FCC DFS TEST REPORT

FCC ID	:	**2AG7G-B3A**
Equipment	:	**SuperPod**
Brand Name	:	**Plume Design, Inc.**
Model Name	:	**B3A**
Applicant	:	**Plume Design, Inc.** **325 Lytton Ave, Palo Alto , CA 94301, USA**
Manufacturer	:	**Plume Design, Inc.** **325 Lytton Ave, Palo Alto , CA 94301, USA**
Standard	:	**FCC Part 15 Subpart E**

The product was received on Mar. 23, 2022 and testing was performed from Apr. 11, 2022 to Jul. 11, 2022. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in FCC Part 15 Subpart E and shown compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issue Date
FZ232212	01	Initial issue of report	Jun. 01, 2022
FZ232212	02	Add antenna information	Jun. 15, 2022
FZ232212	03	1. Add remark description in section 1.1 2. Add Bridge Mode information	Jul. 13, 2022

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	-

Declaration of Conformity:
The test results (PASS/FAIL) with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.
Comments and Explanations:
The product specifications of the EUT presented in the report are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Keven Cheng
Report Producer: Vivian Hsu

1 General Description

1.1 Feature of Equipment Under Test

Bluetooth-LE, Wi-Fi 2.4GHz 802.11b/g/n/ac, Wi-Fi 5GHz 802.11a/n/ac.

Product Feature	
Antenna Type	**WLAN** **<For LB Ant.>** <Ant. 1>: IFA Antenna <Ant. 2>: IFA Antenna **<For HB Ant.>** <Ant. 1>: PIFA Antenna <Ant. 2>: PIFA Antenna <Ant. 3>: IFA Antenna <Ant. 4>: IFA Antenna Bluetooth: Slot Antenna
Antenna Gain	**WLAN** **<For LB Ant.>** <Ant. 1>: WLAN 5GHz (Band 2): 3.8 dBi <Ant. 2>: WLAN 5GHz (Band 2): 4.5 dBi **<For HB Ant.>** <Ant. 1>:WLAN 5GHz (Band 3): 6.0 dBi <Ant. 2>: WLAN 5GHz (Band 3): 5.8 dBi <Ant. 3>: WLAN 5GHz (Band 3): 3.7 dBi <Ant. 4>: WLAN 5GHz (Band 3): 3.7 dBi

Remark:

1. The EUT's information above is declared by manufacturer. Please refer to Comments and Explanations in report summary.
2. This device supports bridge mode, can work as a relay and perform a test stats performance check to verify bridge mode.

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, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No.
	DF02-HY

FCC designation No.: TW1190

1.4 Applied Standards

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

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

Remark:

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

1.5 Support Unit used in test configuration and system

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

2 Requirements and Parameters for DFS Test

2.1 Summary of Dynamic Frequency Selection Test

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

2.2 Applicability of DFS Requirements

EUT is considered as a master device.

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

Requirement	Operational Mode		
	Master	Client Without Radar Detection	Client With Radar Detection
Non-Occupancy Period	Yes	Not required	Yes
DFS Detection Threshold	Yes	Not required	Yes
Channel Availability Check Time	Yes	Not required	Not required
U-NII Detection Bandwidth	Yes	Not required	Yes

Table 2: Applicability of DFS requirements during normal operation

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

Additional requirements for devices with multiple bandwidth modes	Operational Mode	
	Master or Client With Radar Detection	Client Without Radar Detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required

Note

Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.

2.3 DFS Detection Thresholds

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

Table 3: DFS Detection Thresholds for Master Devices

Maximum Transmit Power	Value (see notes 1, 2, and 3)
EIRP ≥ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna. **Note 2:** Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. **Note 3:** EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.	

The radar *Detection Threshold*, lowest antenna gain is the parameter of Interference radar DFS detection threshold, The Interference Detection Threshold is the (-64dBm) + (3.7) [dBi]+ 1 dB= -59.3 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.

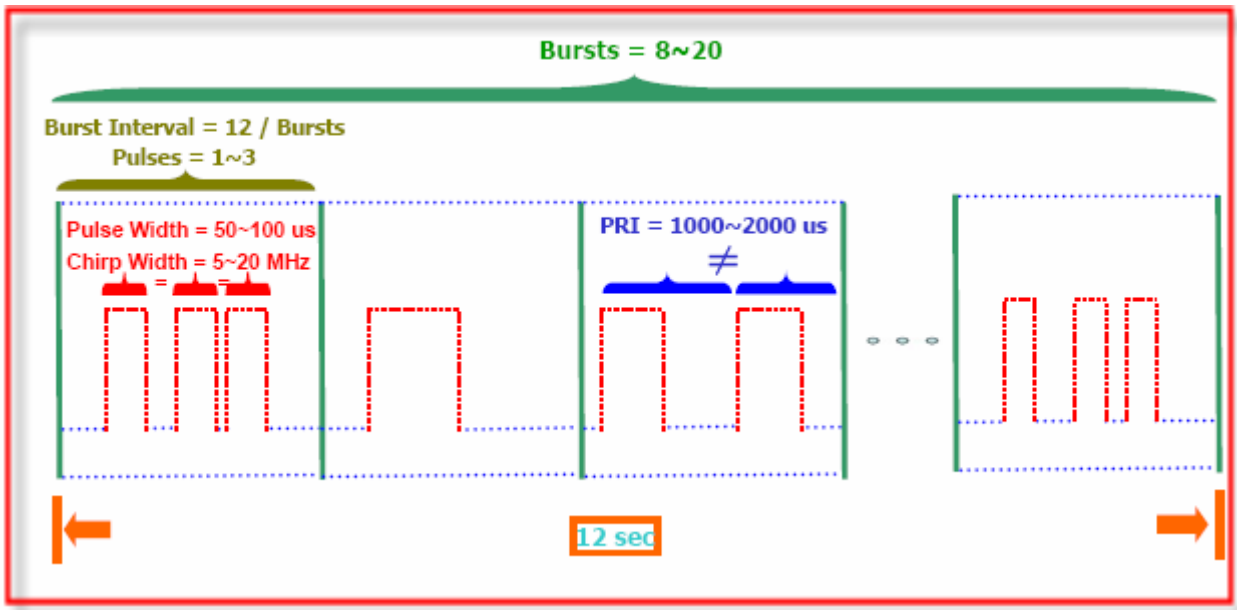
(3) Burst 1 has 2 randomly generated pulses.

(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.

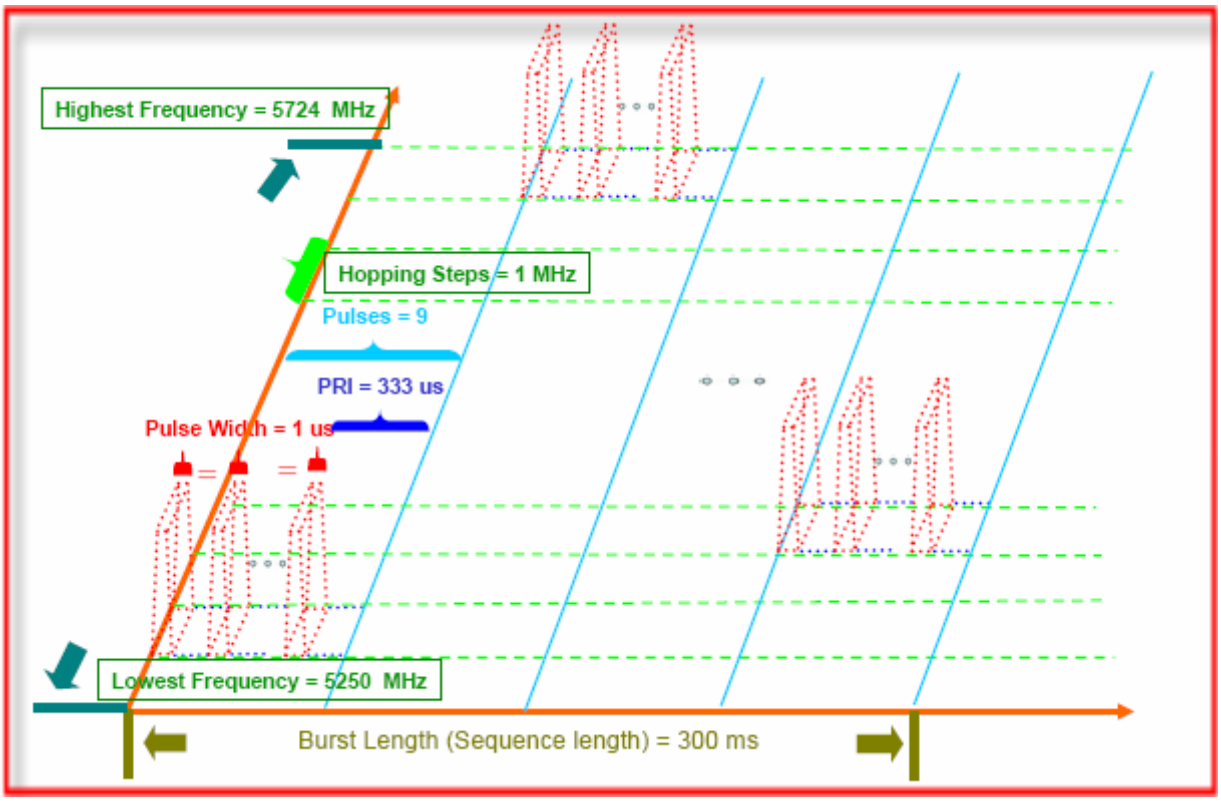
(7) Each Burst is contained in even intervals of 1,500,000 microseconds. The starting location for Pulse 1, Burst 1 is randomly generated (1 to 1,500,000 minus the total Burst 1 length + 1 random PRI interval) at the 325,001 microsecond step. Bursts 2 through 8 randomly fall in successive 1,500,000 microsecond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



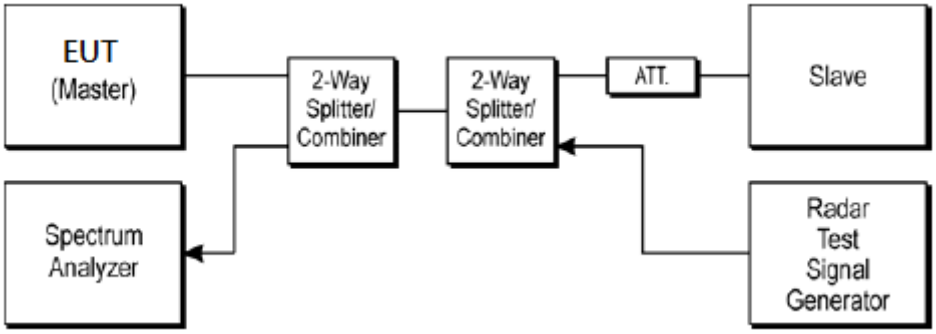
3 Calibration Setup and DFS Test Results

3.1 Calibration of Radar Waveform

3.1.1 Radar Waveform Calibration Procedure

The Interference Radar Detection Threshold Level is (-64) + (3.7) [dBi] + 1dB = -59.3 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) + (3.7) [dBi] + 1dB = -59.3 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

<20MHz / 5500MHz>

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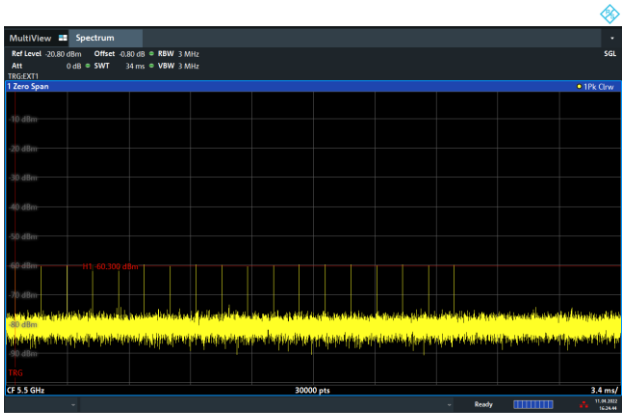	
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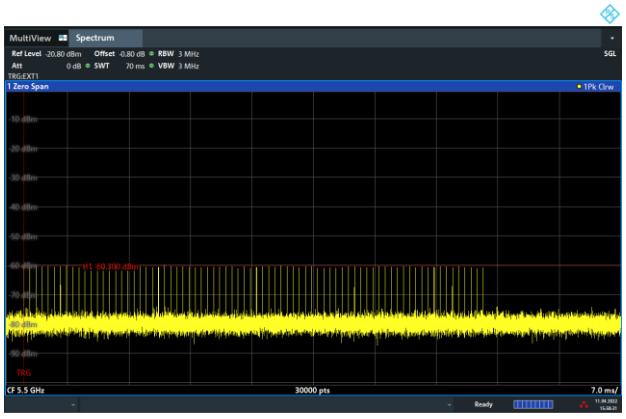	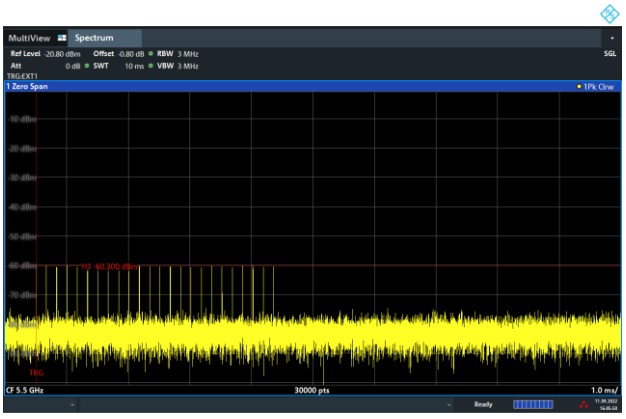
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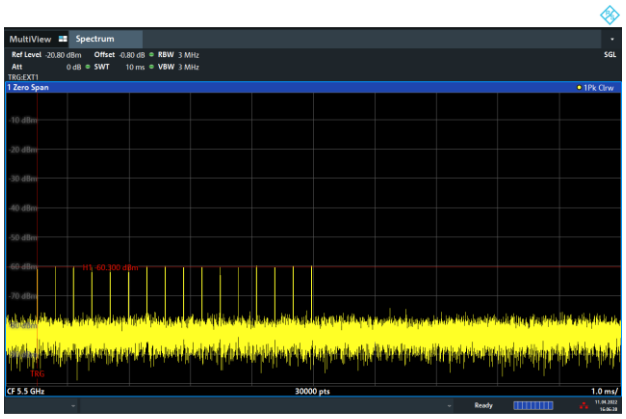
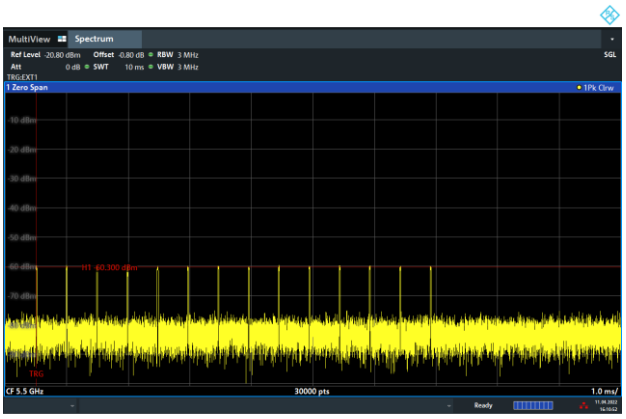
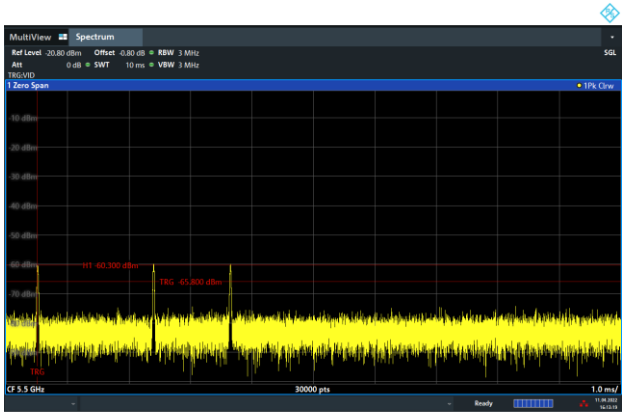
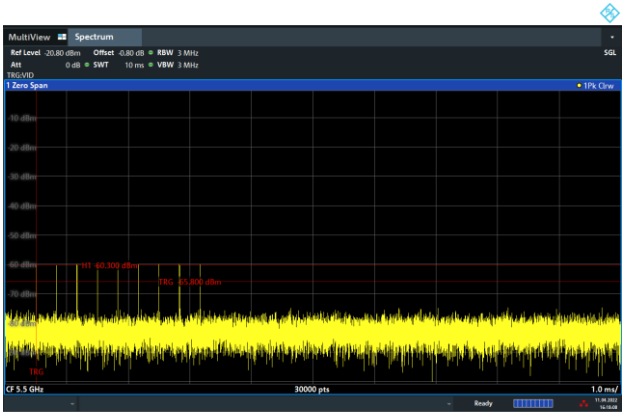
	

Single Burst of Radar Type 5	Single Burst of Radar Type 6
	

<40MHz / 5510MHz>

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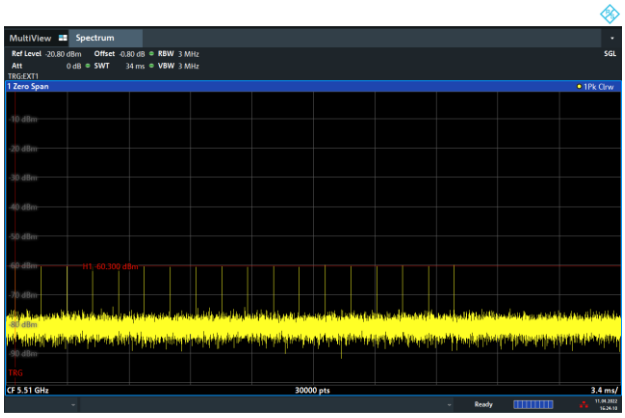	

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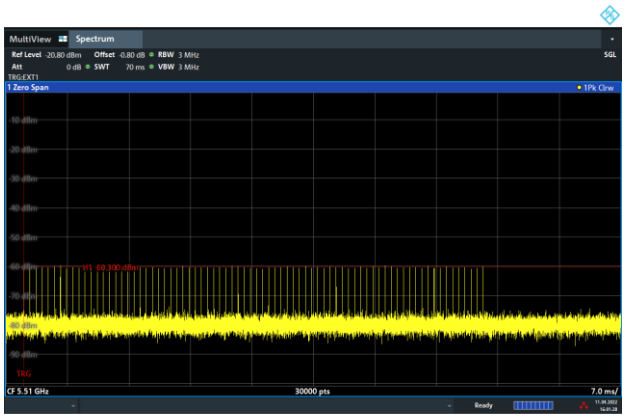	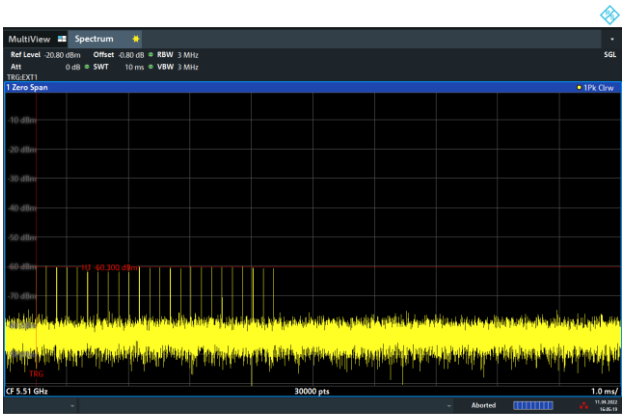

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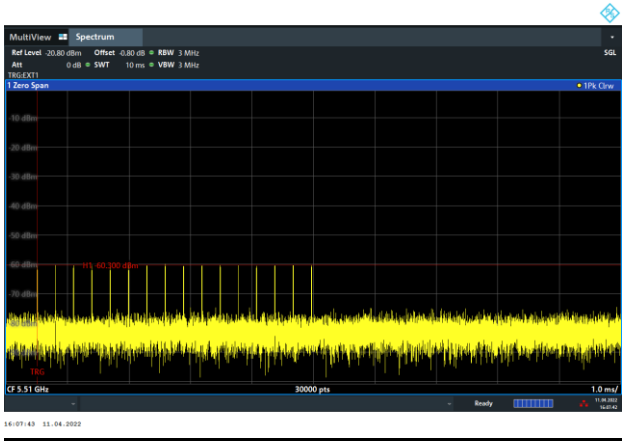
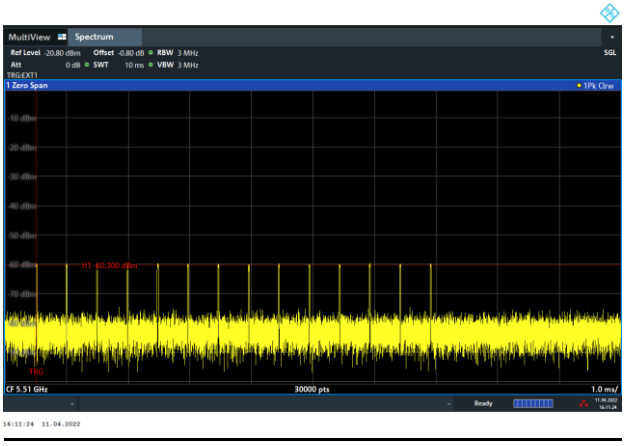
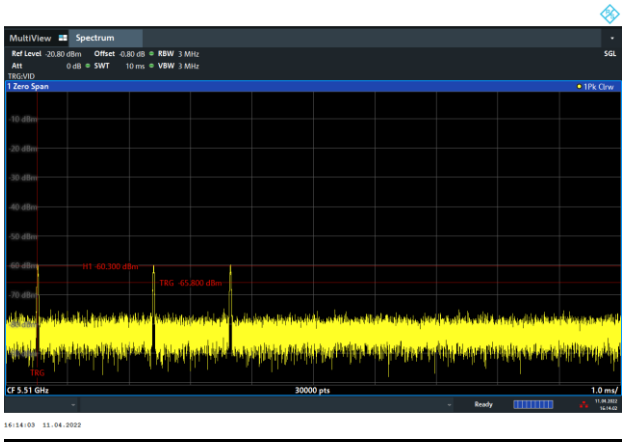
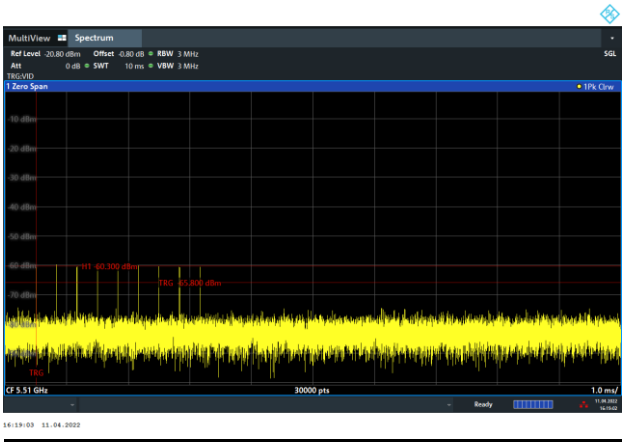
	
Single Burst of Radar Type 5	**Single Burst of Radar Type 6**
	

<80MHz / 5530MHz>

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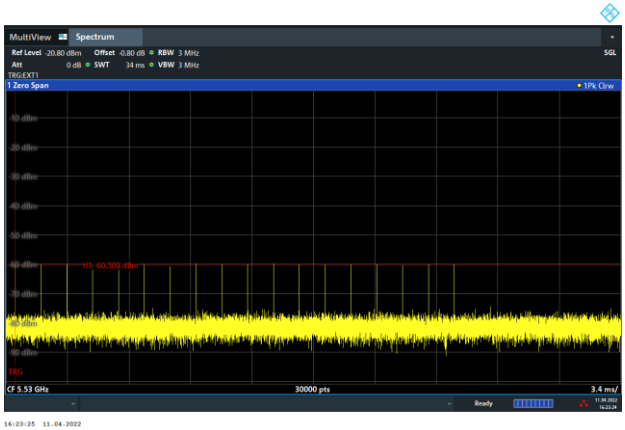	

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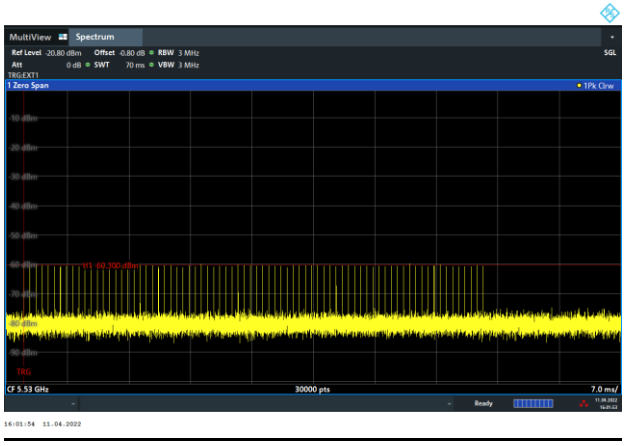	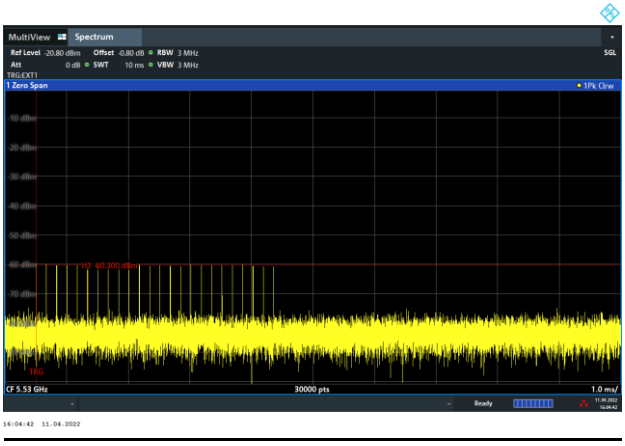
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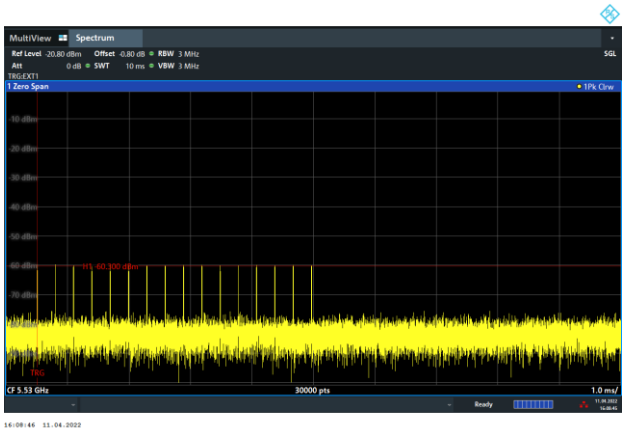	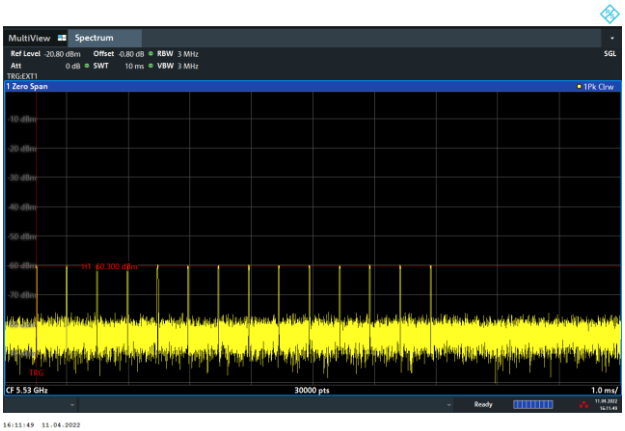
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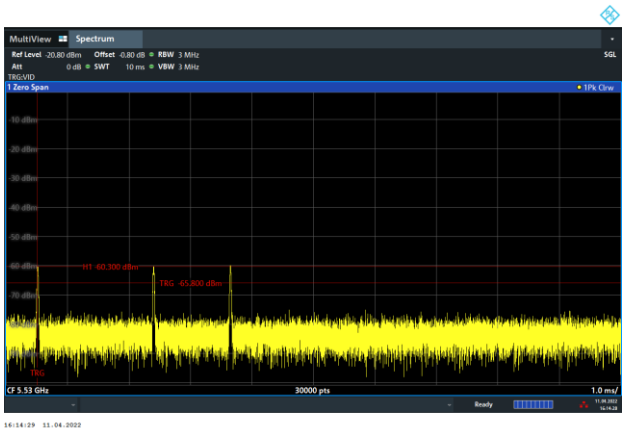
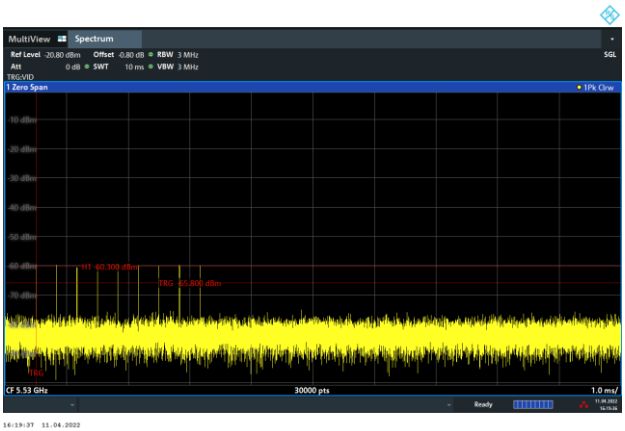
	

