FCC DFS TEST REPORT

FCC ID	:	**PY321300542**
Equipment	:	**Netgear 5G MHS Travel Router**
Brand Name	:	**Netgear**
Model Name	:	**MR6110**
Applicant	:	**Netgear Inc** **350 E. Plumeria Drive, San Jose, CA 95134, United States**
Manufacturer	:	**Netgear Inc** **350 E. Plumeria Drive, San Jose, CA 95134, United States**
Standard	:	**FCC Part 15 Subpart E**

The product was received on Dec. 20, 2021 and testing was started from Feb. 19, 2022 and completed on Feb. 21, 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
FZ190614-01	01	Initial issue of report	Feb. 21, 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: Avis Chuang
Report Producer: Clio Lo

1 General Description

1.1 Feature of Equipment Under Test

LTE/5G NR, Wi-Fi 2.4GHz 802.11b/g/n/ac/ax, Wi-Fi 5GHz 802.11a/n/ac/ax, Wi-Fi 6GHz 802.11a/n/ac/ax, and GPS

Product Feature	
Antenna Type	WWAN: **<Ant. 1>**: Monopole Antenna **<Ant. 2>**: Monopole Antenna WLAN: **<Ant. 3>**: Monopole Antenna **<Ant. 4>**: Monopole Antenna GPS: PIFA Antenna

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 (-62dBm) + (2.59) [dBi]+ 1 dB= -58.41 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.

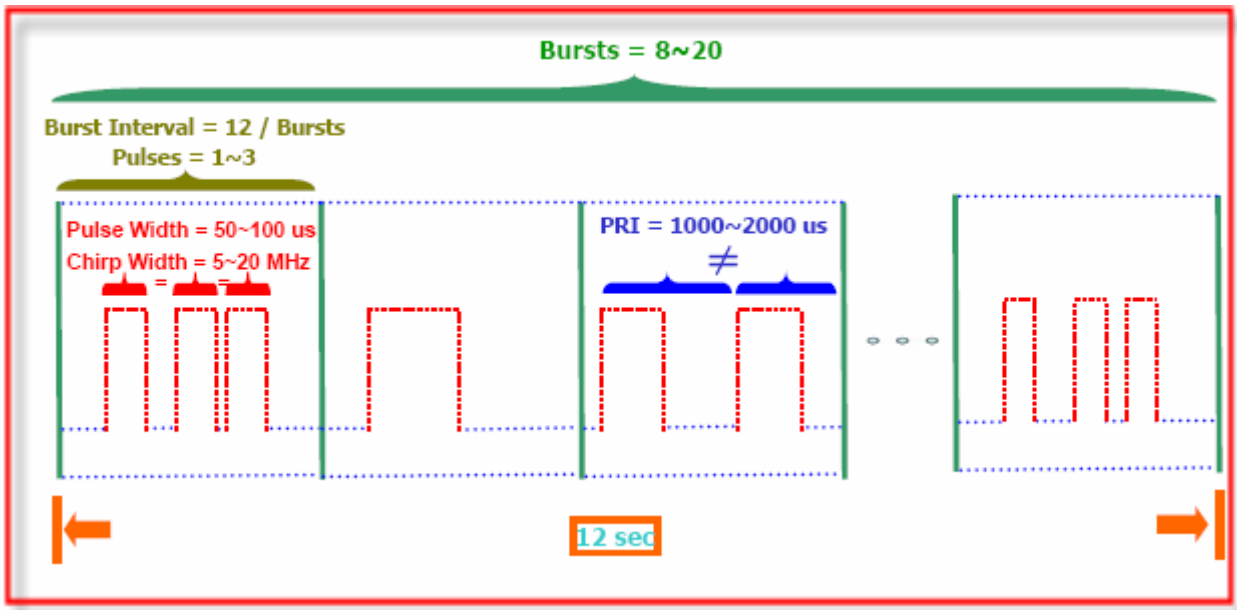
(3) Burst 1 has 2 randomly generated pulses.

(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.

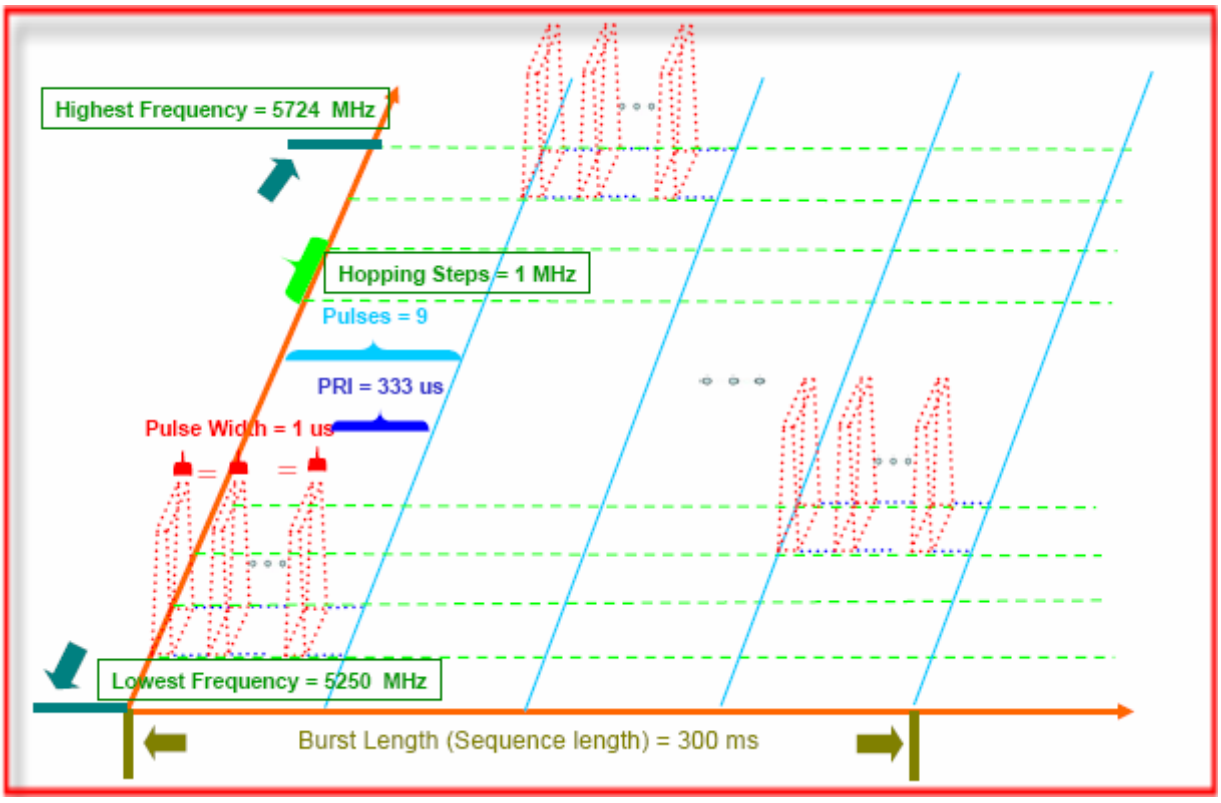
(7) Each Burst is contained in even intervals of 1,500,000 microseconds. The starting location for Pulse 1, Burst 1 is randomly generated (1 to 1,500,000 minus the total Burst 1 length + 1 random PRI interval) at the 325,001 microsecond step. Bursts 2 through 8 randomly fall in successive 1,500,000 microsecond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



