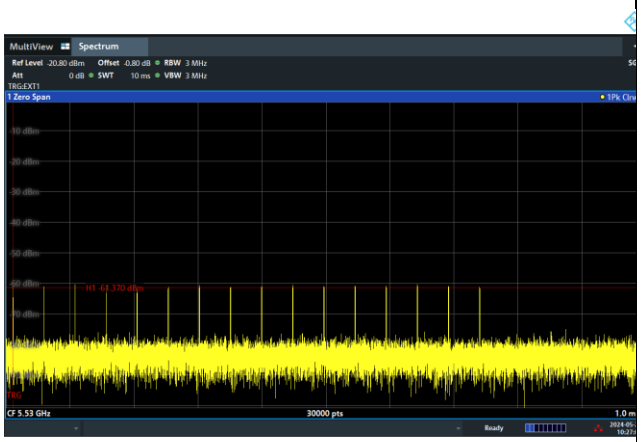
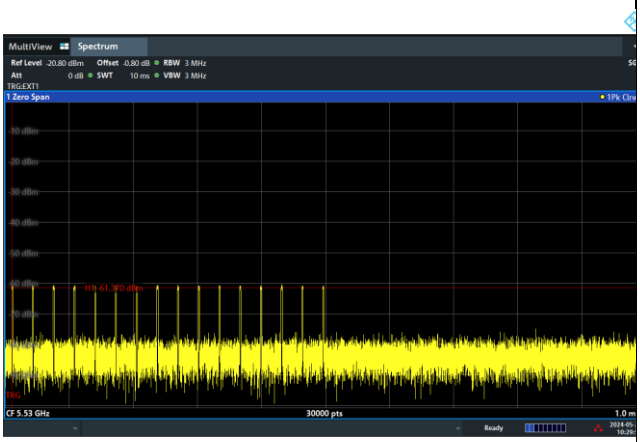
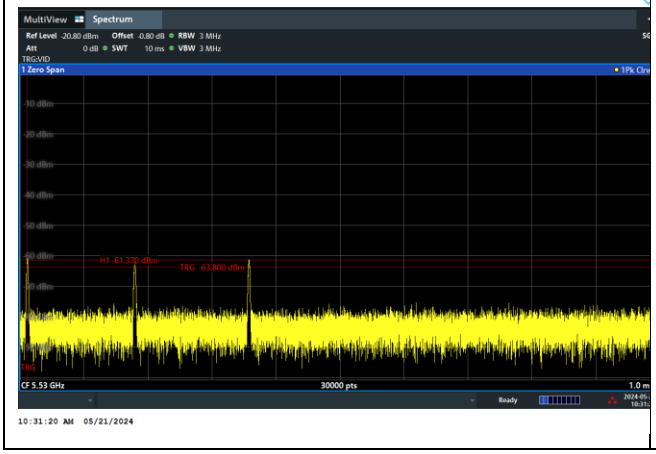
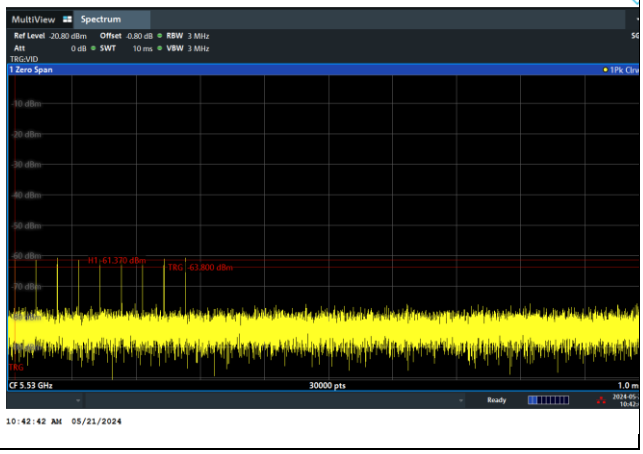
	
Radar Type 3	**Radar Type 4**
	

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

3.2 U-NII Detection Bandwidth

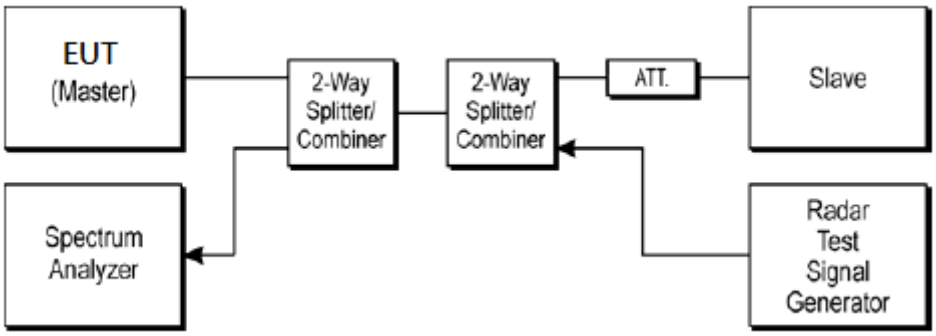
3.2.1 Limit of U-NII Detection Bandwidth

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		
5485	-15	N	N	N	N	N	N	N	N	N	N	0	
5486	-14	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	FL
5487	-13	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5488	-12	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
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	
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	
5511	11	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5512	12	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5513	13	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5514	14	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	FH
5515	15	N	N	N	N	N	N	N	N	N	N	0	

Detection Bandwidth = $F_H - F_L$ = **5514** – **5486** = **28** MHz

EUT 99% Bandwidth = 18.023 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		
5480	-30	N	N	N	N	N	N	N	N	N	N	0	
5481	-29	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	FL
5482	-28	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5483	-27	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5484	-26	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5485	-25	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5486	-24	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5487	-23	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5488	-22	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
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	
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	
5531	21	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5532	22	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5533	23	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	

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		
5534	24	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5535	25	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5536	26	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5537	27	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5538	28	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5539	29	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	FH
5540	30	N	N	N	N	N	N	N	N	N	N	0	
Detection Bandwidth = $F_H - F_L$ = **5539** – **5481** = **58** MHz EUT 99% Bandwidth = 37.156 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		
5470	-60	N	N	N	N	N	N	N	N	N	N	0	
5471	-59	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	FL
5472	-58	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5473	-57	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5474	-56	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5475	-55	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5476	-54	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5477	-53	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5478	-52	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5479	-51	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5480	-50	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5481	-49	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5482	-48	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5483	-47	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5484	-46	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5485	-45	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5486	-44	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5487	-43	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5488	-42	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
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	
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	
5571	41	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5572	42	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5573	43	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5574	44	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5575	45	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5576	46	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5577	47	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5578	48	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5579	49	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5580	50	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5581	51	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5582	52	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5583	53	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5584	54	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5585	55	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5586	56	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5587	57	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	FH
5588	58	N	N	N	N	N	N	N	N	N	N	0	
Detection Bandwidth = F_H – F_L =**5587** – **5471** = **116** MHz EUT 99% Bandwidth = 75.333 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.

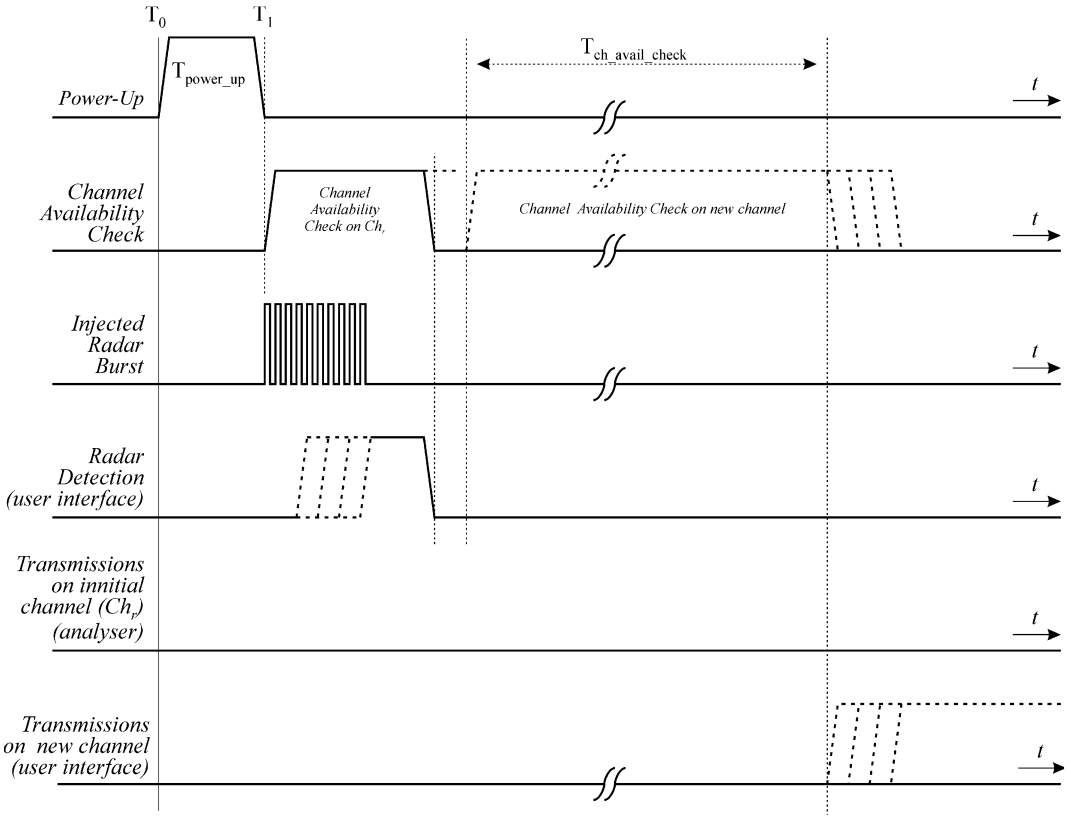


Figure 15: Example of timing for radar testing at the beginning of the Channel Availability Check Time

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.

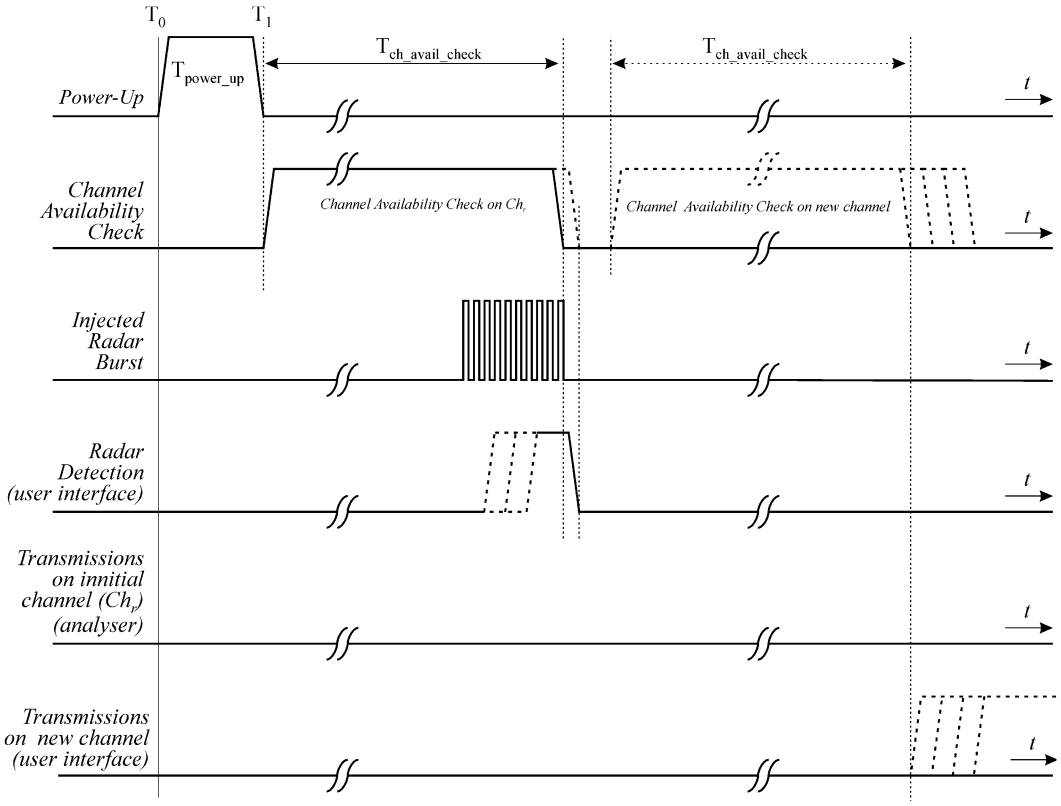
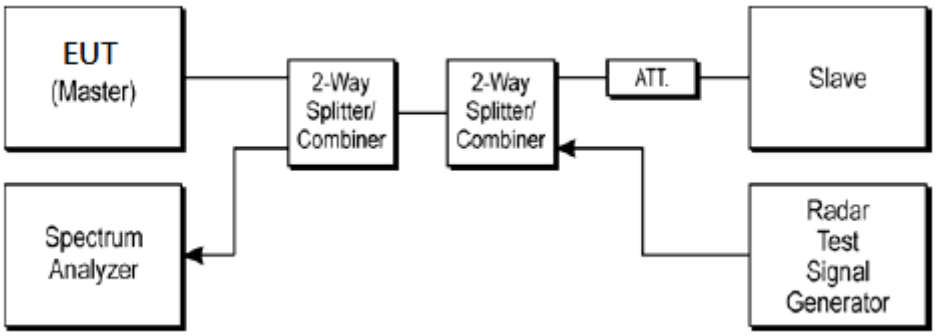


Figure 16: Example of timing for radar testing towards the end of the Channel Availability Check Time

3.3.5 Test Setup

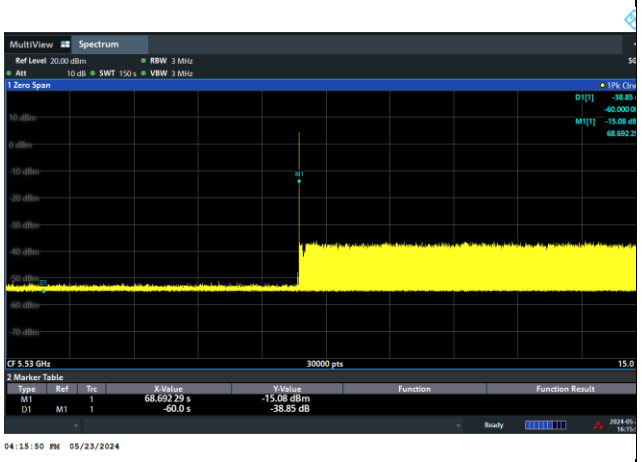
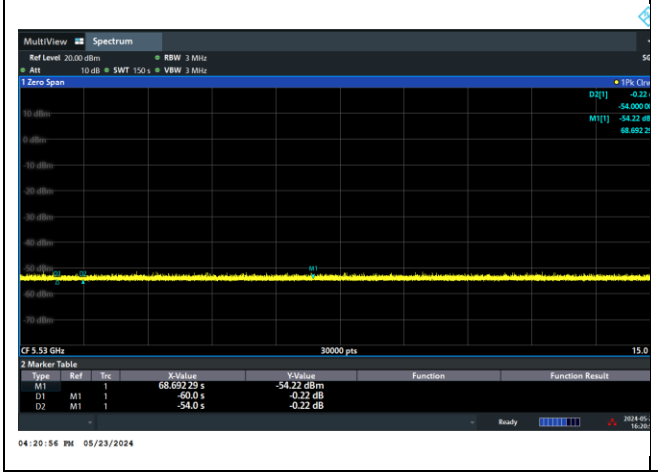
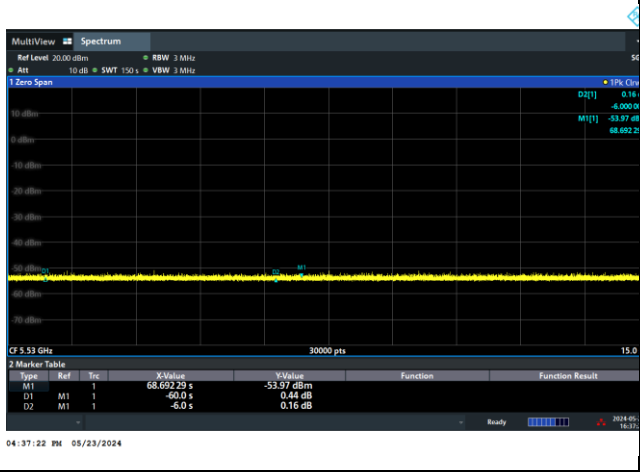


3.3.6 Test Deviation

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: End of Channel Availability Check

Delta 1: 60 seconds before End of Channel Availability Check

Delta 2: 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

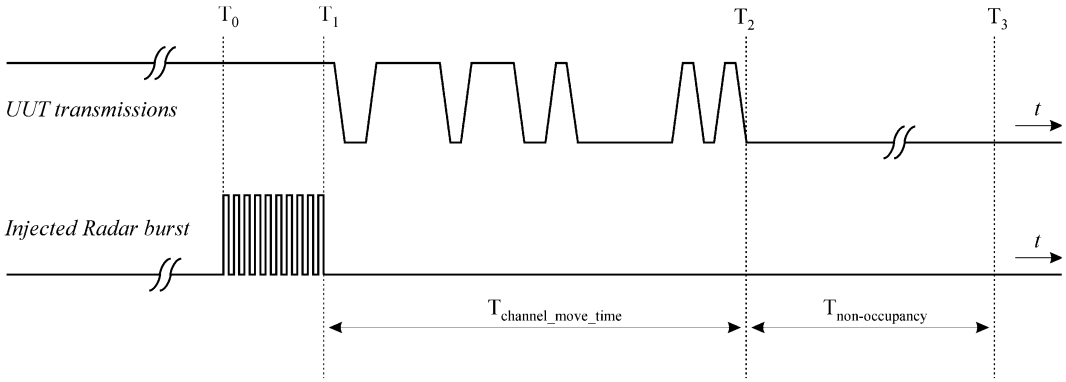
3.4.1 Limit of In-Service Monitoring

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.

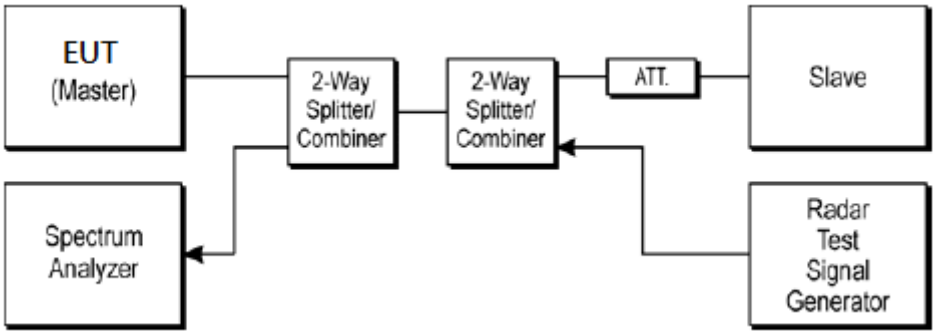
(7) When operating as a Master Device, monitor the EUT for more than 30 minutes following instant T2 to verify that the EUT does not resume any transmissions on this Channel. Perform this test once and record the measurement result.