3.2 U-NII Detection Bandwidth

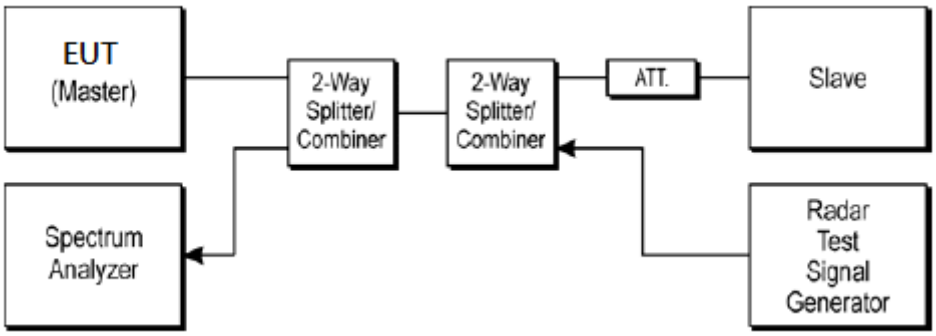
3.2.1 Limit of U-NII Detection Bandwidth

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 = V, No Detection = N)										Rate (%)	F_H/F_L
		1	2	3	4	5	6	7	8	9	10		
5489	-11	N	N	N	N	N	N	N	N	N	N	0	
5490	-10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	F_L
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	F_H
5511	+11	N	N	N	N	N	N	N	N	N	N	0	
Detection Bandwidth = $F_H - F_L$ = **5510** – **5490** = **20** MHz EUT 99% Bandwidth = **18.386** MHz (Refer to channel 100)													

<40MHz / 5510MHz>

Frequency (MHz)	Fc	Trial Number (Detection = V, No Detection = N)										Rate (%)	F_H/F_L
		1	2	3	4	5	6	7	8	9	10		
5489	-21	N	N	N	N	N	N	N	N	N	N	0	
5490	-20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	**F_L**
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	**F_H**
5531	+21	N	N	N	N	N	N	N	N	N	N	0	
Detection Bandwidth = $F_H - F_L$ = **5530** – **5490** = **40** MHz EUT 99% Bandwidth = **36.600** MHz (Refer to channel 102)													

<80MHz / 5530MHz>

Frequency (MHz)	Fc	Trial Number (Detection = V, No Detection = N)										Rate (%)	F_H/F_L
		1	2	3	4	5	6	7	8	9	10		
5489	-41	N	N	N	N	N	N	N	N	N	N	0	
5490	-40	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	F_L
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	F_H
5571	+41	N	N	N	N	N	N	N	N	N	N	0	
Detection Bandwidth = $F_H - F_L$ = **5570** – **5490** = **80** MHz EUT 99% Bandwidth = **75.940** MHz (Refer to channel 106)													

3.3 Channel Availability Check

3.3.1 Limit of Channel Availability Check

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

3.3.2 Test Procedures of Initial Channel Availability Check Time

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

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

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

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

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

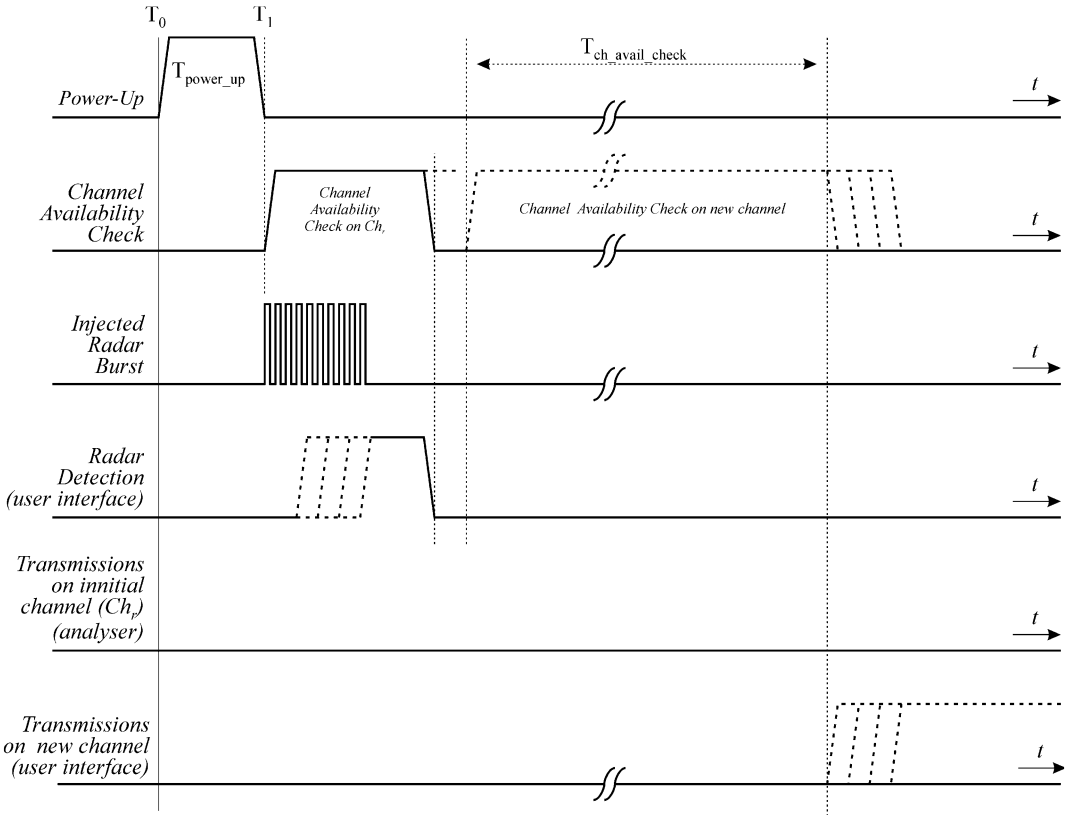


Figure 15: Example of timing for radar testing at the beginning of the Channel Availability Check Time

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

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

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

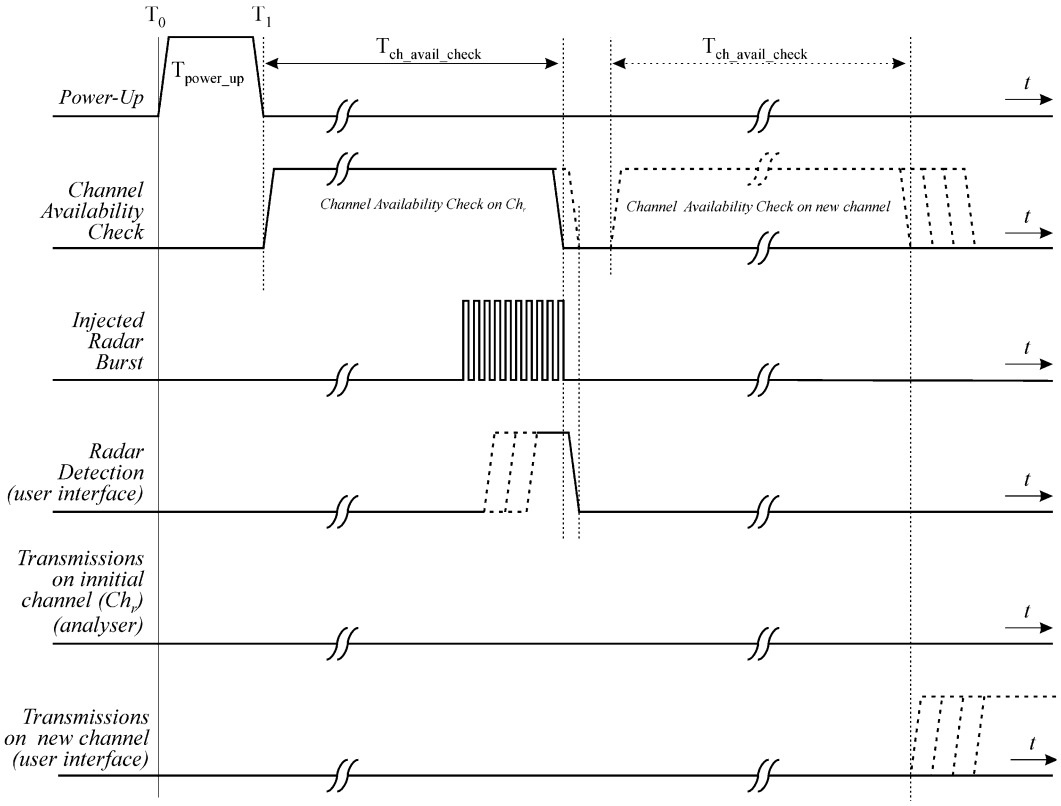
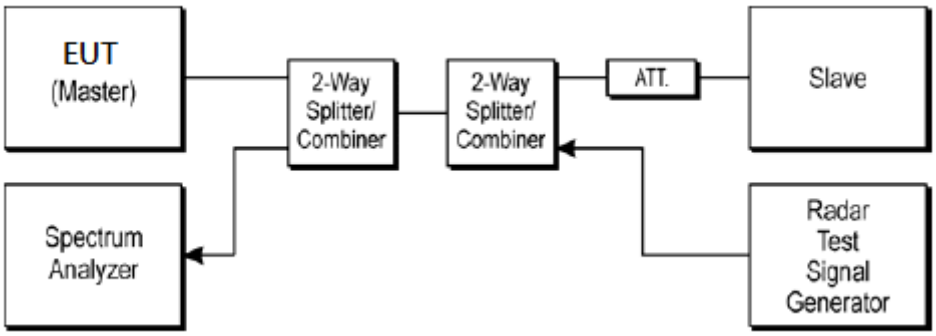


Figure 16: Example of timing for radar testing towards the end of the Channel Availability Check Time

3.3.5 Test Setup

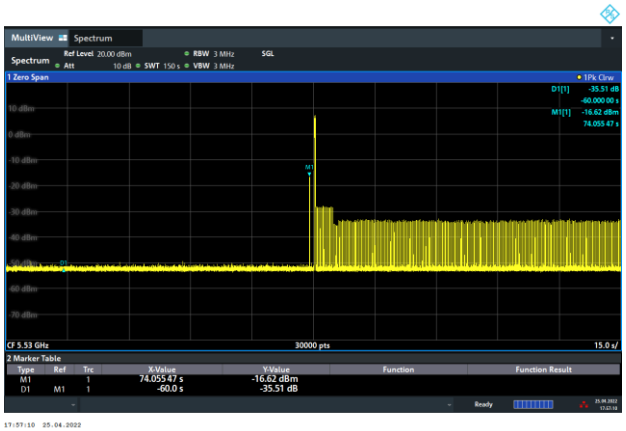
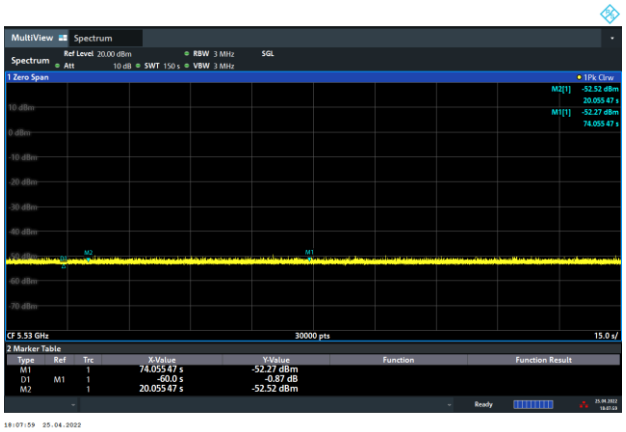
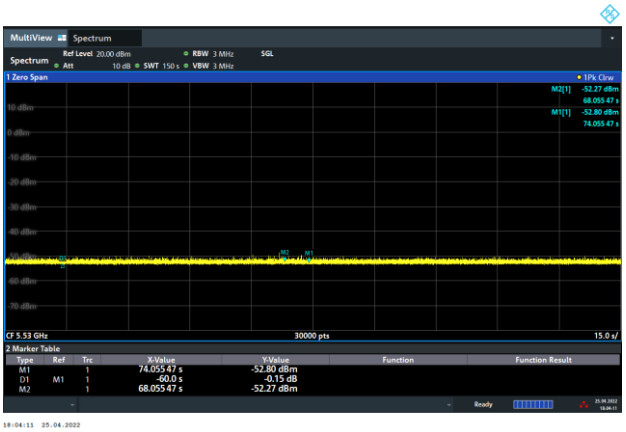


3.3.6 Test Deviation

There is no deviation with the original standard.

3.3.7 Result of Channel Availability Check Time

<80MHz / 5530MHz>

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

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

Marker 2: End of Channel Availability Check

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

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

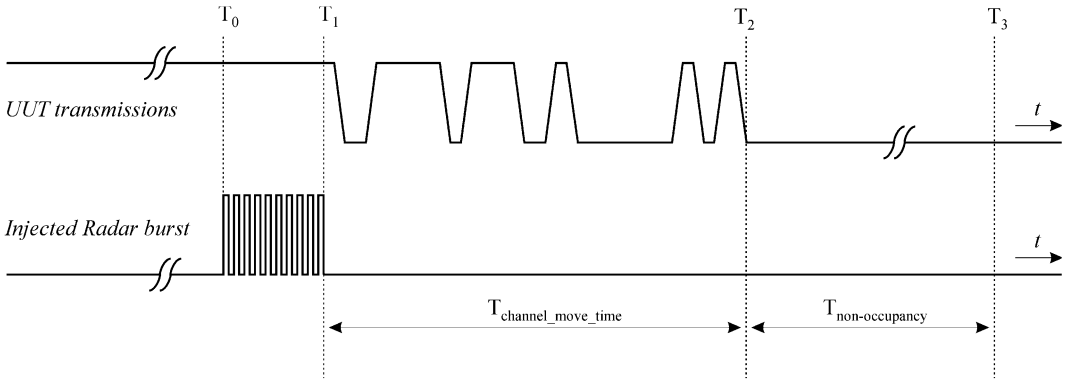
3.4.1 Limit of In-Service Monitoring

The EUT has In-Service Monitoring function to continuously monitor the radar signals, If radar is detected, it must leave the channel (Shutdown). The Channel Move Time to cease all transmissions on the current Channel upon detection of a Radar Waveform above the DFS Detection Threshold within 10 sec. The total duration of Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate Channel changes (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.
Non-Occupancy Period time is 30 minute during which a Channel will not be utilized after a Radar Waveform is detected on that Channel.

3.4.2 Test Procedures

(1) One frequency will be chosen from the Operating Channels of the EUT within the 5250-5350 MHz or 5470-5725 MHz bands. For 802.11 devices, the test frequency must contain control signals. This can be verified by disabling channel loading and monitoring the spectrum analyzer. If no control signals are detected, another frequency must be selected within the emission bandwidth where control signals are detected.
(2) In case the EUT is a Master Device, a U-NII device operating as a Client Device will be used and it is assumed that the Client will associate with the EUT (Master). For radiated tests, the emissions of the Radar Waveform generator will be directed towards the Master Device. If the Master Device has antenna gain, the main beam of the antenna will be directed toward the radar emitter. Vertical polarization is used for testing.
(3) The TCP protocol unicast data stream was generated by the iperf software command line with at least 17% activity ratio over any 100ms period.
(4) Timing plots are reported with calculations demonstrating a minimum channel loading of approximately 17% or greater. For example, channel loading can be estimated by setting the spectrum analyzer for zero span and approximate the Time On/ (Time On + Off Time).
(5) At time T0 the Radar Waveform generator sends a Burst of pulses for one of the Short Pulse Radar Types 1-4 at DFS Detection Threshold levels on the Operating Channel. An additional 1 dB is added to the radar test signal to ensure it is at or above the DFS Detection Threshold, accounting for equipment variations/errors.
(6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel for duration greater than 10 seconds. Measure and record the transmissions from the EUT during the observation time (Channel Move Time). Measure and record the Channel Move Time and Channel Closing Transmission Time if radar detection occurs.

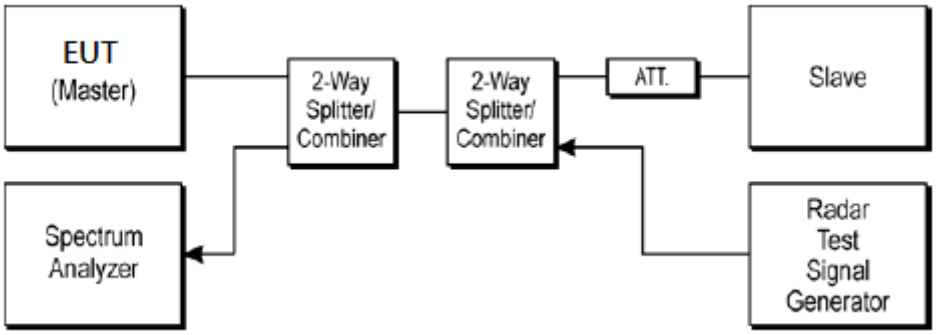
(7) When operating as a Master Device, monitor the EUT for more than 30 minutes following instant T2 to verify that the EUT does not resume any transmissions on this Channel. Perform this test once and record the measurement result.



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

(9) Measurement of the aggregate duration of the Channel Closing Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: Dwell (0.4ms)= S (12000ms) / B (30000); where Dwell is the dwell time per spectrum analyzer sampling bin, S is the sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: C (ms)= N X Dwell (0.4 ms); where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.

3.4.3 Test Setup



3.4.4 Test Deviation

There is no deviation with the original standard.

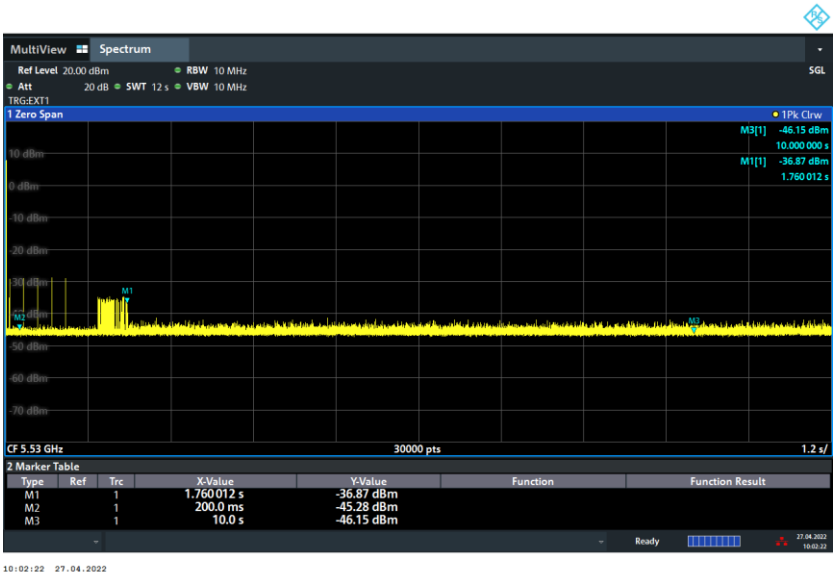
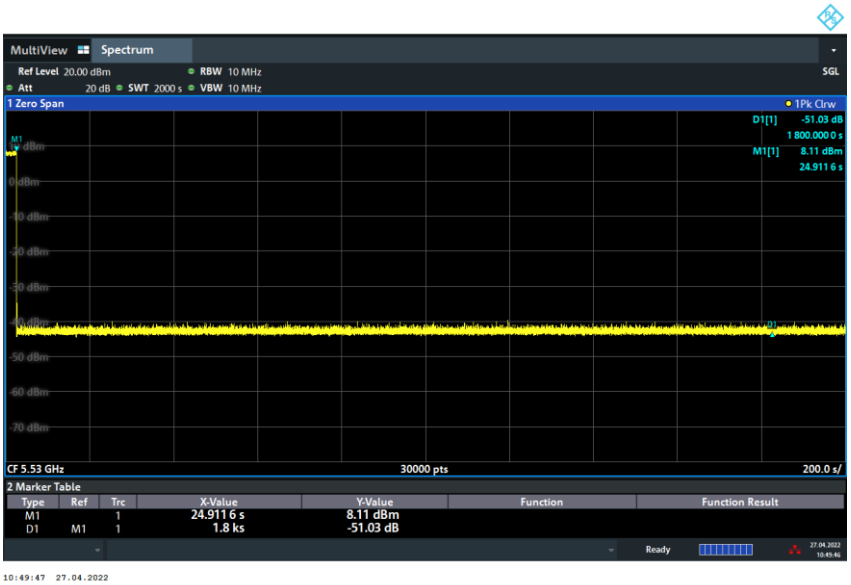
3.4.5 Result of Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period for Client Beacon Test

Test Mode :	Master	Temperature :	22~27℃
Test Engineer :	Rebecca Li	Relative Humidity :	49~54%

BW / Channel	Test Item	Test Result	Limit	Pass/Fail
<80MHz / 5530MHz>	Channel Move Time	**1.760012 s**	**＜ 10s**	**Pass**
	Channel Closing Transmission Time	**200ms + 36.4 ms**	**＜ 260ms**	**Pass**
	Non-Occupancy Period	**≥ 30**	**≥ 30 min**	**Pass**

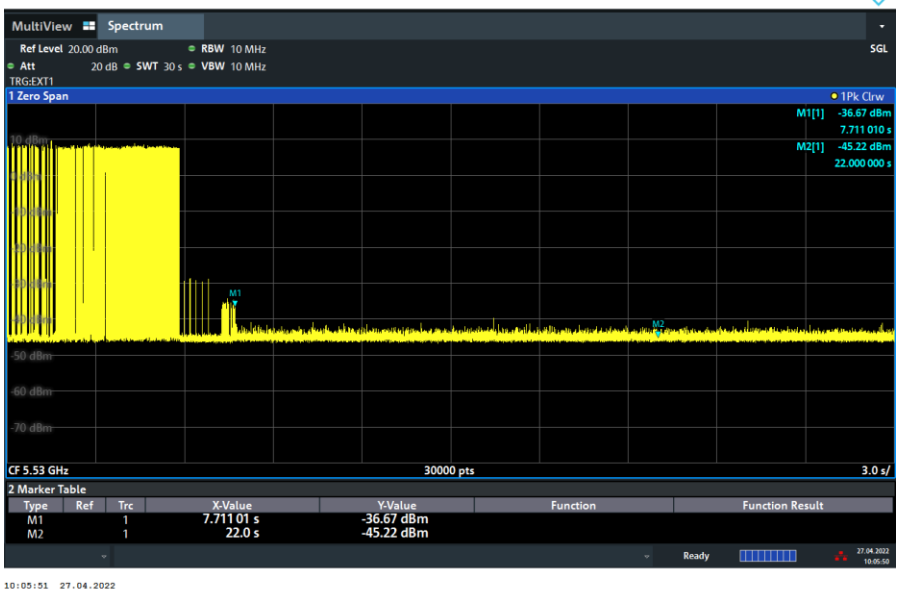
Note: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 seconds period. The aggregate duration of control signals will not count quiet periods in between transmissions.

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

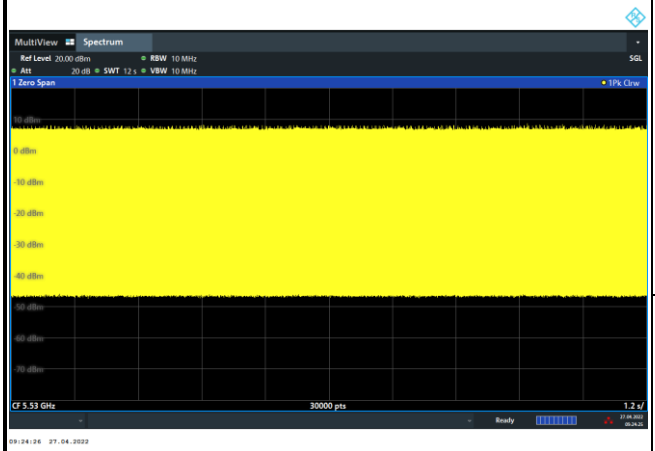
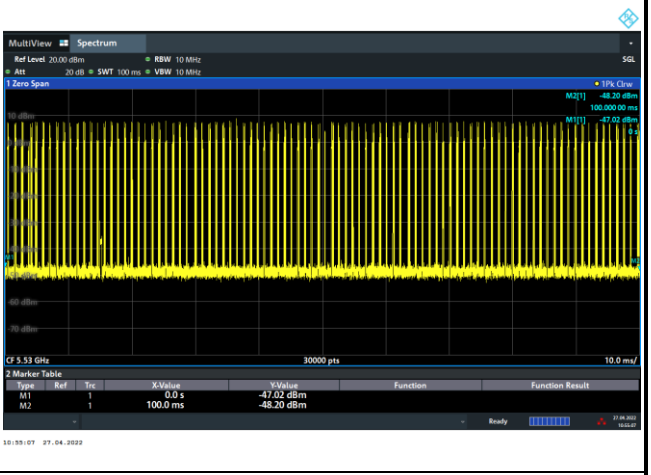
<80MHz / 5530MHz> In-Service Monitoring
Channel Move Time & Channel Closing Transmission Time

Non-Occupancy Period

Note: Dwell (0.4 ms)= Sweep Time (12000 ms) / Sweep Point Bins (30000) Channel Closing Transmission Time (200 + 36.4 ms) = 200 + Number (91) X Dwell (0.4 ms) < 260ms

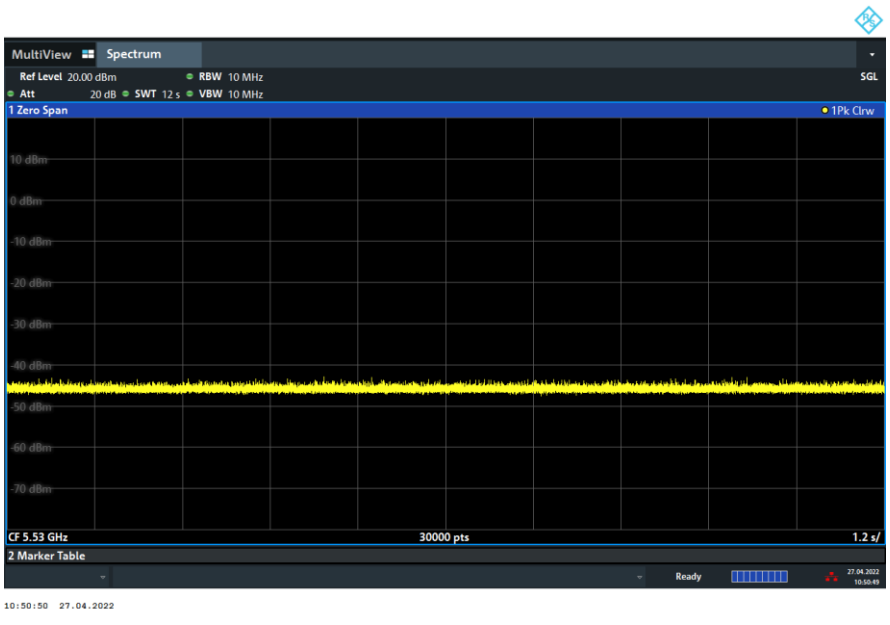
3.4.7 Long Pulsed Radar Type Channel Move Time Test Plots (22second)

<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

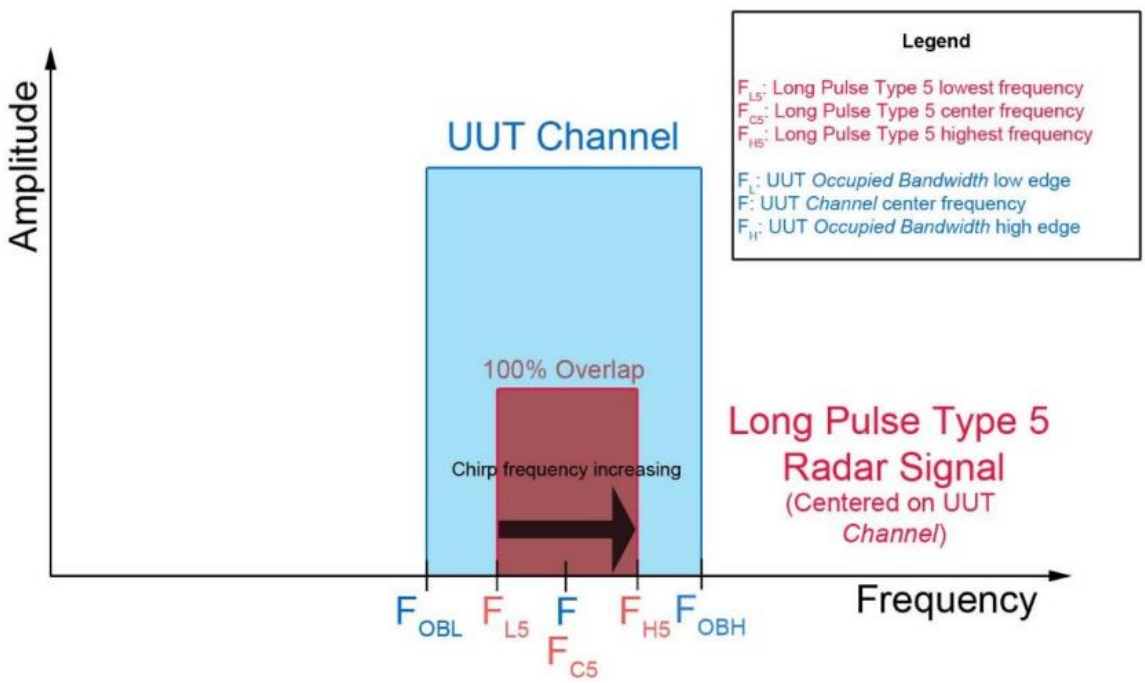
Radar Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Number of Pulses per *Burst*	Number of *Bursts*	Minimum Percentage of Successful Detection	Minimum Number of Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

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.