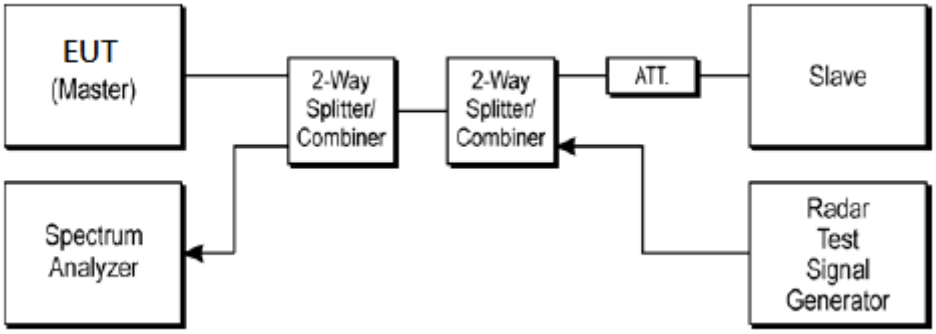
3 Calibration Setup and DFS Test Results

3.1 Calibration of Radar Waveform

3.1.1 Radar Waveform Calibration Procedure

The Interference Radar Detection Threshold Level is (-62) + (2.59) [dBi] + 1dB = -58.41 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 (-62) + (2.59) [dBi] + 1dB = -58.41 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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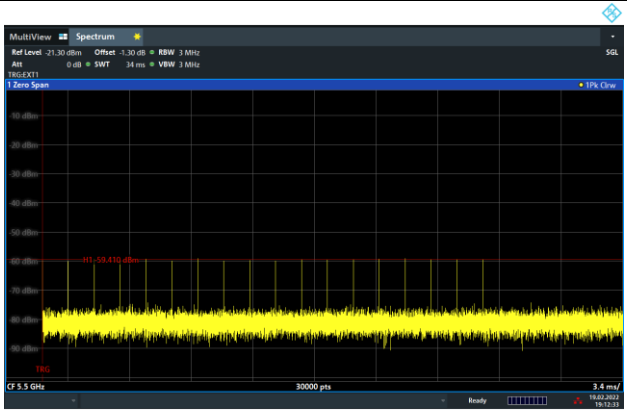	
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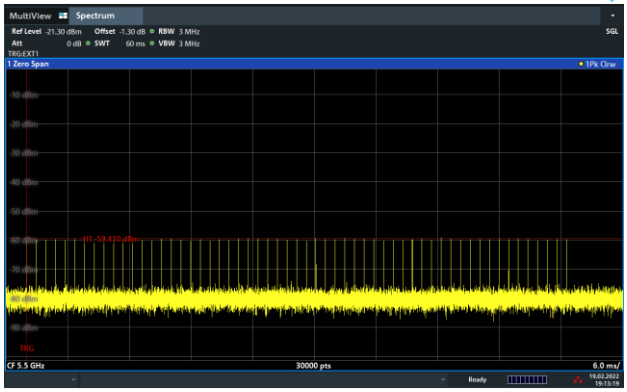	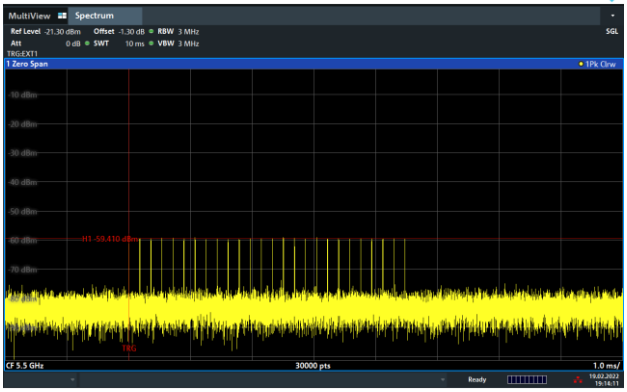
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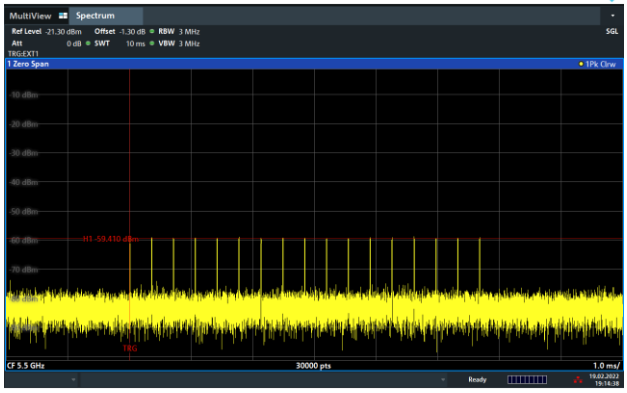	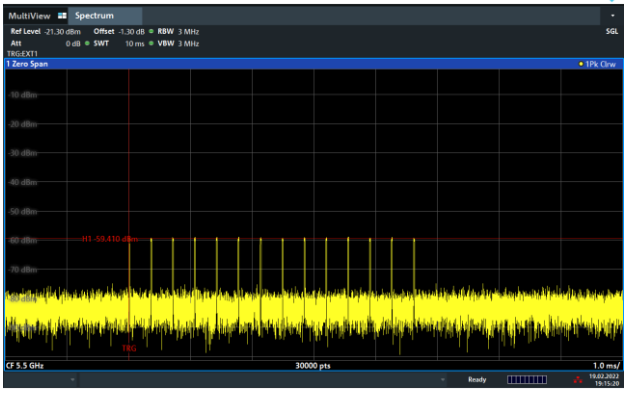

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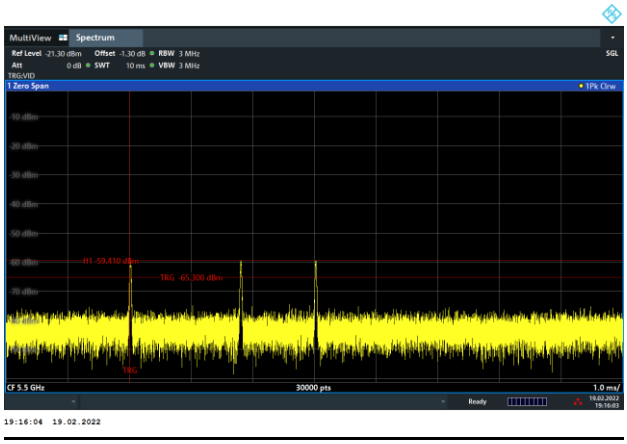	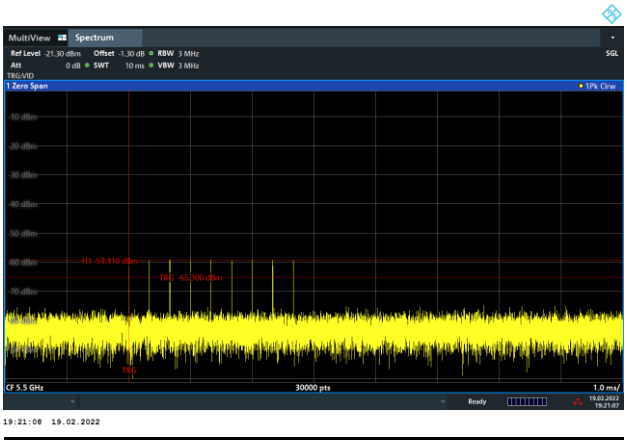