(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 :**	22.3 ~ 26.8 °C
Test Engineer :	Rebecca Li	**Relative Humidity :**	42.5 ~ 55.3 %

<AP Mode>

BW / Channel	Test Item	Test Result	Limit	Pass/Fail
<80MHz / 5530MHz>	Channel Move Time	**1.061235s**	**＜ 10s**	**Pass**
	Channel Closing Transmission Time	**200ms + 10.8ms**	**＜ 260ms**	**Pass**
	Non-Occupancy Period	**≥ 30 min**	**≥ 30 min**	**Pass**

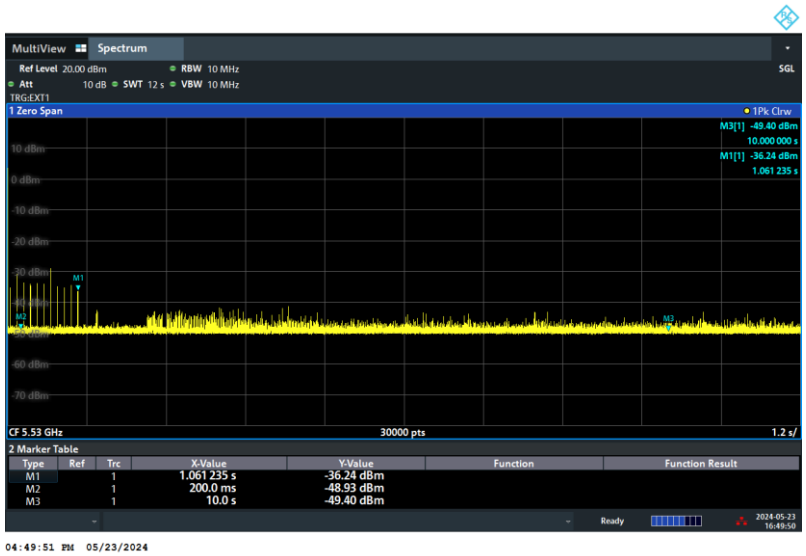
<Bridge Mode>

BW / Channel	Test Item	Test Result	Limit	Pass/Fail
<80MHz / 5530MHz>	Channel Move Time	**1.074436s**	**＜ 10s**	**Pass**
	Channel Closing Transmission Time	**200ms + 10.8ms**	**＜ 260ms**	**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.

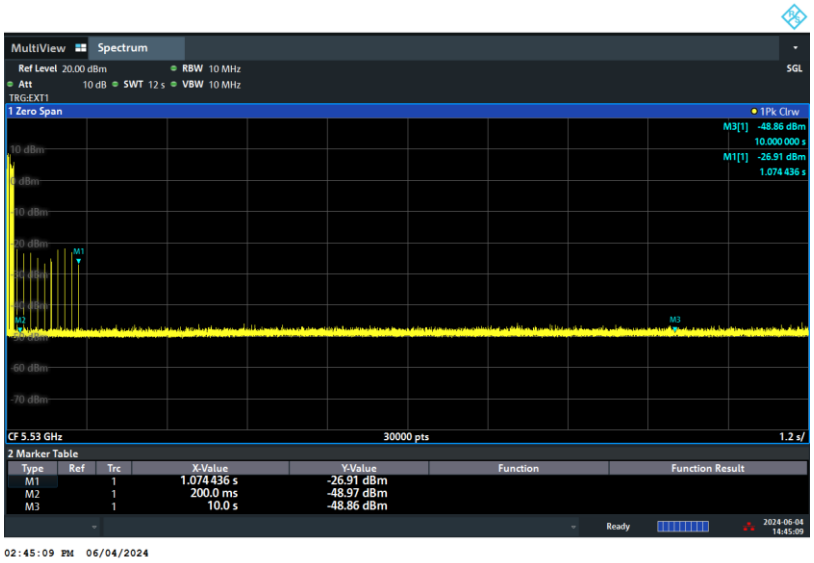
3.4.6 Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period Test Plots

<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 + 10.8 ms) = 200 + Number (27) X Dwell (0.4 ms) < 260ms

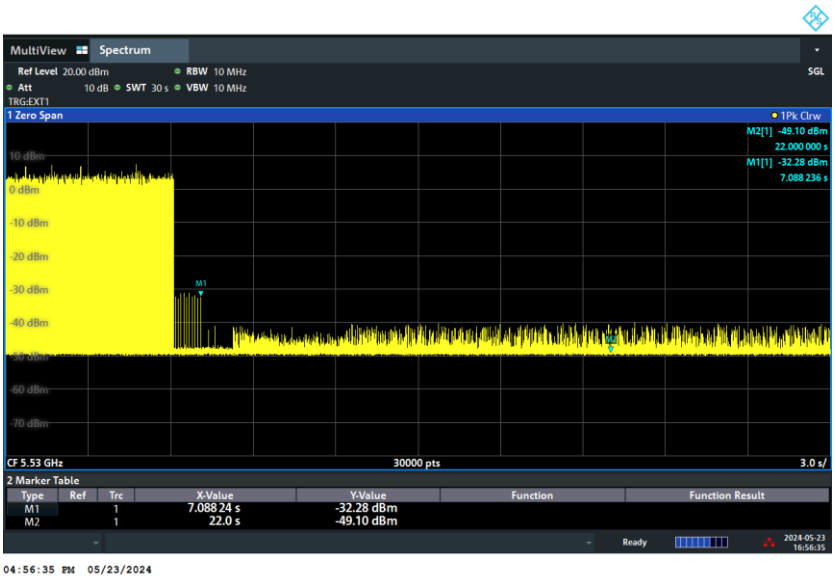
<Brdige Mode>

<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 + 10.8 ms) = 200 + Number (27) X Dwell (0.4 ms) < 260ms

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

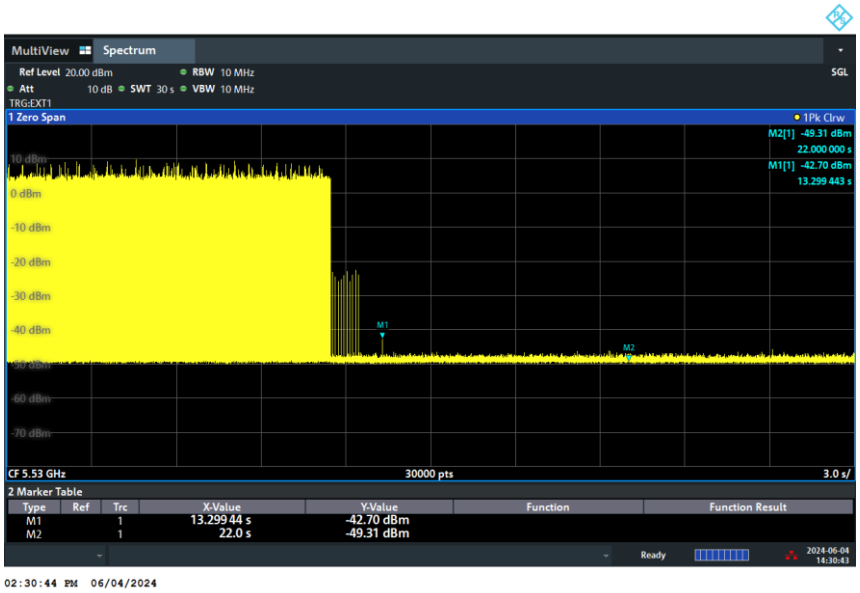
<AP Mode>

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

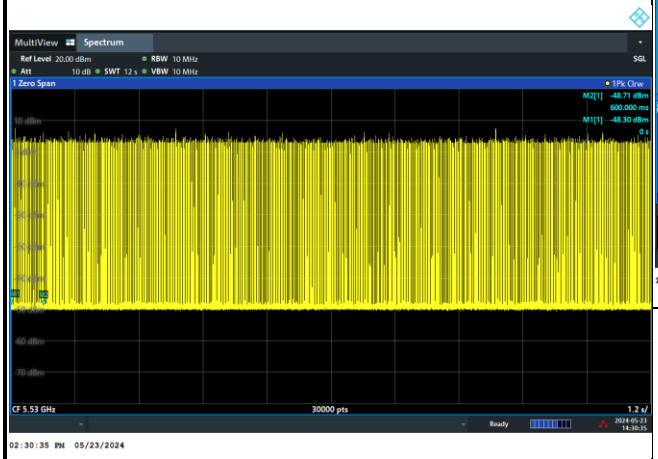
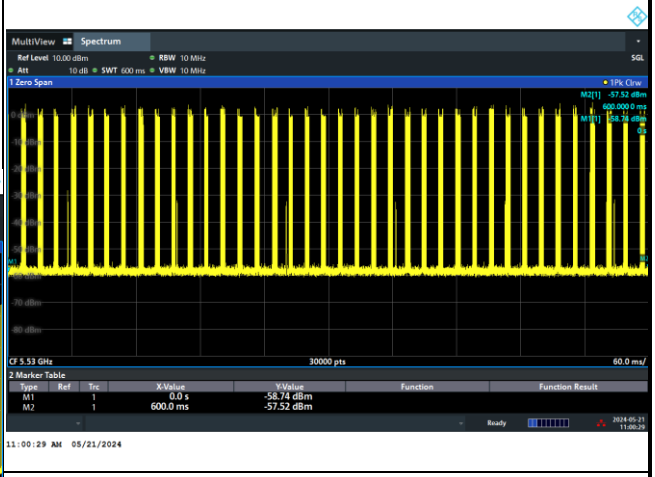
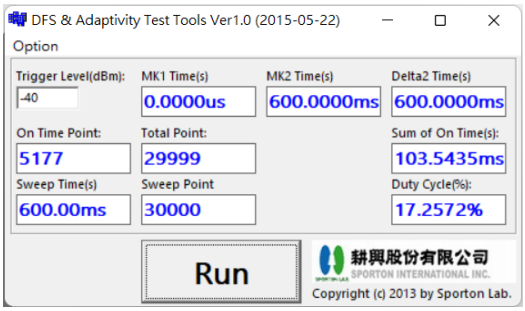


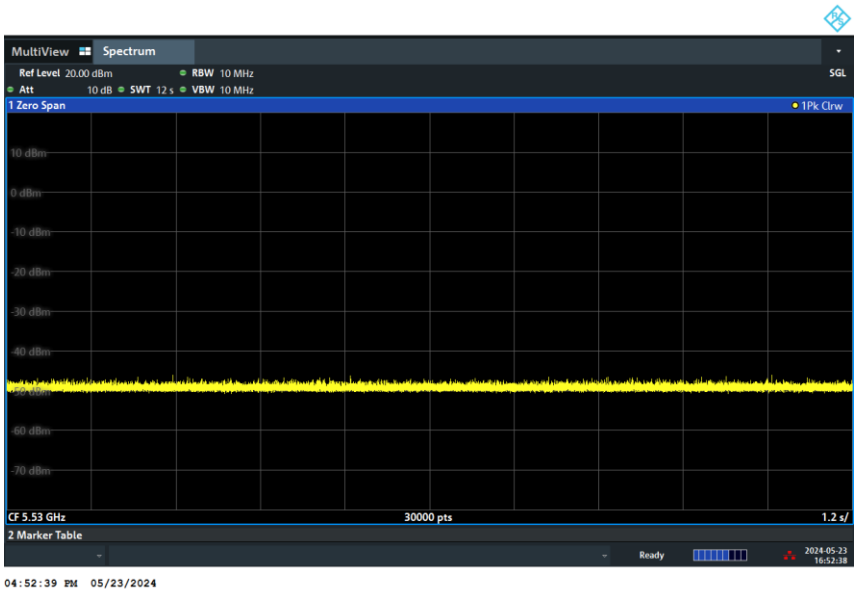
<Bridge Mode>

<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

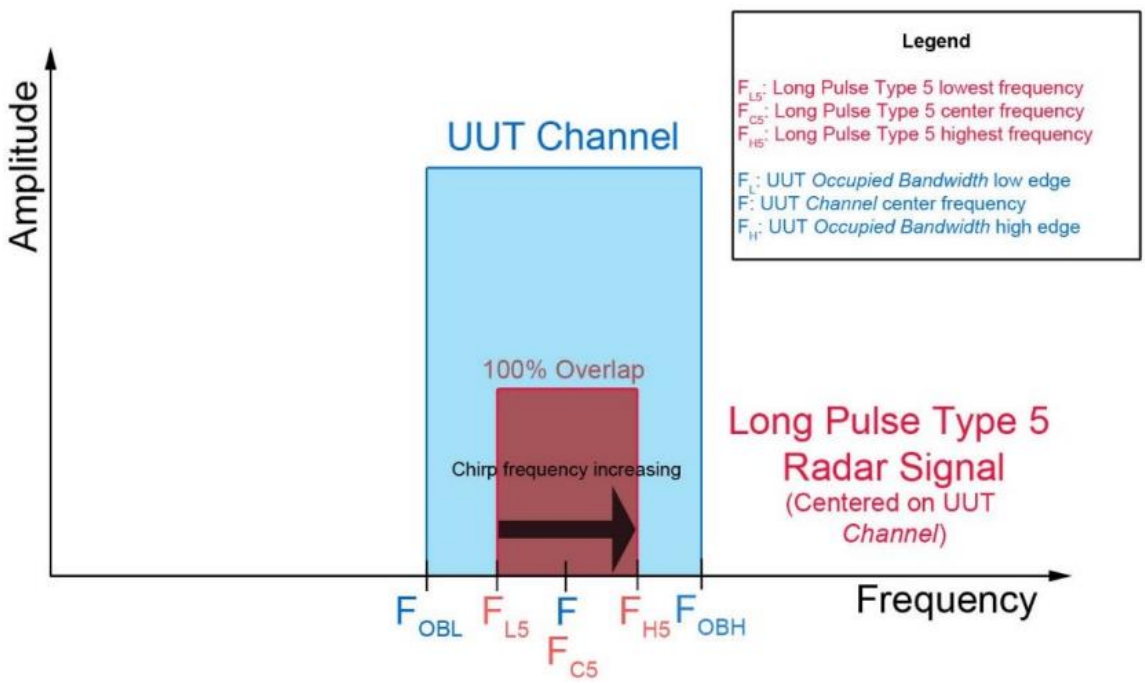
Radar Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Number of Pulses per *Burst*	Number of *Bursts*	Minimum Percentage of Successful Detection	Minimum Number of Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

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.

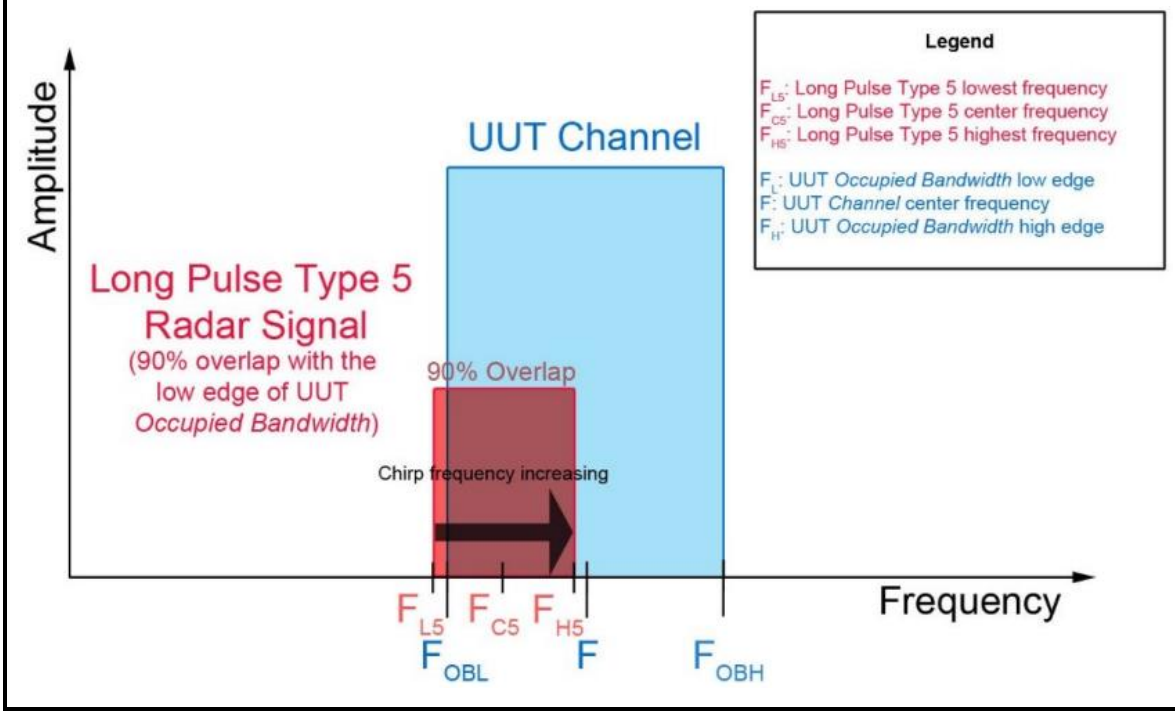
Three subsets of trials will be performed with a minimum of ten trials per subset.
The subset of trials differs in where the Long Pulse Type 5 Signal is tuned in frequency:
a) The Channel center frequency (subset case 1).
b) Tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation 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: $FH - (0.4 * Chirp\ Width\ [in\ MHz])$

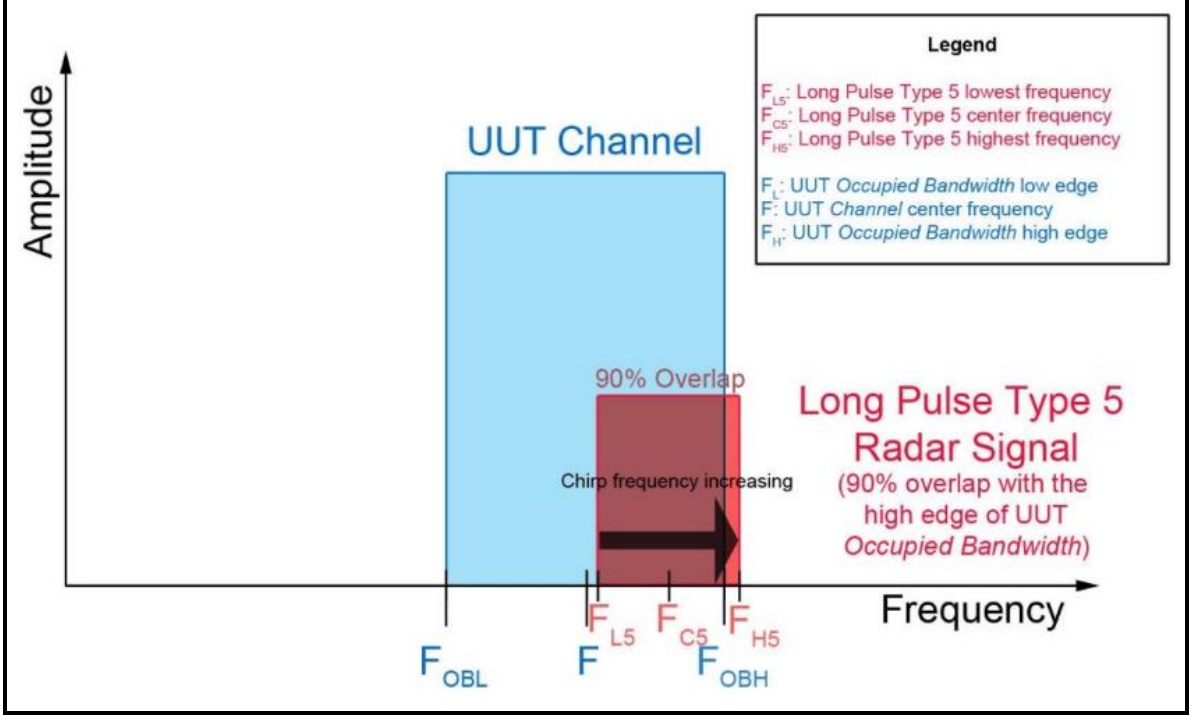
a) Channel center frequency (subset case 1)