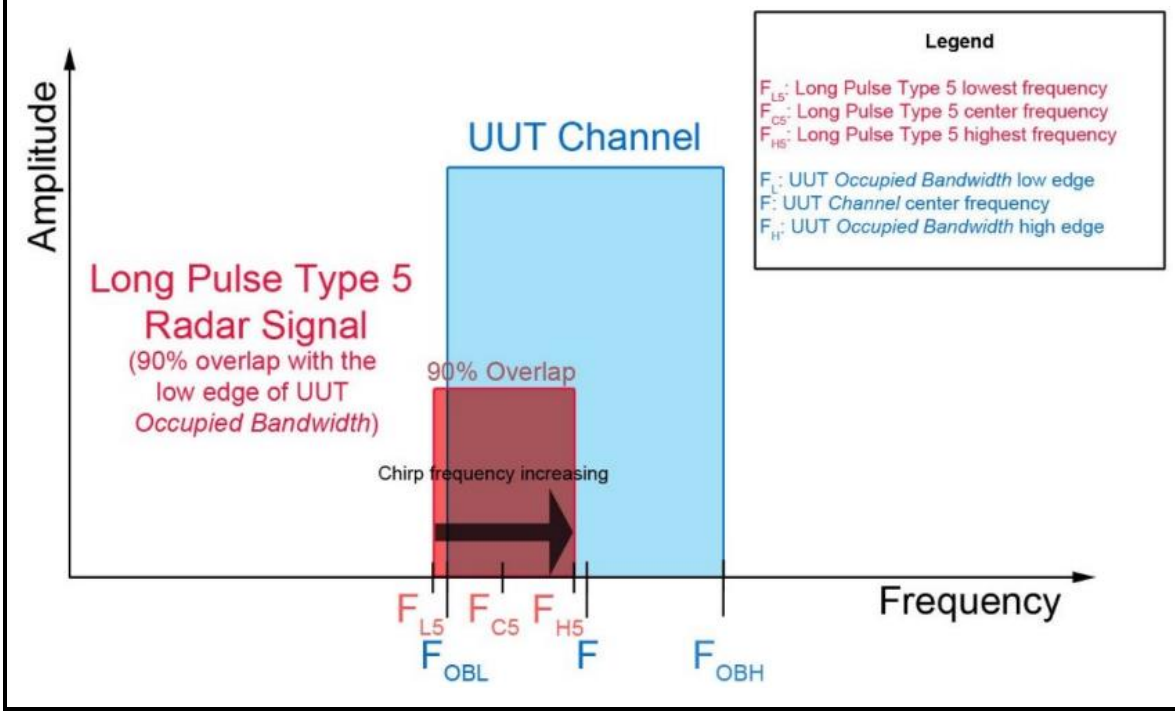
Three subsets of trials will be performed with a minimum of ten trials per subset.
The subset of trials differs in where the Long Pulse Type 5 Signal is tuned in frequency:
a) The Channel center frequency (subset case 1).
b) Tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation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

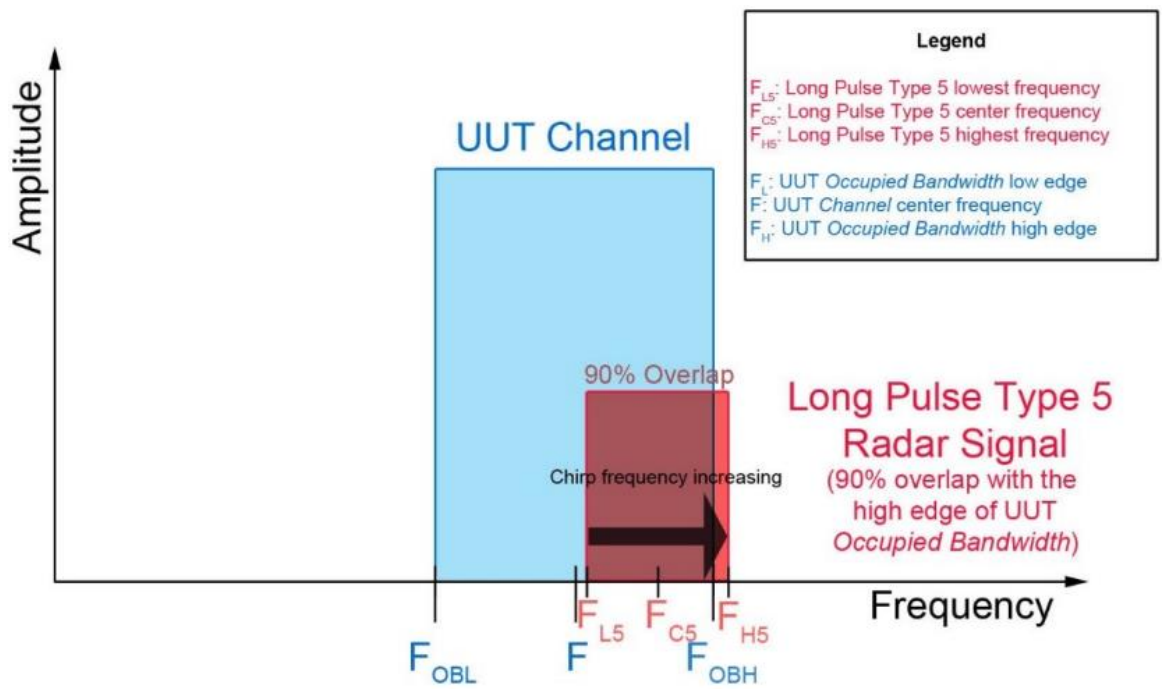
a) Channel center frequency (subset case 1)



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

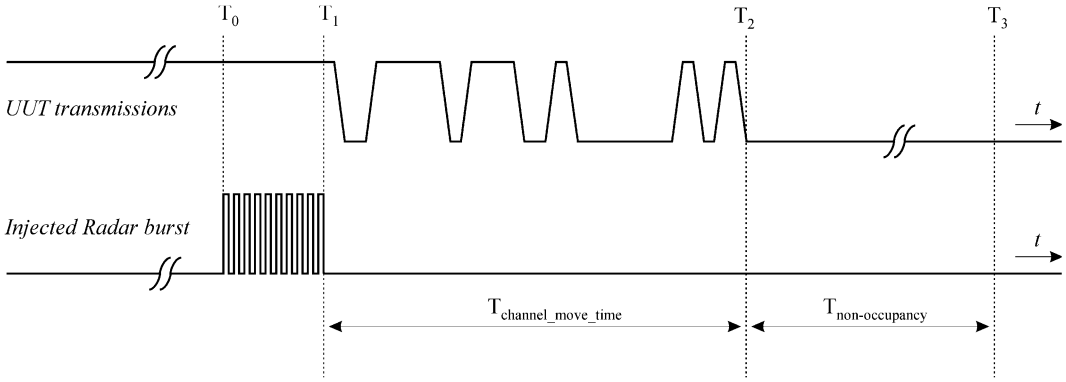
Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

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.

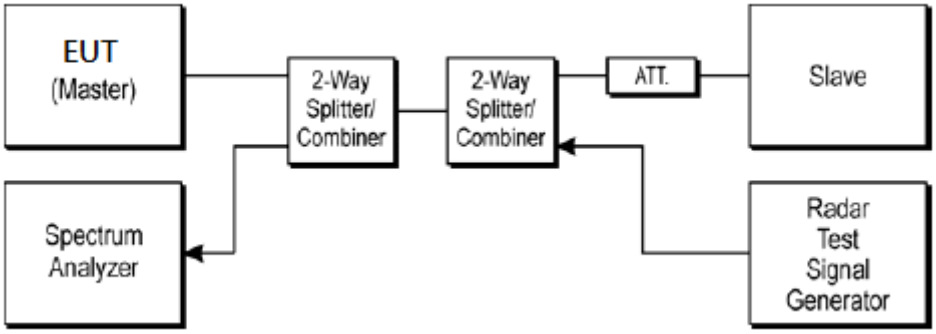
3.5.2 Test Procedures

(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.

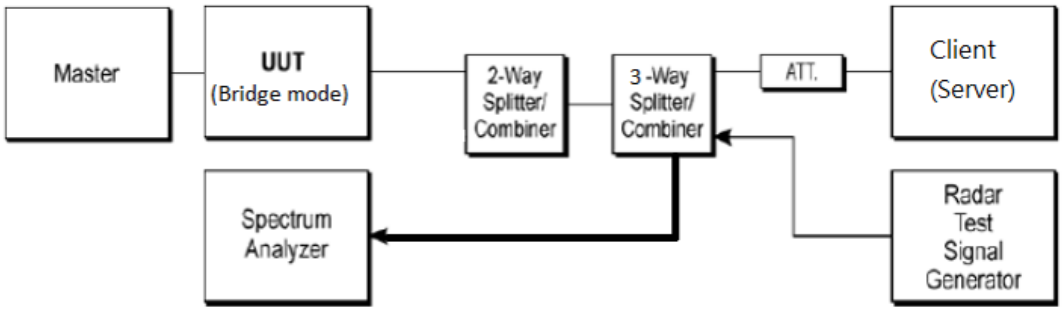


3.5.3 Test Setup

<Master Mode>



<Bridge Mode>



3.5.4 Test Deviation

There is no deviation with the original standard.

3.5.5 Result of Statistical Performance Check

<Master Mode>

<20MHz /5500MHz>

(Detection = Y, No Detection = N)						
Trial Number	**Type 1**	**Type 2**	**Type 3**	**Type 4**	**Type 5**	**Type 6**
1	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
2	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
3	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
4	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
5	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
6	**Y**	**N**	**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**	**N**	**Y**	**Y**	**Y**
11	**Y**	**Y**	**Y**	**Y**	**N**	**Y**
12	**Y**	**Y**	**Y**	**Y**	**N**	**Y**
13	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
14	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
15	**Y**	**Y**	**Y**	**Y**	**N**	**N**
16	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
17	**Y**	**Y**	**Y**	**Y**	**N**	**Y**
18	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
19	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
20	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
21	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
22	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
23	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
24	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
25	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
26	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
27	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
28	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
29	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
30	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
Trial of Detection	**30/30**	**29/30**	**29/30**	**28/30**	**26/30**	**29/30**
Probability (%)	**100%**	**96.67%**	**96.67%**	**93.33%**	**100%**	**96.67%**
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**	**N**	**Y**	**Y**	**Y**	**Y**
4	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
5	**Y**	**N**	**Y**	**Y**	**Y**	**Y**
6	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
7	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
8	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
9	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
10	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
11	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
12	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
13	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
14	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
15	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
16	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
17	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
18	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
19	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
20	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
21	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
22	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
23	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
24	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
25	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
26	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
27	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
28	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
29	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
30	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
Trial of Detection	**30/30**	**28/30**	**30/30**	**30/30**	**30/30**	**30/30**
Probability (%)	**100%**	**93.33%**	**100%**	**100%**	**100%**	**100%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**98.33%** (>=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**	**N**	**Y**
3	**Y**	**N**	**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**	**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**	**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**	**N**	**Y**	**Y**	**Y**
18	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
19	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
20	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
21	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
22	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
23	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
24	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
25	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
26	**N**	**Y**	**Y**	**Y**	**Y**	**Y**
27	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
28	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
29	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
30	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
Trial of Detection	**29/30**	**29/30**	**29/30**	**29/30**	**28/30**	**30/30**
Probability (%)	**96.67%**	**96.67%**	**96.67%**	**96.67%**	**93.33%**	**100%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**96.67%** (>=80%)			

<Bridge 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**	**N**
2	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
3	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
4	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
5	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
6	**Y**	**Y**	**Y**	**N**	**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**	**N**	**Y**
11	**Y**	**Y**	**Y**	**Y**	**N**	**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**	**N**	**N**
16	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
17	**Y**	**Y**	**Y**	**Y**	**N**	**Y**
18	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
19	**N**	**Y**	**Y**	**Y**	**Y**	**Y**
20	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
21	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
22	**N**	**N**	**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	**N**	**Y**	**Y**	**Y**	**Y**	**Y**
29	**Y**	**N**	**Y**	**Y**	**Y**	**Y**
30	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
Trial of Detection	**27/30**	**28/30**	**29/30**	**28/30**	**26/30**	**28/30**
Probability (%)	**90%**	**93.33%**	**96.67%**	**93.33%**	**86.67%**	**93.33%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**93.33%** (>=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**	**N**	**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**	**N**	**Y**	**Y**	**Y**	**Y**
9	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
10	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
11	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
12	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
13	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
14	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
15	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
16	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
17	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
18	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
19	**Y**	**N**	**Y**	**Y**	**Y**	**Y**
20	**N**	**Y**	**Y**	**Y**	**Y**	**Y**
21	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
22	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
23	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
24	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
25	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
26	**N**	**Y**	**Y**	**Y**	**Y**	**Y**
27	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
28	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
29	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
30	**Y**	**N**	**Y**	**Y**	**Y**	**Y**
Trial of Detection	**28/30**	**27/30**	**29/30**	**30/30**	**30/30**	**30/30**
Probability (%)	**93.33%**	**90%**	**96.67%**	**100%**	**100%**	**100%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**95%** (>=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**	**N**	**Y**	**Y**	**Y**
5	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
6	**Y**	**Y**	**N**	**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**	**N**	**Y**	**Y**	**Y**
13	**N**	**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**	**N**	**Y**	**Y**	**Y**	**Y**
18	**Y**	**Y**	**Y**	**N**	**Y**	**Y**
19	**N**	**Y**	**Y**	**Y**	**Y**	**Y**
20	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
21	**Y**	**N**	**Y**	**N**	**Y**	**Y**
22	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
23	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
24	**N**	**Y**	**N**	**Y**	**Y**	**Y**
25	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
26	**Y**	**N**	**Y**	**Y**	**Y**	**Y**
27	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
28	**Y**	**Y**	**Y**	**Y**	**Y**	**Y**
29	**Y**	**N**	**Y**	**Y**	**Y**	**Y**
30	**N**	**Y**	**Y**	**N**	**Y**	**Y**
Trial of Detection	**26/30**	**26/30**	**26/30**	**27/30**	**30/30**	**30/30**
Probability (%)	**86.67%**	**86.67%**	**86.67%**	**90%**	**100%**	**100%**
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			**87.50%** (>=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	MY57280013	9kHz~6GHz	Mar. 04, 2022	Apr. 11, 2022~ Jul. 11, 2022	Mar. 03, 2023	DFS (DF02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV3044	101104	10Hz~44GHz	Feb. 16, 2022	Apr. 11, 2022~ Jul. 11, 2022	Feb. 15, 2023	DFS (DF02-HY)
Power Divider	Woken	2Way Divider	DCMB1KW7A1	0.5GHz-18GHz	Calibration from System	Apr. 11, 2022~ Jul. 11, 2022	Calibration from System	DFS (DF02-HY)
Power Divider	MCLI	SMA 4Way Power Divider	25142	0.5-6GHz	Calibration from System	Apr. 11, 2022~ Jul. 11, 2022	Calibration from System	DFS (DF02-HY)
Power Divider	Woken	3Way SMA Power Divder Rated to 20W	STI08-0010(#2)	2GHz-8GHz	Calibration from System	Apr. 11, 2022~ Jul. 11, 2022	Calibration from System	DFS (DF02-HY)
RF Cable	MVE	SPF141	MVE-150cm-01	30 kHz~18GHz	Calibration from System	Apr. 11, 2022~ Jul. 11, 2022	Calibration from System	DFS (DF02-HY)
RF Cable	MVE	SPF141	MVE-150cm-03	30 kHz~18GHz	Calibration from System	Apr. 11, 2022~ Jul. 11, 2022	Calibration from System	DFS (DF02-HY)
RF Cable	MVE	SPF141	MVE-150cm-04	30 kHz~18GHz	Calibration from System	Apr. 11, 2022~ Jul. 11, 2022	Calibration from System	DFS (DF02-HY)
RF Cable	EST	SLF405_100cm	#7	30 kHz~18GHz	Calibration from System	Apr. 11, 2022~ Jul. 11, 2022	Calibration from System	DFS (DF02-HY)
RF Cable	EST	SLF405_100cm	#8	30 kHz~18GHz	Calibration from System	Apr. 11, 2022~ Jul. 11, 2022	Calibration from System	DFS (DF02-HY)
RF Cable	EST	SLF405_100cm	#9	30 kHz~18GHz	Calibration from System	Apr. 11, 2022~ Jul. 11, 2022	Calibration from System	DFS (DF02-HY)
RF Cable	EST	SLF405_100cm	#10	30 kHz~18GHz	Calibration from System	Apr. 11, 2022~ Jul. 11, 2022	Calibration from System	DFS (DF02-HY)
RF Cable	EST	SLF405_100cm	#11	30 kHz~18GHz	Calibration from System	Apr. 11, 2022~ Jul. 11, 2022	Calibration from System	DFS (DF02-HY)
RF Cable	Woken	S05(100cm)	161202-04	30 kHz~18GHz	Calibration from System	Apr. 11, 2022~ Jul. 11, 2022	Calibration from System	DFS (DF02-HY)
RF Cable	Woken	S05(100cm)	161202-05	30 kHz~18GHz	Calibration from System	Apr. 11, 2022~ Jul. 11, 2022	Calibration from System	DFS (DF02-HY)

Appendix A. Radar Parameters

<Master Mode>

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	10	1432.66	698	Yes
2	17	1193.32	838	Yes
3	1	1930.50	518	Yes
4	15	1253.13	798	Yes
5	3	1792.11	558	Yes
6	9	1474.93	678	Yes
7	12	1355.01	738	Yes
8	11	1392.76	718	Yes
9	6	1618.12	618	Yes
10	18	1165.50	858	Yes
11	22	1066.10	938	Yes
12	7	1567.40	638	Yes
13	21	1089.32	918	Yes
14	8	1519.76	658	Yes
15	20	1113.59	898	Yes
16		394.17	2537	Yes
17		712.76	1403	Yes
18		466.64	2143	Yes
19		331.13	3020	Yes
20		422.65	2366	Yes
21		466.85	2142	Yes
22		815.00	1227	Yes
23		1216.55	822	Yes
24		843.88	1185	Yes
25		922.51	1084	Yes
26		455.17	2197	Yes
27		547.65	1826	Yes
28		329.92	3031	Yes
29		346.14	2889	Yes
30		791.14	1264	Yes

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	24	1.60	168	Yes
2	23	1.50	223	Yes
3	24	1.60	167	Yes
4	26	3.30	157	Yes
5	27	3.50	173	Yes
6	23	1.40	203	No
7	23	1.10	196	Yes
8	27	3.30	229	Yes
9	26	2.90	182	Yes
10	27	3.80	156	Yes
11	29	4.90	216	Yes
12	28	3.90	161	Yes
13	23	1.00	207	Yes
14	29	5.00	190	Yes
15	28	4.40	193	Yes
16	24	2.10	170	Yes
17	24	2.10	186	Yes
18	24	2.10	204	Yes
19	28	4.00	213	Yes
20	29	4.80	180	Yes
21	29	4.80	160	Yes
22	29	4.90	169	Yes
23	29	5.00	185	Yes
24	25	2.30	162	Yes
25	28	4.20	205	Yes
26	25	2.30	214	Yes
27	27	3.70	174	Yes
28	23	1.30	201	Yes
29	26	3.10	177	Yes
30	24	1.90	218	Yes

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	16	6.60	298	Yes
2	16	6.50	360	Yes
3	16	6.60	422	Yes
4	17	8.30	301	Yes
5	17	8.50	419	Yes
6	16	6.40	349	Yes
7	16	6.10	423	Yes
8	17	8.30	493	Yes
9	17	7.90	396	Yes
10	18	8.80	275	No
11	18	9.90	282	Yes
12	18	8.90	238	Yes
13	16	6.00	250	Yes
14	18	10.00	332	Yes
15	18	9.40	289	Yes
16	16	7.10	312	Yes
17	16	7.10	370	Yes
18	16	7.10	258	Yes
19	18	9.00	389	Yes
20	18	9.80	292	Yes
21	18	9.80	244	Yes
22	18	9.90	288	Yes
23	18	10.00	340	Yes
24	17	7.30	445	Yes
25	18	9.20	428	Yes
26	17	7.30	421	Yes
27	18	8.70	435	Yes
28	16	6.30	273	Yes
29	17	8.10	363	Yes
30	16	6.90	296	Yes

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	12	12.30	298	Yes
2	12	12.20	360	Yes
3	12	12.50	422	Yes
4	14	16.10	301	Yes
5	15	16.50	419	Yes
6	12	12.00	349	Yes
7	12	11.40	423	No
8	14	16.20	493	Yes
9	14	15.30	396	Yes
10	15	17.40	275	Yes
11	16	19.70	282	Yes
12	15	17.60	238	Yes
13	12	11.10	250	Yes
14	16	19.90	332	Yes
15	16	18.70	289	Yes
16	13	13.50	312	Yes
17	13	13.50	370	Yes
18	13	13.50	258	Yes
19	15	17.70	389	Yes
20	16	19.50	292	Yes
21	16	19.60	244	Yes
22	16	19.80	288	Yes
23	16	19.90	340	Yes
24	13	14.00	445	Yes
25	16	18.30	428	Yes
26	13	14.00	421	Yes
27	15	17.10	435	Yes
28	12	11.80	273	No
29	14	15.70	363	Yes
30	13	13.20	296	Yes

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

Trial Number:			1			Detection
Number of Bursts in Trial:			9			(Yes/No)
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	57.6	7	-	-	527024
2	1	57	7	-	-	850034
3	1	58.3	7	-	-	1173488
4	2	78.4	7	1869	-	164134
5	2	80.6	7	1301	-	487021
6	1	55.8	7	-	-	810230
7	1	52.3	7	-	-	1133566
8	2	79	7	1144	-	124492
9	2	74	7	1566	-	446938
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Trial Number:			2			Detection
Number of Bursts in Trial:			9			(Yes/No)
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	85.2	7	1405	1169	769042
2	3	98.1	7	1638	1830	1090625
3	3	86.5	7	1647	1708	84579
4	1	50.8	7	-	-	407901
5	3	99.4	7	1342	1997	728785
6	3	92.5	7	1907	1077	1051691
7	1	63.8	7	-	-	45026
8	1	64.1	7	-	-	368019
9	1	63.9	7	-	-	691057
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	87.3	7	1153	1981	909884
2	3	96.8	7	1632	1259	4698
3	3	97.6	7	1750	1932	294585
4	3	98.7	7	1993	1571	584538
5	3	99.2	7	1106	1137	875214
6	2	66.9	7	1519	-	1166326
7	3	90.2	7	1038	1892	258909
8	2	67	7	1943	-	549445
9	3	83.8	7	1767	1543	838640
10	1	54.5	7	-	-	1131528
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Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	76	14	1242	-	148789
2	1	62.1	14	-	-	342859
3	3	84.5	14	1251	1089	534581
4	3	83.9	14	1452	1971	726860
5	1	65.4	14	-	-	125236
6	3	84.4	14	1563	1315	317778
7	1	55.4	14	-	-	512636
8	2	68.5	14	1024	-	705080
9	3	84	14	1663	1249	100984
10	2	79.2	14	1262	-	294548
11	1	54.5	14	-	-	488924
12	2	82.3	14	1464	-	681455
13	3	85.8	14	1664	1617	77195
14	3	87.3	14	1160	1957	270159
15	2	72.4	14	1307	-	464255
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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:			15			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	65.6	14	-	-	658396
2	2	71.4	14	1044	-	53580
3	3	97.8	14	1904	1980	246039
4	3	90.7	14	1891	1666	438819
5	1	63.3	14	-	-	634887
6	3	90	14	1661	1126	29710
7	2	76.8	14	1226	-	223193
8	2	82.7	14	1771	-	416455
9	3	88.7	14	1569	1985	608298
10	2	71.9	14	1791	-	5952
11	1	66.1	14	-	-	199624
12	3	96.3	14	1727	1293	391630
13	1	59	14	-	-	587269
14	1	57.9	14	-	-	780316
15	3	91.5	14	1245	1261	175281
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Trial Number:			6			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	3	88.3	6	1195	1529	614692
2	1	63.6	6	-	-	938892
3	2	72	6	1598	-	1260835
4	3	97.9	6	1005	1051	253013
5	1	53	6	-	-	576423
6	1	61.9	6	-	-	899532
7	1	50.7	6	-	-	1221996
8	1	64.1	6	-	-	213547
9	2	71.1	6	1936	-	535980
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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	66.5	5	-	-	966922
2	3	93.9	5	1604	1657	1327552
3	2	73.9	5	1961	-	195277
4	2	79.9	5	1207	-	558523
5	3	84.9	5	1048	1590	920999
6	1	59.4	5	-	-	1285990
7	1	54.9	5	-	-	150794
8	1	60.9	5	-	-	514063
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	60.2	14	-	-	467575
2	2	76.3	14	1019	-	660754
3	3	83.6	14	1174	1424	56327
4	3	95.5	14	1188	1931	249142
5	3	92.4	14	1531	1022	442641
6	2	76.3	14	1429	-	636423
7	2	70.5	14	1885	-	32580
8	1	64.6	14	-	-	226227
9	3	99.2	14	1523	1337	418252
10	2	79.5	14	1570	-	612409
11	3	95.9	14	1915	1170	8752
12	1	61.9	14	-	-	202436
13	3	99.3	14	1599	1721	394651
14	3	88.2	14	1289	1098	587662
15	3	96.5	14	1995	1274	779845
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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:			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	1	60.6	12	-	-	191267
2	3	92.5	12	1221	1678	397401
3	3	91	12	1908	1414	604126
4	3	90.9	12	1715	1940	810744
5	1	60.2	12	-	-	165847
6	3	88	12	1585	1925	371987
7	3	84.2	12	1507	1327	578642
8	1	60.5	12	-	-	788468
9	1	64.9	12	-	-	140234
10	1	57.2	12	-	-	347642
11	2	76.7	12	1042	-	554463
12	2	74.2	12	1496	-	761629
13	2	69.4	12	1748	-	114503
14	1	66	12	-	-	322127
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	96.9	16	1762	1155	434180
2	3	97.8	16	1015	1897	604637
3	2	79.3	16	1893	-	73185
4	2	66.9	16	1902	-	243388
5	1	55.1	16	-	-	414768
6	3	86	16	1020	1655	583667
7	2	82.8	16	1945	-	52211
8	2	74.3	16	1878	-	222464
9	3	96	16	1928	1866	391674
10	3	96	16	1572	1445	562749
11	3	87.4	16	1610	1178	31166
12	1	51.5	16	-	-	202217
13	2	83.2	16	1277	-	372490
14	1	53.9	16	-	-	543797
15	2	82.4	16	1018	-	10225
16	1	54.9	16	-	-	181124
17	1	52.1	16	-	-	351669
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			11			Detection
Number of Bursts in Trial:			17			(Yes/No)
Chirp Center Frequency:			5497			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	73.7	16	1497	-	209249
2	3	97.4	16	1754	1613	378386
3	3	91.7	16	1702	1462	548411
4	1	66.2	16	-	-	17733
5	2	70.8	16	1821	-	187952
6	1	52.3	16	-	-	359277
7	2	78.9	16	1984	-	528886
8	2	70.9	16	1358	-	700166
9	2	75.6	16	1430	-	167197
10	1	59.1	16	-	-	338262
11	2	77	16	1304	-	508324
12	2	67.9	16	1083	-	678689
13	2	81.2	16	1932	-	146031
14	2	78.7	16	1121	-	316923
15	1	63.3	16	-	-	488056
16	2	68.9	16	1423	-	657326
17	1	59.3	16	-	-	125509
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19						
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Trial Number:			12			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5498			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	98.9	19	1680	1488	263736
2	2	82.3	19	1855	-	416459
3	3	86.7	19	1400	1919	567902
4	3	89.7	19	1068	1282	92979
5	3	98.6	19	1194	1461	245155
6	2	71.1	19	1789	-	397609
7	1	55.9	19	-	-	551431
8	2	67.9	19	1372	-	74413
9	3	84.4	19	1107	1443	226559
10	1	58.8	19	-	-	380056
11	1	65.6	19	-	-	533408
12	2	78.5	19	1704	-	55547
13	2	82.3	19	1686	-	207876
14	3	90.1	19	1071	1266	359771
15	3	90.2	19	1089	1950	511297
16	2	83.1	19	1406	-	36803
17	1	58.8	19	-	-	189652
18	2	77	19	1657	-	341809
19	1	55	19	-	-	495737
20						