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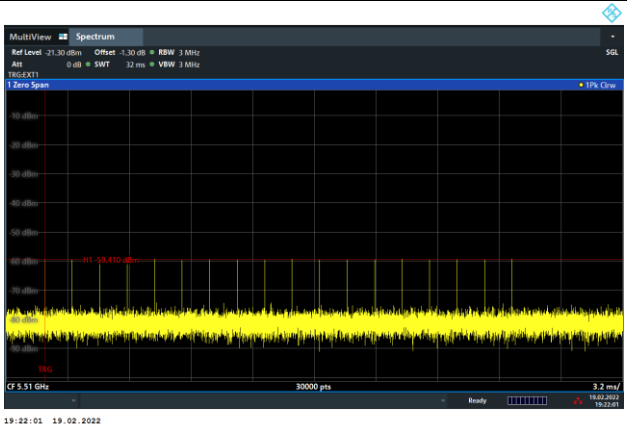	
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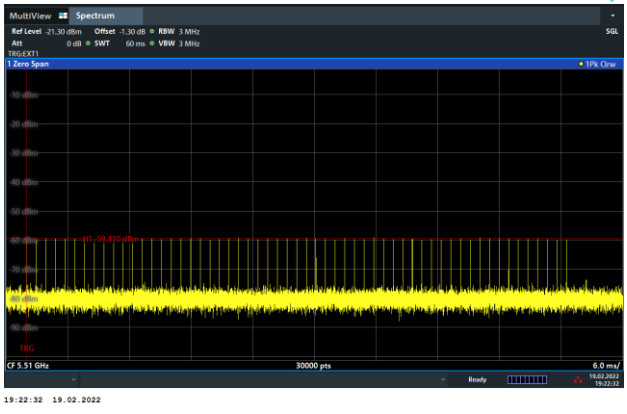	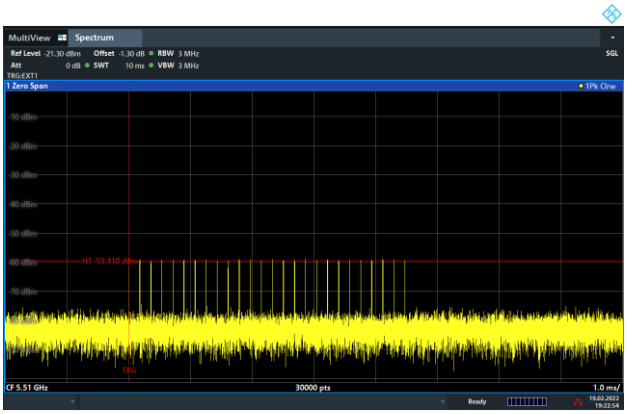
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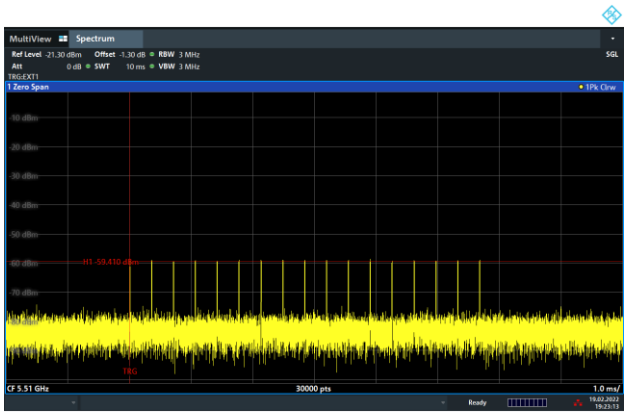	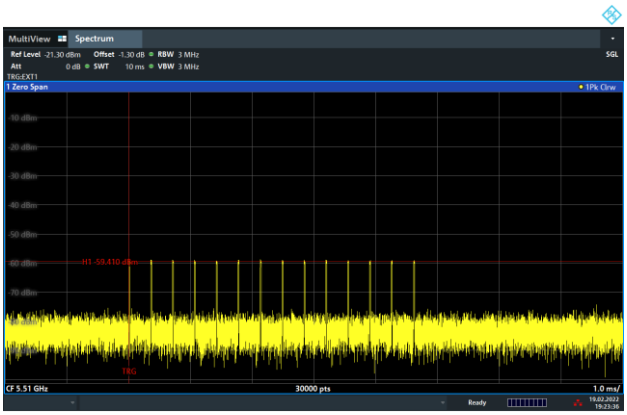

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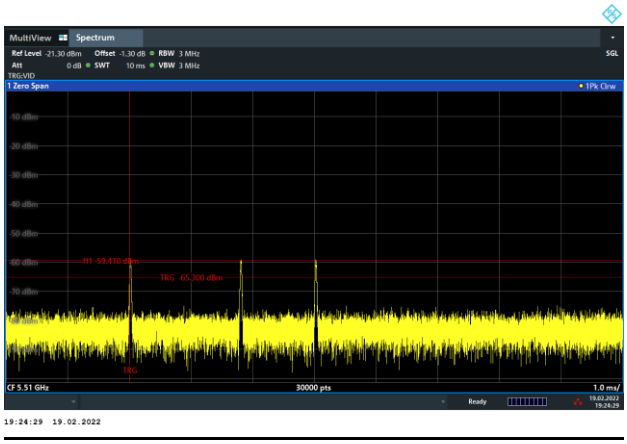	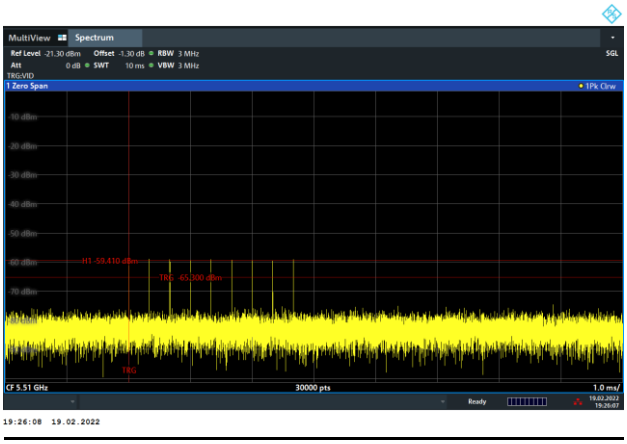