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

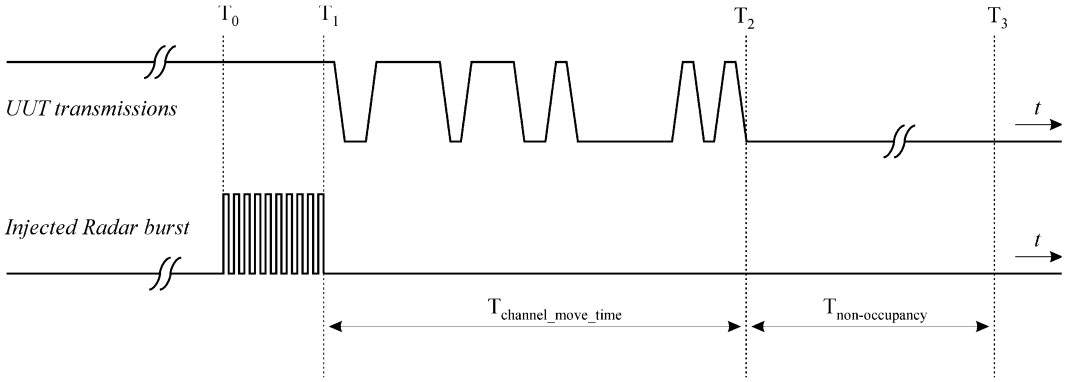
Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

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:

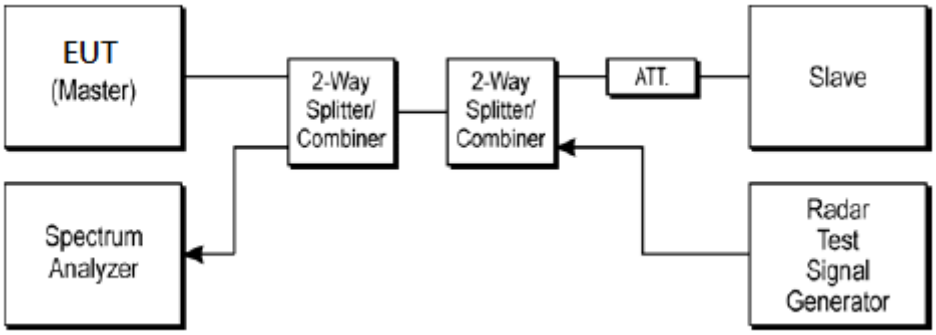
The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250 – 5724 MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues 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**	**N**	**Y**
4	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
5	**Y**	**Y**	**N**	**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**	**N**	**N**	**N**	**Y**
17	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
18	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
19	**Y**	**Y**	**Y**	**Y**	**N**	**Y**
20	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
21	**Y**	**Y**	**Y**	**N**	**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**	**28/30**	**28/30**	**26/30**	**30/30**
Probability (%)	**100%**	**100%**	**93.33%**	**93.33%**	**86.67%**	**100%**
Limit (%)	≥ 60%	≥ 60%	≥ 60%	≥ 60%	≥ 80%	≥ 70%
Average Probability of Radar Type 1~4 (%)			**96.67%** (≥ 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**	**N**	**Y**	**Y**
12	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
13	**Y**	**Y**	**Y**	**Y**	**N**	**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**	**N**	**Y**	**Y**
23	**Y**	**Y**	**N**	**Y**	**Y**	**Y**
24	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
25	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
26	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
27	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
28	**Y**	**Y**	**Y**	**Y**	**N**	**Y**
29	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
30	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
Trial of Detection	**30/30**	**30/30**	**29/30**	**26/30**	**28/30**	**30/30**
Probability (%)	**100%**	**100%**	**96.67%**	**86.67%**	**93.33%**	**100%**
Limit (%)	≥ 60%	≥ 60%	≥ 60%	≥ 60%	≥ 80%	≥ 70%
Average Probability of Radar Type 1~4 (%)			**95.83%** (≥ 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**	**Y**	**Y**	**Y**
2	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
3	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
4	**Y**	**Y**	**Y**	**N**	**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**	**N**	**Y**	**Y**
9	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
10	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
11	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
12	**Y**	**Y**	**N**	**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**	**N**	**Y**	**Y**	**Y**
18	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
19	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
20	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
21	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
22	**Y**	**Y**	**N**	**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**	**N**	**N**	**N**	**N**	**Y**
29	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
30	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
Trial of Detection	**30/30**	**29/30**	**26/30**	**24/30**	**29/30**	**30/30**
Probability (%)	**100%**	**96.67%**	**86.67%**	**80%**	**96.67%**	**100%**
Limit (%)	≥ 60%	≥ 60%	≥ 60%	≥ 60%	≥ 80%	≥ 70%
Average Probability of Radar Type 1~4 (%)			**90.83%** (≥ 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**	**N**	**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**	**N**	**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**	**Y**	**Y**	**Y**
10	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
11	**Y**	**Y**	**Y**	**Y**	**N**	**Y**
12	**Y**	**Y**	**N**	**Y**	**Y**	**Y**
13	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
14	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
15	**Y**	**Y**	**N**	**Y**	**Y**	**Y**
16	**Y**	**Y**	**Y**	**N**	**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**	**N**	**Y**	**Y**
26	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
27	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
28	**Y**	**Y**	**Y**	**Y**	**N**	**Y**
29	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
30	**Y**	**Y**	**N**	**Y**	**Y**	**Y**
Trial of Detection	**30/30**	**30/30**	**26/30**	**24/30**	**28/30**	**30/30**
Probability (%)	**100%**	**100%**	**86.67%**	**80%**	**93.33%**	**100%**
Limit (%)	≥ 60%	≥ 60%	≥ 60%	≥ 60%	≥ 80%	≥ 70%
Average Probability of Radar Type 1~4 (%)			**91.67%** (≥ 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	May 04, 2023	May 21, 2024~ Jun. 04, 2024	May 03, 2024	DFS (DF02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV3013	101549	10Hz~13.6GHz	Jan. 30, 2024	May 21, 2024~ Jun. 04, 2024	Jan. 29, 2025	DFS (DF02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV3013	101550	10Hz~13.6GHz	Jan. 30, 2023	May 21, 2024~ Jun. 04, 2024	Jan. 29, 2024	DFS (DF02-HY)
Power Divider	Woken	2Way Divider	DCMB1KW7A2	0.5GHz-18GHz	Calibration from System	May 21, 2024~ Jun. 04, 2024	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 21, 2024~ Jun. 04, 2024	Calibration from System	DFS (DF02-HY)
Power Divider	Woken	0120A04051801O	DCMB1CW3A7	0.5-18GHz	Calibration from System	May 21, 2024~ Jun. 04, 2024	Calibration from System	DFS (DF02-HY)
RF Cable	MTJ Cooperstion	SBF405-105FLEX	MTJ-30cm-04	30 kHz~18GHz	Calibration from System	May 21, 2024~ Jun. 04, 2024	Calibration from System	DFS (DF02-HY)
RF Cable	MTJ Cooperstion	SBF405-105FLEX	MTJ-30cm-05	30 kHz~18GHz	Calibration from System	May 21, 2024~ Jun. 04, 2024	Calibration from System	DFS (DF02-HY)
RF Cable	EM	SFL402	SFL402-30cm-#8	30 kHz~18GHz	Calibration from System	May 21, 2024~ Jun. 04, 2024	Calibration from System	DFS (DF02-HY)
RF Cable	EC	SS405	SS405-100cm-05	30 kHz~18GHz	Calibration from System	May 21, 2024~ Jun. 04, 2024	Calibration from System	DFS (DF02-HY)
RF Cable	EC	SS405	SS405-100cm-06	30 kHz~18GHz	Calibration from System	May 21, 2024~ Jun. 04, 2024	Calibration from System	DFS (DF02-HY)
RF Cable	EC	SLF405	EC-SFL405-100cm-#8	30 kHz~18GHz	Calibration from System	May 21, 2024~ Jun. 04, 2024	Calibration from System	DFS (DF02-HY)
RF Cable	MVE	SPF141	SPF141-100cm-#12	30 kHz~18GHz	Calibration from System	May 21, 2024~ Jun. 04, 2024	Calibration from System	DFS (DF02-HY)
RF Cable	Woken	S05	S05-60cm-01	30 kHz~18GHz	Calibration from System	May 21, 2024~ Jun. 04, 2024	Calibration from System	DFS (DF02-HY)
Software 1	Sporton	DFS & Adaptivity Test Tools	N/A	Ver 1.0	NCR	May 21, 2024~ Jun. 04, 2024	NCR	DFS (DF02-HY)
Software 2	Keysight	Keysight Signal Studio for DFS Radar Profiles	N/A	Ver 1.5.5.0	NCR	May 21, 2024~ Jun. 04, 2024	NCR	DFS (DF02-HY)

Appendix A. Radar Parameters

Report Number : FZ441123

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	8	1519.76	658	Yes
2	19	1138.95	878	Yes
3	16	1222.49	818	Yes
4	5	1672.24	598	Yes
5	22	1066.10	938	Yes
6	18	1165.50	858	Yes
7	2	1858.74	538	Yes
8	4	1730.10	578	Yes
9	20	1113.59	898	Yes
10	14	1285.35	778	Yes
11	23	326.16	3066	Yes
12	11	1392.76	718	Yes
13	17	1193.32	838	Yes
14	10	1432.66	698	Yes
15	15	1253.13	798	Yes
16		386.40	2588	Yes
17		616.14	1623	Yes
18		526.04	1901	Yes
19		677.97	1475	Yes
20		1706.48	586	Yes
21		337.27	2965	Yes
22		494.56	2022	Yes
23		511.77	1954	Yes
24		456.41	2191	Yes
25		517.60	1932	Yes
26		1161.44	861	Yes
27		1182.03	846	Yes
28		395.88	2526	Yes
29		393.24	2543	Yes
30		623.44	1604	Yes

Report Number : FZ441123

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	26	3.20	210	Yes
2	26	3.10	221	Yes
3	26	2.80	229	Yes
4	24	1.50	206	Yes
5	29	4.80	155	Yes
6	29	5.00	205	Yes
7	23	1.00	228	Yes
8	29	4.90	215	Yes
9	24	2.00	213	Yes
10	29	4.50	225	Yes
11	23	1.20	222	Yes
12	26	3.30	169	Yes
13	23	1.40	200	Yes
14	23	1.10	227	Yes
15	27	3.70	183	Yes
16	26	3.30	191	Yes
17	29	4.70	198	Yes
18	29	4.90	184	Yes
19	23	1.10	171	Yes
20	25	2.20	230	Yes
21	23	1.20	157	Yes
22	26	3.00	167	Yes
23	29	5.00	174	Yes
24	26	3.10	179	Yes
25	24	2.10	161	Yes
26	25	2.40	150	Yes
27	23	1.10	176	Yes
28	23	1.00	190	Yes
29	26	2.80	160	Yes
30	28	3.90	202	Yes

Report Number : FZ441123

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	17	8.20	303	Yes
2	17	8.10	237	Yes
3	17	7.80	361	Yes
4	16	6.50	461	Yes
5	18	9.80	216	No
6	18	10.00	358	Yes
7	16	6.00	420	Yes
8	18	9.90	311	Yes
9	16	7.00	405	Yes
10	18	9.50	419	Yes
11	16	6.20	331	Yes
12	17	8.30	272	Yes
13	16	6.40	443	Yes
14	16	6.10	401	Yes
15	18	8.70	242	Yes
16	17	8.30	270	No
17	18	9.70	274	Yes
18	18	9.90	462	Yes
19	16	6.10	424	Yes
20	16	7.20	487	Yes
21	16	6.20	356	Yes
22	17	8.00	302	Yes
23	18	10.00	245	Yes
24	17	8.10	301	Yes
25	16	7.10	312	Yes
26	17	7.40	320	Yes
27	16	6.10	395	Yes
28	16	6.00	365	Yes
29	17	7.80	444	Yes
30	18	8.90	438	Yes

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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	14	15.90	303	Yes
2	14	15.70	237	Yes
3	14	15.00	361	Yes
4	12	12.30	461	Yes
5	16	19.60	216	Yes
6	16	19.90	358	Yes
7	12	11.10	420	Yes
8	16	19.80	311	Yes
9	13	13.30	405	Yes
10	16	18.80	419	Yes
11	12	11.60	331	Yes
12	14	16.10	272	Yes
13	12	11.90	443	Yes
14	12	11.30	401	Yes
15	15	17.10	242	Yes
16	14	16.10	270	No
17	16	19.30	274	Yes
18	16	19.70	462	Yes
19	12	11.40	424	Yes
20	13	13.60	487	Yes
21	12	11.60	356	No
22	14	15.60	302	Yes
23	16	20.00	245	Yes
24	14	15.80	301	Yes
25	13	13.40	312	Yes
26	13	14.10	320	Yes
27	12	11.30	395	Yes
28	12	11.00	365	Yes
29	14	15.10	444	Yes
30	15	17.50	438	Yes

Report Number : FZ441123

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

Trial Number:			1			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	2	77.4	13	1965	-	630086
2	2	75.9	13	1347	-	26464
3	2	72.4	13	1454	-	219875
4	1	57.2	13	-	-	413577
5	3	97.5	13	1087	1249	605894
6	3	99.1	13	1670	1419	2627
7	1	51	13	-	-	196178
8	3	98.6	13	1584	1414	388556
9	1	63	13	-	-	583733
10	3	93.2	13	1807	1002	774401
11	1	53.6	13	-	-	172399
12	2	78.3	13	1029	-	365425
13	1	55.3	13	-	-	559731
14	1	51.7	13	-	-	753068
15	3	83.6	13	1629	1329	147965
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	78.1	13	1896	-	366135
2	3	95.9	13	1998	1532	571666
3	3	98	13	1381	1103	779606
4	1	52.3	13	-	-	133694
5	1	64.7	13	-	-	341272
6	1	53.3	13	-	-	548947
7	2	75.4	13	1155	-	755599
8	3	99.5	13	1605	1316	107677
9	2	76.8	13	1196	-	315083
10	1	63.7	13	-	-	522937
11	2	67.3	13	1565	-	728957
12	1	51.7	13	-	-	82537
13	1	50.4	13	-	-	290008
14	2	72.6	13	1341	-	497014
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Report Number : FZ441123

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

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5500			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	86	12	1261	1225	757465
2	3	99.1	12	1176	1557	61215
3	1	63	12	-	-	284930
4	2	71.4	12	1608	-	507272
5	1	60.8	12	-	-	731514
6	2	68.2	12	1140	-	33787
7	1	57.9	12	-	-	257249
8	3	98.1	12	1734	1120	479109
9	1	59.2	12	-	-	704694
10	2	74.9	12	1007	-	6295
11	3	97.8	12	1786	1352	229132
12	3	92.2	12	1044	1939	451629
13	1	60	12	-	-	676803
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Trial Number:			4			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	1	59.3	7	-	-	1301597
2	2	75.8	7	1380	-	291984
3	3	91.2	7	1868	1191	614074
4	1	66.3	7	-	-	938005
5	3	89.7	7	1880	1499	1258289
6	1	52.1	7	-	-	252575
7	1	54.4	7	-	-	575530
8	1	58.5	7	-	-	898419
9	3	90.1	7	1865	1250	1218731
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			20			
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	52.7	20	-	-	95640
2	1	54	20	-	-	240962
3	1	55.7	20	-	-	385953
4	1	55.2	20	-	-	531124
5	1	52	20	-	-	77705
6	2	76.5	20	1376	-	222516
7	3	95.7	20	1870	1911	365719
8	3	93.5	20	1257	1239	511262
9	2	80.2	20	1535	-	59720
10	3	97.4	20	1857	1481	203856
11	1	50.5	20	-	-	349988
12	2	75.9	20	1951	-	494066
13	2	77	20	1879	-	41814
14	3	94.2	20	1623	1980	185888
15	3	90.6	20	1540	1610	330685
16	1	56.9	20	-	-	477696
17	3	94.5	20	1637	1959	23952
18	3	83.5	20	1537	1964	168147
19	2	75.6	20	1269	-	313889
20	2	80	20	1332	-	458389

Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			20			
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	20	1952	1384	6174
2	2	73	20	1874	-	150901
3	1	54.6	20	-	-	296523
4	2	72.5	20	1187	-	440761
5	3	93.4	20	1008	1022	584373
6	1	66	20	-	-	133421
7	2	73.6	20	1360	-	278110
8	3	85.6	20	1463	1595	421869
9	3	97.5	20	1892	1838	565200
10	2	77.6	20	1696	-	115204
11	3	99.6	20	1877	1300	259243
12	3	96.1	20	1728	1826	403431
13	1	64.1	20	-	-	550800
14	3	96	20	1252	1718	97248
15	3	96.3	20	1235	1128	241957
16	1	59	20	-	-	387924
17	1	65.6	20	-	-	533097
18	1	55.6	20	-	-	79795
19	1	66.2	20	-	-	225127
20	2	81.5	20	1847	-	369118

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

Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			8			
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	52.4	5	-	-	1290063
2	1	65.7	5	-	-	155147
3	3	94.8	5	1754	1612	517462
4	1	50.3	5	-	-	882197
5	3	91.7	5	1695	1909	1242060
6	3	84.1	5	1690	1657	110168
7	2	82.4	5	1502	-	473438
8	2	81.7	5	1616	-	836583
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			20			
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	50.5	20	-	-	479420
2	1	59.3	20	-	-	26211
3	3	95.2	20	1583	1967	170424
4	2	68.7	20	1700	-	315692
5	2	78.8	20	1949	-	460082
6	2	78.5	20	1485	-	8311
7	1	53.4	20	-	-	153547
8	2	79.8	20	1476	-	297760
9	3	99.5	20	1607	1072	442155
10	2	83.2	20	1647	-	587616
11	1	61.9	20	-	-	135530
12	3	86	20	1662	1186	279296
13	1	52.8	20	-	-	426249
14	1	60	20	-	-	571535
15	3	96.1	20	1620	1243	117211
16	1	52.6	20	-	-	262770
17	3	97.9	20	1713	1162	406343
18	1	54.5	20	-	-	553026
19	1	61.8	20	-	-	99809
20	2	81	20	1729	-	244291

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

Trial Number:			9			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	98	9	1817	1181	708265
2	2	81.6	9	1726	-	972423
3	3	91.3	9	1459	1661	148759
4	3	88.8	9	1558	1175	412252
5	2	67.3	9	1290	-	676715
6	3	94.2	9	1014	1037	939957
7	2	77.6	9	1768	-	116444
8	2	70.9	9	1179	-	380568
9	2	78.3	9	1621	-	643863
10	1	54.2	9	-	-	909540
11	2	80.9	9	1293	-	83987
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			19			
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	18	-	-	201416
2	3	83.7	18	1832	1271	352738
3	3	92	18	1375	1954	504312
4	3	85	18	1971	1956	29656
5	3	88.1	18	1989	1004	181792
6	2	82.4	18	1626	-	334491
7	2	80.8	18	1149	-	487185
8	2	67.2	18	1931	-	10960
9	3	85.6	18	1872	1811	162777
10	3	92.6	18	1925	1505	314906
11	1	66.4	18	-	-	469571
12	1	59.5	18	-	-	621949
13	2	82.4	18	1357	-	144662
14	3	93.8	18	2000	1796	296231
15	2	80.3	18	1321	-	449838
16	2	78.6	18	1814	-	601280
17	3	92.4	18	1192	1663	125690
18	2	69.7	18	1837	-	278030
19	3	92.1	18	1021	1070	430355
20						