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

Trial Number:			13			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	58.1	13	-	-	22911
2	1	52.1	13	-	-	216473
3	1	59.9	13	-	-	410004
4	1	60.2	13	-	-	603671
5	3	95.9	13	1906	1608	794160
6	2	79.9	13	1859	-	192251
7	2	78.5	13	1917	-	385590
8	1	53.8	13	-	-	579862
9	1	64.7	13	-	-	773423
10	1	61.4	13	-	-	168898
11	2	83.2	13	1858	-	361606
12	3	84.7	13	1677	1638	553866
13	3	88.7	13	1528	1058	747241
14	2	78.3	13	1951	-	144710
15	2	69.3	13	1717	-	337856
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5495			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	75.3	10	1612	-	664275
2	1	56.3	10	-	-	907886
3	2	67.7	10	1185	-	151316
4	1	55.6	10	-	-	393746
5	2	75.2	10	1267	-	635093
6	2	76.3	10	1305	-	876993
7	3	85.7	10	1362	1924	121278
8	3	98.4	10	1550	1249	362696
9	3	86.4	10	1439	1046	604342
10	3	93.6	10	1031	1452	846453
11	1	63.3	10	-	-	91871
12	3	92.4	10	1673	1322	333050
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			15			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5498			No
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	93.3	18	1912	1535	361323
2	2	69.1	18	1794	-	515261
3	3	86.9	18	1152	1148	39025
4	3	84.9	18	1948	1118	190900
5	2	72.3	18	1916	-	343941
6	1	51.7	18	-	-	497624
7	1	58.3	18	-	-	20319
8	1	60.8	18	-	-	172999
9	1	57.1	18	-	-	325872
10	3	88.9	18	1964	1489	475841
11	2	72	18	1297	-	1489
12	3	90.9	18	1566	1370	153647
13	1	59.8	18	-	-	307096
14	2	70	18	1291	-	458804
15	2	67.2	18	1881	-	610798
16	3	91.2	18	1832	1661	134759
17	1	56.5	18	-	-	288306
18	1	51.2	18	-	-	441296
19	2	74.1	18	1245	-	592780
20						

Trial Number:			16			Detection
Number of Bursts in Trial:			14			(Yes/No)
Chirp Center Frequency:			5496			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	76.9	12	1140	-	158286
2	1	50.2	12	-	-	366024
3	1	62.9	12	-	-	573452
4	1	64.7	12	-	-	780619
5	3	83.8	12	1097	1621	132455
6	1	65.4	12	-	-	340207
7	1	53.2	12	-	-	548208
8	1	51.7	12	-	-	755333
9	2	78.7	12	1168	-	107117
10	2	72.4	12	1343	-	314500
11	1	53.8	12	-	-	522447
12	2	73.6	12	1553	-	728517
13	2	66.7	12	1122	-	81611
14	2	82.5	12	1019	-	288948
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			17			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5499			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	87.6	20	1055	1840	345766
2	3	85.2	20	1541	1408	490019
3	3	84.8	20	1889	1463	39073
4	2	77.9	20	1460	-	183923
5	2	76.5	20	1485	-	328777
6	1	60.9	20	-	-	474728
7	2	83	20	1010	-	21394
8	2	80.4	20	1752	-	165992
9	2	67.5	20	1181	-	310973
10	1	62.1	20	-	-	456884
11	3	86.4	20	1966	1263	3515
12	3	84.3	20	1188	1788	147928
13	2	76.9	20	1537	-	293225
14	3	95.8	20	1298	1844	436922
15	1	55.2	20	-	-	584015
16	1	59	20	-	-	130832
17	3	94.5	20	1700	1283	274684
18	3	91.9	20	1978	1165	418579
19	3	85.2	20	1551	1189	563464
20	2	69.5	20	1224	-	112787

Trial Number:			18			Detection
Number of Bursts in Trial:			12			(Yes/No)
Chirp Center Frequency:			5495			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	86.4	10	1918	1455	429224
2	3	92.2	10	1719	1895	670241
3	2	80.4	10	1899	-	912880
4	1	54.3	10	-	-	158603
5	1	53.1	10	-	-	400824
6	2	69.4	10	1546	-	641915
7	2	69.1	10	1639	-	883823
8	3	100	10	1438	1595	128373
9	2	79.6	10	1705	-	370379
10	3	88.4	10	1579	1623	611194
11	1	53.3	10	-	-	855665
12	1	65.3	10	-	-	98897
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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:			14			
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	55.3	12	-	-	292143
2	1	58.3	12	-	-	499633
3	2	72.3	12	1039	-	706377
4	3	84.8	12	1761	1721	58989
5	2	82.5	12	1431	-	266161
6	1	63.3	12	-	-	474469
7	2	80	12	1913	-	680544
8	3	90.3	12	1853	1123	33519
9	3	91.1	12	1783	1172	240319
10	3	96.6	12	1036	1385	447400
11	2	82.7	12	1990	-	654516
12	1	50.7	12	-	-	8083
13	2	78.4	12	1109	-	215435
14	3	99.5	12	1965	1869	421325
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Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	3	88.6	10	1067	1927	733725
2	1	57.4	10	-	-	977882
3	3	96.6	10	1658	1324	221197
4	2	69.7	10	1945	-	462915
5	2	77.9	10	1317	-	705071
6	1	62	10	-	-	947923
7	3	88.4	10	1077	1366	191373
8	3	97.3	10	1896	1367	432561
9	3	96.2	10	1787	1672	674004
10	3	95.4	10	1892	1414	915842
11	1	54.8	10	-	-	162176
12	2	80.4	10	1436	-	403553
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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:			20			
Chirp Center Frequency:			5501			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	69.2	20	1913	-	54893
2	1	59.9	20	-	-	200282
3	3	89.2	20	1002	1330	344293
4	3	85.7	20	1900	1165	488325
5	3	92.4	20	1797	1348	36985
6	2	81	20	1053	-	181977
7	2	68.3	20	1558	-	326750
8	3	84.9	20	1365	1003	470828
9	3	99.8	20	1889	1686	19185
10	2	72.6	20	1763	-	164022
11	3	98	20	1984	1528	307743
12	2	67.7	20	1448	-	453470
13	1	55.8	20	-	-	1408
14	2	69.7	20	1816	-	146120
15	1	62.8	20	-	-	291923
16	3	87.7	20	1109	1587	435122
17	3	88.7	20	1846	1852	578720
18	1	57.3	20	-	-	128770
19	3	91.1	20	1621	1628	272255
20	1	66.4	20	-	-	418664

Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5501			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	97.5	20	1827	1371	561314
2	1	55.6	20	-	-	110888
3	3	98.1	20	1820	1561	254458
4	2	71.9	20	1357	-	400006
5	2	72.2	20	1535	-	544737
6	1	50.9	20	-	-	92988
7	3	89.2	20	1235	1963	236930
8	3	91.1	20	1199	1713	381379
9	1	57.2	20	-	-	528025
10	1	52.2	20	-	-	74993
11	1	60.7	20	-	-	220167
12	2	78	20	1921	-	364352
13	2	82	20	1466	-	509449
14	2	81.3	20	1362	-	57019
15	3	98.2	20	1201	1960	201304
16	2	73.7	20	1978	-	346351
17	2	75.1	20	1168	-	491360
18	1	59.7	20	-	-	39259
19	3	96.9	20	1335	1266	183629
20	1	55.7	20	-	-	329701

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

Trial Number:			23			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5501			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	63.3	20	-	-	474500
2	3	84.9	20	1687	1187	21292
3	1	54.8	20	-	-	166656
4	1	66.4	20	-	-	311504
5	1	65.5	20	-	-	456951
6	3	93.8	20	1446	1296	3510
7	2	79.9	20	1228	-	148405
8	2	81.8	20	1881	-	293133
9	1	66.4	20	-	-	439329
10	2	79.1	20	1871	-	582285
11	2	82.2	20	1320	-	130449
12	3	91.9	20	1977	1316	274559
13	2	67.4	20	1588	-	420036
14	3	99.6	20	1946	1025	563036
15	3	99.5	20	1639	1644	112322
16	1	63.6	20	-	-	258022
17	1	61.8	20	-	-	403513
18	2	67.3	20	1000	-	547304
19	1	63.5	20	-	-	94981
20	3	91.4	20	1787	1010	239011

Trial Number:			24			Detection
Number of Bursts in Trial:			12			(Yes/No)
Chirp Center Frequency:			5505			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91.9	10	1731	1317	640674
2	2	77.3	10	1809	-	883250
3	2	77.6	10	1581	-	128585
4	3	97.6	10	1326	1603	369722
5	1	61.9	10	-	-	612812
6	2	69.9	10	1303	-	854106
7	3	85.7	10	1964	1825	98514
8	2	74.5	10	1948	-	340363
9	2	71.5	10	1488	-	582619
10	3	89.1	10	1065	1463	823119
11	1	62.5	10	-	-	69056
12	2	78.9	10	1485	-	310728
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			25			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5502			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	60.4	17	-	-	368627
2	3	85.4	17	1705	1456	527190
3	1	53.1	17	-	-	26127
4	1	62.5	17	-	-	187356
5	1	50.7	17	-	-	348650
6	2	81.7	17	1243	-	509526
7	1	56.3	17	-	-	6269
8	2	78.4	17	1580	-	167292
9	2	71.1	17	1493	-	328420
10	1	57.3	17	-	-	490082
11	2	74.7	17	1476	-	650539
12	2	78.2	17	1418	-	147321
13	2	70	17	1157	-	308676
14	2	68.8	17	1420	-	469539
15	1	60.6	17	-	-	631579
16	2	82.5	17	1737	-	127570
17	2	81.9	17	1391	-	288392
18	3	84.6	17	1134	1268	448930
19						
20						

Trial Number:			26			Detection
Number of Bursts in Trial:			12			(Yes/No)
Chirp Center Frequency:			5505			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	61.9	10	-	-	918232
2	1	57.7	10	-	-	162052
3	3	96.3	10	1247	1459	403079
4	1	55.4	10	-	-	646438
5	1	63.8	10	-	-	888923
6	3	86.1	10	1372	1682	131871
7	1	57.2	10	-	-	374263
8	1	57.3	10	-	-	616580
9	1	54.4	10	-	-	859072
10	3	95.7	10	1858	1803	102026
11	1	58.1	10	-	-	344487
12	1	55.3	10	-	-	586709
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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:			16			
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	1	60.2	15	-	-	620994
2	2	77.3	15	1761	-	54271
3	1	66.5	15	-	-	235974
4	1	53.3	15	-	-	417684
5	2	81.4	15	1396	-	597541
6	2	82	15	1444	-	31979
7	3	96.5	15	1225	1447	212833
8	3	87	15	1389	1278	393803
9	1	62.8	15	-	-	576759
10	2	80.2	15	1234	-	9680
11	1	61	15	-	-	191227
12	3	85.1	15	1236	1996	371009
13	2	70.3	15	1470	-	552880
14	3	84.5	15	1176	1482	733311
15	1	52.5	15	-	-	168977
16	3	99.5	15	1125	1061	349175
17						
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			9			
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	77.6	6	1648	-	945085
2	3	93.1	6	1756	1363	1266719
3	1	59.2	6	-	-	260747
4	1	53.2	6	-	-	583640
5	3	92.7	6	1244	1591	905095
6	3	87	6	1801	1833	1226376
7	2	77.2	6	1631	-	220704
8	1	54.8	6	-	-	543817
9	2	82.7	6	1314	-	866348
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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:			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	55	13	-	-	764822
2	2	71.5	13	1711	-	116186
3	2	67.1	13	1246	-	323494
4	1	55.2	13	-	-	531231
5	3	93.5	13	1016	1162	737020
6	2	77.2	13	1093	-	90730
7	1	60.7	13	-	-	298371
8	2	70.3	13	1736	-	505033
9	1	65.7	13	-	-	713746
10	3	97.2	13	1183	1522	65009
11	3	97.4	13	1676	1054	271913
12	1	61.6	13	-	-	480163
13	2	66.7	13	1828	-	686507
14	3	87.5	13	1951	1325	39505
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Trial Number:			30			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	78.6	8	1477	-	314210
2	3	86	8	1489	1130	577748
3	3	94.9	8	1369	1131	841320
4	2	71.7	8	1652	-	17952
5	2	81.8	8	1029	-	281933
6	3	96.8	8	1872	1092	544914
7	1	61.1	8	-	-	810289
8	3	85.2	8	1849	1712	1071215
9	2	79.4	8	1970	-	249291
10	3	83.5	8	1229	1211	512939
11	1	57.7	8	-	-	777872
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DFS Radar Parameters
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	10	1432.66	698	Yes
2	17	1193.32	838	Yes
3	1	1930.50	518	Yes
4	15	1253.13	798	Yes
5	3	1792.11	558	Yes
6	9	1474.93	678	Yes
7	12	1355.01	738	Yes
8	11	1392.76	718	Yes
9	6	1618.12	618	Yes
10	18	1165.50	858	Yes
11	22	1066.10	938	Yes
12	7	1567.40	638	Yes
13	21	1089.32	918	Yes
14	8	1519.76	658	Yes
15	20	1113.59	898	Yes
16		394.17	2537	Yes
17		712.76	1403	Yes
18		466.64	2143	Yes
19		331.13	3020	Yes
20		422.65	2366	Yes
21		466.85	2142	Yes
22		815.00	1227	Yes
23		1216.55	822	Yes
24		843.88	1185	Yes
25		922.51	1084	Yes
26		455.17	2197	Yes
27		547.65	1826	Yes
28		329.92	3031	Yes
29		346.14	2889	Yes
30		791.14	1264	Yes

DFS Radar Parameters
Radar Type 2
Channel 102 Bandwidth 40MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	24	1.60	168	Yes
2	23	1.50	223	Yes
3	24	1.60	167	No
4	26	3.30	157	Yes
5	27	3.50	173	No
6	23	1.40	203	Yes
7	23	1.10	196	Yes
8	27	3.30	229	Yes
9	26	2.90	182	Yes
10	27	3.80	156	Yes
11	29	4.90	216	Yes
12	28	3.90	161	Yes
13	23	1.00	207	Yes
14	29	5.00	190	Yes
15	28	4.40	193	Yes
16	24	2.10	170	Yes
17	24	2.10	186	Yes
18	24	2.10	204	Yes
19	28	4.00	213	Yes
20	29	4.80	180	Yes
21	29	4.80	160	Yes
22	29	4.90	169	Yes
23	29	5.00	185	Yes
24	25	2.30	162	Yes
25	28	4.20	205	Yes
26	25	2.30	214	Yes
27	27	3.70	174	Yes
28	23	1.30	201	Yes
29	26	3.10	177	Yes
30	24	1.90	218	Yes

DFS Radar Parameters
Radar Type 3
Channel 102 Bandwidth 40MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	16	6.60	298	Yes
2	16	6.50	360	Yes
3	16	6.60	422	Yes
4	17	8.30	301	Yes
5	17	8.50	419	Yes
6	16	6.40	349	Yes
7	16	6.10	423	Yes
8	17	8.30	493	Yes
9	17	7.90	396	Yes
10	18	8.80	275	Yes
11	18	9.90	282	Yes
12	18	8.90	238	Yes
13	16	6.00	250	Yes
14	18	10.00	332	Yes
15	18	9.40	289	Yes
16	16	7.10	312	Yes
17	16	7.10	370	Yes
18	16	7.10	258	Yes
19	18	9.00	389	Yes
20	18	9.80	292	Yes
21	18	9.80	244	Yes
22	18	9.90	288	Yes
23	18	10.00	340	Yes
24	17	7.30	445	Yes
25	18	9.20	428	Yes
26	17	7.30	421	Yes
27	18	8.70	435	Yes
28	16	6.30	273	Yes
29	17	8.10	363	Yes
30	16	6.90	296	Yes

DFS Radar Parameters
Radar Type 4
Channel 102 Bandwidth 40MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	12	12.30	298	Yes
2	12	12.20	360	Yes
3	12	12.50	422	Yes
4	14	16.10	301	Yes
5	15	16.50	419	Yes
6	12	12.00	349	Yes
7	12	11.40	423	Yes
8	14	16.20	493	Yes
9	14	15.30	396	Yes
10	15	17.40	275	Yes
11	16	19.70	282	Yes
12	15	17.60	238	Yes
13	12	11.10	250	Yes
14	16	19.90	332	Yes
15	16	18.70	289	Yes
16	13	13.50	312	Yes
17	13	13.50	370	Yes
18	13	13.50	258	Yes
19	15	17.70	389	Yes
20	16	19.50	292	Yes
21	16	19.60	244	Yes
22	16	19.80	288	Yes
23	16	19.90	340	Yes
24	13	14.00	445	Yes
25	16	18.30	428	Yes
26	13	14.00	421	Yes
27	15	17.10	435	Yes
28	12	11.80	273	Yes
29	14	15.70	363	Yes
30	13	13.20	296	Yes

DFS Radar Parameters
Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	57.6	7	-	-	527024
2	1	57	7	-	-	850034
3	1	58.3	7	-	-	1173488
4	2	78.4	7	1869	-	164134
5	2	80.6	7	1301	-	487021
6	1	55.8	7	-	-	810230
7	1	52.3	7	-	-	1133566
8	2	79	7	1144	-	124492
9	2	74	7	1566	-	446938
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	85.2	7	1405	1169	769042
2	3	98.1	7	1638	1830	1090625
3	3	86.5	7	1647	1708	84579
4	1	50.8	7	-	-	407901
5	3	99.4	7	1342	1997	728785
6	3	92.5	7	1907	1077	1051691
7	1	63.8	7	-	-	45026
8	1	64.1	7	-	-	368019
9	1	63.9	7	-	-	691057
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DFS Radar Parameters
Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	87.3	7	1153	1981	909884
2	3	96.8	7	1632	1259	4698
3	3	97.6	7	1750	1932	294585
4	3	98.7	7	1993	1571	584538
5	3	99.2	7	1106	1137	875214
6	2	66.9	7	1519	-	1166326
7	3	90.2	7	1038	1892	258909
8	2	67	7	1943	-	549445
9	3	83.8	7	1767	1543	838640
10	1	54.5	7	-	-	1131528
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Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	76	14	1242	-	148789
2	1	62.1	14	-	-	342859
3	3	84.5	14	1251	1089	534581
4	3	83.9	14	1452	1971	726860
5	1	65.4	14	-	-	125236
6	3	84.4	14	1563	1315	317778
7	1	55.4	14	-	-	512636
8	2	68.5	14	1024	-	705080
9	3	84	14	1663	1249	100984
10	2	79.2	14	1262	-	294548
11	1	54.5	14	-	-	488924
12	2	82.3	14	1464	-	681455
13	3	85.8	14	1664	1617	77195
14	3	87.3	14	1160	1957	270159
15	2	72.4	14	1307	-	464255
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DFS Radar Parameters
Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	65.6	14	-	-	658396
2	2	71.4	14	1044	-	53580
3	3	97.8	14	1904	1980	246039
4	3	90.7	14	1891	1666	438819
5	1	63.3	14	-	-	634887
6	3	90	14	1661	1126	29710
7	2	76.8	14	1226	-	223193
8	2	82.7	14	1771	-	416455
9	3	88.7	14	1569	1985	608298
10	2	71.9	14	1791	-	5952
11	1	66.1	14	-	-	199624
12	3	96.3	14	1727	1293	391630
13	1	59	14	-	-	587269
14	1	57.9	14	-	-	780316
15	3	91.5	14	1245	1261	175281
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Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	88.3	6	1195	1529	614692
2	1	63.6	6	-	-	938892
3	2	72	6	1598	-	1260835
4	3	97.9	6	1005	1051	253013
5	1	53	6	-	-	576423
6	1	61.9	6	-	-	899532
7	1	50.7	6	-	-	1221996
8	1	64.1	6	-	-	213547
9	2	71.1	6	1936	-	535980
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DFS Radar Parameters
Radar Type 5
Channel 102 Bandwidth 40MHz

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	66.5	5	-	-	966922
2	3	93.9	5	1604	1657	1327552
3	2	73.9	5	1961	-	195277
4	2	79.9	5	1207	-	558523
5	3	84.9	5	1048	1590	920999
6	1	59.4	5	-	-	1285990
7	1	54.9	5	-	-	150794
8	1	60.9	5	-	-	514063
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	60.2	14	-	-	467575
2	2	76.3	14	1019	-	660754
3	3	83.6	14	1174	1424	56327
4	3	95.5	14	1188	1931	249142
5	3	92.4	14	1531	1022	442641
6	2	76.3	14	1429	-	636423
7	2	70.5	14	1885	-	32580
8	1	64.6	14	-	-	226227
9	3	99.2	14	1523	1337	418252
10	2	79.5	14	1570	-	612409
11	3	95.9	14	1915	1170	8752
12	1	61.9	14	-	-	202436
13	3	99.3	14	1599	1721	394651
14	3	88.2	14	1289	1098	587662
15	3	96.5	14	1995	1274	779845
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DFS Radar Parameters
Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			9			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	1	60.6	12	-	-	191267
2	3	92.5	12	1221	1678	397401
3	3	91	12	1908	1414	604126
4	3	90.9	12	1715	1940	810744
5	1	60.2	12	-	-	165847
6	3	88	12	1585	1925	371987
7	3	84.2	12	1507	1327	578642
8	1	60.5	12	-	-	788468
9	1	64.9	12	-	-	140234
10	1	57.2	12	-	-	347642
11	2	76.7	12	1042	-	554463
12	2	74.2	12	1496	-	761629
13	2	69.4	12	1748	-	114503
14	1	66	12	-	-	322127
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	96.9	16	1762	1155	434180
2	3	97.8	16	1015	1897	604637
3	2	79.3	16	1893	-	73185
4	2	66.9	16	1902	-	243388
5	1	55.1	16	-	-	414768
6	3	86	16	1020	1655	583667
7	2	82.8	16	1945	-	52211
8	2	74.3	16	1878	-	222464
9	3	96	16	1928	1866	391674
10	3	96	16	1572	1445	562749
11	3	87.4	16	1610	1178	31166
12	1	51.5	16	-	-	202217
13	2	83.2	16	1277	-	372490
14	1	53.9	16	-	-	543797
15	2	82.4	16	1018	-	10225
16	1	54.9	16	-	-	181124
17	1	52.1	16	-	-	351669
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DFS Radar Parameters
Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			11			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	2	71.8	20	1778	-	442881
2	2	78.4	20	1684	-	587802
3	3	97.4	20	1728	1312	135280
4	1	63.3	20	-	-	281122
5	3	87.4	20	1775	1532	424239
6	3	94	20	1031	1549	569098
7	2	68.5	20	1088	-	117977
8	3	94.8	20	1991	1283	261827
9	2	73	20	1773	-	407518
10	2	76.1	20	1196	-	552180
11	1	65.7	20	-	-	100214
12	2	68.7	20	1643	-	244814
13	3	88.3	20	1843	1674	388372
14	1	65.7	20	-	-	535293
15	1	52.1	20	-	-	82387
16	1	51	20	-	-	227396
17	3	98.7	20	1719	1148	371075
18	1	52.2	20	-	-	517760
19	2	81.7	20	1582	-	64305
20	1	66.6	20	-	-	209529

Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	95	16	1471	1292	415953
2	3	94.2	16	1772	1468	585393
3	1	52.1	16	-	-	54801
4	1	63.7	16	-	-	225668
5	3	86.3	16	1671	1784	394663
6	3	96.6	16	1860	1442	564316
7	3	95.1	16	1275	1855	33642
8	1	53.5	16	-	-	204487
9	1	58.7	16	-	-	375313
10	1	54.7	16	-	-	546597
11	2	80.3	16	1427	-	12699
12	2	78.1	16	1127	-	183260
13	1	59.9	16	-	-	354442
14	1	55	16	-	-	525030
15	1	54.8	16	-	-	696248
16	3	95.9	16	1406	1421	161942
17	2	72.1	16	1838	-	332483
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DFS Radar Parameters
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Trial Number:			13			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	52.6	5	-	-	1072478
2	1	59.5	5	-	-	1436036
3	1	53.8	5	-	-	300917
4	1	60.8	5	-	-	664254
5	2	72.2	5	1817	-	1026303
6	2	82.2	5	1439	-	1389815
7	1	59.9	5	-	-	256155
8	2	67	5	1912	-	618813
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Trial Number:			14			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	55.6	20	-	-	392733
2	1	57.7	20	-	-	538110
3	2	80.2	20	1499	-	84213
4	3	85.3	20	1863	1788	228378
5	1	50.5	20	-	-	375012
6	3	84.6	20	1479	1484	517767
7	1	51.6	20	-	-	66620
8	1	50.7	20	-	-	211576
9	3	88.4	20	1074	1076	355386
10	1	57.2	20	-	-	502379
11	2	77.7	20	1851	-	48512
12	2	76.2	20	1079	-	193471
13	3	83.7	20	1834	1636	337152
14	2	77	20	1956	-	482775
15	3	90.8	20	1789	1231	30677
16	3	98.9	20	1422	1390	175212
17	1	64.9	20	-	-	320962
18	3	86	20	1847	1059	464071
19	2	68.2	20	1812	-	12896
20	3	95.9	20	1768	1681	157293