<80MHz / 5530MHz>

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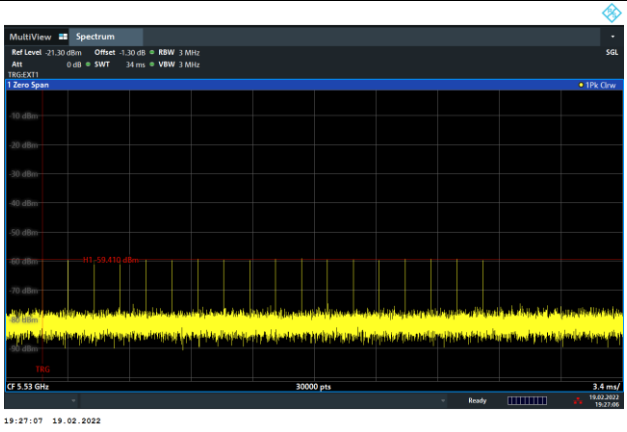	
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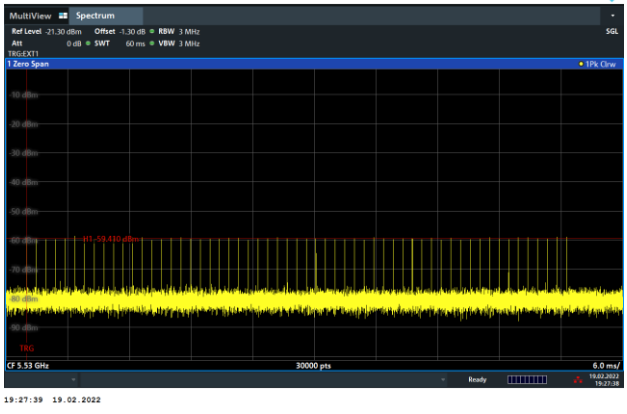	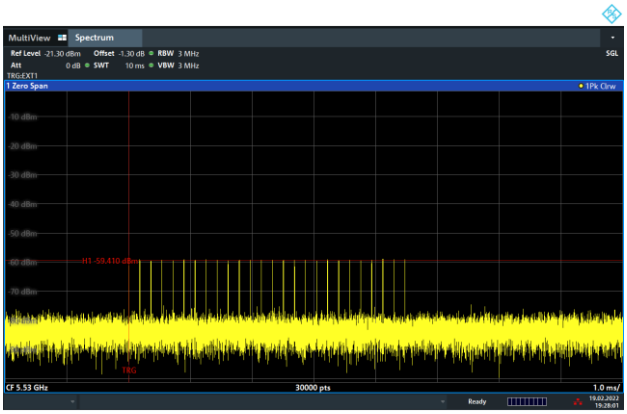
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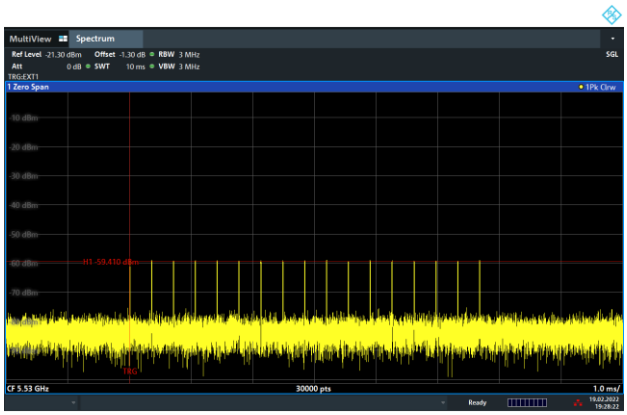	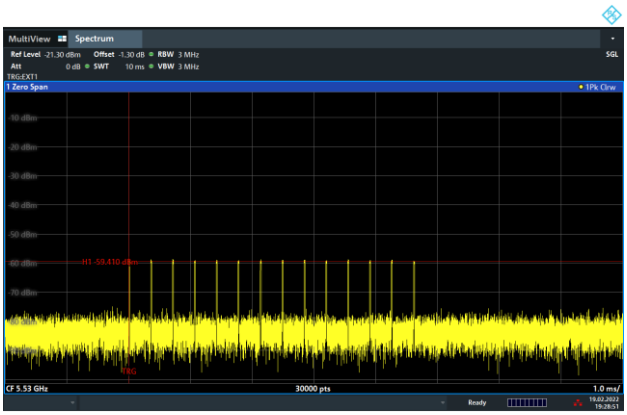

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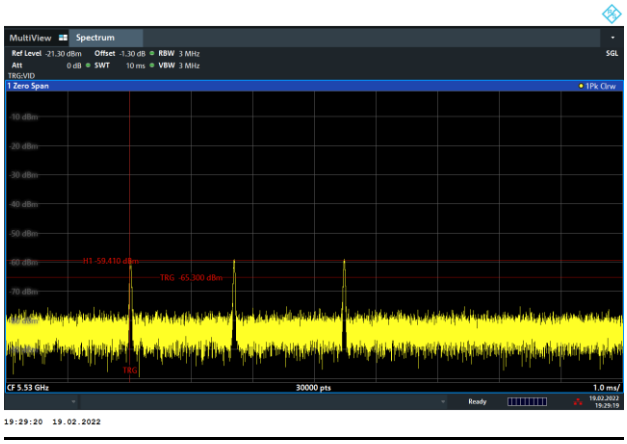	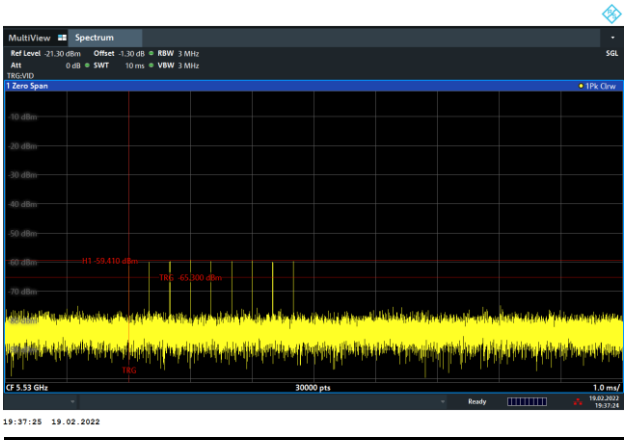

<80+80MHz / 5570MHz>

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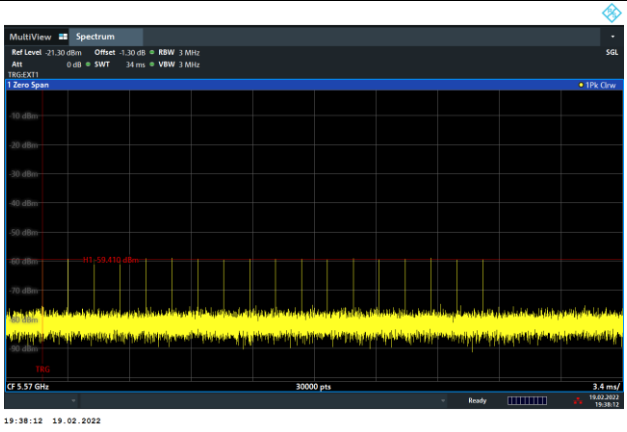	
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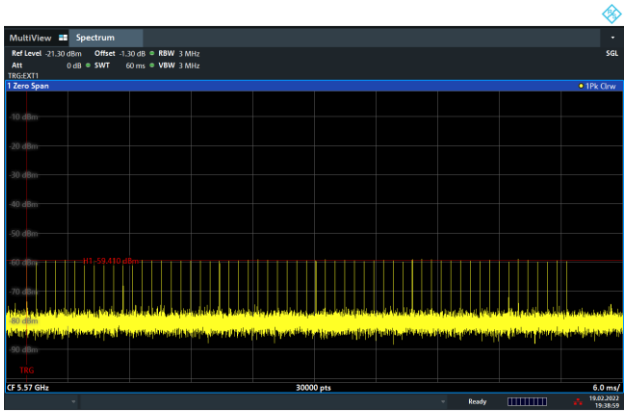
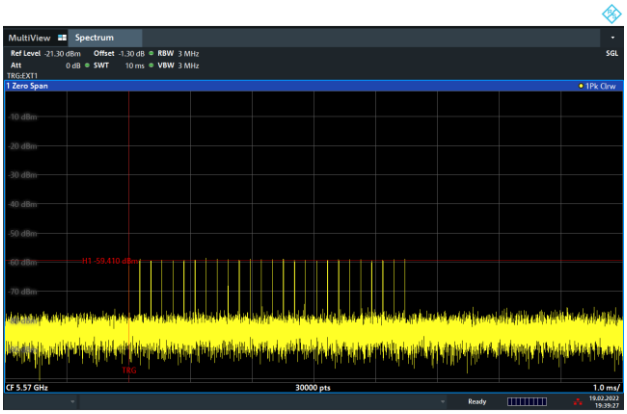
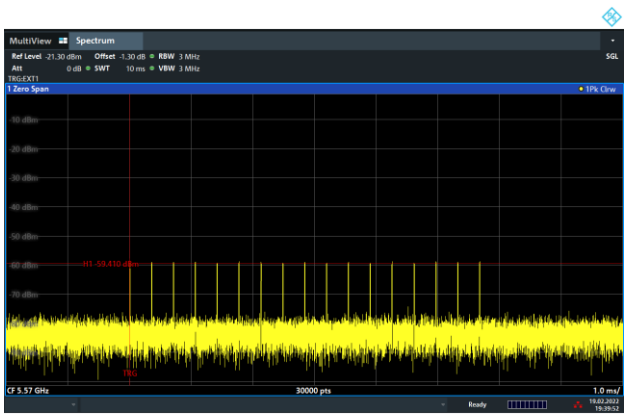
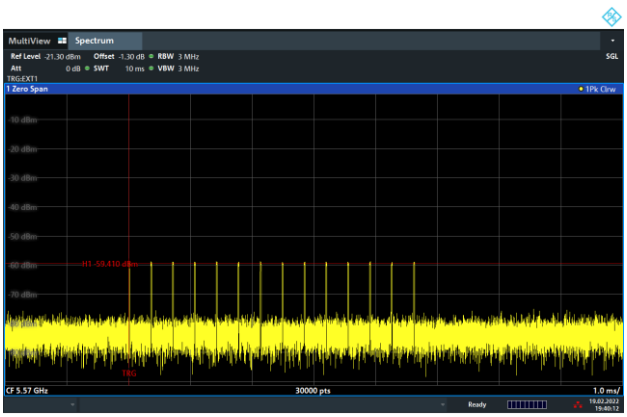
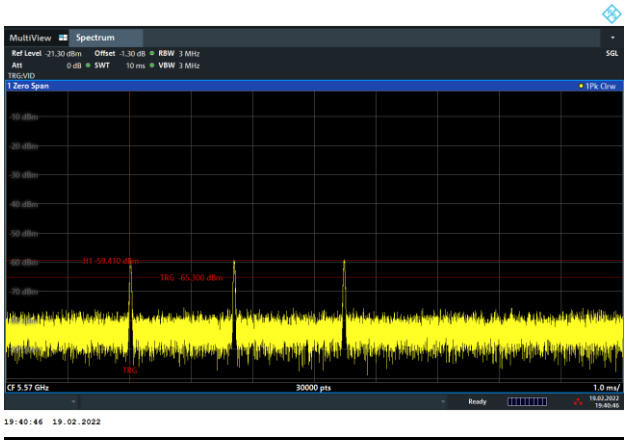
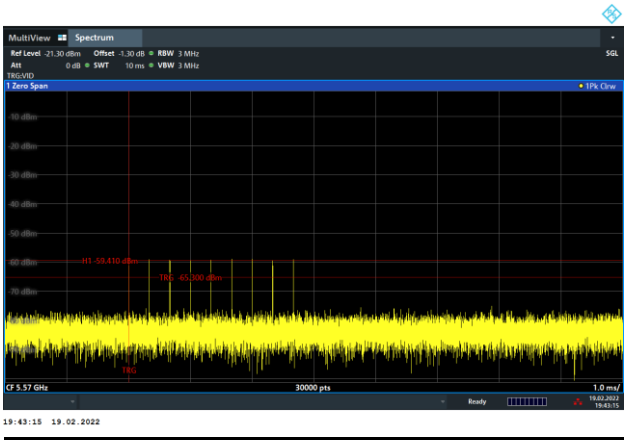
	