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

Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			8			
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	1	52.5	6	-	-	1390040
2	3	87.1	6	1088	1735	254800
3	2	72.2	6	1436	-	618151
4	1	51.3	6	-	-	982180
5	3	83.7	6	1522	1338	1342604
6	2	69	6	1388	-	210374
7	2	68.1	6	1804	-	573152
8	1	56.3	6	-	-	937611
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			15			
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	1	51.4	14	-	-	693038
2	3	84.7	14	1296	1973	87916
3	1	50.9	14	-	-	281834
4	2	82.5	14	1416	-	474969
5	1	51.5	14	-	-	669022
6	3	95.3	14	1052	1418	64253
7	1	52.3	14	-	-	258285
8	1	52.6	14	-	-	451649
9	1	52.2	14	-	-	645668
10	1	60.9	14	-	-	40606
11	2	75	14	1474	-	233718
12	1	57.9	14	-	-	428036
13	2	70.2	14	1328	-	620700
14	2	67	14	1139	-	16730
15	3	87.3	14	1555	1058	209750
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			9			
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	76.3	6	1572	-	673005
2	3	88.5	6	1330	1467	994821
3	2	81.5	6	1143	-	1318846
4	2	72	6	1370	-	310955
5	1	58.8	6	-	-	634292
6	3	95.1	6	1943	1985	954325
7	3	87	6	1897	1489	1277057
8	1	65.5	6	-	-	271334
9	3	85.2	6	1110	1895	593014
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			8			
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	51.2	5	-	-	1032476
2	3	86.2	5	1213	1365	1393059
3	1	51.6	5	-	-	260663
4	3	93.8	5	1319	1732	622707
5	3	87	5	1855	1057	985573
6	2	82.4	5	1198	-	1350224
7	1	58.3	5	-	-	215864
8	1	66	5	-	-	579194
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			16			
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	69.9	15	1083	-	470141
2	2	76	15	1336	-	651479
3	2	79.4	15	1493	-	85316
4	2	82.6	15	1125	-	266462
5	3	84.6	15	1203	1744	446741
6	1	60	15	-	-	630119
7	1	64.9	15	-	-	63089
8	1	64.3	15	-	-	244704
9	2	80.1	15	1498	-	425357
10	3	91.1	15	1715	1889	604732
11	2	78	15	1323	-	40647
12	2	67.7	15	1129	-	221847
13	2	67.4	15	1927	-	402811
14	1	61.7	15	-	-	585290
15	2	71.9	15	1240	-	18330
16	3	85.6	15	1905	1646	198827
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5496			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	99.9	13	1178	1881	405142
2	3	96	13	1180	1840	598522
3	1	62.8	13	-	-	793964
4	1	52.1	13	-	-	189339
5	3	97	13	1594	1184	381753
6	1	59.3	13	-	-	576872
7	1	61.3	13	-	-	770826
8	1	64.4	13	-	-	165583
9	2	69.2	13	1566	-	358585
10	1	65.8	13	-	-	552980
11	2	81.3	13	1237	-	745798
12	1	65.4	13	-	-	141700
13	3	93.6	13	1997	1089	334134
14	1	58.6	13	-	-	528748
15	1	65.6	13	-	-	722623
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			19			
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	69.9	19	1092	-	92854
2	1	52.6	19	-	-	245789
3	1	59	19	-	-	398650
4	3	88.1	19	1284	1622	548955
5	3	94.2	19	1860	1101	73835
6	3	87.6	19	1891	1936	225715
7	1	54.7	19	-	-	379863
8	3	91.8	19	1465	1981	529565
9	2	78.5	19	1303	-	55228
10	1	66.5	19	-	-	208261
11	1	57.7	19	-	-	360988
12	2	78.7	19	1986	-	512041
13	1	54	19	-	-	36490
14	1	58.9	19	-	-	189184
15	3	97.8	19	1945	1396	340575
16	2	67.8	19	1282	-	494095
17	3	89.5	19	1701	1506	17582
18	1	64.2	19	-	-	170445
19	1	66	19	-	-	323435
20						

Trial Number:			18			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	3	94	20	1201	1439	450492
2	3	91.1	20	1898	1518	593917
3	2	69.5	20	1836	-	143612
4	1	56.1	20	-	-	289120
5	2	69.1	20	1138	-	433333
6	1	60.6	20	-	-	579868
7	1	64.7	20	-	-	126192
8	1	65	20	-	-	271142
9	1	63.3	20	-	-	416616
10	2	68.8	20	1917	-	559666
11	2	78.7	20	1123	-	108105
12	3	99.6	20	1785	1298	252357
13	2	70.7	20	1302	-	397991
14	2	71.5	20	1510	-	542115
15	2	75.4	20	1276	-	90263
16	1	58.1	20	-	-	235499
17	1	65.1	20	-	-	380537
18	1	58.3	20	-	-	526318
19	2	73.7	20	1972	-	72309
20	2	77.8	20	1005	-	217338

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

Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5492			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	98	5	1770	1093	906670
2	3	95.1	5	1346	1901	1268883
3	1	54.2	5	-	-	136891
4	3	84.3	5	1869	1885	499108
5	3	85.6	5	1188	1687	861851
6	3	89.3	5	1639	1107	1224556
7	2	80.6	5	1775	-	92021
8	1	57.3	5	-	-	455583
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Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	55.4	9	-	-	595243
2	2	71.4	9	1689	-	858563
3	3	98.1	9	1312	1222	34331
4	3	91.8	9	1472	1753	297781
5	1	51.1	9	-	-	562771
6	2	77.5	9	1395	-	826053
7	1	64.6	9	-	-	1878
8	2	74.6	9	1759	-	265735
9	1	50.3	9	-	-	530464
10	3	96.5	9	1862	1747	792130
11	3	90	9	1513	1168	1056232
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5507			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	77.4	6	1797	-	320963
2	2	79.4	6	1961	-	683780
3	2	72.6	6	1578	-	1047102
4	3	91.4	6	1982	1182	1408799
5	2	72.9	6	1150	-	276323
6	3	99.8	6	1512	1617	638413
7	2	67	6	1003	-	1002807
8	3	87	6	1215	1815	1364244
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	57.2	13	-	-	132313
2	2	78.6	13	1859	-	338951
3	1	50.8	13	-	-	547439
4	2	82.6	13	1076	-	753879
5	1	59.4	13	-	-	106707
6	1	65.8	13	-	-	314105
7	3	86.4	13	1230	1045	520115
8	2	68.1	13	1950	-	727990
9	3	98.9	13	1774	1757	80806
10	3	86.9	13	1913	1053	287626
11	3	85.2	13	1413	1587	494547
12	2	70.5	13	1480	-	702479
13	2	79.9	13	1041	-	55527
14	2	80	13	1993	-	262504
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			20			
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	1	57.4	20	-	-	329057
2	1	59.5	20	-	-	474543
3	3	92	20	1351	1440	20941
4	2	70.7	20	1311	-	165822
5	3	87	20	1265	1012	310114
6	3	98.4	20	1117	1247	454738
7	3	93.3	20	1241	1470	3133
8	1	56.8	20	-	-	148328
9	1	50.8	20	-	-	293364
10	1	57.7	20	-	-	438920
11	2	68.6	20	1784	-	581585
12	2	68.4	20	1065	-	130255
13	3	96.3	20	1326	1760	274043
14	3	98.5	20	1867	1614	418259
15	2	75.4	20	1659	-	564489
16	1	53.6	20	-	-	112517
17	2	81.3	20	1978	-	256671
18	3	84.6	20	1580	1170	401229
19	2	68.6	20	1579	-	546341
20	1	52.2	20	-	-	94622

Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	2	73.4	13	1887	-	341992
2	2	78.7	13	1727	-	549424
3	1	54.5	13	-	-	758327
4	3	88.9	13	1636	1109	109428
5	3	88.7	13	1484	1349	316110
6	2	75.9	13	1758	-	523464
7	1	64.8	13	-	-	732667
8	1	59.4	13	-	-	84220
9	1	65.8	13	-	-	291582
10	3	87.7	13	1102	1234	497930
11	1	65.2	13	-	-	706635
12	2	76	13	1379	-	58528
13	1	60	13	-	-	266131
14	3	97.4	13	1549	1530	471743
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5506			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	9	1577	-	866434
2	1	63	9	-	-	42125
3	3	99.5	9	1748	1266	305619
4	1	52.1	9	-	-	570381
5	1	62.8	9	-	-	834926
6	2	68.6	9	1399	-	9570
7	3	93.8	9	1602	1871	272833
8	1	50.3	9	-	-	538170
9	2	77.7	9	1912	-	800762
10	3	93.2	9	1900	1202	1063443
11	1	63.9	9	-	-	241193
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5506			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	10	1248	1305	461997
2	2	69.6	10	1039	-	704706
3	3	88	10	1536	1914	944785
4	3	92.7	10	1147	1108	190829
5	3	95.2	10	1842	1482	431939
6	1	55.6	10	-	-	675725
7	1	50.6	10	-	-	917414
8	1	51.8	10	-	-	161532
9	2	77.6	10	1828	-	402733
10	1	56.6	10	-	-	645699
11	2	78.7	10	1153	-	887031
12	1	54.9	10	-	-	131635
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5508			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	1	53	5	-	-	560878
2	2	82.1	5	1345	-	923625
3	1	61	5	-	-	1288136
4	3	83.6	5	1134	1090	152540
5	3	83.8	5	1705	1559	515089
6	3	91.1	5	1227	1922	877620
7	1	63.1	5	-	-	1243345
8	3	92.5	5	1561	1528	107768
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5508			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	92.7	5	1295	1000	470883
2	1	58.3	5	-	-	834681
3	3	98.9	5	1776	1116	1196354
4	2	76.5	5	1731	-	63162
5	1	62.3	5	-	-	426626
6	1	54.2	5	-	-	790123
7	2	79.1	5	1671	-	1152527
8	2	71.7	5	1813	-	18462
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			13			
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	100	12	1450	1599	234012
2	1	58.5	12	-	-	458300
3	2	73	12	1685	-	680733
4	1	51	12	-	-	905525
5	1	61.3	12	-	-	207297
6	2	74.9	12	1996	-	429751
7	3	97.8	12	1389	1991	651898
8	1	56.3	12	-	-	877681
9	2	76.8	12	1725	-	179448
10	2	66.8	12	1781	-	402570
11	2	70.6	12	1767	-	625798
12	2	82.1	12	1984	-	848080
13	1	64.5	12	-	-	152273
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Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	74.1	16	1858	-	286621
2	2	82.5	16	1683	-	456906
3	3	90.8	16	1819	1287	625912
4	3	93.3	16	1920	1773	94871
5	1	58.1	16	-	-	266206
6	3	96.4	16	1441	1025	435188
7	2	70.1	16	1027	-	606841
8	1	51.8	16	-	-	74289
9	3	85.1	16	1431	1478	244280
10	1	59.9	16	-	-	415978
11	1	59.3	16	-	-	586846
12	1	64.5	16	-	-	53259
13	1	50.6	16	-	-	224029
14	2	71.3	16	1307	-	394309
15	2	82.6	16	1443	-	564899
16	2	70.7	16	1618	-	32127
17	1	61.5	16	-	-	203110
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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	8	1519.76	658	Yes
2	19	1138.95	878	Yes
3	16	1222.49	818	Yes
4	5	1672.24	598	Yes
5	22	1066.10	938	Yes
6	18	1165.50	858	Yes
7	2	1858.74	538	Yes
8	4	1730.10	578	Yes
9	20	1113.59	898	Yes
10	14	1285.35	778	Yes
11	23	326.16	3066	Yes
12	11	1392.76	718	Yes
13	17	1193.32	838	Yes
14	10	1432.66	698	Yes
15	15	1253.13	798	Yes
16		386.40	2588	Yes
17		616.14	1623	Yes
18		526.04	1901	Yes
19		677.97	1475	Yes
20		1706.48	586	Yes
21		337.27	2965	Yes
22		494.56	2022	Yes
23		511.77	1954	Yes
24		456.41	2191	Yes
25		517.60	1932	Yes
26		1161.44	861	Yes
27		1182.03	846	Yes
28		395.88	2526	Yes
29		393.24	2543	Yes
30		623.44	1604	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	26	3.20	210	Yes
2	26	3.10	221	Yes
3	26	2.80	229	Yes
4	24	1.50	206	Yes
5	29	4.80	155	Yes
6	29	5.00	205	Yes
7	23	1.00	228	Yes
8	29	4.90	215	Yes
9	24	2.00	213	Yes
10	29	4.50	225	Yes
11	23	1.20	222	Yes
12	26	3.30	169	Yes
13	23	1.40	200	Yes
14	23	1.10	227	Yes
15	27	3.70	183	Yes
16	26	3.30	191	Yes
17	29	4.70	198	Yes
18	29	4.90	184	Yes
19	23	1.10	171	Yes
20	25	2.20	230	Yes
21	23	1.20	157	Yes
22	26	3.00	167	Yes
23	29	5.00	174	Yes
24	26	3.10	179	Yes
25	24	2.10	161	Yes
26	25	2.40	150	Yes
27	23	1.10	176	Yes
28	23	1.00	190	Yes
29	26	2.80	160	Yes
30	28	3.90	202	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	17	8.20	303	Yes
2	17	8.10	237	Yes
3	17	7.80	361	Yes
4	16	6.50	461	Yes
5	18	9.80	216	Yes
6	18	10.00	358	Yes
7	16	6.00	420	Yes
8	18	9.90	311	Yes
9	16	7.00	405	Yes
10	18	9.50	419	Yes
11	16	6.20	331	Yes
12	17	8.30	272	Yes
13	16	6.40	443	Yes
14	16	6.10	401	Yes
15	18	8.70	242	Yes
16	17	8.30	270	Yes
17	18	9.70	274	Yes
18	18	9.90	462	Yes
19	16	6.10	424	Yes
20	16	7.20	487	Yes
21	16	6.20	356	Yes
22	17	8.00	302	Yes
23	18	10.00	245	No
24	17	8.10	301	Yes
25	16	7.10	312	Yes
26	17	7.40	320	Yes
27	16	6.10	395	Yes
28	16	6.00	365	Yes
29	17	7.80	444	Yes
30	18	8.90	438	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	14	15.90	303	Yes
2	14	15.70	237	Yes
3	14	15.00	361	Yes
4	12	12.30	461	Yes
5	16	19.60	216	Yes
6	16	19.90	358	Yes
7	12	11.10	420	Yes
8	16	19.80	311	Yes
9	13	13.30	405	Yes
10	16	18.80	419	Yes
11	12	11.60	331	No
12	14	16.10	272	Yes
13	12	11.90	443	Yes
14	12	11.30	401	Yes
15	15	17.10	242	Yes
16	14	16.10	270	Yes
17	16	19.30	274	Yes
18	16	19.70	462	Yes
19	12	11.40	424	Yes
20	13	13.60	487	Yes
21	12	11.60	356	Yes
22	14	15.60	302	No
23	16	20.00	245	Yes
24	14	15.80	301	No
25	13	13.40	312	Yes
26	13	14.10	320	No
27	12	11.30	395	Yes
28	12	11.00	365	Yes
29	14	15.10	444	Yes
30	15	17.50	438	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:			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	2	77.4	13	1965	-	630086
2	2	75.9	13	1347	-	26464
3	2	72.4	13	1454	-	219875
4	1	57.2	13	-	-	413577
5	3	97.5	13	1087	1249	605894
6	3	99.1	13	1670	1419	2627
7	1	51	13	-	-	196178
8	3	98.6	13	1584	1414	388556
9	1	63	13	-	-	583733
10	3	93.2	13	1807	1002	774401
11	1	53.6	13	-	-	172399
12	2	78.3	13	1029	-	365425
13	1	55.3	13	-	-	559731
14	1	51.7	13	-	-	753068
15	3	83.6	13	1629	1329	147965
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	78.1	13	1896	-	366135
2	3	95.9	13	1998	1532	571666
3	3	98	13	1381	1103	779606
4	1	52.3	13	-	-	133694
5	1	64.7	13	-	-	341272
6	1	53.3	13	-	-	548947
7	2	75.4	13	1155	-	755599
8	3	99.5	13	1605	1316	107677
9	2	76.8	13	1196	-	315083
10	1	63.7	13	-	-	522937
11	2	67.3	13	1565	-	728957
12	1	51.7	13	-	-	82537
13	1	50.4	13	-	-	290008
14	2	72.6	13	1341	-	497014
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			3			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	3	86	12	1261	1225	757465
2	3	99.1	12	1176	1557	61215
3	1	63	12	-	-	284930
4	2	71.4	12	1608	-	507272
5	1	60.8	12	-	-	731514
6	2	68.2	12	1140	-	33787
7	1	57.9	12	-	-	257249
8	3	98.1	12	1734	1120	479109
9	1	59.2	12	-	-	704694
10	2	74.9	12	1007	-	6295
11	3	97.8	12	1786	1352	229132
12	3	92.2	12	1044	1939	451629
13	1	60	12	-	-	676803
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Trial Number:			4			Detection
Number of Bursts in Trial:			9			(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	1	59.3	7	-	-	1301597
2	2	75.8	7	1380	-	291984
3	3	91.2	7	1868	1191	614074
4	1	66.3	7	-	-	938005
5	3	89.7	7	1880	1499	1258289
6	1	52.1	7	-	-	252575
7	1	54.4	7	-	-	575530
8	1	58.5	7	-	-	898419
9	3	90.1	7	1865	1250	1218731
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Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			20			
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	52.7	20	-	-	95640
2	1	54	20	-	-	240962
3	1	55.7	20	-	-	385953
4	1	55.2	20	-	-	531124
5	1	52	20	-	-	77705
6	2	76.5	20	1376	-	222516
7	3	95.7	20	1870	1911	365719
8	3	93.5	20	1257	1239	511262
9	2	80.2	20	1535	-	59720
10	3	97.4	20	1857	1481	203856
11	1	50.5	20	-	-	349988
12	2	75.9	20	1951	-	494066
13	2	77	20	1879	-	41814
14	3	94.2	20	1623	1980	185888
15	3	90.6	20	1540	1610	330685
16	1	56.9	20	-	-	477696
17	3	94.5	20	1637	1959	23952
18	3	83.5	20	1537	1964	168147
19	2	75.6	20	1269	-	313889
20	2	80	20	1332	-	458389

Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			20			
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	20	1952	1384	6174
2	2	73	20	1874	-	150901
3	1	54.6	20	-	-	296523
4	2	72.5	20	1187	-	440761
5	3	93.4	20	1008	1022	584373
6	1	66	20	-	-	133421
7	2	73.6	20	1360	-	278110
8	3	85.6	20	1463	1595	421869
9	3	97.5	20	1892	1838	565200
10	2	77.6	20	1696	-	115204
11	3	99.6	20	1877	1300	259243
12	3	96.1	20	1728	1826	403431
13	1	64.1	20	-	-	550800
14	3	96	20	1252	1718	97248
15	3	96.3	20	1235	1128	241957
16	1	59	20	-	-	387924
17	1	65.6	20	-	-	533097
18	1	55.6	20	-	-	79795
19	1	66.2	20	-	-	225127
20	2	81.5	20	1847	-	369118

DFS Radar Parameters
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Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			8			
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	52.4	5	-	-	1290063
2	1	65.7	5	-	-	155147
3	3	94.8	5	1754	1612	517462
4	1	50.3	5	-	-	882197
5	3	91.7	5	1695	1909	1242060
6	3	84.1	5	1690	1657	110168
7	2	82.4	5	1502	-	473438
8	2	81.7	5	1616	-	836583
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			20			
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	50.5	20	-	-	479420
2	1	59.3	20	-	-	26211
3	3	95.2	20	1583	1967	170424
4	2	68.7	20	1700	-	315692
5	2	78.8	20	1949	-	460082
6	2	78.5	20	1485	-	8311
7	1	53.4	20	-	-	153547
8	2	79.8	20	1476	-	297760
9	3	99.5	20	1607	1072	442155
10	2	83.2	20	1647	-	587616
11	1	61.9	20	-	-	135530
12	3	86	20	1662	1186	279296
13	1	52.8	20	-	-	426249
14	1	60	20	-	-	571535
15	3	96.1	20	1620	1243	117211
16	1	52.6	20	-	-	262770
17	3	97.9	20	1713	1162	406343
18	1	54.5	20	-	-	553026
19	1	61.8	20	-	-	99809
20	2	81	20	1729	-	244291