DFS Radar Parameters
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Trial Number:			15			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	3	87.6	18	1353	1724	317796
2	1	58.7	18	-	-	471747
3	2	83.2	18	1173	-	624097
4	1	60.8	18	-	-	147690
5	1	56.2	18	-	-	300580
6	2	79	18	1515	-	452029
7	3	96	18	1831	1707	602459
8	3	92.8	18	1741	1609	128152
9	2	77.9	18	1770	-	280926
10	1	55.8	18	-	-	434601
11	2	72.8	18	1545	-	585872
12	1	61.9	18	-	-	109975
13	3	92.3	18	1359	1990	261413
14	3	96.7	18	1290	1336	413690
15	2	80.6	18	1467	-	567028
16	3	88.9	18	1744	1670	90679
17	1	64.8	18	-	-	243926
18	2	68.3	18	1378	-	396028
19	1	58.2	18	-	-	549853
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Trial Number:			16			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	2	70.2	9	1942	-	124798
2	2	78.7	9	1738	-	388632
3	2	77.4	9	1596	-	652519
4	2	71.6	9	1689	-	916422
5	3	97.9	9	2000	1815	92205
6	2	77.2	9	1760	-	356073
7	2	69.6	9	1349	-	620157
8	3	88.4	9	1699	1623	882426
9	2	75.7	9	1497	-	59877
10	2	68.7	9	1033	-	323725
11	1	54.9	9	-	-	588320
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DFS Radar Parameters
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Trial Number:			17			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	3	95.9	9	1191	1512	850242
2	3	86.3	9	1280	1099	27332
3	1	64	9	-	-	291616
4	1	64	9	-	-	556072
5	2	79.4	9	1999	-	818457
6	3	97	9	1792	1973	1080162
7	2	74.5	9	1132	-	258793
8	2	69.4	9	1740	-	522653
9	2	79	9	1877	-	786165
10	2	71.5	9	1241	-	1050527
11	3	88.6	9	1400	1630	225849
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Trial Number:			18			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	58.8	9	-	-	490672
2	2	72.8	9	1726	-	753492
3	2	82.6	9	1629	-	1017777
4	3	84.4	9	1114	1322	193591
5	1	65.7	9	-	-	458231
6	3	84	9	1905	1691	720062
7	3	87	9	1753	1299	984311
8	3	96.5	9	1516	1147	161090
9	1	51.9	9	-	-	425630
10	3	84.1	9	1637	1305	688034
11	3	96.7	9	1875	1358	950854
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	77.8	16	1486	-	83174
2	3	98	16	1544	1217	253076
3	2	67.2	16	1121	-	424610
4	1	60.2	16	-	-	595787
5	3	87.1	16	1341	1832	62026
6	3	85.3	16	1171	1285	232213
7	3	83.7	16	1651	1118	402215
8	3	86.6	16	1458	1552	572054
9	3	90.6	16	1923	1618	41047
10	2	70.3	16	1388	-	211782
11	2	74	16	1976	-	381678
12	2	73	16	1562	-	552187
13	1	59.9	16	-	-	20201
14	3	86.5	16	1615	1808	190122
15	3	98	16	1110	1441	360819
16	2	78.2	16	1880	-	531106
17	2	67.3	16	1867	-	701889
18						
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Trial Number:			20			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	83.6	19	1410	1100	143766
2	1	64.3	19	-	-	289752
3	3	95.5	19	1309	1355	432739
4	3	89.3	19	1967	1836	575979
5	3	86.7	19	1123	1819	125915
6	2	81.6	19	1837	-	270721
7	2	69.8	19	1714	-	416011
8	1	54.6	19	-	-	562054
9	3	89.1	19	1166	1688	108174
10	1	63.4	19	-	-	253802
11	1	61.5	19	-	-	399083
12	3	85.7	19	1340	1554	541212
13	1	51.4	19	-	-	90777
14	2	79.2	19	1208	-	235538
15	2	66.7	19	1680	-	379781
16	2	70.8	19	1154	-	525191
17	3	99.3	19	1513	1436	72596
18	1	58.4	19	-	-	218193
19	1	66	19	-	-	363215
20	3	96.9	19	1067	1443	506313

DFS Radar Parameters
Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5520			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	69.2	20	1913	-	54893
2	1	59.9	20	-	-	200282
3	3	89.2	20	1002	1330	344293
4	3	85.7	20	1900	1165	488325
5	3	92.4	20	1797	1348	36985
6	2	81	20	1053	-	181977
7	2	68.3	20	1558	-	326750
8	3	84.9	20	1365	1003	470828
9	3	99.8	20	1889	1686	19185
10	2	72.6	20	1763	-	164022
11	3	98	20	1984	1528	307743
12	2	67.7	20	1448	-	453470
13	1	55.8	20	-	-	1408
14	2	69.7	20	1816	-	146120
15	1	62.8	20	-	-	291923
16	3	87.7	20	1109	1587	435122
17	3	88.7	20	1846	1852	578720
18	1	57.3	20	-	-	128770
19	3	91.1	20	1621	1628	272255
20	1	66.4	20	-	-	418664

Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5520			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	97.5	20	1827	1371	561314
2	1	55.6	20	-	-	110888
3	3	98.1	20	1820	1561	254458
4	2	71.9	20	1357	-	400006
5	2	72.2	20	1535	-	544737
6	1	50.9	20	-	-	92988
7	3	89.2	20	1235	1963	236930
8	3	91.1	20	1199	1713	381379
9	1	57.2	20	-	-	528025
10	1	52.2	20	-	-	74993
11	1	60.7	20	-	-	220167
12	2	78	20	1921	-	364352
13	2	82	20	1466	-	509449
14	2	81.3	20	1362	-	57019
15	3	98.2	20	1201	1960	201304
16	2	73.7	20	1978	-	346351
17	2	75.1	20	1168	-	491360
18	1	59.7	20	-	-	39259
19	3	96.9	20	1335	1266	183629
20	1	55.7	20	-	-	329701

DFS Radar Parameters
Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5520			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	63.3	20	-	-	474500
2	3	84.9	20	1687	1187	21292
3	1	54.8	20	-	-	166656
4	1	66.4	20	-	-	311504
5	1	65.5	20	-	-	456951
6	3	93.8	20	1446	1296	3510
7	2	79.9	20	1228	-	148405
8	2	81.8	20	1881	-	293133
9	1	66.4	20	-	-	439329
10	2	79.1	20	1871	-	582285
11	2	82.2	20	1320	-	130449
12	3	91.9	20	1977	1316	274559
13	2	67.4	20	1588	-	420036
14	3	99.6	20	1946	1025	563036
15	3	99.5	20	1639	1644	112322
16	1	63.6	20	-	-	258022
17	1	61.8	20	-	-	403513
18	2	67.3	20	1000	-	547304
19	1	63.5	20	-	-	94981
20	3	91.4	20	1787	1010	239011

Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	91.9	10	1731	1317	640674
2	2	77.3	10	1809	-	883250
3	2	77.6	10	1581	-	128585
4	3	97.6	10	1326	1603	369722
5	1	61.9	10	-	-	612812
6	2	69.9	10	1303	-	854106
7	3	85.7	10	1964	1825	98514
8	2	74.5	10	1948	-	340363
9	2	71.5	10	1488	-	582619
10	3	89.1	10	1065	1463	823119
11	1	62.5	10	-	-	69056
12	2	78.9	10	1485	-	310728
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DFS Radar Parameters
Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5522			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	60.4	17	-	-	368627
2	3	85.4	17	1705	1456	527190
3	1	53.1	17	-	-	26127
4	1	62.5	17	-	-	187356
5	1	50.7	17	-	-	348650
6	2	81.7	17	1243	-	509526
7	1	56.3	17	-	-	6269
8	2	78.4	17	1580	-	167292
9	2	71.1	17	1493	-	328420
10	1	57.3	17	-	-	490082
11	2	74.7	17	1476	-	650539
12	2	78.2	17	1418	-	147321
13	2	70	17	1157	-	308676
14	2	68.8	17	1420	-	469539
15	1	60.6	17	-	-	631579
16	2	82.5	17	1737	-	127570
17	2	81.9	17	1391	-	288392
18	3	84.6	17	1134	1268	448930
19						
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	61.9	10	-	-	918232
2	1	57.7	10	-	-	162052
3	3	96.3	10	1247	1459	403079
4	1	55.4	10	-	-	646438
5	1	63.8	10	-	-	888923
6	3	86.1	10	1372	1682	131871
7	1	57.2	10	-	-	374263
8	1	57.3	10	-	-	616580
9	1	54.4	10	-	-	859072
10	3	95.7	10	1858	1803	102026
11	1	58.1	10	-	-	344487
12	1	55.3	10	-	-	586709
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DFS Radar Parameters
Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5522			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	60.2	15	-	-	620994
2	2	77.3	15	1761	-	54271
3	1	66.5	15	-	-	235974
4	1	53.3	15	-	-	417684
5	2	81.4	15	1396	-	597541
6	2	82	15	1444	-	31979
7	3	96.5	15	1225	1447	212833
8	3	87	15	1389	1278	393803
9	1	62.8	15	-	-	576759
10	2	80.2	15	1234	-	9680
11	1	61	15	-	-	191227
12	3	85.1	15	1236	1996	371009
13	2	70.3	15	1470	-	552880
14	3	84.5	15	1176	1482	733311
15	1	52.5	15	-	-	168977
16	3	99.5	15	1125	1061	349175
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5526			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	77.6	6	1648	-	945085
2	3	93.1	6	1756	1363	1266719
3	1	59.2	6	-	-	260747
4	1	53.2	6	-	-	583640
5	3	92.7	6	1244	1591	905095
6	3	87	6	1801	1833	1226376
7	2	77.2	6	1631	-	220704
8	1	54.8	6	-	-	543817
9	2	82.7	6	1314	-	866348
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DFS Radar Parameters
Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	1	55	13	-	-	764822
2	2	71.5	13	1711	-	116186
3	2	67.1	13	1246	-	323494
4	1	55.2	13	-	-	531231
5	3	93.5	13	1016	1162	737020
6	2	77.2	13	1093	-	90730
7	1	60.7	13	-	-	298371
8	2	70.3	13	1736	-	505033
9	1	65.7	13	-	-	713746
10	3	97.2	13	1183	1522	65009
11	3	97.4	13	1676	1054	271913
12	1	61.6	13	-	-	480163
13	2	66.7	13	1828	-	686507
14	3	87.5	13	1951	1325	39505
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Trial Number:			30			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	78.6	8	1477	-	314210
2	3	86	8	1489	1130	577748
3	3	94.9	8	1369	1131	841320
4	2	71.7	8	1652	-	17952
5	2	81.8	8	1029	-	281933
6	3	96.8	8	1872	1092	544914
7	1	61.1	8	-	-	810289
8	3	85.2	8	1849	1712	1071215
9	2	79.4	8	1970	-	249291
10	3	83.5	8	1229	1211	512939
11	1	57.7	8	-	-	777872
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DFS Radar Parameters
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	10	1432.66	698	Yes
2	17	1193.32	838	Yes
3	1	1930.50	518	Yes
4	15	1253.13	798	Yes
5	3	1792.11	558	Yes
6	9	1474.93	678	Yes
7	12	1355.01	738	Yes
8	11	1392.76	718	Yes
9	6	1618.12	618	Yes
10	18	1165.50	858	Yes
11	22	1066.10	938	Yes
12	7	1567.40	638	Yes
13	21	1089.32	918	Yes
14	8	1519.76	658	Yes
15	20	1113.59	898	Yes
16		394.17	2537	Yes
17		712.76	1403	Yes
18		466.64	2143	Yes
19		331.13	3020	Yes
20		422.65	2366	Yes
21		466.85	2142	Yes
22		815.00	1227	Yes
23		1216.55	822	Yes
24		843.88	1185	Yes
25		922.51	1084	Yes
26		455.17	2197	No
27		547.65	1826	Yes
28		329.92	3031	Yes
29		346.14	2889	Yes
30		791.14	1264	Yes

DFS Radar Parameters
Radar Type 2
Channel 106 Bandwidth 80MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	24	1.60	168	Yes
2	23	1.50	223	Yes
3	24	1.60	167	No
4	26	3.30	157	Yes
5	27	3.50	173	Yes
6	23	1.40	203	Yes
7	23	1.10	196	Yes
8	27	3.30	229	Yes
9	26	2.90	182	Yes
10	27	3.80	156	Yes
11	29	4.90	216	Yes
12	28	3.90	161	Yes
13	23	1.00	207	Yes
14	29	5.00	190	Yes
15	28	4.40	193	Yes
16	24	2.10	170	Yes
17	24	2.10	186	Yes
18	24	2.10	204	Yes
19	28	4.00	213	Yes
20	29	4.80	180	Yes
21	29	4.80	160	Yes
22	29	4.90	169	Yes
23	29	5.00	185	Yes
24	25	2.30	162	Yes
25	28	4.20	205	Yes
26	25	2.30	214	Yes
27	27	3.70	174	Yes
28	23	1.30	201	Yes
29	26	3.10	177	Yes
30	24	1.90	218	Yes

DFS Radar Parameters
Radar Type 3
Channel 106 Bandwidth 80MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	16	6.60	298	Yes
2	16	6.50	360	Yes
3	16	6.60	422	Yes
4	17	8.30	301	Yes
5	17	8.50	419	Yes
6	16	6.40	349	Yes
7	16	6.10	423	Yes
8	17	8.30	493	Yes
9	17	7.90	396	Yes
10	18	8.80	275	Yes
11	18	9.90	282	Yes
12	18	8.90	238	Yes
13	16	6.00	250	Yes
14	18	10.00	332	Yes
15	18	9.40	289	Yes
16	16	7.10	312	Yes
17	16	7.10	370	No
18	16	7.10	258	Yes
19	18	9.00	389	Yes
20	18	9.80	292	Yes
21	18	9.80	244	Yes
22	18	9.90	288	Yes
23	18	10.00	340	Yes
24	17	7.30	445	Yes
25	18	9.20	428	Yes
26	17	7.30	421	Yes
27	18	8.70	435	Yes
28	16	6.30	273	Yes
29	17	8.10	363	Yes
30	16	6.90	296	Yes

DFS Radar Parameters
Radar Type 4
Channel 106 Bandwidth 80MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	12	12.30	298	Yes
2	12	12.20	360	Yes
3	12	12.50	422	Yes
4	14	16.10	301	Yes
5	15	16.50	419	No
6	12	12.00	349	Yes
7	12	11.40	423	Yes
8	14	16.20	493	Yes
9	14	15.30	396	Yes
10	15	17.40	275	Yes
11	16	19.70	282	Yes
12	15	17.60	238	Yes
13	12	11.10	250	Yes
14	16	19.90	332	Yes
15	16	18.70	289	Yes
16	13	13.50	312	Yes
17	13	13.50	370	Yes
18	13	13.50	258	Yes
19	15	17.70	389	Yes
20	16	19.50	292	Yes
21	16	19.60	244	Yes
22	16	19.80	288	Yes
23	16	19.90	340	Yes
24	13	14.00	445	Yes
25	16	18.30	428	Yes
26	13	14.00	421	Yes
27	15	17.10	435	Yes
28	12	11.80	273	Yes
29	14	15.70	363	Yes
30	13	13.20	296	Yes

DFS Radar Parameters
Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5530			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	57.6	7	-	-	527024
2	1	57	7	-	-	850034
3	1	58.3	7	-	-	1173488
4	2	78.4	7	1869	-	164134
5	2	80.6	7	1301	-	487021
6	1	55.8	7	-	-	810230
7	1	52.3	7	-	-	1133566
8	2	79	7	1144	-	124492
9	2	74	7	1566	-	446938
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			9			
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	85.2	7	1405	1169	769042
2	3	98.1	7	1638	1830	1090625
3	3	86.5	7	1647	1708	84579
4	1	50.8	7	-	-	407901
5	3	99.4	7	1342	1997	728785
6	3	92.5	7	1907	1077	1051691
7	1	63.8	7	-	-	45026
8	1	64.1	7	-	-	368019
9	1	63.9	7	-	-	691057
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DFS Radar Parameters
Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			10			
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	87.3	7	1153	1981	909884
2	3	96.8	7	1632	1259	4698
3	3	97.6	7	1750	1932	294585
4	3	98.7	7	1993	1571	584538
5	3	99.2	7	1106	1137	875214
6	2	66.9	7	1519	-	1166326
7	3	90.2	7	1038	1892	258909
8	2	67	7	1943	-	549445
9	3	83.8	7	1767	1543	838640
10	1	54.5	7	-	-	1131528
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Trial Number:			4			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	76	14	1242	-	148789
2	1	62.1	14	-	-	342859
3	3	84.5	14	1251	1089	534581
4	3	83.9	14	1452	1971	726860
5	1	65.4	14	-	-	125236
6	3	84.4	14	1563	1315	317778
7	1	55.4	14	-	-	512636
8	2	68.5	14	1024	-	705080
9	3	84	14	1663	1249	100984
10	2	79.2	14	1262	-	294548
11	1	54.5	14	-	-	488924
12	2	82.3	14	1464	-	681455
13	3	85.8	14	1664	1617	77195
14	3	87.3	14	1160	1957	270159
15	2	72.4	14	1307	-	464255
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DFS Radar Parameters
Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			5			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	1	65.6	14	-	-	658396
2	2	71.4	14	1044	-	53580
3	3	97.8	14	1904	1980	246039
4	3	90.7	14	1891	1666	438819
5	1	63.3	14	-	-	634887
6	3	90	14	1661	1126	29710
7	2	76.8	14	1226	-	223193
8	2	82.7	14	1771	-	416455
9	3	88.7	14	1569	1985	608298
10	2	71.9	14	1791	-	5952
11	1	66.1	14	-	-	199624
12	3	96.3	14	1727	1293	391630
13	1	59	14	-	-	587269
14	1	57.9	14	-	-	780316
15	3	91.5	14	1245	1261	175281
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Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			9			
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	88.3	6	1195	1529	614692
2	1	63.6	6	-	-	938892
3	2	72	6	1598	-	1260835
4	3	97.9	6	1005	1051	253013
5	1	53	6	-	-	576423
6	1	61.9	6	-	-	899532
7	1	50.7	6	-	-	1221996
8	1	64.1	6	-	-	213547
9	2	71.1	6	1936	-	535980
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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	66.5	5	-	-	966922
2	3	93.9	5	1604	1657	1327552
3	2	73.9	5	1961	-	195277
4	2	79.9	5	1207	-	558523
5	3	84.9	5	1048	1590	920999
6	1	59.4	5	-	-	1285990
7	1	54.9	5	-	-	150794
8	1	60.9	5	-	-	514063
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Trial Number:			8			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	1	60.2	14	-	-	467575
2	2	76.3	14	1019	-	660754
3	3	83.6	14	1174	1424	56327
4	3	95.5	14	1188	1931	249142
5	3	92.4	14	1531	1022	442641
6	2	76.3	14	1429	-	636423
7	2	70.5	14	1885	-	32580
8	1	64.6	14	-	-	226227
9	3	99.2	14	1523	1337	418252
10	2	79.5	14	1570	-	612409
11	3	95.9	14	1915	1170	8752
12	1	61.9	14	-	-	202436
13	3	99.3	14	1599	1721	394651
14	3	88.2	14	1289	1098	587662
15	3	96.5	14	1995	1274	779845
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Trial Number:			9			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	1	60.6	12	-	-	191267
2	3	92.5	12	1221	1678	397401
3	3	91	12	1908	1414	604126
4	3	90.9	12	1715	1940	810744
5	1	60.2	12	-	-	165847
6	3	88	12	1585	1925	371987
7	3	84.2	12	1507	1327	578642
8	1	60.5	12	-	-	788468
9	1	64.9	12	-	-	140234
10	1	57.2	12	-	-	347642
11	2	76.7	12	1042	-	554463
12	2	74.2	12	1496	-	761629
13	2	69.4	12	1748	-	114503
14	1	66	12	-	-	322127
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	96.9	16	1762	1155	434180
2	3	97.8	16	1015	1897	604637
3	2	79.3	16	1893	-	73185
4	2	66.9	16	1902	-	243388
5	1	55.1	16	-	-	414768
6	3	86	16	1020	1655	583667
7	2	82.8	16	1945	-	52211
8	2	74.3	16	1878	-	222464
9	3	96	16	1928	1866	391674
10	3	96	16	1572	1445	562749
11	3	87.4	16	1610	1178	31166
12	1	51.5	16	-	-	202217
13	2	83.2	16	1277	-	372490
14	1	53.9	16	-	-	543797
15	2	82.4	16	1018	-	10225
16	1	54.9	16	-	-	181124
17	1	52.1	16	-	-	351669
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Trial Number:			11			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	2	71.8	20	1778	-	442881
2	2	78.4	20	1684	-	587802
3	3	97.4	20	1728	1312	135280
4	1	63.3	20	-	-	281122
5	3	87.4	20	1775	1532	424239
6	3	94	20	1031	1549	569098
7	2	68.5	20	1088	-	117977
8	3	94.8	20	1991	1283	261827
9	2	73	20	1773	-	407518
10	2	76.1	20	1196	-	552180
11	1	65.7	20	-	-	100214
12	2	68.7	20	1643	-	244814
13	3	88.3	20	1843	1674	388372
14	1	65.7	20	-	-	535293
15	1	52.1	20	-	-	82387
16	1	51	20	-	-	227396
17	3	98.7	20	1719	1148	371075
18	1	52.2	20	-	-	517760
19	2	81.7	20	1582	-	64305
20	1	66.6	20	-	-	209529

Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5498			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	95	16	1471	1292	415953
2	3	94.2	16	1772	1468	585393
3	1	52.1	16	-	-	54801
4	1	63.7	16	-	-	225668
5	3	86.3	16	1671	1784	394663
6	3	96.6	16	1860	1442	564316
7	3	95.1	16	1275	1855	33642
8	1	53.5	16	-	-	204487
9	1	58.7	16	-	-	375313
10	1	54.7	16	-	-	546597
11	2	80.3	16	1427	-	12699
12	2	78.1	16	1127	-	183260
13	1	59.9	16	-	-	354442
14	1	55	16	-	-	525030
15	1	54.8	16	-	-	696248
16	3	95.9	16	1406	1421	161942
17	2	72.1	16	1838	-	332483
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Trial Number:			13			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	52.6	5	-	-	1072478
2	1	59.5	5	-	-	1436036
3	1	53.8	5	-	-	300917
4	1	60.8	5	-	-	664254
5	2	72.2	5	1817	-	1026303
6	2	82.2	5	1439	-	1389815
7	1	59.9	5	-	-	256155
8	2	67	5	1912	-	618813
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Trial Number:			14			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	55.6	20	-	-	392733
2	1	57.7	20	-	-	538110
3	2	80.2	20	1499	-	84213
4	3	85.3	20	1863	1788	228378
5	1	50.5	20	-	-	375012
6	3	84.6	20	1479	1484	517767
7	1	51.6	20	-	-	66620
8	1	50.7	20	-	-	211576
9	3	88.4	20	1074	1076	355386
10	1	57.2	20	-	-	502379
11	2	77.7	20	1851	-	48512
12	2	76.2	20	1079	-	193471
13	3	83.7	20	1834	1636	337152
14	2	77	20	1956	-	482775
15	3	90.8	20	1789	1231	30677
16	3	98.9	20	1422	1390	175212
17	1	64.9	20	-	-	320962
18	3	86	20	1847	1059	464071
19	2	68.2	20	1812	-	12896
20	3	95.9	20	1768	1681	157293

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Trial Number:			15			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	3	87.6	18	1353	1724	317796
2	1	58.7	18	-	-	471747
3	2	83.2	18	1173	-	624097
4	1	60.8	18	-	-	147690
5	1	56.2	18	-	-	300580
6	2	79	18	1515	-	452029
7	3	96	18	1831	1707	602459
8	3	92.8	18	1741	1609	128152
9	2	77.9	18	1770	-	280926
10	1	55.8	18	-	-	434601
11	2	72.8	18	1545	-	585872
12	1	61.9	18	-	-	109975
13	3	92.3	18	1359	1990	261413
14	3	96.7	18	1290	1336	413690
15	2	80.6	18	1467	-	567028
16	3	88.9	18	1744	1670	90679
17	1	64.8	18	-	-	243926
18	2	68.3	18	1378	-	396028
19	1	58.2	18	-	-	549853
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	70.2	9	1942	-	124798
2	2	78.7	9	1738	-	388632
3	2	77.4	9	1596	-	652519
4	2	71.6	9	1689	-	916422
5	3	97.9	9	2000	1815	92205
6	2	77.2	9	1760	-	356073
7	2	69.6	9	1349	-	620157
8	3	88.4	9	1699	1623	882426
9	2	75.7	9	1497	-	59877
10	2	68.7	9	1033	-	323725
11	1	54.9	9	-	-	588320
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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	95.9	9	1191	1512	850242
2	3	86.3	9	1280	1099	27332
3	1	64	9	-	-	291616
4	1	64	9	-	-	556072
5	2	79.4	9	1999	-	818457
6	3	97	9	1792	1973	1080162
7	2	74.5	9	1132	-	258793
8	2	69.4	9	1740	-	522653
9	2	79	9	1877	-	786165
10	2	71.5	9	1241	-	1050527
11	3	88.6	9	1400	1630	225849
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	58.8	9	-	-	490672
2	2	72.8	9	1726	-	753492
3	2	82.6	9	1629	-	1017777
4	3	84.4	9	1114	1322	193591
5	1	65.7	9	-	-	458231
6	3	84	9	1905	1691	720062
7	3	87	9	1753	1299	984311
8	3	96.5	9	1516	1147	161090
9	1	51.9	9	-	-	425630
10	3	84.1	9	1637	1305	688034
11	3	96.7	9	1875	1358	950854
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	77.8	16	1486	-	83174
2	3	98	16	1544	1217	253076
3	2	67.2	16	1121	-	424610
4	1	60.2	16	-	-	595787
5	3	87.1	16	1341	1832	62026
6	3	85.3	16	1171	1285	232213
7	3	83.7	16	1651	1118	402215
8	3	86.6	16	1458	1552	572054
9	3	90.6	16	1923	1618	41047
10	2	70.3	16	1388	-	211782
11	2	74	16	1976	-	381678
12	2	73	16	1562	-	552187
13	1	59.9	16	-	-	20201
14	3	86.5	16	1615	1808	190122
15	3	98	16	1110	1441	360819
16	2	78.2	16	1880	-	531106
17	2	67.3	16	1867	-	701889
18						
19						
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Trial Number:			20			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	83.6	19	1410	1100	143766
2	1	64.3	19	-	-	289752
3	3	95.5	19	1309	1355	432739
4	3	89.3	19	1967	1836	575979
5	3	86.7	19	1123	1819	125915
6	2	81.6	19	1837	-	270721
7	2	69.8	19	1714	-	416011
8	1	54.6	19	-	-	562054
9	3	89.1	19	1166	1688	108174
10	1	63.4	19	-	-	253802
11	1	61.5	19	-	-	399083
12	3	85.7	19	1340	1554	541212
13	1	51.4	19	-	-	90777
14	2	79.2	19	1208	-	235538
15	2	66.7	19	1680	-	379781
16	2	70.8	19	1154	-	525191
17	3	99.3	19	1513	1436	72596
18	1	58.4	19	-	-	218193
19	1	66	19	-	-	363215
20	3	96.9	19	1067	1443	506313

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Trial Number:			21			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	2	69.2	20	1913	-	54893
2	1	59.9	20	-	-	200282
3	3	89.2	20	1002	1330	344293
4	3	85.7	20	1900	1165	488325
5	3	92.4	20	1797	1348	36985
6	2	81	20	1053	-	181977
7	2	68.3	20	1558	-	326750
8	3	84.9	20	1365	1003	470828
9	3	99.8	20	1889	1686	19185
10	2	72.6	20	1763	-	164022
11	3	98	20	1984	1528	307743
12	2	67.7	20	1448	-	453470
13	1	55.8	20	-	-	1408
14	2	69.7	20	1816	-	146120
15	1	62.8	20	-	-	291923
16	3	87.7	20	1109	1587	435122
17	3	88.7	20	1846	1852	578720
18	1	57.3	20	-	-	128770
19	3	91.1	20	1621	1628	272255
20	1	66.4	20	-	-	418664

Trial Number:			22			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	3	97.5	20	1827	1371	561314
2	1	55.6	20	-	-	110888
3	3	98.1	20	1820	1561	254458
4	2	71.9	20	1357	-	400006
5	2	72.2	20	1535	-	544737
6	1	50.9	20	-	-	92988
7	3	89.2	20	1235	1963	236930
8	3	91.1	20	1199	1713	381379
9	1	57.2	20	-	-	528025
10	1	52.2	20	-	-	74993
11	1	60.7	20	-	-	220167
12	2	78	20	1921	-	364352
13	2	82	20	1466	-	509449
14	2	81.3	20	1362	-	57019
15	3	98.2	20	1201	1960	201304
16	2	73.7	20	1978	-	346351
17	2	75.1	20	1168	-	491360
18	1	59.7	20	-	-	39259
19	3	96.9	20	1335	1266	183629
20	1	55.7	20	-	-	329701

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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	63.3	20	-	-	474500
2	3	84.9	20	1687	1187	21292
3	1	54.8	20	-	-	166656
4	1	66.4	20	-	-	311504
5	1	65.5	20	-	-	456951
6	3	93.8	20	1446	1296	3510
7	2	79.9	20	1228	-	148405
8	2	81.8	20	1881	-	293133
9	1	66.4	20	-	-	439329
10	2	79.1	20	1871	-	582285
11	2	82.2	20	1320	-	130449
12	3	91.9	20	1977	1316	274559
13	2	67.4	20	1588	-	420036
14	3	99.6	20	1946	1025	563036
15	3	99.5	20	1639	1644	112322
16	1	63.6	20	-	-	258022
17	1	61.8	20	-	-	403513
18	2	67.3	20	1000	-	547304
19	1	63.5	20	-	-	94981
20	3	91.4	20	1787	1010	239011