Radar Type 3	**Radar Type 4**
	

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

3.2 U-NII Detection Bandwidth

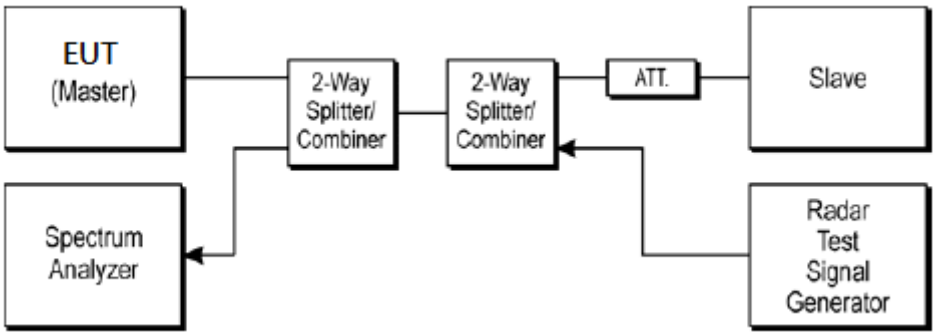
3.2.1 Limit of U-NII Detection Bandwidth

The U-NII Detection Bandwidth shall contain minimum 100% of the 99% power bandwidth.
During the U-NII Detection Bandwidth detection test, radar type 0 is used and for each frequency step the minimum percentage of detection is 90%. Measurements are performed with no data traffic.

3.2.2 Test Procedures

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

3.2.3 Test Setup



3.2.4 Test Deviation

There is no deviation with the original standard.

3.2.5 Result of U-NII Detection Bandwidth

<20MHz / 5500MHz>

Frequency (MHz)	Fc	Trial Number (Detection = 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 = **19.162** 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 = **37.723** 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 = **76.78** MHz (Refer to channel 106)													

<80+80MHz / 5570MHz>

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	-81	N	N	N	N	N	N	N	N	N	N	0	
5490	-80	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	F_L
5491	-79	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5492	-78	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5493	-77	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5494	-76	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5495	-75	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5500	-70	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5505	-65	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5510	-60	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5515	-55	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5520	-50	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5525	-45	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5530	-40	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5535	-35	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5540	-30	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5545	-25	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	-15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5560	-10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5565	-5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5570	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5575	+5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5580	+10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5585	+15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5590	+20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5595	+25	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5600	+30	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5605	+35	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5610	+40	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5615	+45	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5620	+50	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	

5625	+55	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5630	+60	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5635	+65	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5640	+70	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5645	+75	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5646	+76	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5647	+77	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5648	+78	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5649	+79	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5650	+80	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	**F_H**
5651	+81	N	N	N	N	N	N	N	N	N	N	0	
Detection Bandwidth = F_H – F_L =**5650** – **5490** = **160** MHz EUT 99% Bandwidth = **154.869** 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.