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Trial Number:			9			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	98	9	1817	1181	708265
2	2	81.6	9	1726	-	972423
3	3	91.3	9	1459	1661	148759
4	3	88.8	9	1558	1175	412252
5	2	67.3	9	1290	-	676715
6	3	94.2	9	1014	1037	939957
7	2	77.6	9	1768	-	116444
8	2	70.9	9	1179	-	380568
9	2	78.3	9	1621	-	643863
10	1	54.2	9	-	-	909540
11	2	80.9	9	1293	-	83987
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			19			
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	18	-	-	201416
2	3	83.7	18	1832	1271	352738
3	3	92	18	1375	1954	504312
4	3	85	18	1971	1956	29656
5	3	88.1	18	1989	1004	181792
6	2	82.4	18	1626	-	334491
7	2	80.8	18	1149	-	487185
8	2	67.2	18	1931	-	10960
9	3	85.6	18	1872	1811	162777
10	3	92.6	18	1925	1505	314906
11	1	66.4	18	-	-	469571
12	1	59.5	18	-	-	621949
13	2	82.4	18	1357	-	144662
14	3	93.8	18	2000	1796	296231
15	2	80.3	18	1321	-	449838
16	2	78.6	18	1814	-	601280
17	3	92.4	18	1192	1663	125690
18	2	69.7	18	1837	-	278030
19	3	92.1	18	1021	1070	430355
20						

DFS Radar Parameters
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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			8			
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	1	52.5	6	-	-	1390040
2	3	87.1	6	1088	1735	254800
3	2	72.2	6	1436	-	618151
4	1	51.3	6	-	-	982180
5	3	83.7	6	1522	1338	1342604
6	2	69	6	1388	-	210374
7	2	68.1	6	1804	-	573152
8	1	56.3	6	-	-	937611
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5497			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	51.4	14	-	-	693038
2	3	84.7	14	1296	1973	87916
3	1	50.9	14	-	-	281834
4	2	82.5	14	1416	-	474969
5	1	51.5	14	-	-	669022
6	3	95.3	14	1052	1418	64253
7	1	52.3	14	-	-	258285
8	1	52.6	14	-	-	451649
9	1	52.2	14	-	-	645668
10	1	60.9	14	-	-	40606
11	2	75	14	1474	-	233718
12	1	57.9	14	-	-	428036
13	2	70.2	14	1328	-	620700
14	2	67	14	1139	-	16730
15	3	87.3	14	1555	1058	209750
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Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5493			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	2	76.3	6	1572	-	673005
2	3	88.5	6	1330	1467	994821
3	2	81.5	6	1143	-	1318846
4	2	72	6	1370	-	310955
5	1	58.8	6	-	-	634292
6	3	95.1	6	1943	1985	954325
7	3	87	6	1897	1489	1277057
8	1	65.5	6	-	-	271334
9	3	85.2	6	1110	1895	593014
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			8			
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	1	51.2	5	-	-	1032476
2	3	86.2	5	1213	1365	1393059
3	1	51.6	5	-	-	260663
4	3	93.8	5	1319	1732	622707
5	3	87	5	1855	1057	985573
6	2	82.4	5	1198	-	1350224
7	1	58.3	5	-	-	215864
8	1	66	5	-	-	579194
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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5497			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	69.9	15	1083	-	470141
2	2	76	15	1336	-	651479
3	2	79.4	15	1493	-	85316
4	2	82.6	15	1125	-	266462
5	3	84.6	15	1203	1744	446741
6	1	60	15	-	-	630119
7	1	64.9	15	-	-	63089
8	1	64.3	15	-	-	244704
9	2	80.1	15	1498	-	425357
10	3	91.1	15	1715	1889	604732
11	2	78	15	1323	-	40647
12	2	67.7	15	1129	-	221847
13	2	67.4	15	1927	-	402811
14	1	61.7	15	-	-	585290
15	2	71.9	15	1240	-	18330
16	3	85.6	15	1905	1646	198827
17						
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			15			
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	3	99.9	13	1178	1881	405142
2	3	96	13	1180	1840	598522
3	1	62.8	13	-	-	793964
4	1	52.1	13	-	-	189339
5	3	97	13	1594	1184	381753
6	1	59.3	13	-	-	576872
7	1	61.3	13	-	-	770826
8	1	64.4	13	-	-	165583
9	2	69.2	13	1566	-	358585
10	1	65.8	13	-	-	552980
11	2	81.3	13	1237	-	745798
12	1	65.4	13	-	-	141700
13	3	93.6	13	1997	1089	334134
14	1	58.6	13	-	-	528748
15	1	65.6	13	-	-	722623
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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5499			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	69.9	19	1092	-	92854
2	1	52.6	19	-	-	245789
3	1	59	19	-	-	398650
4	3	88.1	19	1284	1622	548955
5	3	94.2	19	1860	1101	73835
6	3	87.6	19	1891	1936	225715
7	1	54.7	19	-	-	379863
8	3	91.8	19	1465	1981	529565
9	2	78.5	19	1303	-	55228
10	1	66.5	19	-	-	208261
11	1	57.7	19	-	-	360988
12	2	78.7	19	1986	-	512041
13	1	54	19	-	-	36490
14	1	58.9	19	-	-	189184
15	3	97.8	19	1945	1396	340575
16	2	67.8	19	1282	-	494095
17	3	89.5	19	1701	1506	17582
18	1	64.2	19	-	-	170445
19	1	66	19	-	-	323435
20						

Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5499			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	20	1201	1439	450492
2	3	91.1	20	1898	1518	593917
3	2	69.5	20	1836	-	143612
4	1	56.1	20	-	-	289120
5	2	69.1	20	1138	-	433333
6	1	60.6	20	-	-	579868
7	1	64.7	20	-	-	126192
8	1	65	20	-	-	271142
9	1	63.3	20	-	-	416616
10	2	68.8	20	1917	-	559666
11	2	78.7	20	1123	-	108105
12	3	99.6	20	1785	1298	252357
13	2	70.7	20	1302	-	397991
14	2	71.5	20	1510	-	542115
15	2	75.4	20	1276	-	90263
16	1	58.1	20	-	-	235499
17	1	65.1	20	-	-	380537
18	1	58.3	20	-	-	526318
19	2	73.7	20	1972	-	72309
20	2	77.8	20	1005	-	217338

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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			8			
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	98	5	1770	1093	906670
2	3	95.1	5	1346	1901	1268883
3	1	54.2	5	-	-	136891
4	3	84.3	5	1869	1885	499108
5	3	85.6	5	1188	1687	861851
6	3	89.3	5	1639	1107	1224556
7	2	80.6	5	1775	-	92021
8	1	57.3	5	-	-	455583
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Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	55.4	9	-	-	595243
2	2	71.4	9	1689	-	858563
3	3	98.1	9	1312	1222	34331
4	3	91.8	9	1472	1753	297781
5	1	51.1	9	-	-	562771
6	2	77.5	9	1395	-	826053
7	1	64.6	9	-	-	1878
8	2	74.6	9	1759	-	265735
9	1	50.3	9	-	-	530464
10	3	96.5	9	1862	1747	792130
11	3	90	9	1513	1168	1056232
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DFS Radar Parameters
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Channel 102 Bandwidth 40MHz

Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			8			
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	2	77.4	6	1797	-	320963
2	2	79.4	6	1961	-	683780
3	2	72.6	6	1578	-	1047102
4	3	91.4	6	1982	1182	1408799
5	2	72.9	6	1150	-	276323
6	3	99.8	6	1512	1617	638413
7	2	67	6	1003	-	1002807
8	3	87	6	1215	1815	1364244
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	57.2	13	-	-	132313
2	2	78.6	13	1859	-	338951
3	1	50.8	13	-	-	547439
4	2	82.6	13	1076	-	753879
5	1	59.4	13	-	-	106707
6	1	65.8	13	-	-	314105
7	3	86.4	13	1230	1045	520115
8	2	68.1	13	1950	-	727990
9	3	98.9	13	1774	1757	80806
10	3	86.9	13	1913	1053	287626
11	3	85.2	13	1413	1587	494547
12	2	70.5	13	1480	-	702479
13	2	79.9	13	1041	-	55527
14	2	80	13	1993	-	262504
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Channel 102 Bandwidth 40MHz

Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5521			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	57.4	20	-	-	329057
2	1	59.5	20	-	-	474543
3	3	92	20	1351	1440	20941
4	2	70.7	20	1311	-	165822
5	3	87	20	1265	1012	310114
6	3	98.4	20	1117	1247	454738
7	3	93.3	20	1241	1470	3133
8	1	56.8	20	-	-	148328
9	1	50.8	20	-	-	293364
10	1	57.7	20	-	-	438920
11	2	68.6	20	1784	-	581585
12	2	68.4	20	1065	-	130255
13	3	96.3	20	1326	1760	274043
14	3	98.5	20	1867	1614	418259
15	2	75.4	20	1659	-	564489
16	1	53.6	20	-	-	112517
17	2	81.3	20	1978	-	256671
18	3	84.6	20	1580	1170	401229
19	2	68.6	20	1579	-	546341
20	1	52.2	20	-	-	94622

Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	2	73.4	13	1887	-	341992
2	2	78.7	13	1727	-	549424
3	1	54.5	13	-	-	758327
4	3	88.9	13	1636	1109	109428
5	3	88.7	13	1484	1349	316110
6	2	75.9	13	1758	-	523464
7	1	64.8	13	-	-	732667
8	1	59.4	13	-	-	84220
9	1	65.8	13	-	-	291582
10	3	87.7	13	1102	1234	497930
11	1	65.2	13	-	-	706635
12	2	76	13	1379	-	58528
13	1	60	13	-	-	266131
14	3	97.4	13	1549	1530	471743
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FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	72	9	1577	-	866434
2	1	63	9	-	-	42125
3	3	99.5	9	1748	1266	305619
4	1	52.1	9	-	-	570381
5	1	62.8	9	-	-	834926
6	2	68.6	9	1399	-	9570
7	3	93.8	9	1602	1871	272833
8	1	50.3	9	-	-	538170
9	2	77.7	9	1912	-	800762
10	3	93.2	9	1900	1202	1063443
11	1	63.9	9	-	-	241193
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	91	10	1248	1305	461997
2	2	69.6	10	1039	-	704706
3	3	88	10	1536	1914	944785
4	3	92.7	10	1147	1108	190829
5	3	95.2	10	1842	1482	431939
6	1	55.6	10	-	-	675725
7	1	50.6	10	-	-	917414
8	1	51.8	10	-	-	161532
9	2	77.6	10	1828	-	402733
10	1	56.6	10	-	-	645699
11	2	78.7	10	1153	-	887031
12	1	54.9	10	-	-	131635
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			8			
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	1	53	5	-	-	560878
2	2	82.1	5	1345	-	923625
3	1	61	5	-	-	1288136
4	3	83.6	5	1134	1090	152540
5	3	83.8	5	1705	1559	515089
6	3	91.1	5	1227	1922	877620
7	1	63.1	5	-	-	1243345
8	3	92.5	5	1561	1528	107768
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5527			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	92.7	5	1295	1000	470883
2	1	58.3	5	-	-	834681
3	3	98.9	5	1776	1116	1196354
4	2	76.5	5	1731	-	63162
5	1	62.3	5	-	-	426626
6	1	54.2	5	-	-	790123
7	2	79.1	5	1671	-	1152527
8	2	71.7	5	1813	-	18462
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			13			
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	100	12	1450	1599	234012
2	1	58.5	12	-	-	458300
3	2	73	12	1685	-	680733
4	1	51	12	-	-	905525
5	1	61.3	12	-	-	207297
6	2	74.9	12	1996	-	429751
7	3	97.8	12	1389	1991	651898
8	1	56.3	12	-	-	877681
9	2	76.8	12	1725	-	179448
10	2	66.8	12	1781	-	402570
11	2	70.6	12	1767	-	625798
12	2	82.1	12	1984	-	848080
13	1	64.5	12	-	-	152273
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Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	74.1	16	1858	-	286621
2	2	82.5	16	1683	-	456906
3	3	90.8	16	1819	1287	625912
4	3	93.3	16	1920	1773	94871
5	1	58.1	16	-	-	266206
6	3	96.4	16	1441	1025	435188
7	2	70.1	16	1027	-	606841
8	1	51.8	16	-	-	74289
9	3	85.1	16	1431	1478	244280
10	1	59.9	16	-	-	415978
11	1	59.3	16	-	-	586846
12	1	64.5	16	-	-	53259
13	1	50.6	16	-	-	224029
14	2	71.3	16	1307	-	394309
15	2	82.6	16	1443	-	564899
16	2	70.7	16	1618	-	32127
17	1	61.5	16	-	-	203110
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DFS Radar Parameters
FCC Radar Type 1
Channel 58 Bandwidth 80MHz

Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	8	1519.76	658	Yes
2	19	1138.95	878	Yes
3	16	1222.49	818	Yes
4	5	1672.24	598	Yes
5	22	1066.10	938	Yes
6	18	1165.50	858	Yes
7	2	1858.74	538	Yes
8	4	1730.10	578	Yes
9	20	1113.59	898	Yes
10	14	1285.35	778	Yes
11	23	326.16	3066	Yes
12	11	1392.76	718	Yes
13	17	1193.32	838	Yes
14	10	1432.66	698	Yes
15	15	1253.13	798	Yes
16		386.40	2588	Yes
17		616.14	1623	Yes
18		526.04	1901	Yes
19		677.97	1475	Yes
20		1706.48	586	Yes
21		337.27	2965	Yes
22		494.56	2022	Yes
23		511.77	1954	Yes
24		456.41	2191	Yes
25		517.60	1932	Yes
26		1161.44	861	Yes
27		1182.03	846	Yes
28		395.88	2526	Yes
29		393.24	2543	Yes
30		623.44	1604	Yes

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DFS Radar Parameters
FCC Radar Type 2
Channel 58 Bandwidth 80MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	26	3.20	210	Yes
2	26	3.10	221	Yes
3	26	2.80	229	Yes
4	24	1.50	206	Yes
5	29	4.80	155	Yes
6	29	5.00	205	Yes
7	23	1.00	228	Yes
8	29	4.90	215	Yes
9	24	2.00	213	Yes
10	29	4.50	225	Yes
11	23	1.20	222	Yes
12	26	3.30	169	Yes
13	23	1.40	200	Yes
14	23	1.10	227	Yes
15	27	3.70	183	Yes
16	26	3.30	191	Yes
17	29	4.70	198	Yes
18	29	4.90	184	Yes
19	23	1.10	171	Yes
20	25	2.20	230	Yes
21	23	1.20	157	Yes
22	26	3.00	167	Yes
23	29	5.00	174	Yes
24	26	3.10	179	Yes
25	24	2.10	161	No
26	25	2.40	150	Yes
27	23	1.10	176	Yes
28	23	1.00	190	Yes
29	26	2.80	160	Yes
30	28	3.90	202	Yes

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DFS Radar Parameters
FCC Radar Type 3
Channel 58 Bandwidth 80MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	8.20	303	Yes
2	17	8.10	237	Yes
3	17	7.80	361	Yes
4	16	6.50	461	Yes
5	18	9.80	216	Yes
6	18	10.00	358	Yes
7	16	6.00	420	Yes
8	18	9.90	311	Yes
9	16	7.00	405	Yes
10	18	9.50	419	Yes
11	16	6.20	331	Yes
12	17	8.30	272	Yes
13	16	6.40	443	Yes
14	16	6.10	401	Yes
15	18	8.70	242	Yes
16	17	8.30	270	Yes
17	18	9.70	274	Yes
18	18	9.90	462	Yes
19	16	6.10	424	Yes
20	16	7.20	487	Yes
21	16	6.20	356	Yes
22	17	8.00	302	Yes
23	18	10.00	245	Yes
24	17	8.10	301	Yes
25	16	7.10	312	Yes
26	17	7.40	320	Yes
27	16	6.10	395	Yes
28	16	6.00	365	Yes
29	17	7.80	444	Yes
30	18	8.90	438	Yes

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DFS Radar Parameters
FCC Radar Type 4
Channel 58 Bandwidth 80MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	14	15.90	303	No
2	14	15.70	237	Yes
3	14	15.00	361	Yes
4	12	12.30	461	Yes
5	16	19.60	216	Yes
6	16	19.90	358	No
7	12	11.10	420	Yes
8	16	19.80	311	Yes
9	13	13.30	405	Yes
10	16	18.80	419	Yes
11	12	11.60	331	No
12	14	16.10	272	Yes
13	12	11.90	443	Yes
14	12	11.30	401	Yes
15	15	17.10	242	Yes
16	14	16.10	270	Yes
17	16	19.30	274	Yes
18	16	19.70	462	No
19	12	11.40	424	Yes
20	13	13.60	487	Yes
21	12	11.60	356	Yes
22	14	15.60	302	No
23	16	20.00	245	Yes
24	14	15.80	301	Yes
25	13	13.40	312	Yes
26	13	14.10	320	Yes
27	12	11.30	395	Yes
28	12	11.00	365	Yes
29	14	15.10	444	Yes
30	15	17.50	438	Yes

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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5290			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	77.4	13	1965	-	630086
2	2	75.9	13	1347	-	26464
3	2	72.4	13	1454	-	219875
4	1	57.2	13	-	-	413577
5	3	97.5	13	1087	1249	605894
6	3	99.1	13	1670	1419	2627
7	1	51	13	-	-	196178
8	3	98.6	13	1584	1414	388556
9	1	63	13	-	-	583733
10	3	93.2	13	1807	1002	774401
11	1	53.6	13	-	-	172399
12	2	78.3	13	1029	-	365425
13	1	55.3	13	-	-	559731
14	1	51.7	13	-	-	753068
15	3	83.6	13	1629	1329	147965
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19						
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5290			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	78.1	13	1896	-	366135
2	3	95.9	13	1998	1532	571666
3	3	98	13	1381	1103	779606
4	1	52.3	13	-	-	133694
5	1	64.7	13	-	-	341272
6	1	53.3	13	-	-	548947
7	2	75.4	13	1155	-	755599
8	3	99.5	13	1605	1316	107677
9	2	76.8	13	1196	-	315083
10	1	63.7	13	-	-	522937
11	2	67.3	13	1565	-	728957
12	1	51.7	13	-	-	82537
13	1	50.4	13	-	-	290008
14	2	72.6	13	1341	-	497014
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			3			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5290			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	12	1261	1225	757465
2	3	99.1	12	1176	1557	61215
3	1	63	12	-	-	284930
4	2	71.4	12	1608	-	507272
5	1	60.8	12	-	-	731514
6	2	68.2	12	1140	-	33787
7	1	57.9	12	-	-	257249
8	3	98.1	12	1734	1120	479109
9	1	59.2	12	-	-	704694
10	2	74.9	12	1007	-	6295
11	3	97.8	12	1786	1352	229132
12	3	92.2	12	1044	1939	451629
13	1	60	12	-	-	676803
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Trial Number:			4			Detection
Number of Bursts in Trial:			9			(Yes/No)
Chirp Center Frequency:			5290			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	59.3	7	-	-	1301597
2	2	75.8	7	1380	-	291984
3	3	91.2	7	1868	1191	614074
4	1	66.3	7	-	-	938005
5	3	89.7	7	1880	1499	1258289
6	1	52.1	7	-	-	252575
7	1	54.4	7	-	-	575530
8	1	58.5	7	-	-	898419
9	3	90.1	7	1865	1250	1218731
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5290			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	52.7	20	-	-	95640
2	1	54	20	-	-	240962
3	1	55.7	20	-	-	385953
4	1	55.2	20	-	-	531124
5	1	52	20	-	-	77705
6	2	76.5	20	1376	-	222516
7	3	95.7	20	1870	1911	365719
8	3	93.5	20	1257	1239	511262
9	2	80.2	20	1535	-	59720
10	3	97.4	20	1857	1481	203856
11	1	50.5	20	-	-	349988
12	2	75.9	20	1951	-	494066
13	2	77	20	1879	-	41814
14	3	94.2	20	1623	1980	185888
15	3	90.6	20	1540	1610	330685
16	1	56.9	20	-	-	477696
17	3	94.5	20	1637	1959	23952
18	3	83.5	20	1537	1964	168147
19	2	75.6	20	1269	-	313889
20	2	80	20	1332	-	458389

Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5290			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	20	1952	1384	6174
2	2	73	20	1874	-	150901
3	1	54.6	20	-	-	296523
4	2	72.5	20	1187	-	440761
5	3	93.4	20	1008	1022	584373
6	1	66	20	-	-	133421
7	2	73.6	20	1360	-	278110
8	3	85.6	20	1463	1595	421869
9	3	97.5	20	1892	1838	565200
10	2	77.6	20	1696	-	115204
11	3	99.6	20	1877	1300	259243
12	3	96.1	20	1728	1826	403431
13	1	64.1	20	-	-	550800
14	3	96	20	1252	1718	97248
15	3	96.3	20	1235	1128	241957
16	1	59	20	-	-	387924
17	1	65.6	20	-	-	533097
18	1	55.6	20	-	-	79795
19	1	66.2	20	-	-	225127
20	2	81.5	20	1847	-	369118

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Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5290			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	52.4	5	-	-	1290063
2	1	65.7	5	-	-	155147
3	3	94.8	5	1754	1612	517462
4	1	50.3	5	-	-	882197
5	3	91.7	5	1695	1909	1242060
6	3	84.1	5	1690	1657	110168
7	2	82.4	5	1502	-	473438
8	2	81.7	5	1616	-	836583
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5290			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	50.5	20	-	-	479420
2	1	59.3	20	-	-	26211
3	3	95.2	20	1583	1967	170424
4	2	68.7	20	1700	-	315692
5	2	78.8	20	1949	-	460082
6	2	78.5	20	1485	-	8311
7	1	53.4	20	-	-	153547
8	2	79.8	20	1476	-	297760
9	3	99.5	20	1607	1072	442155
10	2	83.2	20	1647	-	587616
11	1	61.9	20	-	-	135530
12	3	86	20	1662	1186	279296
13	1	52.8	20	-	-	426249
14	1	60	20	-	-	571535
15	3	96.1	20	1620	1243	117211
16	1	52.6	20	-	-	262770
17	3	97.9	20	1713	1162	406343
18	1	54.5	20	-	-	553026
19	1	61.8	20	-	-	99809
20	2	81	20	1729	-	244291

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Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5290			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	98	9	1817	1181	708265
2	2	81.6	9	1726	-	972423
3	3	91.3	9	1459	1661	148759
4	3	88.8	9	1558	1175	412252
5	2	67.3	9	1290	-	676715
6	3	94.2	9	1014	1037	939957
7	2	77.6	9	1768	-	116444
8	2	70.9	9	1179	-	380568
9	2	78.3	9	1621	-	643863
10	1	54.2	9	-	-	909540
11	2	80.9	9	1293	-	83987
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5290			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	18	-	-	201416
2	3	83.7	18	1832	1271	352738
3	3	92	18	1375	1954	504312
4	3	85	18	1971	1956	29656
5	3	88.1	18	1989	1004	181792
6	2	82.4	18	1626	-	334491
7	2	80.8	18	1149	-	487185
8	2	67.2	18	1931	-	10960
9	3	85.6	18	1872	1811	162777
10	3	92.6	18	1925	1505	314906
11	1	66.4	18	-	-	469571
12	1	59.5	18	-	-	621949
13	2	82.4	18	1357	-	144662
14	3	93.8	18	2000	1796	296231
15	2	80.3	18	1321	-	449838
16	2	78.6	18	1814	-	601280
17	3	92.4	18	1192	1663	125690
18	2	69.7	18	1837	-	278030
19	3	92.1	18	1021	1070	430355
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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5253			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	1	52.5	6	-	-	1390040
2	3	87.1	6	1088	1735	254800
3	2	72.2	6	1436	-	618151
4	1	51.3	6	-	-	982180
5	3	83.7	6	1522	1338	1342604
6	2	69	6	1388	-	210374
7	2	68.1	6	1804	-	573152
8	1	56.3	6	-	-	937611
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5256			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	51.4	14	-	-	693038
2	3	84.7	14	1296	1973	87916
3	1	50.9	14	-	-	281834
4	2	82.5	14	1416	-	474969
5	1	51.5	14	-	-	669022
6	3	95.3	14	1052	1418	64253
7	1	52.3	14	-	-	258285
8	1	52.6	14	-	-	451649
9	1	52.2	14	-	-	645668
10	1	60.9	14	-	-	40606
11	2	75	14	1474	-	233718
12	1	57.9	14	-	-	428036
13	2	70.2	14	1328	-	620700
14	2	67	14	1139	-	16730
15	3	87.3	14	1555	1058	209750
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Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5253			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	76.3	6	1572	-	673005
2	3	88.5	6	1330	1467	994821
3	2	81.5	6	1143	-	1318846
4	2	72	6	1370	-	310955
5	1	58.8	6	-	-	634292
6	3	95.1	6	1943	1985	954325
7	3	87	6	1897	1489	1277057
8	1	65.5	6	-	-	271334
9	3	85.2	6	1110	1895	593014
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5252			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	51.2	5	-	-	1032476
2	3	86.2	5	1213	1365	1393059
3	1	51.6	5	-	-	260663
4	3	93.8	5	1319	1732	622707
5	3	87	5	1855	1057	985573
6	2	82.4	5	1198	-	1350224
7	1	58.3	5	-	-	215864
8	1	66	5	-	-	579194
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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5256			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	69.9	15	1083	-	470141
2	2	76	15	1336	-	651479
3	2	79.4	15	1493	-	85316
4	2	82.6	15	1125	-	266462
5	3	84.6	15	1203	1744	446741
6	1	60	15	-	-	630119
7	1	64.9	15	-	-	63089
8	1	64.3	15	-	-	244704
9	2	80.1	15	1498	-	425357
10	3	91.1	15	1715	1889	604732
11	2	78	15	1323	-	40647
12	2	67.7	15	1129	-	221847
13	2	67.4	15	1927	-	402811
14	1	61.7	15	-	-	585290
15	2	71.9	15	1240	-	18330
16	3	85.6	15	1905	1646	198827
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5256			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	99.9	13	1178	1881	405142
2	3	96	13	1180	1840	598522
3	1	62.8	13	-	-	793964
4	1	52.1	13	-	-	189339
5	3	97	13	1594	1184	381753
6	1	59.3	13	-	-	576872
7	1	61.3	13	-	-	770826
8	1	64.4	13	-	-	165583
9	2	69.2	13	1566	-	358585
10	1	65.8	13	-	-	552980
11	2	81.3	13	1237	-	745798
12	1	65.4	13	-	-	141700
13	3	93.6	13	1997	1089	334134
14	1	58.6	13	-	-	528748
15	1	65.6	13	-	-	722623
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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5258			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	69.9	19	1092	-	92854
2	1	52.6	19	-	-	245789
3	1	59	19	-	-	398650
4	3	88.1	19	1284	1622	548955
5	3	94.2	19	1860	1101	73835
6	3	87.6	19	1891	1936	225715
7	1	54.7	19	-	-	379863
8	3	91.8	19	1465	1981	529565
9	2	78.5	19	1303	-	55228
10	1	66.5	19	-	-	208261
11	1	57.7	19	-	-	360988
12	2	78.7	19	1986	-	512041
13	1	54	19	-	-	36490
14	1	58.9	19	-	-	189184
15	3	97.8	19	1945	1396	340575
16	2	67.8	19	1282	-	494095
17	3	89.5	19	1701	1506	17582
18	1	64.2	19	-	-	170445
19	1	66	19	-	-	323435
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5258			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	20	1201	1439	450492
2	3	91.1	20	1898	1518	593917
3	2	69.5	20	1836	-	143612
4	1	56.1	20	-	-	289120
5	2	69.1	20	1138	-	433333
6	1	60.6	20	-	-	579868
7	1	64.7	20	-	-	126192
8	1	65	20	-	-	271142
9	1	63.3	20	-	-	416616
10	2	68.8	20	1917	-	559666
11	2	78.7	20	1123	-	108105
12	3	99.6	20	1785	1298	252357
13	2	70.7	20	1302	-	397991
14	2	71.5	20	1510	-	542115
15	2	75.4	20	1276	-	90263
16	1	58.1	20	-	-	235499
17	1	65.1	20	-	-	380537
18	1	58.3	20	-	-	526318
19	2	73.7	20	1972	-	72309
20	2	77.8	20	1005	-	217338

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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5252			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	98	5	1770	1093	906670
2	3	95.1	5	1346	1901	1268883
3	1	54.2	5	-	-	136891
4	3	84.3	5	1869	1885	499108
5	3	85.6	5	1188	1687	861851
6	3	89.3	5	1639	1107	1224556
7	2	80.6	5	1775	-	92021
8	1	57.3	5	-	-	455583
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Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5254			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	55.4	9	-	-	595243
2	2	71.4	9	1689	-	858563
3	3	98.1	9	1312	1222	34331
4	3	91.8	9	1472	1753	297781
5	1	51.1	9	-	-	562771
6	2	77.5	9	1395	-	826053
7	1	64.6	9	-	-	1878
8	2	74.6	9	1759	-	265735
9	1	50.3	9	-	-	530464
10	3	96.5	9	1862	1747	792130
11	3	90	9	1513	1168	1056232
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Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5327			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	77.4	6	1797	-	320963
2	2	79.4	6	1961	-	683780
3	2	72.6	6	1578	-	1047102
4	3	91.4	6	1982	1182	1408799
5	2	72.9	6	1150	-	276323
6	3	99.8	6	1512	1617	638413
7	2	67	6	1003	-	1002807
8	3	87	6	1215	1815	1364244
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5324			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	57.2	13	-	-	132313
2	2	78.6	13	1859	-	338951
3	1	50.8	13	-	-	547439
4	2	82.6	13	1076	-	753879
5	1	59.4	13	-	-	106707
6	1	65.8	13	-	-	314105
7	3	86.4	13	1230	1045	520115
8	2	68.1	13	1950	-	727990
9	3	98.9	13	1774	1757	80806
10	3	86.9	13	1913	1053	287626
11	3	85.2	13	1413	1587	494547
12	2	70.5	13	1480	-	702479
13	2	79.9	13	1041	-	55527
14	2	80	13	1993	-	262504
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Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5322			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	57.4	20	-	-	329057
2	1	59.5	20	-	-	474543
3	3	92	20	1351	1440	20941
4	2	70.7	20	1311	-	165822
5	3	87	20	1265	1012	310114
6	3	98.4	20	1117	1247	454738
7	3	93.3	20	1241	1470	3133
8	1	56.8	20	-	-	148328
9	1	50.8	20	-	-	293364
10	1	57.7	20	-	-	438920
11	2	68.6	20	1784	-	581585
12	2	68.4	20	1065	-	130255
13	3	96.3	20	1326	1760	274043
14	3	98.5	20	1867	1614	418259
15	2	75.4	20	1659	-	564489
16	1	53.6	20	-	-	112517
17	2	81.3	20	1978	-	256671
18	3	84.6	20	1580	1170	401229
19	2	68.6	20	1579	-	546341
20	1	52.2	20	-	-	94622

Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5324			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	73.4	13	1887	-	341992
2	2	78.7	13	1727	-	549424
3	1	54.5	13	-	-	758327
4	3	88.9	13	1636	1109	109428
5	3	88.7	13	1484	1349	316110
6	2	75.9	13	1758	-	523464
7	1	64.8	13	-	-	732667
8	1	59.4	13	-	-	84220
9	1	65.8	13	-	-	291582
10	3	87.7	13	1102	1234	497930
11	1	65.2	13	-	-	706635
12	2	76	13	1379	-	58528
13	1	60	13	-	-	266131
14	3	97.4	13	1549	1530	471743
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Channel 58 Bandwidth 80MHz

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5326			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	9	1577	-	866434
2	1	63	9	-	-	42125
3	3	99.5	9	1748	1266	305619
4	1	52.1	9	-	-	570381
5	1	62.8	9	-	-	834926
6	2	68.6	9	1399	-	9570
7	3	93.8	9	1602	1871	272833
8	1	50.3	9	-	-	538170
9	2	77.7	9	1912	-	800762
10	3	93.2	9	1900	1202	1063443
11	1	63.9	9	-	-	241193
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5326			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	10	1248	1305	461997
2	2	69.6	10	1039	-	704706
3	3	88	10	1536	1914	944785
4	3	92.7	10	1147	1108	190829
5	3	95.2	10	1842	1482	431939
6	1	55.6	10	-	-	675725
7	1	50.6	10	-	-	917414
8	1	51.8	10	-	-	161532
9	2	77.6	10	1828	-	402733
10	1	56.6	10	-	-	645699
11	2	78.7	10	1153	-	887031
12	1	54.9	10	-	-	131635
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5328			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	1	53	5	-	-	560878
2	2	82.1	5	1345	-	923625
3	1	61	5	-	-	1288136
4	3	83.6	5	1134	1090	152540
5	3	83.8	5	1705	1559	515089
6	3	91.1	5	1227	1922	877620
7	1	63.1	5	-	-	1243345
8	3	92.5	5	1561	1528	107768
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5328			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	92.7	5	1295	1000	470883
2	1	58.3	5	-	-	834681
3	3	98.9	5	1776	1116	1196354
4	2	76.5	5	1731	-	63162
5	1	62.3	5	-	-	426626
6	1	54.2	5	-	-	790123
7	2	79.1	5	1671	-	1152527
8	2	71.7	5	1813	-	18462
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5325			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	12	1450	1599	234012
2	1	58.5	12	-	-	458300
3	2	73	12	1685	-	680733
4	1	51	12	-	-	905525
5	1	61.3	12	-	-	207297
6	2	74.9	12	1996	-	429751
7	3	97.8	12	1389	1991	651898
8	1	56.3	12	-	-	877681
9	2	76.8	12	1725	-	179448
10	2	66.8	12	1781	-	402570
11	2	70.6	12	1767	-	625798
12	2	82.1	12	1984	-	848080
13	1	64.5	12	-	-	152273
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Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5323			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	74.1	16	1858	-	286621
2	2	82.5	16	1683	-	456906
3	3	90.8	16	1819	1287	625912
4	3	93.3	16	1920	1773	94871
5	1	58.1	16	-	-	266206
6	3	96.4	16	1441	1025	435188
7	2	70.1	16	1027	-	606841
8	1	51.8	16	-	-	74289
9	3	85.1	16	1431	1478	244280
10	1	59.9	16	-	-	415978
11	1	59.3	16	-	-	586846
12	1	64.5	16	-	-	53259
13	1	50.6	16	-	-	224029
14	2	71.3	16	1307	-	394309
15	2	82.6	16	1443	-	564899
16	2	70.7	16	1618	-	32127
17	1	61.5	16	-	-	203110
18						
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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	8	1519.76	658	Yes
2	19	1138.95	878	Yes
3	16	1222.49	818	Yes
4	5	1672.24	598	Yes
5	22	1066.10	938	Yes
6	18	1165.50	858	Yes
7	2	1858.74	538	Yes
8	4	1730.10	578	Yes
9	20	1113.59	898	Yes
10	14	1285.35	778	Yes
11	23	326.16	3066	Yes
12	11	1392.76	718	Yes
13	17	1193.32	838	Yes
14	10	1432.66	698	Yes
15	15	1253.13	798	Yes
16		386.40	2588	Yes
17		616.14	1623	Yes
18		526.04	1901	Yes
19		677.97	1475	Yes
20		1706.48	586	Yes
21		337.27	2965	Yes
22		494.56	2022	Yes
23		511.77	1954	Yes
24		456.41	2191	Yes
25		517.60	1932	Yes
26		1161.44	861	Yes
27		1182.03	846	Yes
28		395.88	2526	Yes
29		393.24	2543	Yes
30		623.44	1604	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	26	3.20	210	Yes
2	26	3.10	221	Yes
3	26	2.80	229	Yes
4	24	1.50	206	Yes
5	29	4.80	155	Yes
6	29	5.00	205	Yes
7	23	1.00	228	Yes
8	29	4.90	215	Yes
9	24	2.00	213	Yes
10	29	4.50	225	Yes
11	23	1.20	222	Yes
12	26	3.30	169	Yes
13	23	1.40	200	Yes
14	23	1.10	227	Yes
15	27	3.70	183	Yes
16	26	3.30	191	Yes
17	29	4.70	198	Yes
18	29	4.90	184	Yes
19	23	1.10	171	Yes
20	25	2.20	230	Yes
21	23	1.20	157	Yes
22	26	3.00	167	Yes
23	29	5.00	174	Yes
24	26	3.10	179	Yes
25	24	2.10	161	Yes
26	25	2.40	150	Yes
27	23	1.10	176	Yes
28	23	1.00	190	No
29	26	2.80	160	Yes
30	28	3.90	202	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	17	8.20	303	Yes
2	17	8.10	237	Yes
3	17	7.80	361	Yes
4	16	6.50	461	Yes
5	18	9.80	216	Yes
6	18	10.00	358	Yes
7	16	6.00	420	Yes
8	18	9.90	311	Yes
9	16	7.00	405	Yes
10	18	9.50	419	Yes
11	16	6.20	331	Yes
12	17	8.30	272	No
13	16	6.40	443	Yes
14	16	6.10	401	Yes
15	18	8.70	242	Yes
16	17	8.30	270	Yes
17	18	9.70	274	No
18	18	9.90	462	Yes
19	16	6.10	424	Yes
20	16	7.20	487	Yes
21	16	6.20	356	Yes
22	17	8.00	302	No
23	18	10.00	245	Yes
24	17	8.10	301	Yes
25	16	7.10	312	Yes
26	17	7.40	320	Yes
27	16	6.10	395	Yes
28	16	6.00	365	No
29	17	7.80	444	Yes
30	18	8.90	438	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	14	15.90	303	Yes
2	14	15.70	237	Yes
3	14	15.00	361	Yes
4	12	12.30	461	No
5	16	19.60	216	Yes
6	16	19.90	358	Yes
7	12	11.10	420	Yes
8	16	19.80	311	No
9	13	13.30	405	Yes
10	16	18.80	419	No
11	12	11.60	331	Yes
12	14	16.10	272	Yes
13	12	11.90	443	Yes
14	12	11.30	401	Yes
15	15	17.10	242	Yes
16	14	16.10	270	Yes
17	16	19.30	274	Yes
18	16	19.70	462	Yes
19	12	11.40	424	No
20	13	13.60	487	Yes
21	12	11.60	356	No
22	14	15.60	302	Yes
23	16	20.00	245	Yes
24	14	15.80	301	Yes
25	13	13.40	312	Yes
26	13	14.10	320	Yes
27	12	11.30	395	Yes
28	12	11.00	365	No
29	14	15.10	444	Yes
30	15	17.50	438	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:			15			
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	77.4	13	1965	-	630086
2	2	75.9	13	1347	-	26464
3	2	72.4	13	1454	-	219875
4	1	57.2	13	-	-	413577
5	3	97.5	13	1087	1249	605894
6	3	99.1	13	1670	1419	2627
7	1	51	13	-	-	196178
8	3	98.6	13	1584	1414	388556
9	1	63	13	-	-	583733
10	3	93.2	13	1807	1002	774401
11	1	53.6	13	-	-	172399
12	2	78.3	13	1029	-	365425
13	1	55.3	13	-	-	559731
14	1	51.7	13	-	-	753068
15	3	83.6	13	1629	1329	147965
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19						
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	78.1	13	1896	-	366135
2	3	95.9	13	1998	1532	571666
3	3	98	13	1381	1103	779606
4	1	52.3	13	-	-	133694
5	1	64.7	13	-	-	341272
6	1	53.3	13	-	-	548947
7	2	75.4	13	1155	-	755599
8	3	99.5	13	1605	1316	107677
9	2	76.8	13	1196	-	315083
10	1	63.7	13	-	-	522937
11	2	67.3	13	1565	-	728957
12	1	51.7	13	-	-	82537
13	1	50.4	13	-	-	290008
14	2	72.6	13	1341	-	497014
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			3			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	3	86	12	1261	1225	757465
2	3	99.1	12	1176	1557	61215
3	1	63	12	-	-	284930
4	2	71.4	12	1608	-	507272
5	1	60.8	12	-	-	731514
6	2	68.2	12	1140	-	33787
7	1	57.9	12	-	-	257249
8	3	98.1	12	1734	1120	479109
9	1	59.2	12	-	-	704694
10	2	74.9	12	1007	-	6295
11	3	97.8	12	1786	1352	229132
12	3	92.2	12	1044	1939	451629
13	1	60	12	-	-	676803
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Trial Number:			4			Detection
Number of Bursts in Trial:			9			(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	59.3	7	-	-	1301597
2	2	75.8	7	1380	-	291984
3	3	91.2	7	1868	1191	614074
4	1	66.3	7	-	-	938005
5	3	89.7	7	1880	1499	1258289
6	1	52.1	7	-	-	252575
7	1	54.4	7	-	-	575530
8	1	58.5	7	-	-	898419
9	3	90.1	7	1865	1250	1218731
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			5			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	1	52.7	20	-	-	95640
2	1	54	20	-	-	240962
3	1	55.7	20	-	-	385953
4	1	55.2	20	-	-	531124
5	1	52	20	-	-	77705
6	2	76.5	20	1376	-	222516
7	3	95.7	20	1870	1911	365719
8	3	93.5	20	1257	1239	511262
9	2	80.2	20	1535	-	59720
10	3	97.4	20	1857	1481	203856
11	1	50.5	20	-	-	349988
12	2	75.9	20	1951	-	494066
13	2	77	20	1879	-	41814
14	3	94.2	20	1623	1980	185888
15	3	90.6	20	1540	1610	330685
16	1	56.9	20	-	-	477696
17	3	94.5	20	1637	1959	23952
18	3	83.5	20	1537	1964	168147
19	2	75.6	20	1269	-	313889
20	2	80	20	1332	-	458389