Trial Number:			24			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	91.9	10	1731	1317	640674
2	2	77.3	10	1809	-	883250
3	2	77.6	10	1581	-	128585
4	3	97.6	10	1326	1603	369722
5	1	61.9	10	-	-	612812
6	2	69.9	10	1303	-	854106
7	3	85.7	10	1964	1825	98514
8	2	74.5	10	1948	-	340363
9	2	71.5	10	1488	-	582619
10	3	89.1	10	1065	1463	823119
11	1	62.5	10	-	-	69056
12	2	78.9	10	1485	-	310728
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DFS Radar Parameters
Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5561			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	60.4	17	-	-	368627
2	3	85.4	17	1705	1456	527190
3	1	53.1	17	-	-	26127
4	1	62.5	17	-	-	187356
5	1	50.7	17	-	-	348650
6	2	81.7	17	1243	-	509526
7	1	56.3	17	-	-	6269
8	2	78.4	17	1580	-	167292
9	2	71.1	17	1493	-	328420
10	1	57.3	17	-	-	490082
11	2	74.7	17	1476	-	650539
12	2	78.2	17	1418	-	147321
13	2	70	17	1157	-	308676
14	2	68.8	17	1420	-	469539
15	1	60.6	17	-	-	631579
16	2	82.5	17	1737	-	127570
17	2	81.9	17	1391	-	288392
18	3	84.6	17	1134	1268	448930
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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	1	61.9	10	-	-	918232
2	1	57.7	10	-	-	162052
3	3	96.3	10	1247	1459	403079
4	1	55.4	10	-	-	646438
5	1	63.8	10	-	-	888923
6	3	86.1	10	1372	1682	131871
7	1	57.2	10	-	-	374263
8	1	57.3	10	-	-	616580
9	1	54.4	10	-	-	859072
10	3	95.7	10	1858	1803	102026
11	1	58.1	10	-	-	344487
12	1	55.3	10	-	-	586709
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DFS Radar Parameters
Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			16			
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	60.2	15	-	-	620994
2	2	77.3	15	1761	-	54271
3	1	66.5	15	-	-	235974
4	1	53.3	15	-	-	417684
5	2	81.4	15	1396	-	597541
6	2	82	15	1444	-	31979
7	3	96.5	15	1225	1447	212833
8	3	87	15	1389	1278	393803
9	1	62.8	15	-	-	576759
10	2	80.2	15	1234	-	9680
11	1	61	15	-	-	191227
12	3	85.1	15	1236	1996	371009
13	2	70.3	15	1470	-	552880
14	3	84.5	15	1176	1482	733311
15	1	52.5	15	-	-	168977
16	3	99.5	15	1125	1061	349175
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			9			
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	77.6	6	1648	-	945085
2	3	93.1	6	1756	1363	1266719
3	1	59.2	6	-	-	260747
4	1	53.2	6	-	-	583640
5	3	92.7	6	1244	1591	905095
6	3	87	6	1801	1833	1226376
7	2	77.2	6	1631	-	220704
8	1	54.8	6	-	-	543817
9	2	82.7	6	1314	-	866348
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Report Number : FZ232212

DFS Radar Parameters
Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			29			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	55	13	-	-	764822
2	2	71.5	13	1711	-	116186
3	2	67.1	13	1246	-	323494
4	1	55.2	13	-	-	531231
5	3	93.5	13	1016	1162	737020
6	2	77.2	13	1093	-	90730
7	1	60.7	13	-	-	298371
8	2	70.3	13	1736	-	505033
9	1	65.7	13	-	-	713746
10	3	97.2	13	1183	1522	65009
11	3	97.4	13	1676	1054	271913
12	1	61.6	13	-	-	480163
13	2	66.7	13	1828	-	686507
14	3	87.5	13	1951	1325	39505
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Trial Number:			30			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	78.6	8	1477	-	314210
2	3	86	8	1489	1130	577748
3	3	94.9	8	1369	1131	841320
4	2	71.7	8	1652	-	17952
5	2	81.8	8	1029	-	281933
6	3	96.8	8	1872	1092	544914
7	1	61.1	8	-	-	810289
8	3	85.2	8	1849	1712	1071215
9	2	79.4	8	1970	-	249291
10	3	83.5	8	1229	1211	512939
11	1	57.7	8	-	-	777872
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<Bridge Mode>

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	10	1432.66	698	Yes
2	17	1193.32	838	Yes
3	1	1930.50	518	Yes
4	15	1253.13	798	Yes
5	3	1792.11	558	Yes
6	9	1474.93	678	Yes
7	12	1355.01	738	Yes
8	11	1392.76	718	Yes
9	6	1618.12	618	Yes
10	18	1165.50	858	Yes
11	22	1066.10	938	Yes
12	7	1567.40	638	Yes
13	21	1089.32	918	Yes
14	8	1519.76	658	Yes
15	20	1113.59	898	Yes
16		394.17	2537	Yes
17		712.76	1403	Yes
18		466.64	2143	Yes
19		331.13	3020	No
20		422.65	2366	Yes
21		466.85	2142	Yes
22		815.00	1227	No
23		1216.55	822	Yes
24		843.88	1185	Yes
25		922.51	1084	Yes
26		455.17	2197	Yes
27		547.65	1826	Yes
28		329.92	3031	No
29		346.14	2889	Yes
30		791.14	1264	Yes

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	24	1.60	168	Yes
2	23	1.50	223	Yes
3	24	1.60	167	Yes
4	26	3.30	157	Yes
5	27	3.50	173	Yes
6	23	1.40	203	Yes
7	23	1.10	196	Yes
8	27	3.30	229	Yes
9	26	2.90	182	Yes
10	27	3.80	156	Yes
11	29	4.90	216	Yes
12	28	3.90	161	Yes
13	23	1.00	207	Yes
14	29	5.00	190	Yes
15	28	4.40	193	Yes
16	24	2.10	170	Yes
17	24	2.10	186	Yes
18	24	2.10	204	Yes
19	28	4.00	213	Yes
20	29	4.80	180	Yes
21	29	4.80	160	Yes
22	29	4.90	169	No
23	29	5.00	185	Yes
24	25	2.30	162	Yes
25	28	4.20	205	Yes
26	25	2.30	214	Yes
27	27	3.70	174	Yes
28	23	1.30	201	Yes
29	26	3.10	177	No
30	24	1.90	218	Yes

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	16	6.60	298	Yes
2	16	6.50	360	Yes
3	16	6.60	422	Yes
4	17	8.30	301	Yes
5	17	8.50	419	Yes
6	16	6.40	349	Yes
7	16	6.10	423	Yes
8	17	8.30	493	Yes
9	17	7.90	396	Yes
10	18	8.80	275	Yes
11	18	9.90	282	Yes
12	18	8.90	238	Yes
13	16	6.00	250	Yes
14	18	10.00	332	Yes
15	18	9.40	289	Yes
16	16	7.10	312	Yes
17	16	7.10	370	Yes
18	16	7.10	258	Yes
19	18	9.00	389	Yes
20	18	9.80	292	Yes
21	18	9.80	244	Yes
22	18	9.90	288	No
23	18	10.00	340	Yes
24	17	7.30	445	Yes
25	18	9.20	428	Yes
26	17	7.30	421	Yes
27	18	8.70	435	Yes
28	16	6.30	273	Yes
29	17	8.10	363	Yes
30	16	6.90	296	Yes

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	12	12.30	298	Yes
2	12	12.20	360	Yes
3	12	12.50	422	No
4	14	16.10	301	Yes
5	15	16.50	419	Yes
6	12	12.00	349	No
7	12	11.40	423	Yes
8	14	16.20	493	Yes
9	14	15.30	396	Yes
10	15	17.40	275	Yes
11	16	19.70	282	Yes
12	15	17.60	238	Yes
13	12	11.10	250	Yes
14	16	19.90	332	Yes
15	16	18.70	289	Yes
16	13	13.50	312	Yes
17	13	13.50	370	Yes
18	13	13.50	258	Yes
19	15	17.70	389	Yes
20	16	19.50	292	Yes
21	16	19.60	244	Yes
22	16	19.80	288	Yes
23	16	19.90	340	Yes
24	13	14.00	445	Yes
25	16	18.30	428	Yes
26	13	14.00	421	Yes
27	15	17.10	435	Yes
28	12	11.80	273	Yes
29	14	15.70	363	Yes
30	13	13.20	296	Yes

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

Trial Number:			1			Detection
Number of Bursts in Trial:			9			(Yes/No)
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	57.6	7	-	-	527024
2	1	57	7	-	-	850034
3	1	58.3	7	-	-	1173488
4	2	78.4	7	1869	-	164134
5	2	80.6	7	1301	-	487021
6	1	55.8	7	-	-	810230
7	1	52.3	7	-	-	1133566
8	2	79	7	1144	-	124492
9	2	74	7	1566	-	446938
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Trial Number:			2			Detection
Number of Bursts in Trial:			9			(Yes/No)
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	85.2	7	1405	1169	769042
2	3	98.1	7	1638	1830	1090625
3	3	86.5	7	1647	1708	84579
4	1	50.8	7	-	-	407901
5	3	99.4	7	1342	1997	728785
6	3	92.5	7	1907	1077	1051691
7	1	63.8	7	-	-	45026
8	1	64.1	7	-	-	368019
9	1	63.9	7	-	-	691057
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			3			Detection
Number of Bursts in Trial:			10			(Yes/No)
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	87.3	7	1153	1981	909884
2	3	96.8	7	1632	1259	4698
3	3	97.6	7	1750	1932	294585
4	3	98.7	7	1993	1571	584538
5	3	99.2	7	1106	1137	875214
6	2	66.9	7	1519	-	1166326
7	3	90.2	7	1038	1892	258909
8	2	67	7	1943	-	549445
9	3	83.8	7	1767	1543	838640
10	1	54.5	7	-	-	1131528
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Trial Number:			4			Detection
Number of Bursts in Trial:			15			(Yes/No)
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	76	14	1242	-	148789
2	1	62.1	14	-	-	342859
3	3	84.5	14	1251	1089	534581
4	3	83.9	14	1452	1971	726860
5	1	65.4	14	-	-	125236
6	3	84.4	14	1563	1315	317778
7	1	55.4	14	-	-	512636
8	2	68.5	14	1024	-	705080
9	3	84	14	1663	1249	100984
10	2	79.2	14	1262	-	294548
11	1	54.5	14	-	-	488924
12	2	82.3	14	1464	-	681455
13	3	85.8	14	1664	1617	77195
14	3	87.3	14	1160	1957	270159
15	2	72.4	14	1307	-	464255
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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:			15			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	65.6	14	-	-	658396
2	2	71.4	14	1044	-	53580
3	3	97.8	14	1904	1980	246039
4	3	90.7	14	1891	1666	438819
5	1	63.3	14	-	-	634887
6	3	90	14	1661	1126	29710
7	2	76.8	14	1226	-	223193
8	2	82.7	14	1771	-	416455
9	3	88.7	14	1569	1985	608298
10	2	71.9	14	1791	-	5952
11	1	66.1	14	-	-	199624
12	3	96.3	14	1727	1293	391630
13	1	59	14	-	-	587269
14	1	57.9	14	-	-	780316
15	3	91.5	14	1245	1261	175281
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Trial Number:			6			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	3	88.3	6	1195	1529	614692
2	1	63.6	6	-	-	938892
3	2	72	6	1598	-	1260835
4	3	97.9	6	1005	1051	253013
5	1	53	6	-	-	576423
6	1	61.9	6	-	-	899532
7	1	50.7	6	-	-	1221996
8	1	64.1	6	-	-	213547
9	2	71.1	6	1936	-	535980
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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	66.5	5	-	-	966922
2	3	93.9	5	1604	1657	1327552
3	2	73.9	5	1961	-	195277
4	2	79.9	5	1207	-	558523
5	3	84.9	5	1048	1590	920999
6	1	59.4	5	-	-	1285990
7	1	54.9	5	-	-	150794
8	1	60.9	5	-	-	514063
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	60.2	14	-	-	467575
2	2	76.3	14	1019	-	660754
3	3	83.6	14	1174	1424	56327
4	3	95.5	14	1188	1931	249142
5	3	92.4	14	1531	1022	442641
6	2	76.3	14	1429	-	636423
7	2	70.5	14	1885	-	32580
8	1	64.6	14	-	-	226227
9	3	99.2	14	1523	1337	418252
10	2	79.5	14	1570	-	612409
11	3	95.9	14	1915	1170	8752
12	1	61.9	14	-	-	202436
13	3	99.3	14	1599	1721	394651
14	3	88.2	14	1289	1098	587662
15	3	96.5	14	1995	1274	779845
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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:			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	1	60.6	12	-	-	191267
2	3	92.5	12	1221	1678	397401
3	3	91	12	1908	1414	604126
4	3	90.9	12	1715	1940	810744
5	1	60.2	12	-	-	165847
6	3	88	12	1585	1925	371987
7	3	84.2	12	1507	1327	578642
8	1	60.5	12	-	-	788468
9	1	64.9	12	-	-	140234
10	1	57.2	12	-	-	347642
11	2	76.7	12	1042	-	554463
12	2	74.2	12	1496	-	761629
13	2	69.4	12	1748	-	114503
14	1	66	12	-	-	322127
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	96.9	16	1762	1155	434180
2	3	97.8	16	1015	1897	604637
3	2	79.3	16	1893	-	73185
4	2	66.9	16	1902	-	243388
5	1	55.1	16	-	-	414768
6	3	86	16	1020	1655	583667
7	2	82.8	16	1945	-	52211
8	2	74.3	16	1878	-	222464
9	3	96	16	1928	1866	391674
10	3	96	16	1572	1445	562749
11	3	87.4	16	1610	1178	31166
12	1	51.5	16	-	-	202217
13	2	83.2	16	1277	-	372490
14	1	53.9	16	-	-	543797
15	2	82.4	16	1018	-	10225
16	1	54.9	16	-	-	181124
17	1	52.1	16	-	-	351669
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Trial Number:			11			Detection
Number of Bursts in Trial:			17			(Yes/No)
Chirp Center Frequency:			5497			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	73.7	16	1497	-	209249
2	3	97.4	16	1754	1613	378386
3	3	91.7	16	1702	1462	548411
4	1	66.2	16	-	-	17733
5	2	70.8	16	1821	-	187952
6	1	52.3	16	-	-	359277
7	2	78.9	16	1984	-	528886
8	2	70.9	16	1358	-	700166
9	2	75.6	16	1430	-	167197
10	1	59.1	16	-	-	338262
11	2	77	16	1304	-	508324
12	2	67.9	16	1083	-	678689
13	2	81.2	16	1932	-	146031
14	2	78.7	16	1121	-	316923
15	1	63.3	16	-	-	488056
16	2	68.9	16	1423	-	657326
17	1	59.3	16	-	-	125509
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Trial Number:			12			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5498			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	98.9	19	1680	1488	263736
2	2	82.3	19	1855	-	416459
3	3	86.7	19	1400	1919	567902
4	3	89.7	19	1068	1282	92979
5	3	98.6	19	1194	1461	245155
6	2	71.1	19	1789	-	397609
7	1	55.9	19	-	-	551431
8	2	67.9	19	1372	-	74413
9	3	84.4	19	1107	1443	226559
10	1	58.8	19	-	-	380056
11	1	65.6	19	-	-	533408
12	2	78.5	19	1704	-	55547
13	2	82.3	19	1686	-	207876
14	3	90.1	19	1071	1266	359771
15	3	90.2	19	1089	1950	511297
16	2	83.1	19	1406	-	36803
17	1	58.8	19	-	-	189652
18	2	77	19	1657	-	341809
19	1	55	19	-	-	495737
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DFS Radar Parameters
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Trial Number:			13			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	58.1	13	-	-	22911
2	1	52.1	13	-	-	216473
3	1	59.9	13	-	-	410004
4	1	60.2	13	-	-	603671
5	3	95.9	13	1906	1608	794160
6	2	79.9	13	1859	-	192251
7	2	78.5	13	1917	-	385590
8	1	53.8	13	-	-	579862
9	1	64.7	13	-	-	773423
10	1	61.4	13	-	-	168898
11	2	83.2	13	1858	-	361606
12	3	84.7	13	1677	1638	553866
13	3	88.7	13	1528	1058	747241
14	2	78.3	13	1951	-	144710
15	2	69.3	13	1717	-	337856
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5495			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	75.3	10	1612	-	664275
2	1	56.3	10	-	-	907886
3	2	67.7	10	1185	-	151316
4	1	55.6	10	-	-	393746
5	2	75.2	10	1267	-	635093
6	2	76.3	10	1305	-	876993
7	3	85.7	10	1362	1924	121278
8	3	98.4	10	1550	1249	362696
9	3	86.4	10	1439	1046	604342
10	3	93.6	10	1031	1452	846453
11	1	63.3	10	-	-	91871
12	3	92.4	10	1673	1322	333050
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Trial Number:			15			Detection
Number of Bursts in Trial:			19			(Yes/No)
Chirp Center Frequency:			5498			No
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	93.3	18	1912	1535	361323
2	2	69.1	18	1794	-	515261
3	3	86.9	18	1152	1148	39025
4	3	84.9	18	1948	1118	190900
5	2	72.3	18	1916	-	343941
6	1	51.7	18	-	-	497624
7	1	58.3	18	-	-	20319
8	1	60.8	18	-	-	172999
9	1	57.1	18	-	-	325872
10	3	88.9	18	1964	1489	475841
11	2	72	18	1297	-	1489
12	3	90.9	18	1566	1370	153647
13	1	59.8	18	-	-	307096
14	2	70	18	1291	-	458804
15	2	67.2	18	1881	-	610798
16	3	91.2	18	1832	1661	134759
17	1	56.5	18	-	-	288306
18	1	51.2	18	-	-	441296
19	2	74.1	18	1245	-	592780
20						

Trial Number:			16			Detection
Number of Bursts in Trial:			14			(Yes/No)
Chirp Center Frequency:			5496			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	76.9	12	1140	-	158286
2	1	50.2	12	-	-	366024
3	1	62.9	12	-	-	573452
4	1	64.7	12	-	-	780619
5	3	83.8	12	1097	1621	132455
6	1	65.4	12	-	-	340207
7	1	53.2	12	-	-	548208
8	1	51.7	12	-	-	755333
9	2	78.7	12	1168	-	107117
10	2	72.4	12	1343	-	314500
11	1	53.8	12	-	-	522447
12	2	73.6	12	1553	-	728517
13	2	66.7	12	1122	-	81611
14	2	82.5	12	1019	-	288948
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Trial Number:			17			Detection
Number of Bursts in Trial:			20			(Yes/No)
Chirp Center Frequency:			5499			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	87.6	20	1055	1840	345766
2	3	85.2	20	1541	1408	490019
3	3	84.8	20	1889	1463	39073
4	2	77.9	20	1460	-	183923
5	2	76.5	20	1485	-	328777
6	1	60.9	20	-	-	474728
7	2	83	20	1010	-	21394
8	2	80.4	20	1752	-	165992
9	2	67.5	20	1181	-	310973
10	1	62.1	20	-	-	456884
11	3	86.4	20	1966	1263	3515
12	3	84.3	20	1188	1788	147928
13	2	76.9	20	1537	-	293225
14	3	95.8	20	1298	1844	436922
15	1	55.2	20	-	-	584015
16	1	59	20	-	-	130832
17	3	94.5	20	1700	1283	274684
18	3	91.9	20	1978	1165	418579
19	3	85.2	20	1551	1189	563464
20	2	69.5	20	1224	-	112787

Trial Number:			18			Detection
Number of Bursts in Trial:			12			(Yes/No)
Chirp Center Frequency:			5495			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	86.4	10	1918	1455	429224
2	3	92.2	10	1719	1895	670241
3	2	80.4	10	1899	-	912880
4	1	54.3	10	-	-	158603
5	1	53.1	10	-	-	400824
6	2	69.4	10	1546	-	641915
7	2	69.1	10	1639	-	883823
8	3	100	10	1438	1595	128373
9	2	79.6	10	1705	-	370379
10	3	88.4	10	1579	1623	611194
11	1	53.3	10	-	-	855665
12	1	65.3	10	-	-	98897
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			14			
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	55.3	12	-	-	292143
2	1	58.3	12	-	-	499633
3	2	72.3	12	1039	-	706377
4	3	84.8	12	1761	1721	58989
5	2	82.5	12	1431	-	266161
6	1	63.3	12	-	-	474469
7	2	80	12	1913	-	680544
8	3	90.3	12	1853	1123	33519
9	3	91.1	12	1783	1172	240319
10	3	96.6	12	1036	1385	447400
11	2	82.7	12	1990	-	654516
12	1	50.7	12	-	-	8083
13	2	78.4	12	1109	-	215435
14	3	99.5	12	1965	1869	421325
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Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	3	88.6	10	1067	1927	733725
2	1	57.4	10	-	-	977882
3	3	96.6	10	1658	1324	221197
4	2	69.7	10	1945	-	462915
5	2	77.9	10	1317	-	705071
6	1	62	10	-	-	947923
7	3	88.4	10	1077	1366	191373
8	3	97.3	10	1896	1367	432561
9	3	96.2	10	1787	1672	674004
10	3	95.4	10	1892	1414	915842
11	1	54.8	10	-	-	162176
12	2	80.4	10	1436	-	403553
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Channel 100 Bandwidth 20MHz

Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5501			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	69.2	20	1913	-	54893
2	1	59.9	20	-	-	200282
3	3	89.2	20	1002	1330	344293
4	3	85.7	20	1900	1165	488325
5	3	92.4	20	1797	1348	36985
6	2	81	20	1053	-	181977
7	2	68.3	20	1558	-	326750
8	3	84.9	20	1365	1003	470828
9	3	99.8	20	1889	1686	19185
10	2	72.6	20	1763	-	164022
11	3	98	20	1984	1528	307743
12	2	67.7	20	1448	-	453470
13	1	55.8	20	-	-	1408
14	2	69.7	20	1816	-	146120
15	1	62.8	20	-	-	291923
16	3	87.7	20	1109	1587	435122
17	3	88.7	20	1846	1852	578720
18	1	57.3	20	-	-	128770
19	3	91.1	20	1621	1628	272255
20	1	66.4	20	-	-	418664

Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5501			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	97.5	20	1827	1371	561314
2	1	55.6	20	-	-	110888
3	3	98.1	20	1820	1561	254458
4	2	71.9	20	1357	-	400006
5	2	72.2	20	1535	-	544737
6	1	50.9	20	-	-	92988
7	3	89.2	20	1235	1963	236930
8	3	91.1	20	1199	1713	381379
9	1	57.2	20	-	-	528025
10	1	52.2	20	-	-	74993
11	1	60.7	20	-	-	220167
12	2	78	20	1921	-	364352
13	2	82	20	1466	-	509449
14	2	81.3	20	1362	-	57019
15	3	98.2	20	1201	1960	201304
16	2	73.7	20	1978	-	346351
17	2	75.1	20	1168	-	491360
18	1	59.7	20	-	-	39259
19	3	96.9	20	1335	1266	183629
20	1	55.7	20	-	-	329701

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Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5501			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	63.3	20	-	-	474500
2	3	84.9	20	1687	1187	21292
3	1	54.8	20	-	-	166656
4	1	66.4	20	-	-	311504
5	1	65.5	20	-	-	456951
6	3	93.8	20	1446	1296	3510
7	2	79.9	20	1228	-	148405
8	2	81.8	20	1881	-	293133
9	1	66.4	20	-	-	439329
10	2	79.1	20	1871	-	582285
11	2	82.2	20	1320	-	130449
12	3	91.9	20	1977	1316	274559
13	2	67.4	20	1588	-	420036
14	3	99.6	20	1946	1025	563036
15	3	99.5	20	1639	1644	112322
16	1	63.6	20	-	-	258022
17	1	61.8	20	-	-	403513
18	2	67.3	20	1000	-	547304
19	1	63.5	20	-	-	94981
20	3	91.4	20	1787	1010	239011

Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	91.9	10	1731	1317	640674
2	2	77.3	10	1809	-	883250
3	2	77.6	10	1581	-	128585
4	3	97.6	10	1326	1603	369722
5	1	61.9	10	-	-	612812
6	2	69.9	10	1303	-	854106
7	3	85.7	10	1964	1825	98514
8	2	74.5	10	1948	-	340363
9	2	71.5	10	1488	-	582619
10	3	89.1	10	1065	1463	823119
11	1	62.5	10	-	-	69056
12	2	78.9	10	1485	-	310728
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Trial Number:			25			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5502			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	60.4	17	-	-	368627
2	3	85.4	17	1705	1456	527190
3	1	53.1	17	-	-	26127
4	1	62.5	17	-	-	187356
5	1	50.7	17	-	-	348650
6	2	81.7	17	1243	-	509526
7	1	56.3	17	-	-	6269
8	2	78.4	17	1580	-	167292
9	2	71.1	17	1493	-	328420
10	1	57.3	17	-	-	490082
11	2	74.7	17	1476	-	650539
12	2	78.2	17	1418	-	147321
13	2	70	17	1157	-	308676
14	2	68.8	17	1420	-	469539
15	1	60.6	17	-	-	631579
16	2	82.5	17	1737	-	127570
17	2	81.9	17	1391	-	288392
18	3	84.6	17	1134	1268	448930
19						
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Trial Number:			26			Detection
Number of Bursts in Trial:			12			(Yes/No)
Chirp Center Frequency:			5505			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	61.9	10	-	-	918232
2	1	57.7	10	-	-	162052
3	3	96.3	10	1247	1459	403079
4	1	55.4	10	-	-	646438
5	1	63.8	10	-	-	888923
6	3	86.1	10	1372	1682	131871
7	1	57.2	10	-	-	374263
8	1	57.3	10	-	-	616580
9	1	54.4	10	-	-	859072
10	3	95.7	10	1858	1803	102026
11	1	58.1	10	-	-	344487
12	1	55.3	10	-	-	586709
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Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			16			
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	1	60.2	15	-	-	620994
2	2	77.3	15	1761	-	54271
3	1	66.5	15	-	-	235974
4	1	53.3	15	-	-	417684
5	2	81.4	15	1396	-	597541
6	2	82	15	1444	-	31979
7	3	96.5	15	1225	1447	212833
8	3	87	15	1389	1278	393803
9	1	62.8	15	-	-	576759
10	2	80.2	15	1234	-	9680
11	1	61	15	-	-	191227
12	3	85.1	15	1236	1996	371009
13	2	70.3	15	1470	-	552880
14	3	84.5	15	1176	1482	733311
15	1	52.5	15	-	-	168977
16	3	99.5	15	1125	1061	349175
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			9			
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	77.6	6	1648	-	945085
2	3	93.1	6	1756	1363	1266719
3	1	59.2	6	-	-	260747
4	1	53.2	6	-	-	583640
5	3	92.7	6	1244	1591	905095
6	3	87	6	1801	1833	1226376
7	2	77.2	6	1631	-	220704
8	1	54.8	6	-	-	543817
9	2	82.7	6	1314	-	866348
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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:			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	55	13	-	-	764822
2	2	71.5	13	1711	-	116186
3	2	67.1	13	1246	-	323494
4	1	55.2	13	-	-	531231
5	3	93.5	13	1016	1162	737020
6	2	77.2	13	1093	-	90730
7	1	60.7	13	-	-	298371
8	2	70.3	13	1736	-	505033
9	1	65.7	13	-	-	713746
10	3	97.2	13	1183	1522	65009
11	3	97.4	13	1676	1054	271913
12	1	61.6	13	-	-	480163
13	2	66.7	13	1828	-	686507
14	3	87.5	13	1951	1325	39505
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Trial Number:			30			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	78.6	8	1477	-	314210
2	3	86	8	1489	1130	577748
3	3	94.9	8	1369	1131	841320
4	2	71.7	8	1652	-	17952
5	2	81.8	8	1029	-	281933
6	3	96.8	8	1872	1092	544914
7	1	61.1	8	-	-	810289
8	3	85.2	8	1849	1712	1071215
9	2	79.4	8	1970	-	249291
10	3	83.5	8	1229	1211	512939
11	1	57.7	8	-	-	777872
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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	10	1432.66	698	Yes
2	17	1193.32	838	Yes
3	1	1930.50	518	Yes
4	15	1253.13	798	Yes
5	3	1792.11	558	Yes
6	9	1474.93	678	Yes
7	12	1355.01	738	Yes
8	11	1392.76	718	Yes
9	6	1618.12	618	Yes
10	18	1165.50	858	Yes
11	22	1066.10	938	Yes
12	7	1567.40	638	Yes
13	21	1089.32	918	Yes
14	8	1519.76	658	Yes
15	20	1113.59	898	Yes
16		394.17	2537	Yes
17		712.76	1403	Yes
18		466.64	2143	Yes
19		331.13	3020	Yes
20		422.65	2366	No
21		466.85	2142	Yes
22		815.00	1227	Yes
23		1216.55	822	Yes
24		843.88	1185	Yes
25		922.51	1084	Yes
26		455.17	2197	No
27		547.65	1826	Yes
28		329.92	3031	Yes
29		346.14	2889	Yes
30		791.14	1264	Yes