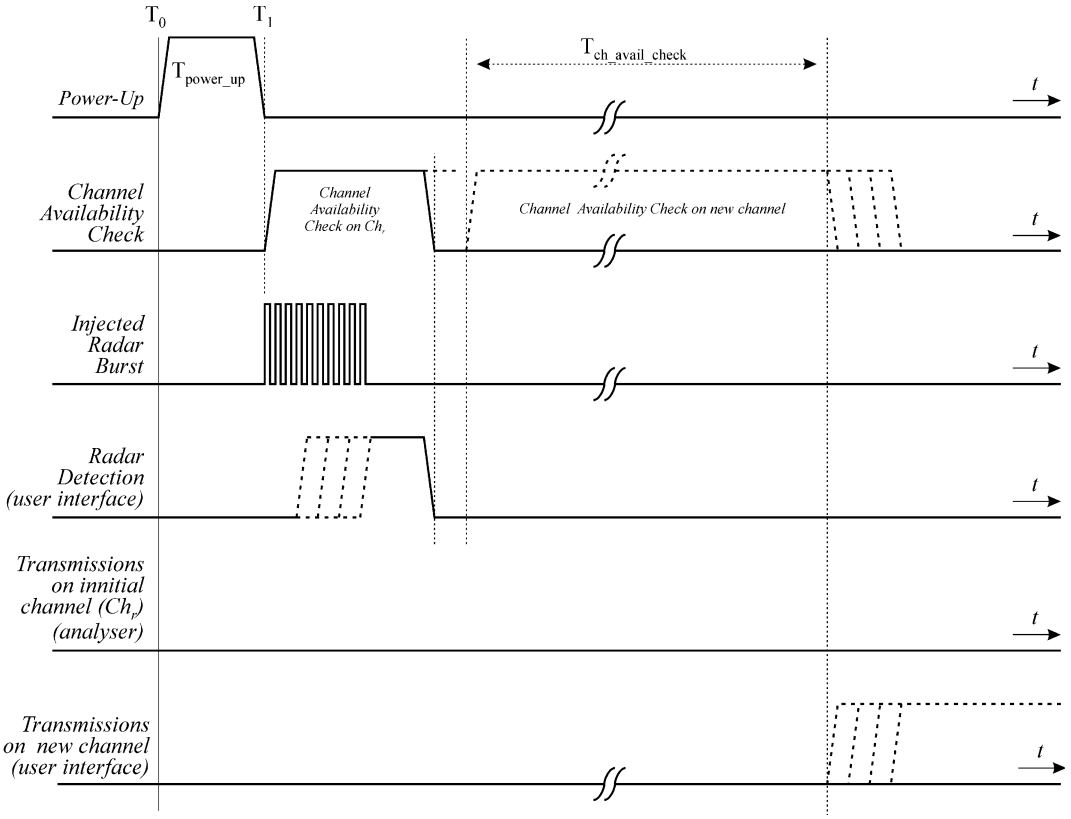


Figure 15: Example of timing for radar testing at the beginning of the Channel Availability Check Time

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.

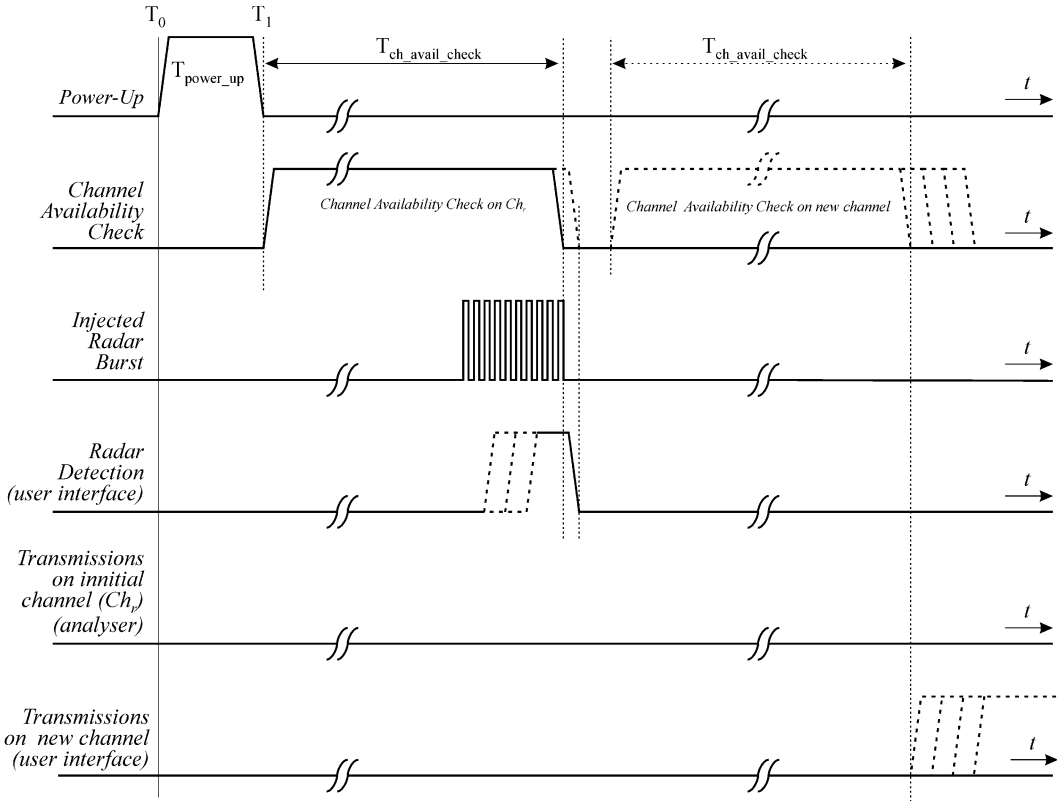
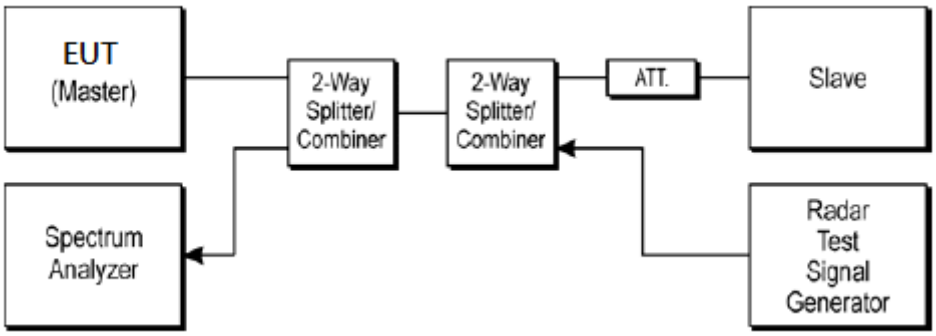


Figure 16: Example of timing for radar testing towards the end of the Channel Availability Check Time

3.3.5 Test Setup

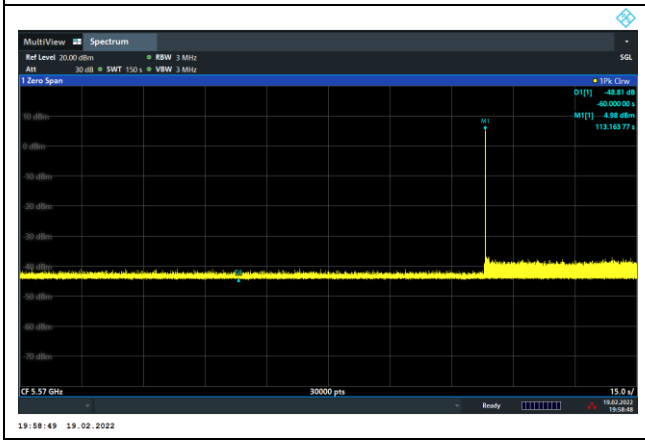
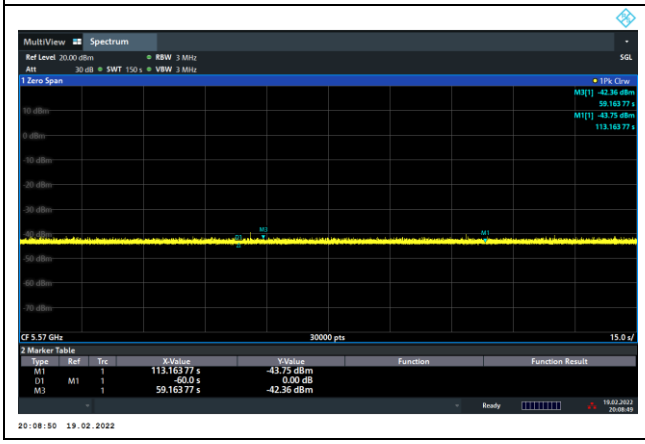
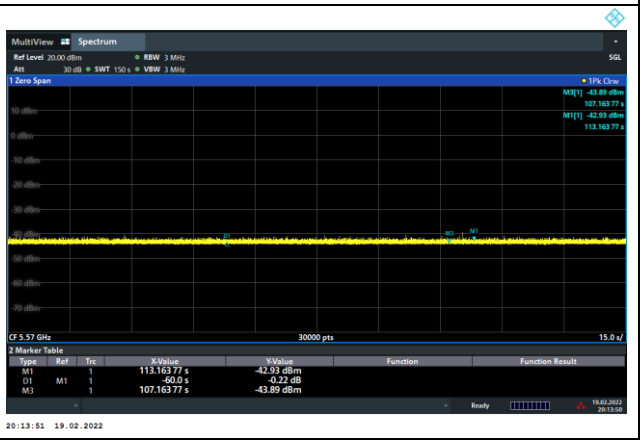


3.3.6 Test Deviation

There is no deviation with the original standard.