Trial Number:			6			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	86.6	20	1952	1384	6174
2	2	73	20	1874	-	150901
3	1	54.6	20	-	-	296523
4	2	72.5	20	1187	-	440761
5	3	93.4	20	1008	1022	584373
6	1	66	20	-	-	133421
7	2	73.6	20	1360	-	278110
8	3	85.6	20	1463	1595	421869
9	3	97.5	20	1892	1838	565200
10	2	77.6	20	1696	-	115204
11	3	99.6	20	1877	1300	259243
12	3	96.1	20	1728	1826	403431
13	1	64.1	20	-	-	550800
14	3	96	20	1252	1718	97248
15	3	96.3	20	1235	1128	241957
16	1	59	20	-	-	387924
17	1	65.6	20	-	-	533097
18	1	55.6	20	-	-	79795
19	1	66.2	20	-	-	225127
20	2	81.5	20	1847	-	369118

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

Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			8			
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	52.4	5	-	-	1290063
2	1	65.7	5	-	-	155147
3	3	94.8	5	1754	1612	517462
4	1	50.3	5	-	-	882197
5	3	91.7	5	1695	1909	1242060
6	3	84.1	5	1690	1657	110168
7	2	82.4	5	1502	-	473438
8	2	81.7	5	1616	-	836583
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17						
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19						
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Trial Number:			8			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	1	50.5	20	-	-	479420
2	1	59.3	20	-	-	26211
3	3	95.2	20	1583	1967	170424
4	2	68.7	20	1700	-	315692
5	2	78.8	20	1949	-	460082
6	2	78.5	20	1485	-	8311
7	1	53.4	20	-	-	153547
8	2	79.8	20	1476	-	297760
9	3	99.5	20	1607	1072	442155
10	2	83.2	20	1647	-	587616
11	1	61.9	20	-	-	135530
12	3	86	20	1662	1186	279296
13	1	52.8	20	-	-	426249
14	1	60	20	-	-	571535
15	3	96.1	20	1620	1243	117211
16	1	52.6	20	-	-	262770
17	3	97.9	20	1713	1162	406343
18	1	54.5	20	-	-	553026
19	1	61.8	20	-	-	99809
20	2	81	20	1729	-	244291

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

Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	98	9	1817	1181	708265
2	2	81.6	9	1726	-	972423
3	3	91.3	9	1459	1661	148759
4	3	88.8	9	1558	1175	412252
5	2	67.3	9	1290	-	676715
6	3	94.2	9	1014	1037	939957
7	2	77.6	9	1768	-	116444
8	2	70.9	9	1179	-	380568
9	2	78.3	9	1621	-	643863
10	1	54.2	9	-	-	909540
11	2	80.9	9	1293	-	83987
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Trial Number:			10			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	1	59.2	18	-	-	201416
2	3	83.7	18	1832	1271	352738
3	3	92	18	1375	1954	504312
4	3	85	18	1971	1956	29656
5	3	88.1	18	1989	1004	181792
6	2	82.4	18	1626	-	334491
7	2	80.8	18	1149	-	487185
8	2	67.2	18	1931	-	10960
9	3	85.6	18	1872	1811	162777
10	3	92.6	18	1925	1505	314906
11	1	66.4	18	-	-	469571
12	1	59.5	18	-	-	621949
13	2	82.4	18	1357	-	144662
14	3	93.8	18	2000	1796	296231
15	2	80.3	18	1321	-	449838
16	2	78.6	18	1814	-	601280
17	3	92.4	18	1192	1663	125690
18	2	69.7	18	1837	-	278030
19	3	92.1	18	1021	1070	430355
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			8			
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	52.5	6	-	-	1390040
2	3	87.1	6	1088	1735	254800
3	2	72.2	6	1436	-	618151
4	1	51.3	6	-	-	982180
5	3	83.7	6	1522	1338	1342604
6	2	69	6	1388	-	210374
7	2	68.1	6	1804	-	573152
8	1	56.3	6	-	-	937611
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5497			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	51.4	14	-	-	693038
2	3	84.7	14	1296	1973	87916
3	1	50.9	14	-	-	281834
4	2	82.5	14	1416	-	474969
5	1	51.5	14	-	-	669022
6	3	95.3	14	1052	1418	64253
7	1	52.3	14	-	-	258285
8	1	52.6	14	-	-	451649
9	1	52.2	14	-	-	645668
10	1	60.9	14	-	-	40606
11	2	75	14	1474	-	233718
12	1	57.9	14	-	-	428036
13	2	70.2	14	1328	-	620700
14	2	67	14	1139	-	16730
15	3	87.3	14	1555	1058	209750
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			9			
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	76.3	6	1572	-	673005
2	3	88.5	6	1330	1467	994821
3	2	81.5	6	1143	-	1318846
4	2	72	6	1370	-	310955
5	1	58.8	6	-	-	634292
6	3	95.1	6	1943	1985	954325
7	3	87	6	1897	1489	1277057
8	1	65.5	6	-	-	271334
9	3	85.2	6	1110	1895	593014
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			8			
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	51.2	5	-	-	1032476
2	3	86.2	5	1213	1365	1393059
3	1	51.6	5	-	-	260663
4	3	93.8	5	1319	1732	622707
5	3	87	5	1855	1057	985573
6	2	82.4	5	1198	-	1350224
7	1	58.3	5	-	-	215864
8	1	66	5	-	-	579194
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			16			
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	69.9	15	1083	-	470141
2	2	76	15	1336	-	651479
3	2	79.4	15	1493	-	85316
4	2	82.6	15	1125	-	266462
5	3	84.6	15	1203	1744	446741
6	1	60	15	-	-	630119
7	1	64.9	15	-	-	63089
8	1	64.3	15	-	-	244704
9	2	80.1	15	1498	-	425357
10	3	91.1	15	1715	1889	604732
11	2	78	15	1323	-	40647
12	2	67.7	15	1129	-	221847
13	2	67.4	15	1927	-	402811
14	1	61.7	15	-	-	585290
15	2	71.9	15	1240	-	18330
16	3	85.6	15	1905	1646	198827
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5497			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	99.9	13	1178	1881	405142
2	3	96	13	1180	1840	598522
3	1	62.8	13	-	-	793964
4	1	52.1	13	-	-	189339
5	3	97	13	1594	1184	381753
6	1	59.3	13	-	-	576872
7	1	61.3	13	-	-	770826
8	1	64.4	13	-	-	165583
9	2	69.2	13	1566	-	358585
10	1	65.8	13	-	-	552980
11	2	81.3	13	1237	-	745798
12	1	65.4	13	-	-	141700
13	3	93.6	13	1997	1089	334134
14	1	58.6	13	-	-	528748
15	1	65.6	13	-	-	722623
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5499			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	69.9	19	1092	-	92854
2	1	52.6	19	-	-	245789
3	1	59	19	-	-	398650
4	3	88.1	19	1284	1622	548955
5	3	94.2	19	1860	1101	73835
6	3	87.6	19	1891	1936	225715
7	1	54.7	19	-	-	379863
8	3	91.8	19	1465	1981	529565
9	2	78.5	19	1303	-	55228
10	1	66.5	19	-	-	208261
11	1	57.7	19	-	-	360988
12	2	78.7	19	1986	-	512041
13	1	54	19	-	-	36490
14	1	58.9	19	-	-	189184
15	3	97.8	19	1945	1396	340575
16	2	67.8	19	1282	-	494095
17	3	89.5	19	1701	1506	17582
18	1	64.2	19	-	-	170445
19	1	66	19	-	-	323435
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			20			
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	20	1201	1439	450492
2	3	91.1	20	1898	1518	593917
3	2	69.5	20	1836	-	143612
4	1	56.1	20	-	-	289120
5	2	69.1	20	1138	-	433333
6	1	60.6	20	-	-	579868
7	1	64.7	20	-	-	126192
8	1	65	20	-	-	271142
9	1	63.3	20	-	-	416616
10	2	68.8	20	1917	-	559666
11	2	78.7	20	1123	-	108105
12	3	99.6	20	1785	1298	252357
13	2	70.7	20	1302	-	397991
14	2	71.5	20	1510	-	542115
15	2	75.4	20	1276	-	90263
16	1	58.1	20	-	-	235499
17	1	65.1	20	-	-	380537
18	1	58.3	20	-	-	526318
19	2	73.7	20	1972	-	72309
20	2	77.8	20	1005	-	217338

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Channel 106 Bandwidth 80MHz

Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			8			
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	98	5	1770	1093	906670
2	3	95.1	5	1346	1901	1268883
3	1	54.2	5	-	-	136891
4	3	84.3	5	1869	1885	499108
5	3	85.6	5	1188	1687	861851
6	3	89.3	5	1639	1107	1224556
7	2	80.6	5	1775	-	92021
8	1	57.3	5	-	-	455583
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Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	55.4	9	-	-	595243
2	2	71.4	9	1689	-	858563
3	3	98.1	9	1312	1222	34331
4	3	91.8	9	1472	1753	297781
5	1	51.1	9	-	-	562771
6	2	77.5	9	1395	-	826053
7	1	64.6	9	-	-	1878
8	2	74.6	9	1759	-	265735
9	1	50.3	9	-	-	530464
10	3	96.5	9	1862	1747	792130
11	3	90	9	1513	1168	1056232
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DFS Radar Parameters
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Channel 106 Bandwidth 80MHz

Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5566			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	77.4	6	1797	-	320963
2	2	79.4	6	1961	-	683780
3	2	72.6	6	1578	-	1047102
4	3	91.4	6	1982	1182	1408799
5	2	72.9	6	1150	-	276323
6	3	99.8	6	1512	1617	638413
7	2	67	6	1003	-	1002807
8	3	87	6	1215	1815	1364244
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	1	57.2	13	-	-	132313
2	2	78.6	13	1859	-	338951
3	1	50.8	13	-	-	547439
4	2	82.6	13	1076	-	753879
5	1	59.4	13	-	-	106707
6	1	65.8	13	-	-	314105
7	3	86.4	13	1230	1045	520115
8	2	68.1	13	1950	-	727990
9	3	98.9	13	1774	1757	80806
10	3	86.9	13	1913	1053	287626
11	3	85.2	13	1413	1587	494547
12	2	70.5	13	1480	-	702479
13	2	79.9	13	1041	-	55527
14	2	80	13	1993	-	262504
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Channel 106 Bandwidth 80MHz

Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5560			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	57.4	20	-	-	329057
2	1	59.5	20	-	-	474543
3	3	92	20	1351	1440	20941
4	2	70.7	20	1311	-	165822
5	3	87	20	1265	1012	310114
6	3	98.4	20	1117	1247	454738
7	3	93.3	20	1241	1470	3133
8	1	56.8	20	-	-	148328
9	1	50.8	20	-	-	293364
10	1	57.7	20	-	-	438920
11	2	68.6	20	1784	-	581585
12	2	68.4	20	1065	-	130255
13	3	96.3	20	1326	1760	274043
14	3	98.5	20	1867	1614	418259
15	2	75.4	20	1659	-	564489
16	1	53.6	20	-	-	112517
17	2	81.3	20	1978	-	256671
18	3	84.6	20	1580	1170	401229
19	2	68.6	20	1579	-	546341
20	1	52.2	20	-	-	94622

Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	73.4	13	1887	-	341992
2	2	78.7	13	1727	-	549424
3	1	54.5	13	-	-	758327
4	3	88.9	13	1636	1109	109428
5	3	88.7	13	1484	1349	316110
6	2	75.9	13	1758	-	523464
7	1	64.8	13	-	-	732667
8	1	59.4	13	-	-	84220
9	1	65.8	13	-	-	291582
10	3	87.7	13	1102	1234	497930
11	1	65.2	13	-	-	706635
12	2	76	13	1379	-	58528
13	1	60	13	-	-	266131
14	3	97.4	13	1549	1530	471743
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Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	2	72	9	1577	-	866434
2	1	63	9	-	-	42125
3	3	99.5	9	1748	1266	305619
4	1	52.1	9	-	-	570381
5	1	62.8	9	-	-	834926
6	2	68.6	9	1399	-	9570
7	3	93.8	9	1602	1871	272833
8	1	50.3	9	-	-	538170
9	2	77.7	9	1912	-	800762
10	3	93.2	9	1900	1202	1063443
11	1	63.9	9	-	-	241193
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	3	91	10	1248	1305	461997
2	2	69.6	10	1039	-	704706
3	3	88	10	1536	1914	944785
4	3	92.7	10	1147	1108	190829
5	3	95.2	10	1842	1482	431939
6	1	55.6	10	-	-	675725
7	1	50.6	10	-	-	917414
8	1	51.8	10	-	-	161532
9	2	77.6	10	1828	-	402733
10	1	56.6	10	-	-	645699
11	2	78.7	10	1153	-	887031
12	1	54.9	10	-	-	131635
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Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5566			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	-	-	560878
2	2	82.1	5	1345	-	923625
3	1	61	5	-	-	1288136
4	3	83.6	5	1134	1090	152540
5	3	83.8	5	1705	1559	515089
6	3	91.1	5	1227	1922	877620
7	1	63.1	5	-	-	1243345
8	3	92.5	5	1561	1528	107768
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5566			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	92.7	5	1295	1000	470883
2	1	58.3	5	-	-	834681
3	3	98.9	5	1776	1116	1196354
4	2	76.5	5	1731	-	63162
5	1	62.3	5	-	-	426626
6	1	54.2	5	-	-	790123
7	2	79.1	5	1671	-	1152527
8	2	71.7	5	1813	-	18462
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			13			
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	3	100	12	1450	1599	234012
2	1	58.5	12	-	-	458300
3	2	73	12	1685	-	680733
4	1	51	12	-	-	905525
5	1	61.3	12	-	-	207297
6	2	74.9	12	1996	-	429751
7	3	97.8	12	1389	1991	651898
8	1	56.3	12	-	-	877681
9	2	76.8	12	1725	-	179448
10	2	66.8	12	1781	-	402570
11	2	70.6	12	1767	-	625798
12	2	82.1	12	1984	-	848080
13	1	64.5	12	-	-	152273
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Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	2	74.1	16	1858	-	286621
2	2	82.5	16	1683	-	456906
3	3	90.8	16	1819	1287	625912
4	3	93.3	16	1920	1773	94871
5	1	58.1	16	-	-	266206
6	3	96.4	16	1441	1025	435188
7	2	70.1	16	1027	-	606841
8	1	51.8	16	-	-	74289
9	3	85.1	16	1431	1478	244280
10	1	59.9	16	-	-	415978
11	1	59.3	16	-	-	586846
12	1	64.5	16	-	-	53259
13	1	50.6	16	-	-	224029
14	2	71.3	16	1307	-	394309
15	2	82.6	16	1443	-	564899
16	2	70.7	16	1618	-	32127
17	1	61.5	16	-	-	203110
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<Bridge Mode>

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	8	1519.76	658	Yes
2	19	1138.95	878	Yes
3	16	1222.49	818	Yes
4	5	1672.24	598	Yes
5	22	1066.10	938	Yes
6	18	1165.50	858	Yes
7	2	1858.74	538	Yes
8	4	1730.10	578	Yes
9	20	1113.59	898	Yes
10	14	1285.35	778	Yes
11	23	326.16	3066	Yes
12	11	1392.76	718	Yes
13	17	1193.32	838	Yes
14	10	1432.66	698	Yes
15	15	1253.13	798	Yes
16		386.40	2588	Yes
17		616.14	1623	Yes
18		526.04	1901	Yes
19		677.97	1475	Yes
20		1706.48	586	Yes
21		337.27	2965	Yes
22		494.56	2022	Yes
23		511.77	1954	Yes
24		456.41	2191	Yes
25		517.60	1932	Yes
26		1161.44	861	Yes
27		1182.03	846	Yes
28		395.88	2526	Yes
29		393.24	2543	Yes
30		623.44	1604	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	26	3.20	210	Yes
2	26	3.10	221	Yes
3	26	2.80	229	Yes
4	24	1.50	206	Yes
5	29	4.80	155	Yes
6	29	5.00	205	Yes
7	23	1.00	228	Yes
8	29	4.90	215	Yes
9	24	2.00	213	Yes
10	29	4.50	225	Yes
11	23	1.20	222	Yes
12	26	3.30	169	Yes
13	23	1.40	200	Yes
14	23	1.10	227	Yes
15	27	3.70	183	Yes
16	26	3.30	191	Yes
17	29	4.70	198	Yes
18	29	4.90	184	Yes
19	23	1.10	171	Yes
20	25	2.20	230	Yes
21	23	1.20	157	Yes
22	26	3.00	167	Yes
23	29	5.00	174	Yes
24	26	3.10	179	Yes
25	24	2.10	161	Yes
26	25	2.40	150	Yes
27	23	1.10	176	Yes
28	23	1.00	190	Yes
29	26	2.80	160	Yes
30	28	3.90	202	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	17	8.20	303	No
2	17	8.10	237	Yes
3	17	7.80	361	Yes
4	16	6.50	461	Yes
5	18	9.80	216	Yes
6	18	10.00	358	Yes
7	16	6.00	420	Yes
8	18	9.90	311	Yes
9	16	7.00	405	Yes
10	18	9.50	419	Yes
11	16	6.20	331	Yes
12	17	8.30	272	No
13	16	6.40	443	Yes
14	16	6.10	401	Yes
15	18	8.70	242	No
16	17	8.30	270	Yes
17	18	9.70	274	Yes
18	18	9.90	462	Yes
19	16	6.10	424	Yes
20	16	7.20	487	Yes
21	16	6.20	356	Yes
22	17	8.00	302	Yes
23	18	10.00	245	Yes
24	17	8.10	301	Yes
25	16	7.10	312	Yes
26	17	7.40	320	Yes
27	16	6.10	395	Yes
28	16	6.00	365	Yes
29	17	7.80	444	Yes
30	18	8.90	438	No