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	24	1.60	168	Yes
2	23	1.50	223	Yes
3	24	1.60	167	Yes
4	26	3.30	157	Yes
5	27	3.50	173	Yes
6	23	1.40	203	Yes
7	23	1.10	196	Yes
8	27	3.30	229	No
9	26	2.90	182	Yes
10	27	3.80	156	Yes
11	29	4.90	216	Yes
12	28	3.90	161	Yes
13	23	1.00	207	Yes
14	29	5.00	190	Yes
15	28	4.40	193	Yes
16	24	2.10	170	Yes
17	24	2.10	186	Yes
18	24	2.10	204	Yes
19	28	4.00	213	No
20	29	4.80	180	Yes
21	29	4.80	160	Yes
22	29	4.90	169	Yes
23	29	5.00	185	Yes
24	25	2.30	162	Yes
25	28	4.20	205	Yes
26	25	2.30	214	Yes
27	27	3.70	174	Yes
28	23	1.30	201	Yes
29	26	3.10	177	Yes
30	24	1.90	218	No

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	16	6.60	298	Yes
2	16	6.50	360	No
3	16	6.60	422	Yes
4	17	8.30	301	Yes
5	17	8.50	419	Yes
6	16	6.40	349	Yes
7	16	6.10	423	Yes
8	17	8.30	493	Yes
9	17	7.90	396	Yes
10	18	8.80	275	Yes
11	18	9.90	282	Yes
12	18	8.90	238	Yes
13	16	6.00	250	Yes
14	18	10.00	332	Yes
15	18	9.40	289	Yes
16	16	7.10	312	Yes
17	16	7.10	370	Yes
18	16	7.10	258	Yes
19	18	9.00	389	Yes
20	18	9.80	292	Yes
21	18	9.80	244	Yes
22	18	9.90	288	Yes
23	18	10.00	340	Yes
24	17	7.30	445	Yes
25	18	9.20	428	Yes
26	17	7.30	421	Yes
27	18	8.70	435	Yes
28	16	6.30	273	Yes
29	17	8.10	363	Yes
30	16	6.90	296	Yes

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	12	12.30	298	Yes
2	12	12.20	360	Yes
3	12	12.50	422	Yes
4	14	16.10	301	Yes
5	15	16.50	419	Yes
6	12	12.00	349	Yes
7	12	11.40	423	Yes
8	14	16.20	493	Yes
9	14	15.30	396	Yes
10	15	17.40	275	Yes
11	16	19.70	282	Yes
12	15	17.60	238	Yes
13	12	11.10	250	Yes
14	16	19.90	332	Yes
15	16	18.70	289	Yes
16	13	13.50	312	Yes
17	13	13.50	370	Yes
18	13	13.50	258	Yes
19	15	17.70	389	Yes
20	16	19.50	292	Yes
21	16	19.60	244	Yes
22	16	19.80	288	Yes
23	16	19.90	340	Yes
24	13	14.00	445	Yes
25	16	18.30	428	Yes
26	13	14.00	421	Yes
27	15	17.10	435	Yes
28	12	11.80	273	Yes
29	14	15.70	363	Yes
30	13	13.20	296	Yes

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	57.6	7	-	-	527024
2	1	57	7	-	-	850034
3	1	58.3	7	-	-	1173488
4	2	78.4	7	1869	-	164134
5	2	80.6	7	1301	-	487021
6	1	55.8	7	-	-	810230
7	1	52.3	7	-	-	1133566
8	2	79	7	1144	-	124492
9	2	74	7	1566	-	446938
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	85.2	7	1405	1169	769042
2	3	98.1	7	1638	1830	1090625
3	3	86.5	7	1647	1708	84579
4	1	50.8	7	-	-	407901
5	3	99.4	7	1342	1997	728785
6	3	92.5	7	1907	1077	1051691
7	1	63.8	7	-	-	45026
8	1	64.1	7	-	-	368019
9	1	63.9	7	-	-	691057
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	87.3	7	1153	1981	909884
2	3	96.8	7	1632	1259	4698
3	3	97.6	7	1750	1932	294585
4	3	98.7	7	1993	1571	584538
5	3	99.2	7	1106	1137	875214
6	2	66.9	7	1519	-	1166326
7	3	90.2	7	1038	1892	258909
8	2	67	7	1943	-	549445
9	3	83.8	7	1767	1543	838640
10	1	54.5	7	-	-	1131528
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Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	76	14	1242	-	148789
2	1	62.1	14	-	-	342859
3	3	84.5	14	1251	1089	534581
4	3	83.9	14	1452	1971	726860
5	1	65.4	14	-	-	125236
6	3	84.4	14	1563	1315	317778
7	1	55.4	14	-	-	512636
8	2	68.5	14	1024	-	705080
9	3	84	14	1663	1249	100984
10	2	79.2	14	1262	-	294548
11	1	54.5	14	-	-	488924
12	2	82.3	14	1464	-	681455
13	3	85.8	14	1664	1617	77195
14	3	87.3	14	1160	1957	270159
15	2	72.4	14	1307	-	464255
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	65.6	14	-	-	658396
2	2	71.4	14	1044	-	53580
3	3	97.8	14	1904	1980	246039
4	3	90.7	14	1891	1666	438819
5	1	63.3	14	-	-	634887
6	3	90	14	1661	1126	29710
7	2	76.8	14	1226	-	223193
8	2	82.7	14	1771	-	416455
9	3	88.7	14	1569	1985	608298
10	2	71.9	14	1791	-	5952
11	1	66.1	14	-	-	199624
12	3	96.3	14	1727	1293	391630
13	1	59	14	-	-	587269
14	1	57.9	14	-	-	780316
15	3	91.5	14	1245	1261	175281
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Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	88.3	6	1195	1529	614692
2	1	63.6	6	-	-	938892
3	2	72	6	1598	-	1260835
4	3	97.9	6	1005	1051	253013
5	1	53	6	-	-	576423
6	1	61.9	6	-	-	899532
7	1	50.7	6	-	-	1221996
8	1	64.1	6	-	-	213547
9	2	71.1	6	1936	-	535980
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

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	66.5	5	-	-	966922
2	3	93.9	5	1604	1657	1327552
3	2	73.9	5	1961	-	195277
4	2	79.9	5	1207	-	558523
5	3	84.9	5	1048	1590	920999
6	1	59.4	5	-	-	1285990
7	1	54.9	5	-	-	150794
8	1	60.9	5	-	-	514063
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	60.2	14	-	-	467575
2	2	76.3	14	1019	-	660754
3	3	83.6	14	1174	1424	56327
4	3	95.5	14	1188	1931	249142
5	3	92.4	14	1531	1022	442641
6	2	76.3	14	1429	-	636423
7	2	70.5	14	1885	-	32580
8	1	64.6	14	-	-	226227
9	3	99.2	14	1523	1337	418252
10	2	79.5	14	1570	-	612409
11	3	95.9	14	1915	1170	8752
12	1	61.9	14	-	-	202436
13	3	99.3	14	1599	1721	394651
14	3	88.2	14	1289	1098	587662
15	3	96.5	14	1995	1274	779845
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			9			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	1	60.6	12	-	-	191267
2	3	92.5	12	1221	1678	397401
3	3	91	12	1908	1414	604126
4	3	90.9	12	1715	1940	810744
5	1	60.2	12	-	-	165847
6	3	88	12	1585	1925	371987
7	3	84.2	12	1507	1327	578642
8	1	60.5	12	-	-	788468
9	1	64.9	12	-	-	140234
10	1	57.2	12	-	-	347642
11	2	76.7	12	1042	-	554463
12	2	74.2	12	1496	-	761629
13	2	69.4	12	1748	-	114503
14	1	66	12	-	-	322127
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	96.9	16	1762	1155	434180
2	3	97.8	16	1015	1897	604637
3	2	79.3	16	1893	-	73185
4	2	66.9	16	1902	-	243388
5	1	55.1	16	-	-	414768
6	3	86	16	1020	1655	583667
7	2	82.8	16	1945	-	52211
8	2	74.3	16	1878	-	222464
9	3	96	16	1928	1866	391674
10	3	96	16	1572	1445	562749
11	3	87.4	16	1610	1178	31166
12	1	51.5	16	-	-	202217
13	2	83.2	16	1277	-	372490
14	1	53.9	16	-	-	543797
15	2	82.4	16	1018	-	10225
16	1	54.9	16	-	-	181124
17	1	52.1	16	-	-	351669
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			11			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	2	71.8	20	1778	-	442881
2	2	78.4	20	1684	-	587802
3	3	97.4	20	1728	1312	135280
4	1	63.3	20	-	-	281122
5	3	87.4	20	1775	1532	424239
6	3	94	20	1031	1549	569098
7	2	68.5	20	1088	-	117977
8	3	94.8	20	1991	1283	261827
9	2	73	20	1773	-	407518
10	2	76.1	20	1196	-	552180
11	1	65.7	20	-	-	100214
12	2	68.7	20	1643	-	244814
13	3	88.3	20	1843	1674	388372
14	1	65.7	20	-	-	535293
15	1	52.1	20	-	-	82387
16	1	51	20	-	-	227396
17	3	98.7	20	1719	1148	371075
18	1	52.2	20	-	-	517760
19	2	81.7	20	1582	-	64305
20	1	66.6	20	-	-	209529

Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	95	16	1471	1292	415953
2	3	94.2	16	1772	1468	585393
3	1	52.1	16	-	-	54801
4	1	63.7	16	-	-	225668
5	3	86.3	16	1671	1784	394663
6	3	96.6	16	1860	1442	564316
7	3	95.1	16	1275	1855	33642
8	1	53.5	16	-	-	204487
9	1	58.7	16	-	-	375313
10	1	54.7	16	-	-	546597
11	2	80.3	16	1427	-	12699
12	2	78.1	16	1127	-	183260
13	1	59.9	16	-	-	354442
14	1	55	16	-	-	525030
15	1	54.8	16	-	-	696248
16	3	95.9	16	1406	1421	161942
17	2	72.1	16	1838	-	332483
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			13			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	52.6	5	-	-	1072478
2	1	59.5	5	-	-	1436036
3	1	53.8	5	-	-	300917
4	1	60.8	5	-	-	664254
5	2	72.2	5	1817	-	1026303
6	2	82.2	5	1439	-	1389815
7	1	59.9	5	-	-	256155
8	2	67	5	1912	-	618813
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Trial Number:			14			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	55.6	20	-	-	392733
2	1	57.7	20	-	-	538110
3	2	80.2	20	1499	-	84213
4	3	85.3	20	1863	1788	228378
5	1	50.5	20	-	-	375012
6	3	84.6	20	1479	1484	517767
7	1	51.6	20	-	-	66620
8	1	50.7	20	-	-	211576
9	3	88.4	20	1074	1076	355386
10	1	57.2	20	-	-	502379
11	2	77.7	20	1851	-	48512
12	2	76.2	20	1079	-	193471
13	3	83.7	20	1834	1636	337152
14	2	77	20	1956	-	482775
15	3	90.8	20	1789	1231	30677
16	3	98.9	20	1422	1390	175212
17	1	64.9	20	-	-	320962
18	3	86	20	1847	1059	464071
19	2	68.2	20	1812	-	12896
20	3	95.9	20	1768	1681	157293

DFS Radar Parameters
FCC Radar Type 5
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Trial Number:			15			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	3	87.6	18	1353	1724	317796
2	1	58.7	18	-	-	471747
3	2	83.2	18	1173	-	624097
4	1	60.8	18	-	-	147690
5	1	56.2	18	-	-	300580
6	2	79	18	1515	-	452029
7	3	96	18	1831	1707	602459
8	3	92.8	18	1741	1609	128152
9	2	77.9	18	1770	-	280926
10	1	55.8	18	-	-	434601
11	2	72.8	18	1545	-	585872
12	1	61.9	18	-	-	109975
13	3	92.3	18	1359	1990	261413
14	3	96.7	18	1290	1336	413690
15	2	80.6	18	1467	-	567028
16	3	88.9	18	1744	1670	90679
17	1	64.8	18	-	-	243926
18	2	68.3	18	1378	-	396028
19	1	58.2	18	-	-	549853
20						

Trial Number:			16			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	2	70.2	9	1942	-	124798
2	2	78.7	9	1738	-	388632
3	2	77.4	9	1596	-	652519
4	2	71.6	9	1689	-	916422
5	3	97.9	9	2000	1815	92205
6	2	77.2	9	1760	-	356073
7	2	69.6	9	1349	-	620157
8	3	88.4	9	1699	1623	882426
9	2	75.7	9	1497	-	59877
10	2	68.7	9	1033	-	323725
11	1	54.9	9	-	-	588320
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			17			Detection
Number of Bursts in Trial:			11			(Yes/No)
Chirp Center Frequency:			5495			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	95.9	9	1191	1512	850242
2	3	86.3	9	1280	1099	27332
3	1	64	9	-	-	291616
4	1	64	9	-	-	556072
5	2	79.4	9	1999	-	818457
6	3	97	9	1792	1973	1080162
7	2	74.5	9	1132	-	258793
8	2	69.4	9	1740	-	522653
9	2	79	9	1877	-	786165
10	2	71.5	9	1241	-	1050527
11	3	88.6	9	1400	1630	225849
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Trial Number:			18			Detection
Number of Bursts in Trial:			11			(Yes/No)
Chirp Center Frequency:			5495			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	58.8	9	-	-	490672
2	2	72.8	9	1726	-	753492
3	2	82.6	9	1629	-	1017777
4	3	84.4	9	1114	1322	193591
5	1	65.7	9	-	-	458231
6	3	84	9	1905	1691	720062
7	3	87	9	1753	1299	984311
8	3	96.5	9	1516	1147	161090
9	1	51.9	9	-	-	425630
10	3	84.1	9	1637	1305	688034
11	3	96.7	9	1875	1358	950854
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	77.8	16	1486	-	83174
2	3	98	16	1544	1217	253076
3	2	67.2	16	1121	-	424610
4	1	60.2	16	-	-	595787
5	3	87.1	16	1341	1832	62026
6	3	85.3	16	1171	1285	232213
7	3	83.7	16	1651	1118	402215
8	3	86.6	16	1458	1552	572054
9	3	90.6	16	1923	1618	41047
10	2	70.3	16	1388	-	211782
11	2	74	16	1976	-	381678
12	2	73	16	1562	-	552187
13	1	59.9	16	-	-	20201
14	3	86.5	16	1615	1808	190122
15	3	98	16	1110	1441	360819
16	2	78.2	16	1880	-	531106
17	2	67.3	16	1867	-	701889
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Trial Number:			20			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	83.6	19	1410	1100	143766
2	1	64.3	19	-	-	289752
3	3	95.5	19	1309	1355	432739
4	3	89.3	19	1967	1836	575979
5	3	86.7	19	1123	1819	125915
6	2	81.6	19	1837	-	270721
7	2	69.8	19	1714	-	416011
8	1	54.6	19	-	-	562054
9	3	89.1	19	1166	1688	108174
10	1	63.4	19	-	-	253802
11	1	61.5	19	-	-	399083
12	3	85.7	19	1340	1554	541212
13	1	51.4	19	-	-	90777
14	2	79.2	19	1208	-	235538
15	2	66.7	19	1680	-	379781
16	2	70.8	19	1154	-	525191
17	3	99.3	19	1513	1436	72596
18	1	58.4	19	-	-	218193
19	1	66	19	-	-	363215
20	3	96.9	19	1067	1443	506313

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

Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5520			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	69.2	20	1913	-	54893
2	1	59.9	20	-	-	200282
3	3	89.2	20	1002	1330	344293
4	3	85.7	20	1900	1165	488325
5	3	92.4	20	1797	1348	36985
6	2	81	20	1053	-	181977
7	2	68.3	20	1558	-	326750
8	3	84.9	20	1365	1003	470828
9	3	99.8	20	1889	1686	19185
10	2	72.6	20	1763	-	164022
11	3	98	20	1984	1528	307743
12	2	67.7	20	1448	-	453470
13	1	55.8	20	-	-	1408
14	2	69.7	20	1816	-	146120
15	1	62.8	20	-	-	291923
16	3	87.7	20	1109	1587	435122
17	3	88.7	20	1846	1852	578720
18	1	57.3	20	-	-	128770
19	3	91.1	20	1621	1628	272255
20	1	66.4	20	-	-	418664

Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5520			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	97.5	20	1827	1371	561314
2	1	55.6	20	-	-	110888
3	3	98.1	20	1820	1561	254458
4	2	71.9	20	1357	-	400006
5	2	72.2	20	1535	-	544737
6	1	50.9	20	-	-	92988
7	3	89.2	20	1235	1963	236930
8	3	91.1	20	1199	1713	381379
9	1	57.2	20	-	-	528025
10	1	52.2	20	-	-	74993
11	1	60.7	20	-	-	220167
12	2	78	20	1921	-	364352
13	2	82	20	1466	-	509449
14	2	81.3	20	1362	-	57019
15	3	98.2	20	1201	1960	201304
16	2	73.7	20	1978	-	346351
17	2	75.1	20	1168	-	491360
18	1	59.7	20	-	-	39259
19	3	96.9	20	1335	1266	183629
20	1	55.7	20	-	-	329701

DFS Radar Parameters
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Channel 102 Bandwidth 40MHz

Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5520			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	63.3	20	-	-	474500
2	3	84.9	20	1687	1187	21292
3	1	54.8	20	-	-	166656
4	1	66.4	20	-	-	311504
5	1	65.5	20	-	-	456951
6	3	93.8	20	1446	1296	3510
7	2	79.9	20	1228	-	148405
8	2	81.8	20	1881	-	293133
9	1	66.4	20	-	-	439329
10	2	79.1	20	1871	-	582285
11	2	82.2	20	1320	-	130449
12	3	91.9	20	1977	1316	274559
13	2	67.4	20	1588	-	420036
14	3	99.6	20	1946	1025	563036
15	3	99.5	20	1639	1644	112322
16	1	63.6	20	-	-	258022
17	1	61.8	20	-	-	403513
18	2	67.3	20	1000	-	547304
19	1	63.5	20	-	-	94981
20	3	91.4	20	1787	1010	239011

Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	91.9	10	1731	1317	640674
2	2	77.3	10	1809	-	883250
3	2	77.6	10	1581	-	128585
4	3	97.6	10	1326	1603	369722
5	1	61.9	10	-	-	612812
6	2	69.9	10	1303	-	854106
7	3	85.7	10	1964	1825	98514
8	2	74.5	10	1948	-	340363
9	2	71.5	10	1488	-	582619
10	3	89.1	10	1065	1463	823119
11	1	62.5	10	-	-	69056
12	2	78.9	10	1485	-	310728
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			25			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5522			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	60.4	17	-	-	368627
2	3	85.4	17	1705	1456	527190
3	1	53.1	17	-	-	26127
4	1	62.5	17	-	-	187356
5	1	50.7	17	-	-	348650
6	2	81.7	17	1243	-	509526
7	1	56.3	17	-	-	6269
8	2	78.4	17	1580	-	167292
9	2	71.1	17	1493	-	328420
10	1	57.3	17	-	-	490082
11	2	74.7	17	1476	-	650539
12	2	78.2	17	1418	-	147321
13	2	70	17	1157	-	308676
14	2	68.8	17	1420	-	469539
15	1	60.6	17	-	-	631579
16	2	82.5	17	1737	-	127570
17	2	81.9	17	1391	-	288392
18	3	84.6	17	1134	1268	448930
19						
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Trial Number:			26			Detection
Number of Bursts in Trial:			12			(Yes/No)
Chirp Center Frequency:			5524			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	61.9	10	-	-	918232
2	1	57.7	10	-	-	162052
3	3	96.3	10	1247	1459	403079
4	1	55.4	10	-	-	646438
5	1	63.8	10	-	-	888923
6	3	86.1	10	1372	1682	131871
7	1	57.2	10	-	-	374263
8	1	57.3	10	-	-	616580
9	1	54.4	10	-	-	859072
10	3	95.7	10	1858	1803	102026
11	1	58.1	10	-	-	344487
12	1	55.3	10	-	-	586709
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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:			16			
Chirp Center Frequency:			5522			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	60.2	15	-	-	620994
2	2	77.3	15	1761	-	54271
3	1	66.5	15	-	-	235974
4	1	53.3	15	-	-	417684
5	2	81.4	15	1396	-	597541
6	2	82	15	1444	-	31979
7	3	96.5	15	1225	1447	212833
8	3	87	15	1389	1278	393803
9	1	62.8	15	-	-	576759
10	2	80.2	15	1234	-	9680
11	1	61	15	-	-	191227
12	3	85.1	15	1236	1996	371009
13	2	70.3	15	1470	-	552880
14	3	84.5	15	1176	1482	733311
15	1	52.5	15	-	-	168977
16	3	99.5	15	1125	1061	349175
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5526			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	77.6	6	1648	-	945085
2	3	93.1	6	1756	1363	1266719
3	1	59.2	6	-	-	260747
4	1	53.2	6	-	-	583640
5	3	92.7	6	1244	1591	905095
6	3	87	6	1801	1833	1226376
7	2	77.2	6	1631	-	220704
8	1	54.8	6	-	-	543817
9	2	82.7	6	1314	-	866348
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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:			14			
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	1	55	13	-	-	764822
2	2	71.5	13	1711	-	116186
3	2	67.1	13	1246	-	323494
4	1	55.2	13	-	-	531231
5	3	93.5	13	1016	1162	737020
6	2	77.2	13	1093	-	90730
7	1	60.7	13	-	-	298371
8	2	70.3	13	1736	-	505033
9	1	65.7	13	-	-	713746
10	3	97.2	13	1183	1522	65009
11	3	97.4	13	1676	1054	271913
12	1	61.6	13	-	-	480163
13	2	66.7	13	1828	-	686507
14	3	87.5	13	1951	1325	39505
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Trial Number:			30			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	78.6	8	1477	-	314210
2	3	86	8	1489	1130	577748
3	3	94.9	8	1369	1131	841320
4	2	71.7	8	1652	-	17952
5	2	81.8	8	1029	-	281933
6	3	96.8	8	1872	1092	544914
7	1	61.1	8	-	-	810289
8	3	85.2	8	1849	1712	1071215
9	2	79.4	8	1970	-	249291
10	3	83.5	8	1229	1211	512939
11	1	57.7	8	-	-	777872
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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	10	1432.66	698	Yes
2	17	1193.32	838	Yes
3	1	1930.50	518	Yes
4	15	1253.13	798	Yes
5	3	1792.11	558	Yes
6	9	1474.93	678	Yes
7	12	1355.01	738	Yes
8	11	1392.76	718	Yes
9	6	1618.12	618	Yes
10	18	1165.50	858	Yes
11	22	1066.10	938	Yes
12	7	1567.40	638	Yes
13	21	1089.32	918	No
14	8	1519.76	658	Yes
15	20	1113.59	898	Yes
16		394.17	2537	Yes
17		712.76	1403	Yes
18		466.64	2143	Yes
19		331.13	3020	Yes
20		422.65	2366	No
21		466.85	2142	Yes
22		815.00	1227	Yes
23		1216.55	822	Yes
24		843.88	1185	No
25		922.51	1084	Yes
26		455.17	2197	Yes
27		547.65	1826	Yes
28		329.92	3031	Yes
29		346.14	2889	Yes
30		791.14	1264	No

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	24	1.60	168	Yes
2	23	1.50	223	Yes
3	24	1.60	167	Yes
4	26	3.30	157	Yes
5	27	3.50	173	Yes
6	23	1.40	203	Yes
7	23	1.10	196	Yes
8	27	3.30	229	Yes
9	26	2.90	182	Yes
10	27	3.80	156	Yes
11	29	4.90	216	Yes
12	28	3.90	161	Yes
13	23	1.00	207	Yes
14	29	5.00	190	Yes
15	28	4.40	193	Yes
16	24	2.10	170	Yes
17	24	2.10	186	No
18	24	2.10	204	Yes
19	28	4.00	213	Yes
20	29	4.80	180	Yes
21	29	4.80	160	No
22	29	4.90	169	Yes
23	29	5.00	185	Yes
24	25	2.30	162	Yes
25	28	4.20	205	Yes
26	25	2.30	214	No
27	27	3.70	174	Yes
28	23	1.30	201	Yes
29	26	3.10	177	No
30	24	1.90	218	Yes

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	16	6.60	298	Yes
2	16	6.50	360	Yes
3	16	6.60	422	Yes
4	17	8.30	301	No
5	17	8.50	419	Yes
6	16	6.40	349	No
7	16	6.10	423	Yes
8	17	8.30	493	Yes
9	17	7.90	396	Yes
10	18	8.80	275	Yes
11	18	9.90	282	No
12	18	8.90	238	Yes
13	16	6.00	250	Yes
14	18	10.00	332	Yes
15	18	9.40	289	Yes
16	16	7.10	312	Yes
17	16	7.10	370	Yes
18	16	7.10	258	Yes
19	18	9.00	389	Yes
20	18	9.80	292	Yes
21	18	9.80	244	Yes
22	18	9.90	288	Yes
23	18	10.00	340	Yes
24	17	7.30	445	No
25	18	9.20	428	Yes
26	17	7.30	421	Yes
27	18	8.70	435	Yes
28	16	6.30	273	Yes
29	17	8.10	363	Yes
30	16	6.90	296	Yes

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	12	12.30	298	Yes
2	12	12.20	360	Yes
3	12	12.50	422	Yes
4	14	16.10	301	Yes
5	15	16.50	419	Yes
6	12	12.00	349	Yes
7	12	11.40	423	Yes
8	14	16.20	493	Yes
9	14	15.30	396	Yes
10	15	17.40	275	Yes
11	16	19.70	282	Yes
12	15	17.60	238	Yes
13	12	11.10	250	Yes
14	16	19.90	332	Yes
15	16	18.70	289	Yes
16	13	13.50	312	Yes
17	13	13.50	370	Yes
18	13	13.50	258	No
19	15	17.70	389	Yes
20	16	19.50	292	Yes
21	16	19.60	244	No
22	16	19.80	288	Yes
23	16	19.90	340	Yes
24	13	14.00	445	Yes
25	16	18.30	428	Yes
26	13	14.00	421	Yes
27	15	17.10	435	Yes
28	12	11.80	273	Yes
29	14	15.70	363	Yes
30	13	13.20	296	No