3.3.7 Result of Channel Availability Check Time

<80+80MHz / 5570MHz>

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

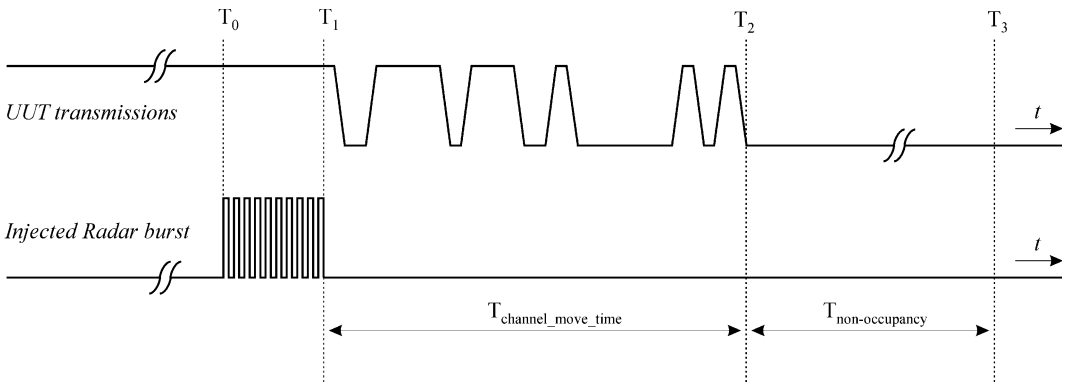
3.4.1 Limit of In-Service Monitoring

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.

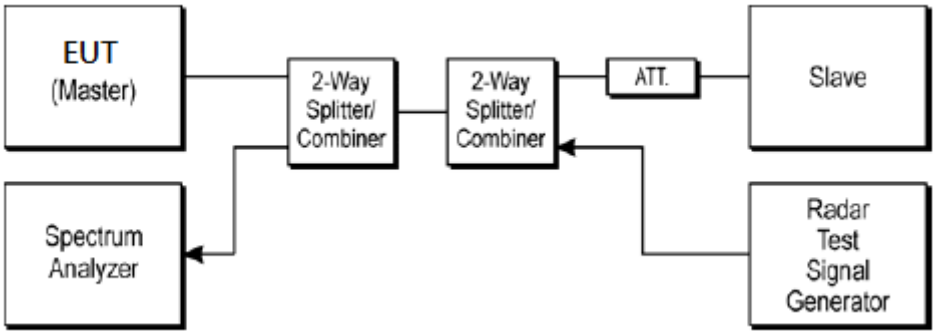
(7) When operating as a Master Device, monitor the EUT for more than 30 minutes following instant T2 to verify that the EUT does not resume any transmissions on this Channel. Perform this test once and record the measurement result.



(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

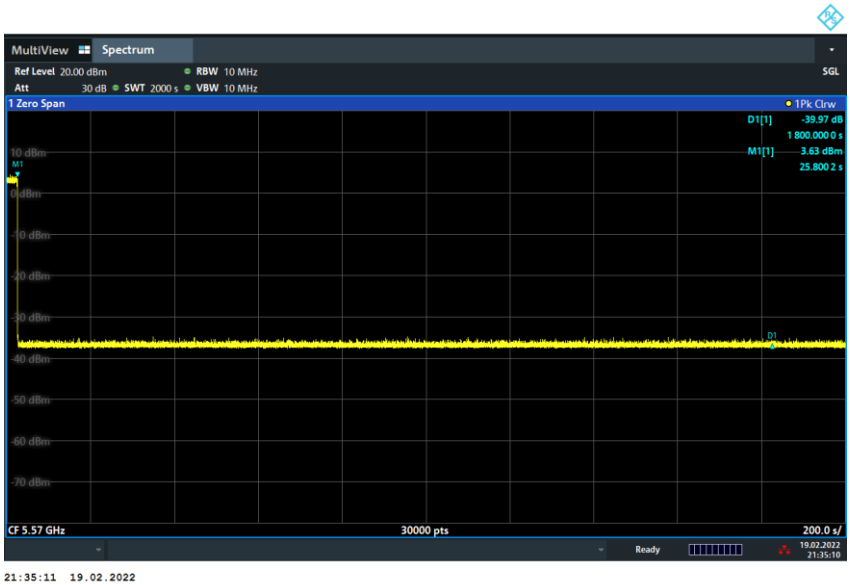
Test Mode :	Master	Temperature :	24~26℃
Test Engineer :	PH Yang	Relative Humidity :	45~50%

BW / Channel	Test Item	Test Result	Limit	Pass/Fail
<80+80MHz / 5570MHz>	Channel Move Time	**1.146 s**	**＜ 10s**	**Pass**
	Channel Closing Transmission Time	**200ms + 3.6 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.

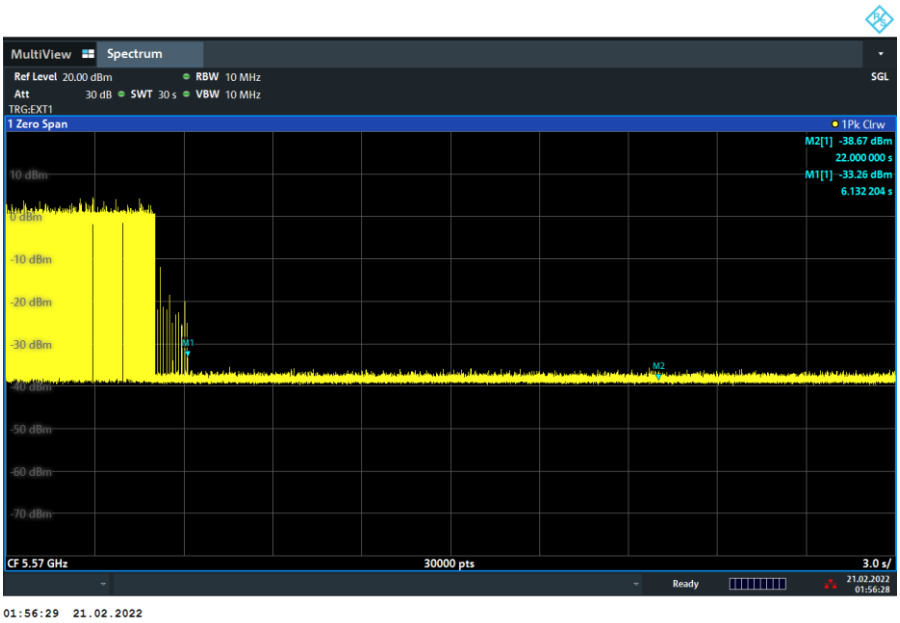
3.4.6 Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period Test Plots

<80+80MHz / 5570MHz> In-Service Monitoring
Channel Move Time & Channel Closing Transmission Time