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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	14	15.90	303	Yes
2	14	15.70	237	Yes
3	14	15.00	361	Yes
4	12	12.30	461	Yes
5	16	19.60	216	No
6	16	19.90	358	Yes
7	12	11.10	420	No
8	16	19.80	311	Yes
9	13	13.30	405	Yes
10	16	18.80	419	Yes
11	12	11.60	331	Yes
12	14	16.10	272	Yes
13	12	11.90	443	No
14	12	11.30	401	Yes
15	15	17.10	242	Yes
16	14	16.10	270	No
17	16	19.30	274	Yes
18	16	19.70	462	Yes
19	12	11.40	424	Yes
20	13	13.60	487	Yes
21	12	11.60	356	Yes
22	14	15.60	302	Yes
23	16	20.00	245	Yes
24	14	15.80	301	Yes
25	13	13.40	312	No
26	13	14.10	320	No
27	12	11.30	395	Yes
28	12	11.00	365	Yes
29	14	15.10	444	Yes
30	15	17.50	438	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:			15			
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	77.4	13	1965	-	630086
2	2	75.9	13	1347	-	26464
3	2	72.4	13	1454	-	219875
4	1	57.2	13	-	-	413577
5	3	97.5	13	1087	1249	605894
6	3	99.1	13	1670	1419	2627
7	1	51	13	-	-	196178
8	3	98.6	13	1584	1414	388556
9	1	63	13	-	-	583733
10	3	93.2	13	1807	1002	774401
11	1	53.6	13	-	-	172399
12	2	78.3	13	1029	-	365425
13	1	55.3	13	-	-	559731
14	1	51.7	13	-	-	753068
15	3	83.6	13	1629	1329	147965
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	78.1	13	1896	-	366135
2	3	95.9	13	1998	1532	571666
3	3	98	13	1381	1103	779606
4	1	52.3	13	-	-	133694
5	1	64.7	13	-	-	341272
6	1	53.3	13	-	-	548947
7	2	75.4	13	1155	-	755599
8	3	99.5	13	1605	1316	107677
9	2	76.8	13	1196	-	315083
10	1	63.7	13	-	-	522937
11	2	67.3	13	1565	-	728957
12	1	51.7	13	-	-	82537
13	1	50.4	13	-	-	290008
14	2	72.6	13	1341	-	497014
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			3			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	3	86	12	1261	1225	757465
2	3	99.1	12	1176	1557	61215
3	1	63	12	-	-	284930
4	2	71.4	12	1608	-	507272
5	1	60.8	12	-	-	731514
6	2	68.2	12	1140	-	33787
7	1	57.9	12	-	-	257249
8	3	98.1	12	1734	1120	479109
9	1	59.2	12	-	-	704694
10	2	74.9	12	1007	-	6295
11	3	97.8	12	1786	1352	229132
12	3	92.2	12	1044	1939	451629
13	1	60	12	-	-	676803
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Trial Number:			4			Detection
Number of Bursts in Trial:			9			(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	59.3	7	-	-	1301597
2	2	75.8	7	1380	-	291984
3	3	91.2	7	1868	1191	614074
4	1	66.3	7	-	-	938005
5	3	89.7	7	1880	1499	1258289
6	1	52.1	7	-	-	252575
7	1	54.4	7	-	-	575530
8	1	58.5	7	-	-	898419
9	3	90.1	7	1865	1250	1218731
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			5			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	1	52.7	20	-	-	95640
2	1	54	20	-	-	240962
3	1	55.7	20	-	-	385953
4	1	55.2	20	-	-	531124
5	1	52	20	-	-	77705
6	2	76.5	20	1376	-	222516
7	3	95.7	20	1870	1911	365719
8	3	93.5	20	1257	1239	511262
9	2	80.2	20	1535	-	59720
10	3	97.4	20	1857	1481	203856
11	1	50.5	20	-	-	349988
12	2	75.9	20	1951	-	494066
13	2	77	20	1879	-	41814
14	3	94.2	20	1623	1980	185888
15	3	90.6	20	1540	1610	330685
16	1	56.9	20	-	-	477696
17	3	94.5	20	1637	1959	23952
18	3	83.5	20	1537	1964	168147
19	2	75.6	20	1269	-	313889
20	2	80	20	1332	-	458389

Trial Number:			6			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	86.6	20	1952	1384	6174
2	2	73	20	1874	-	150901
3	1	54.6	20	-	-	296523
4	2	72.5	20	1187	-	440761
5	3	93.4	20	1008	1022	584373
6	1	66	20	-	-	133421
7	2	73.6	20	1360	-	278110
8	3	85.6	20	1463	1595	421869
9	3	97.5	20	1892	1838	565200
10	2	77.6	20	1696	-	115204
11	3	99.6	20	1877	1300	259243
12	3	96.1	20	1728	1826	403431
13	1	64.1	20	-	-	550800
14	3	96	20	1252	1718	97248
15	3	96.3	20	1235	1128	241957
16	1	59	20	-	-	387924
17	1	65.6	20	-	-	533097
18	1	55.6	20	-	-	79795
19	1	66.2	20	-	-	225127
20	2	81.5	20	1847	-	369118

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

Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			8			
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	52.4	5	-	-	1290063
2	1	65.7	5	-	-	155147
3	3	94.8	5	1754	1612	517462
4	1	50.3	5	-	-	882197
5	3	91.7	5	1695	1909	1242060
6	3	84.1	5	1690	1657	110168
7	2	82.4	5	1502	-	473438
8	2	81.7	5	1616	-	836583
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Trial Number:			8			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	1	50.5	20	-	-	479420
2	1	59.3	20	-	-	26211
3	3	95.2	20	1583	1967	170424
4	2	68.7	20	1700	-	315692
5	2	78.8	20	1949	-	460082
6	2	78.5	20	1485	-	8311
7	1	53.4	20	-	-	153547
8	2	79.8	20	1476	-	297760
9	3	99.5	20	1607	1072	442155
10	2	83.2	20	1647	-	587616
11	1	61.9	20	-	-	135530
12	3	86	20	1662	1186	279296
13	1	52.8	20	-	-	426249
14	1	60	20	-	-	571535
15	3	96.1	20	1620	1243	117211
16	1	52.6	20	-	-	262770
17	3	97.9	20	1713	1162	406343
18	1	54.5	20	-	-	553026
19	1	61.8	20	-	-	99809
20	2	81	20	1729	-	244291

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

Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	98	9	1817	1181	708265
2	2	81.6	9	1726	-	972423
3	3	91.3	9	1459	1661	148759
4	3	88.8	9	1558	1175	412252
5	2	67.3	9	1290	-	676715
6	3	94.2	9	1014	1037	939957
7	2	77.6	9	1768	-	116444
8	2	70.9	9	1179	-	380568
9	2	78.3	9	1621	-	643863
10	1	54.2	9	-	-	909540
11	2	80.9	9	1293	-	83987
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Trial Number:			10			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	1	59.2	18	-	-	201416
2	3	83.7	18	1832	1271	352738
3	3	92	18	1375	1954	504312
4	3	85	18	1971	1956	29656
5	3	88.1	18	1989	1004	181792
6	2	82.4	18	1626	-	334491
7	2	80.8	18	1149	-	487185
8	2	67.2	18	1931	-	10960
9	3	85.6	18	1872	1811	162777
10	3	92.6	18	1925	1505	314906
11	1	66.4	18	-	-	469571
12	1	59.5	18	-	-	621949
13	2	82.4	18	1357	-	144662
14	3	93.8	18	2000	1796	296231
15	2	80.3	18	1321	-	449838
16	2	78.6	18	1814	-	601280
17	3	92.4	18	1192	1663	125690
18	2	69.7	18	1837	-	278030
19	3	92.1	18	1021	1070	430355
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5493			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	1	52.5	6	-	-	1390040
2	3	87.1	6	1088	1735	254800
3	2	72.2	6	1436	-	618151
4	1	51.3	6	-	-	982180
5	3	83.7	6	1522	1338	1342604
6	2	69	6	1388	-	210374
7	2	68.1	6	1804	-	573152
8	1	56.3	6	-	-	937611
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			15			
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	1	51.4	14	-	-	693038
2	3	84.7	14	1296	1973	87916
3	1	50.9	14	-	-	281834
4	2	82.5	14	1416	-	474969
5	1	51.5	14	-	-	669022
6	3	95.3	14	1052	1418	64253
7	1	52.3	14	-	-	258285
8	1	52.6	14	-	-	451649
9	1	52.2	14	-	-	645668
10	1	60.9	14	-	-	40606
11	2	75	14	1474	-	233718
12	1	57.9	14	-	-	428036
13	2	70.2	14	1328	-	620700
14	2	67	14	1139	-	16730
15	3	87.3	14	1555	1058	209750
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DFS Radar Parameters
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Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			9			
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	76.3	6	1572	-	673005
2	3	88.5	6	1330	1467	994821
3	2	81.5	6	1143	-	1318846
4	2	72	6	1370	-	310955
5	1	58.8	6	-	-	634292
6	3	95.1	6	1943	1985	954325
7	3	87	6	1897	1489	1277057
8	1	65.5	6	-	-	271334
9	3	85.2	6	1110	1895	593014
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			8			
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	51.2	5	-	-	1032476
2	3	86.2	5	1213	1365	1393059
3	1	51.6	5	-	-	260663
4	3	93.8	5	1319	1732	622707
5	3	87	5	1855	1057	985573
6	2	82.4	5	1198	-	1350224
7	1	58.3	5	-	-	215864
8	1	66	5	-	-	579194
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			16			
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	69.9	15	1083	-	470141
2	2	76	15	1336	-	651479
3	2	79.4	15	1493	-	85316
4	2	82.6	15	1125	-	266462
5	3	84.6	15	1203	1744	446741
6	1	60	15	-	-	630119
7	1	64.9	15	-	-	63089
8	1	64.3	15	-	-	244704
9	2	80.1	15	1498	-	425357
10	3	91.1	15	1715	1889	604732
11	2	78	15	1323	-	40647
12	2	67.7	15	1129	-	221847
13	2	67.4	15	1927	-	402811
14	1	61.7	15	-	-	585290
15	2	71.9	15	1240	-	18330
16	3	85.6	15	1905	1646	198827
17						
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			15			
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	3	99.9	13	1178	1881	405142
2	3	96	13	1180	1840	598522
3	1	62.8	13	-	-	793964
4	1	52.1	13	-	-	189339
5	3	97	13	1594	1184	381753
6	1	59.3	13	-	-	576872
7	1	61.3	13	-	-	770826
8	1	64.4	13	-	-	165583
9	2	69.2	13	1566	-	358585
10	1	65.8	13	-	-	552980
11	2	81.3	13	1237	-	745798
12	1	65.4	13	-	-	141700
13	3	93.6	13	1997	1089	334134
14	1	58.6	13	-	-	528748
15	1	65.6	13	-	-	722623
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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			19			
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	69.9	19	1092	-	92854
2	1	52.6	19	-	-	245789
3	1	59	19	-	-	398650
4	3	88.1	19	1284	1622	548955
5	3	94.2	19	1860	1101	73835
6	3	87.6	19	1891	1936	225715
7	1	54.7	19	-	-	379863
8	3	91.8	19	1465	1981	529565
9	2	78.5	19	1303	-	55228
10	1	66.5	19	-	-	208261
11	1	57.7	19	-	-	360988
12	2	78.7	19	1986	-	512041
13	1	54	19	-	-	36490
14	1	58.9	19	-	-	189184
15	3	97.8	19	1945	1396	340575
16	2	67.8	19	1282	-	494095
17	3	89.5	19	1701	1506	17582
18	1	64.2	19	-	-	170445
19	1	66	19	-	-	323435
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Trial Number:			18			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	3	94	20	1201	1439	450492
2	3	91.1	20	1898	1518	593917
3	2	69.5	20	1836	-	143612
4	1	56.1	20	-	-	289120
5	2	69.1	20	1138	-	433333
6	1	60.6	20	-	-	579868
7	1	64.7	20	-	-	126192
8	1	65	20	-	-	271142
9	1	63.3	20	-	-	416616
10	2	68.8	20	1917	-	559666
11	2	78.7	20	1123	-	108105
12	3	99.6	20	1785	1298	252357
13	2	70.7	20	1302	-	397991
14	2	71.5	20	1510	-	542115
15	2	75.4	20	1276	-	90263
16	1	58.1	20	-	-	235499
17	1	65.1	20	-	-	380537
18	1	58.3	20	-	-	526318
19	2	73.7	20	1972	-	72309
20	2	77.8	20	1005	-	217338

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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			8			
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	98	5	1770	1093	906670
2	3	95.1	5	1346	1901	1268883
3	1	54.2	5	-	-	136891
4	3	84.3	5	1869	1885	499108
5	3	85.6	5	1188	1687	861851
6	3	89.3	5	1639	1107	1224556
7	2	80.6	5	1775	-	92021
8	1	57.3	5	-	-	455583
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Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	55.4	9	-	-	595243
2	2	71.4	9	1689	-	858563
3	3	98.1	9	1312	1222	34331
4	3	91.8	9	1472	1753	297781
5	1	51.1	9	-	-	562771
6	2	77.5	9	1395	-	826053
7	1	64.6	9	-	-	1878
8	2	74.6	9	1759	-	265735
9	1	50.3	9	-	-	530464
10	3	96.5	9	1862	1747	792130
11	3	90	9	1513	1168	1056232
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Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5567			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	77.4	6	1797	-	320963
2	2	79.4	6	1961	-	683780
3	2	72.6	6	1578	-	1047102
4	3	91.4	6	1982	1182	1408799
5	2	72.9	6	1150	-	276323
6	3	99.8	6	1512	1617	638413
7	2	67	6	1003	-	1002807
8	3	87	6	1215	1815	1364244
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	57.2	13	-	-	132313
2	2	78.6	13	1859	-	338951
3	1	50.8	13	-	-	547439
4	2	82.6	13	1076	-	753879
5	1	59.4	13	-	-	106707
6	1	65.8	13	-	-	314105
7	3	86.4	13	1230	1045	520115
8	2	68.1	13	1950	-	727990
9	3	98.9	13	1774	1757	80806
10	3	86.9	13	1913	1053	287626
11	3	85.2	13	1413	1587	494547
12	2	70.5	13	1480	-	702479
13	2	79.9	13	1041	-	55527
14	2	80	13	1993	-	262504
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Trial Number:			23			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	57.4	20	-	-	329057
2	1	59.5	20	-	-	474543
3	3	92	20	1351	1440	20941
4	2	70.7	20	1311	-	165822
5	3	87	20	1265	1012	310114
6	3	98.4	20	1117	1247	454738
7	3	93.3	20	1241	1470	3133
8	1	56.8	20	-	-	148328
9	1	50.8	20	-	-	293364
10	1	57.7	20	-	-	438920
11	2	68.6	20	1784	-	581585
12	2	68.4	20	1065	-	130255
13	3	96.3	20	1326	1760	274043
14	3	98.5	20	1867	1614	418259
15	2	75.4	20	1659	-	564489
16	1	53.6	20	-	-	112517
17	2	81.3	20	1978	-	256671
18	3	84.6	20	1580	1170	401229
19	2	68.6	20	1579	-	546341
20	1	52.2	20	-	-	94622

Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	2	73.4	13	1887	-	341992
2	2	78.7	13	1727	-	549424
3	1	54.5	13	-	-	758327
4	3	88.9	13	1636	1109	109428
5	3	88.7	13	1484	1349	316110
6	2	75.9	13	1758	-	523464
7	1	64.8	13	-	-	732667
8	1	59.4	13	-	-	84220
9	1	65.8	13	-	-	291582
10	3	87.7	13	1102	1234	497930
11	1	65.2	13	-	-	706635
12	2	76	13	1379	-	58528
13	1	60	13	-	-	266131
14	3	97.4	13	1549	1530	471743
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Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5566			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	9	1577	-	866434
2	1	63	9	-	-	42125
3	3	99.5	9	1748	1266	305619
4	1	52.1	9	-	-	570381
5	1	62.8	9	-	-	834926
6	2	68.6	9	1399	-	9570
7	3	93.8	9	1602	1871	272833
8	1	50.3	9	-	-	538170
9	2	77.7	9	1912	-	800762
10	3	93.2	9	1900	1202	1063443
11	1	63.9	9	-	-	241193
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5566			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	10	1248	1305	461997
2	2	69.6	10	1039	-	704706
3	3	88	10	1536	1914	944785
4	3	92.7	10	1147	1108	190829
5	3	95.2	10	1842	1482	431939
6	1	55.6	10	-	-	675725
7	1	50.6	10	-	-	917414
8	1	51.8	10	-	-	161532
9	2	77.6	10	1828	-	402733
10	1	56.6	10	-	-	645699
11	2	78.7	10	1153	-	887031
12	1	54.9	10	-	-	131635
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Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			8			
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	1	53	5	-	-	560878
2	2	82.1	5	1345	-	923625
3	1	61	5	-	-	1288136
4	3	83.6	5	1134	1090	152540
5	3	83.8	5	1705	1559	515089
6	3	91.1	5	1227	1922	877620
7	1	63.1	5	-	-	1243345
8	3	92.5	5	1561	1528	107768
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5568			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	92.7	5	1295	1000	470883
2	1	58.3	5	-	-	834681
3	3	98.9	5	1776	1116	1196354
4	2	76.5	5	1731	-	63162
5	1	62.3	5	-	-	426626
6	1	54.2	5	-	-	790123
7	2	79.1	5	1671	-	1152527
8	2	71.7	5	1813	-	18462
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Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			13			
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	3	100	12	1450	1599	234012
2	1	58.5	12	-	-	458300
3	2	73	12	1685	-	680733
4	1	51	12	-	-	905525
5	1	61.3	12	-	-	207297
6	2	74.9	12	1996	-	429751
7	3	97.8	12	1389	1991	651898
8	1	56.3	12	-	-	877681
9	2	76.8	12	1725	-	179448
10	2	66.8	12	1781	-	402570
11	2	70.6	12	1767	-	625798
12	2	82.1	12	1984	-	848080
13	1	64.5	12	-	-	152273
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Trial Number:			30			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	74.1	16	1858	-	286621
2	2	82.5	16	1683	-	456906
3	3	90.8	16	1819	1287	625912
4	3	93.3	16	1920	1773	94871
5	1	58.1	16	-	-	266206
6	3	96.4	16	1441	1025	435188
7	2	70.1	16	1027	-	606841
8	1	51.8	16	-	-	74289
9	3	85.1	16	1431	1478	244280
10	1	59.9	16	-	-	415978
11	1	59.3	16	-	-	586846
12	1	64.5	16	-	-	53259
13	1	50.6	16	-	-	224029
14	2	71.3	16	1307	-	394309
15	2	82.6	16	1443	-	564899
16	2	70.7	16	1618	-	32127
17	1	61.5	16	-	-	203110
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