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

Trial Number:			1			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	57.6	7	-	-	527024
2	1	57	7	-	-	850034
3	1	58.3	7	-	-	1173488
4	2	78.4	7	1869	-	164134
5	2	80.6	7	1301	-	487021
6	1	55.8	7	-	-	810230
7	1	52.3	7	-	-	1133566
8	2	79	7	1144	-	124492
9	2	74	7	1566	-	446938
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Trial Number:			2			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	3	85.2	7	1405	1169	769042
2	3	98.1	7	1638	1830	1090625
3	3	86.5	7	1647	1708	84579
4	1	50.8	7	-	-	407901
5	3	99.4	7	1342	1997	728785
6	3	92.5	7	1907	1077	1051691
7	1	63.8	7	-	-	45026
8	1	64.1	7	-	-	368019
9	1	63.9	7	-	-	691057
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			3			Detection
Number of Bursts in Trial:			10			(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	87.3	7	1153	1981	909884
2	3	96.8	7	1632	1259	4698
3	3	97.6	7	1750	1932	294585
4	3	98.7	7	1993	1571	584538
5	3	99.2	7	1106	1137	875214
6	2	66.9	7	1519	-	1166326
7	3	90.2	7	1038	1892	258909
8	2	67	7	1943	-	549445
9	3	83.8	7	1767	1543	838640
10	1	54.5	7	-	-	1131528
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Trial Number:			4			Detection
Number of Bursts in Trial:			15			(Yes/No)
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	76	14	1242	-	148789
2	1	62.1	14	-	-	342859
3	3	84.5	14	1251	1089	534581
4	3	83.9	14	1452	1971	726860
5	1	65.4	14	-	-	125236
6	3	84.4	14	1563	1315	317778
7	1	55.4	14	-	-	512636
8	2	68.5	14	1024	-	705080
9	3	84	14	1663	1249	100984
10	2	79.2	14	1262	-	294548
11	1	54.5	14	-	-	488924
12	2	82.3	14	1464	-	681455
13	3	85.8	14	1664	1617	77195
14	3	87.3	14	1160	1957	270159
15	2	72.4	14	1307	-	464255
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			5			Detection
Number of Bursts in Trial:			15			(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	65.6	14	-	-	658396
2	2	71.4	14	1044	-	53580
3	3	97.8	14	1904	1980	246039
4	3	90.7	14	1891	1666	438819
5	1	63.3	14	-	-	634887
6	3	90	14	1661	1126	29710
7	2	76.8	14	1226	-	223193
8	2	82.7	14	1771	-	416455
9	3	88.7	14	1569	1985	608298
10	2	71.9	14	1791	-	5952
11	1	66.1	14	-	-	199624
12	3	96.3	14	1727	1293	391630
13	1	59	14	-	-	587269
14	1	57.9	14	-	-	780316
15	3	91.5	14	1245	1261	175281
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Trial Number:			6			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	3	88.3	6	1195	1529	614692
2	1	63.6	6	-	-	938892
3	2	72	6	1598	-	1260835
4	3	97.9	6	1005	1051	253013
5	1	53	6	-	-	576423
6	1	61.9	6	-	-	899532
7	1	50.7	6	-	-	1221996
8	1	64.1	6	-	-	213547
9	2	71.1	6	1936	-	535980
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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	66.5	5	-	-	966922
2	3	93.9	5	1604	1657	1327552
3	2	73.9	5	1961	-	195277
4	2	79.9	5	1207	-	558523
5	3	84.9	5	1048	1590	920999
6	1	59.4	5	-	-	1285990
7	1	54.9	5	-	-	150794
8	1	60.9	5	-	-	514063
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Trial Number:			8			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	1	60.2	14	-	-	467575
2	2	76.3	14	1019	-	660754
3	3	83.6	14	1174	1424	56327
4	3	95.5	14	1188	1931	249142
5	3	92.4	14	1531	1022	442641
6	2	76.3	14	1429	-	636423
7	2	70.5	14	1885	-	32580
8	1	64.6	14	-	-	226227
9	3	99.2	14	1523	1337	418252
10	2	79.5	14	1570	-	612409
11	3	95.9	14	1915	1170	8752
12	1	61.9	14	-	-	202436
13	3	99.3	14	1599	1721	394651
14	3	88.2	14	1289	1098	587662
15	3	96.5	14	1995	1274	779845
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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:			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	1	60.6	12	-	-	191267
2	3	92.5	12	1221	1678	397401
3	3	91	12	1908	1414	604126
4	3	90.9	12	1715	1940	810744
5	1	60.2	12	-	-	165847
6	3	88	12	1585	1925	371987
7	3	84.2	12	1507	1327	578642
8	1	60.5	12	-	-	788468
9	1	64.9	12	-	-	140234
10	1	57.2	12	-	-	347642
11	2	76.7	12	1042	-	554463
12	2	74.2	12	1496	-	761629
13	2	69.4	12	1748	-	114503
14	1	66	12	-	-	322127
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	96.9	16	1762	1155	434180
2	3	97.8	16	1015	1897	604637
3	2	79.3	16	1893	-	73185
4	2	66.9	16	1902	-	243388
5	1	55.1	16	-	-	414768
6	3	86	16	1020	1655	583667
7	2	82.8	16	1945	-	52211
8	2	74.3	16	1878	-	222464
9	3	96	16	1928	1866	391674
10	3	96	16	1572	1445	562749
11	3	87.4	16	1610	1178	31166
12	1	51.5	16	-	-	202217
13	2	83.2	16	1277	-	372490
14	1	53.9	16	-	-	543797
15	2	82.4	16	1018	-	10225
16	1	54.9	16	-	-	181124
17	1	52.1	16	-	-	351669
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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:			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	2	71.8	20	1778	-	442881
2	2	78.4	20	1684	-	587802
3	3	97.4	20	1728	1312	135280
4	1	63.3	20	-	-	281122
5	3	87.4	20	1775	1532	424239
6	3	94	20	1031	1549	569098
7	2	68.5	20	1088	-	117977
8	3	94.8	20	1991	1283	261827
9	2	73	20	1773	-	407518
10	2	76.1	20	1196	-	552180
11	1	65.7	20	-	-	100214
12	2	68.7	20	1643	-	244814
13	3	88.3	20	1843	1674	388372
14	1	65.7	20	-	-	535293
15	1	52.1	20	-	-	82387
16	1	51	20	-	-	227396
17	3	98.7	20	1719	1148	371075
18	1	52.2	20	-	-	517760
19	2	81.7	20	1582	-	64305
20	1	66.6	20	-	-	209529

Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	95	16	1471	1292	415953
2	3	94.2	16	1772	1468	585393
3	1	52.1	16	-	-	54801
4	1	63.7	16	-	-	225668
5	3	86.3	16	1671	1784	394663
6	3	96.6	16	1860	1442	564316
7	3	95.1	16	1275	1855	33642
8	1	53.5	16	-	-	204487
9	1	58.7	16	-	-	375313
10	1	54.7	16	-	-	546597
11	2	80.3	16	1427	-	12699
12	2	78.1	16	1127	-	183260
13	1	59.9	16	-	-	354442
14	1	55	16	-	-	525030
15	1	54.8	16	-	-	696248
16	3	95.9	16	1406	1421	161942
17	2	72.1	16	1838	-	332483
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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:			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	52.6	5	-	-	1072478
2	1	59.5	5	-	-	1436036
3	1	53.8	5	-	-	300917
4	1	60.8	5	-	-	664254
5	2	72.2	5	1817	-	1026303
6	2	82.2	5	1439	-	1389815
7	1	59.9	5	-	-	256155
8	2	67	5	1912	-	618813
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Trial Number:			14			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	55.6	20	-	-	392733
2	1	57.7	20	-	-	538110
3	2	80.2	20	1499	-	84213
4	3	85.3	20	1863	1788	228378
5	1	50.5	20	-	-	375012
6	3	84.6	20	1479	1484	517767
7	1	51.6	20	-	-	66620
8	1	50.7	20	-	-	211576
9	3	88.4	20	1074	1076	355386
10	1	57.2	20	-	-	502379
11	2	77.7	20	1851	-	48512
12	2	76.2	20	1079	-	193471
13	3	83.7	20	1834	1636	337152
14	2	77	20	1956	-	482775
15	3	90.8	20	1789	1231	30677
16	3	98.9	20	1422	1390	175212
17	1	64.9	20	-	-	320962
18	3	86	20	1847	1059	464071
19	2	68.2	20	1812	-	12896
20	3	95.9	20	1768	1681	157293

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

Trial Number:			15			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	3	87.6	18	1353	1724	317796
2	1	58.7	18	-	-	471747
3	2	83.2	18	1173	-	624097
4	1	60.8	18	-	-	147690
5	1	56.2	18	-	-	300580
6	2	79	18	1515	-	452029
7	3	96	18	1831	1707	602459
8	3	92.8	18	1741	1609	128152
9	2	77.9	18	1770	-	280926
10	1	55.8	18	-	-	434601
11	2	72.8	18	1545	-	585872
12	1	61.9	18	-	-	109975
13	3	92.3	18	1359	1990	261413
14	3	96.7	18	1290	1336	413690
15	2	80.6	18	1467	-	567028
16	3	88.9	18	1744	1670	90679
17	1	64.8	18	-	-	243926
18	2	68.3	18	1378	-	396028
19	1	58.2	18	-	-	549853
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			11			
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	70.2	9	1942	-	124798
2	2	78.7	9	1738	-	388632
3	2	77.4	9	1596	-	652519
4	2	71.6	9	1689	-	916422
5	3	97.9	9	2000	1815	92205
6	2	77.2	9	1760	-	356073
7	2	69.6	9	1349	-	620157
8	3	88.4	9	1699	1623	882426
9	2	75.7	9	1497	-	59877
10	2	68.7	9	1033	-	323725
11	1	54.9	9	-	-	588320
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DFS Radar Parameters
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Channel 106 Bandwidth 80MHz

Trial Number:			17			Detection
Number of Bursts in Trial:			11			(Yes/No)
Chirp Center Frequency:			5496			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	95.9	9	1191	1512	850242
2	3	86.3	9	1280	1099	27332
3	1	64	9	-	-	291616
4	1	64	9	-	-	556072
5	2	79.4	9	1999	-	818457
6	3	97	9	1792	1973	1080162
7	2	74.5	9	1132	-	258793
8	2	69.4	9	1740	-	522653
9	2	79	9	1877	-	786165
10	2	71.5	9	1241	-	1050527
11	3	88.6	9	1400	1630	225849
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Trial Number:			18			Detection
Number of Bursts in Trial:			11			(Yes/No)
Chirp Center Frequency:			5496			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	58.8	9	-	-	490672
2	2	72.8	9	1726	-	753492
3	2	82.6	9	1629	-	1017777
4	3	84.4	9	1114	1322	193591
5	1	65.7	9	-	-	458231
6	3	84	9	1905	1691	720062
7	3	87	9	1753	1299	984311
8	3	96.5	9	1516	1147	161090
9	1	51.9	9	-	-	425630
10	3	84.1	9	1637	1305	688034
11	3	96.7	9	1875	1358	950854
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DFS Radar Parameters
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Channel 106 Bandwidth 80MHz

Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			17			
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	77.8	16	1486	-	83174
2	3	98	16	1544	1217	253076
3	2	67.2	16	1121	-	424610
4	1	60.2	16	-	-	595787
5	3	87.1	16	1341	1832	62026
6	3	85.3	16	1171	1285	232213
7	3	83.7	16	1651	1118	402215
8	3	86.6	16	1458	1552	572054
9	3	90.6	16	1923	1618	41047
10	2	70.3	16	1388	-	211782
11	2	74	16	1976	-	381678
12	2	73	16	1562	-	552187
13	1	59.9	16	-	-	20201
14	3	86.5	16	1615	1808	190122
15	3	98	16	1110	1441	360819
16	2	78.2	16	1880	-	531106
17	2	67.3	16	1867	-	701889
18						
19						
20						

Trial Number:			20			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	83.6	19	1410	1100	143766
2	1	64.3	19	-	-	289752
3	3	95.5	19	1309	1355	432739
4	3	89.3	19	1967	1836	575979
5	3	86.7	19	1123	1819	125915
6	2	81.6	19	1837	-	270721
7	2	69.8	19	1714	-	416011
8	1	54.6	19	-	-	562054
9	3	89.1	19	1166	1688	108174
10	1	63.4	19	-	-	253802
11	1	61.5	19	-	-	399083
12	3	85.7	19	1340	1554	541212
13	1	51.4	19	-	-	90777
14	2	79.2	19	1208	-	235538
15	2	66.7	19	1680	-	379781
16	2	70.8	19	1154	-	525191
17	3	99.3	19	1513	1436	72596
18	1	58.4	19	-	-	218193
19	1	66	19	-	-	363215
20	3	96.9	19	1067	1443	506313

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

Trial Number:			21			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	2	69.2	20	1913	-	54893
2	1	59.9	20	-	-	200282
3	3	89.2	20	1002	1330	344293
4	3	85.7	20	1900	1165	488325
5	3	92.4	20	1797	1348	36985
6	2	81	20	1053	-	181977
7	2	68.3	20	1558	-	326750
8	3	84.9	20	1365	1003	470828
9	3	99.8	20	1889	1686	19185
10	2	72.6	20	1763	-	164022
11	3	98	20	1984	1528	307743
12	2	67.7	20	1448	-	453470
13	1	55.8	20	-	-	1408
14	2	69.7	20	1816	-	146120
15	1	62.8	20	-	-	291923
16	3	87.7	20	1109	1587	435122
17	3	88.7	20	1846	1852	578720
18	1	57.3	20	-	-	128770
19	3	91.1	20	1621	1628	272255
20	1	66.4	20	-	-	418664

Trial Number:			22			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	3	97.5	20	1827	1371	561314
2	1	55.6	20	-	-	110888
3	3	98.1	20	1820	1561	254458
4	2	71.9	20	1357	-	400006
5	2	72.2	20	1535	-	544737
6	1	50.9	20	-	-	92988
7	3	89.2	20	1235	1963	236930
8	3	91.1	20	1199	1713	381379
9	1	57.2	20	-	-	528025
10	1	52.2	20	-	-	74993
11	1	60.7	20	-	-	220167
12	2	78	20	1921	-	364352
13	2	82	20	1466	-	509449
14	2	81.3	20	1362	-	57019
15	3	98.2	20	1201	1960	201304
16	2	73.7	20	1978	-	346351
17	2	75.1	20	1168	-	491360
18	1	59.7	20	-	-	39259
19	3	96.9	20	1335	1266	183629
20	1	55.7	20	-	-	329701

DFS Radar Parameters
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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	63.3	20	-	-	474500
2	3	84.9	20	1687	1187	21292
3	1	54.8	20	-	-	166656
4	1	66.4	20	-	-	311504
5	1	65.5	20	-	-	456951
6	3	93.8	20	1446	1296	3510
7	2	79.9	20	1228	-	148405
8	2	81.8	20	1881	-	293133
9	1	66.4	20	-	-	439329
10	2	79.1	20	1871	-	582285
11	2	82.2	20	1320	-	130449
12	3	91.9	20	1977	1316	274559
13	2	67.4	20	1588	-	420036
14	3	99.6	20	1946	1025	563036
15	3	99.5	20	1639	1644	112322
16	1	63.6	20	-	-	258022
17	1	61.8	20	-	-	403513
18	2	67.3	20	1000	-	547304
19	1	63.5	20	-	-	94981
20	3	91.4	20	1787	1010	239011

Trial Number:			24			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	91.9	10	1731	1317	640674
2	2	77.3	10	1809	-	883250
3	2	77.6	10	1581	-	128585
4	3	97.6	10	1326	1603	369722
5	1	61.9	10	-	-	612812
6	2	69.9	10	1303	-	854106
7	3	85.7	10	1964	1825	98514
8	2	74.5	10	1948	-	340363
9	2	71.5	10	1488	-	582619
10	3	89.1	10	1065	1463	823119
11	1	62.5	10	-	-	69056
12	2	78.9	10	1485	-	310728
13						
14						
15						
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17						
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19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5561			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	60.4	17	-	-	368627
2	3	85.4	17	1705	1456	527190
3	1	53.1	17	-	-	26127
4	1	62.5	17	-	-	187356
5	1	50.7	17	-	-	348650
6	2	81.7	17	1243	-	509526
7	1	56.3	17	-	-	6269
8	2	78.4	17	1580	-	167292
9	2	71.1	17	1493	-	328420
10	1	57.3	17	-	-	490082
11	2	74.7	17	1476	-	650539
12	2	78.2	17	1418	-	147321
13	2	70	17	1157	-	308676
14	2	68.8	17	1420	-	469539
15	1	60.6	17	-	-	631579
16	2	82.5	17	1737	-	127570
17	2	81.9	17	1391	-	288392
18	3	84.6	17	1134	1268	448930
19						
20						

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	1	61.9	10	-	-	918232
2	1	57.7	10	-	-	162052
3	3	96.3	10	1247	1459	403079
4	1	55.4	10	-	-	646438
5	1	63.8	10	-	-	888923
6	3	86.1	10	1372	1682	131871
7	1	57.2	10	-	-	374263
8	1	57.3	10	-	-	616580
9	1	54.4	10	-	-	859072
10	3	95.7	10	1858	1803	102026
11	1	58.1	10	-	-	344487
12	1	55.3	10	-	-	586709
13						
14						
15						
16						
17						
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19						
20						

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

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			16			
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	60.2	15	-	-	620994
2	2	77.3	15	1761	-	54271
3	1	66.5	15	-	-	235974
4	1	53.3	15	-	-	417684
5	2	81.4	15	1396	-	597541
6	2	82	15	1444	-	31979
7	3	96.5	15	1225	1447	212833
8	3	87	15	1389	1278	393803
9	1	62.8	15	-	-	576759
10	2	80.2	15	1234	-	9680
11	1	61	15	-	-	191227
12	3	85.1	15	1236	1996	371009
13	2	70.3	15	1470	-	552880
14	3	84.5	15	1176	1482	733311
15	1	52.5	15	-	-	168977
16	3	99.5	15	1125	1061	349175
17						
18						
19						
20						

Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			9			
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	77.6	6	1648	-	945085
2	3	93.1	6	1756	1363	1266719
3	1	59.2	6	-	-	260747
4	1	53.2	6	-	-	583640
5	3	92.7	6	1244	1591	905095
6	3	87	6	1801	1833	1226376
7	2	77.2	6	1631	-	220704
8	1	54.8	6	-	-	543817
9	2	82.7	6	1314	-	866348
10						
11						
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19						
20						

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

Trial Number:			29			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	55	13	-	-	764822
2	2	71.5	13	1711	-	116186
3	2	67.1	13	1246	-	323494
4	1	55.2	13	-	-	531231
5	3	93.5	13	1016	1162	737020
6	2	77.2	13	1093	-	90730
7	1	60.7	13	-	-	298371
8	2	70.3	13	1736	-	505033
9	1	65.7	13	-	-	713746
10	3	97.2	13	1183	1522	65009
11	3	97.4	13	1676	1054	271913
12	1	61.6	13	-	-	480163
13	2	66.7	13	1828	-	686507
14	3	87.5	13	1951	1325	39505
15						
16						
17						
18						
19						
20						

Trial Number:			30			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	78.6	8	1477	-	314210
2	3	86	8	1489	1130	577748
3	3	94.9	8	1369	1131	841320
4	2	71.7	8	1652	-	17952
5	2	81.8	8	1029	-	281933
6	3	96.8	8	1872	1092	544914
7	1	61.1	8	-	-	810289
8	3	85.2	8	1849	1712	1071215
9	2	79.4	8	1970	-	249291
10	3	83.5	8	1229	1211	512939
11	1	57.7	8	-	-	777872
12						
13						
14						
15						
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17						
18						
19						
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Appendix C. Antenna Report

Plume

Antenna Specifications

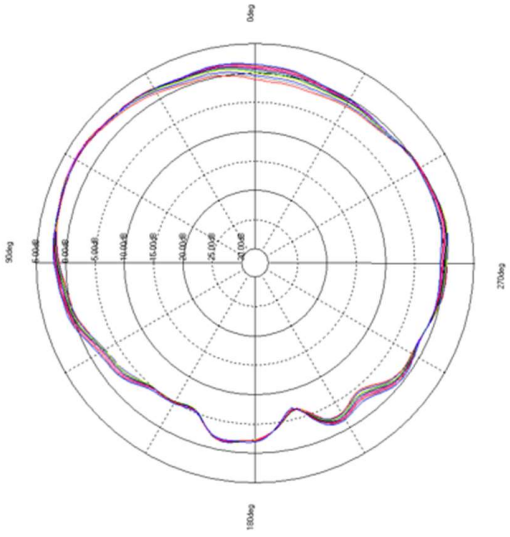
2.4GHz: PIFA Antennas

- Antenna Gain

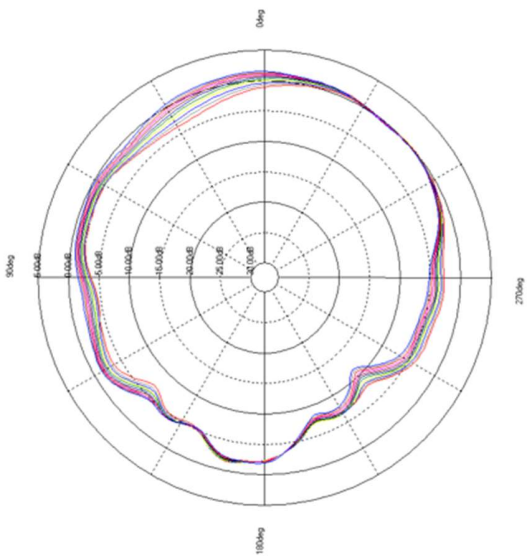
	Peak Gain [dBi]		
Frequency (MHz)	A1	A2	2TX (A1, A2)
2420	0.4	1.9	1.2
2450	0.9	1.2	1
2480	1.7	0.7	0.7

- Antenna Pattern

Antenna 1



Antenna 2



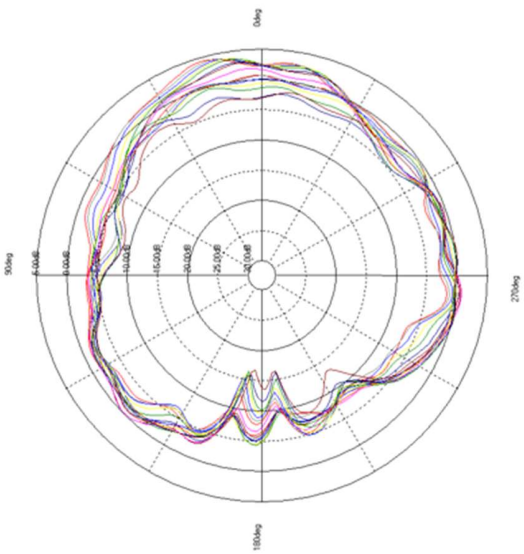
5GHz (Low Band): IFA/Slot Antennas

- Antenna Gain

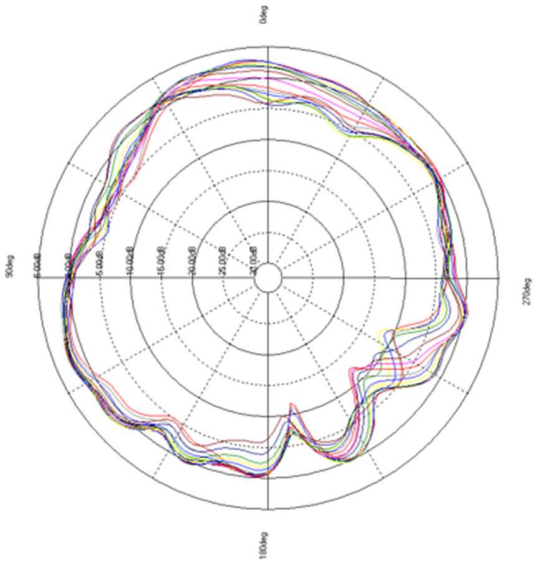
	Peak Gain [dBi]		
Frequency (MHz)	A1	A2	2TX (A1, A2)
5100	4.0	3.5	3.2
5200	3.7	3.7	3.4
5300	3.8	4.5	4.1

- Antenna Pattern

Antenna 1



Antenna 2



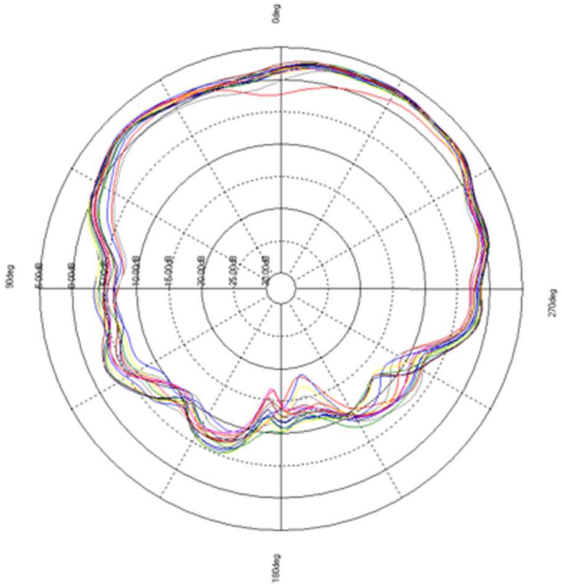
5GHz (High Band): IFA/Slot Antennas

- Antenna Gain

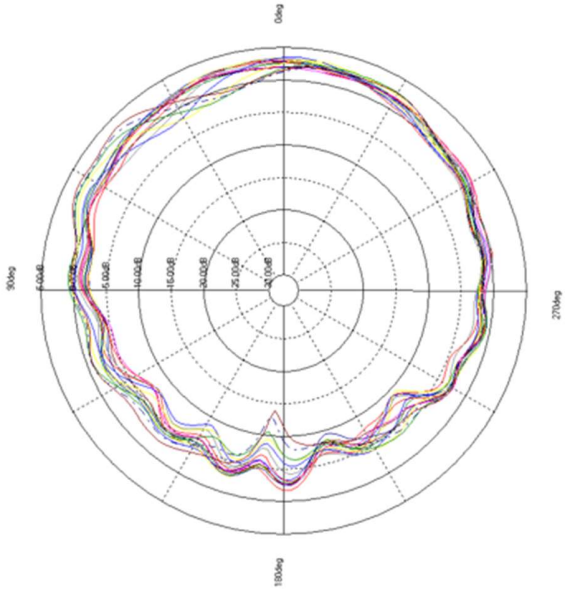
	Peak Gain [dBi]						
Frequency (MHz)	A1	A2	A3	A4	2 Tx (A3, A4)	3 Tx (A2, A3, A4)	4 Tx (A1, A2, A3, A4)
5400	5.8	5.4	3.2	3.4	3.2	3.4	3.5
5500	5.9	5.8	3.4	3.5	3.1	3.4	3.7
5600	5.8	5.8	3.4	3.0	2.8	3.4	4
5700	5.7	5.7	3.7	3.3	3.2	3.3	3.9
5800	6.0	5.4	3.5	3.7	3.6	3	3.8
5900	5.3	4.9	3.9	3.9	3.9	3.2	3.3

- Antenna Pattern

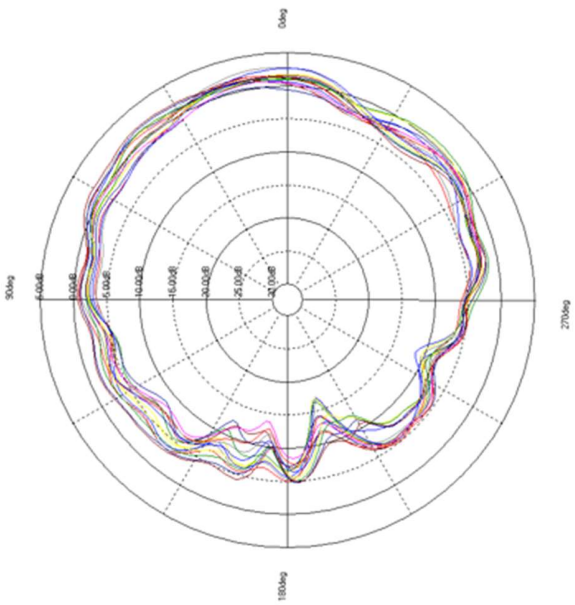
Antenna 1



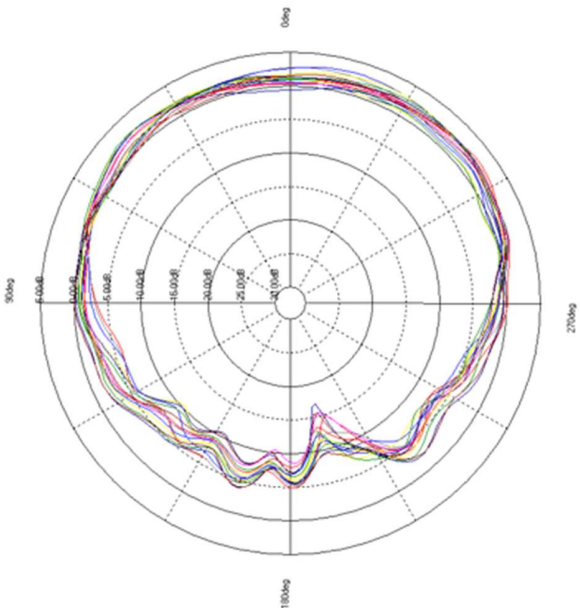
Antenna 2



Antenna 3



Antenna 4



2.4GHz Bluetooth: Slot Antenna

Frequency(MHz)	Peak Gain(dBi)
2400	0.5
2450	0.5
2500	0.5

METHOD:

For FCC/IC, we measure antenna gain for each antenna separately using a full 3D anechoic chamber.

We measure all antennas individually and pick the one with highest gain and report it. We then follow a simple calculator rule for array gain and add 3dB for two chains, and 6dB for four chains.