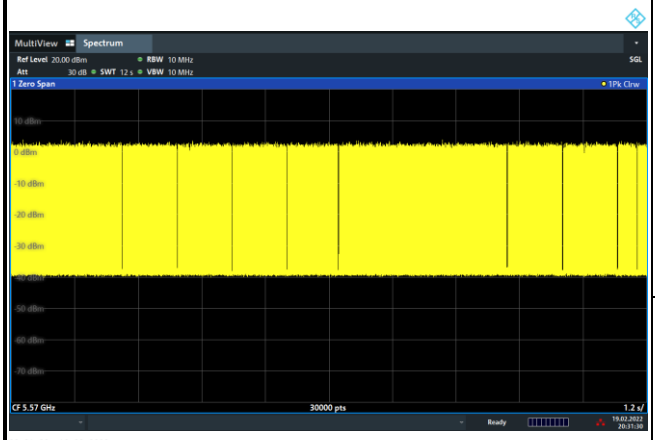
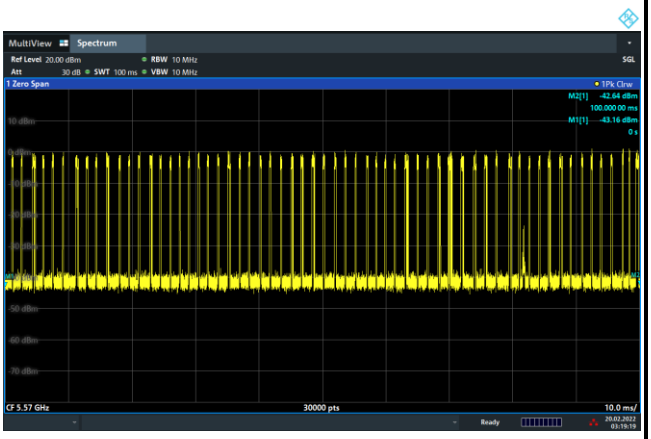
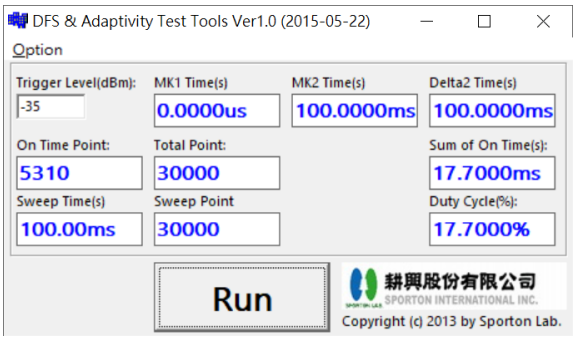
Non-Occupancy Period

Note: Dwell (0.4 ms)= Sweep Time (12000 ms) / Sweep Point Bins (30000) Channel Closing Transmission Time (200 + 3.6 ms) = 200 + Number (9) X Dwell (0.4 ms) < 260ms

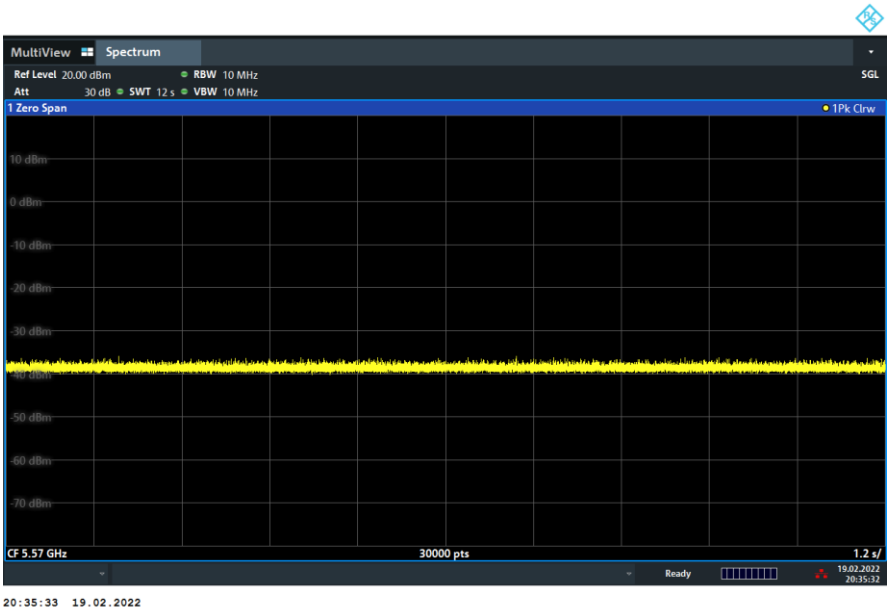
3.4.7 Long Pulsed Radar Type Channel Move Time Test Plots (22second)

<80+80MHz / 5570MHz> 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_dN

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

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

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

Table 5 – Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (µsec)	PRI (µsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
1	1	1428	18	60%	30
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120

A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 1 through 4. For Short Pulse Radar Type 0, the same waveform is used a minimum of 30 times. If more than 30 waveforms are used for Short Pulse Radar Types 1 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms.

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

Long Pulse Radar Test

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

Table 6 – Long Pulse Radar Test Waveform

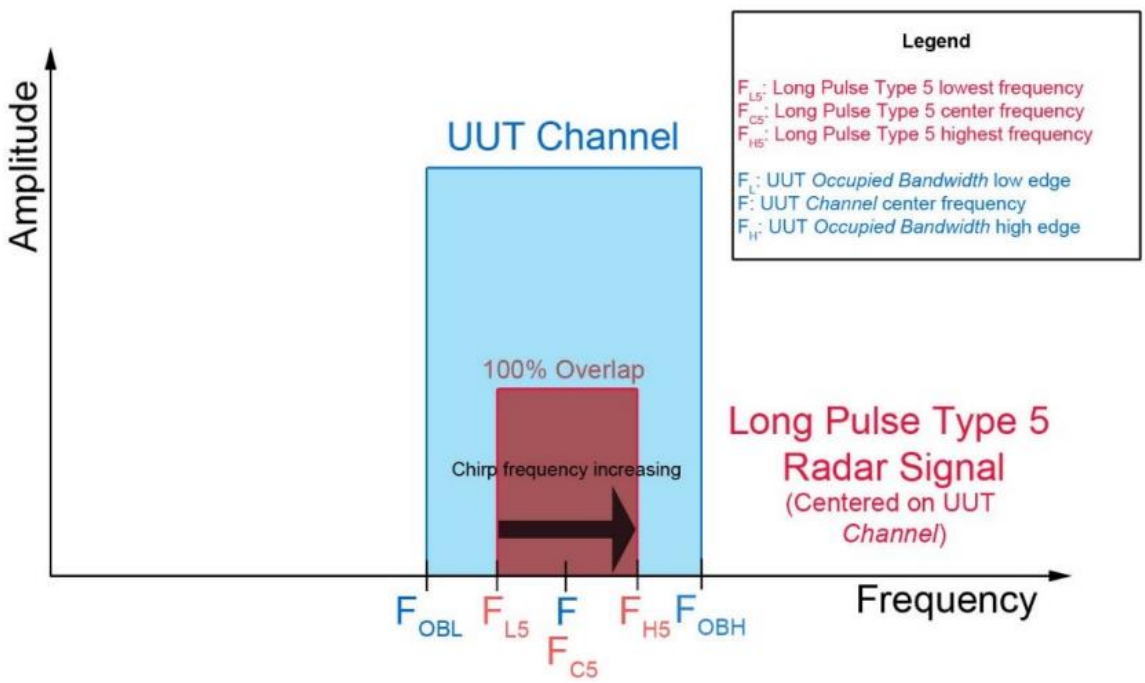
Radar Type	Pulse Width (µsec)	Chirp Width (MHz)	PRI (µsec)	Number of Pulses per *Burst*	Number of *Bursts*	Minimum Percentage of Successful Detection	Minimum Number of Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

The parameters for this waveform are randomly chosen. Thirty unique waveforms are required for the Long Pulse Radar Type waveforms. If more than 30 waveforms are used for the Long Pulse Radar Type waveforms, then each additional waveform must also be unique and not repeated from the previous waveforms.

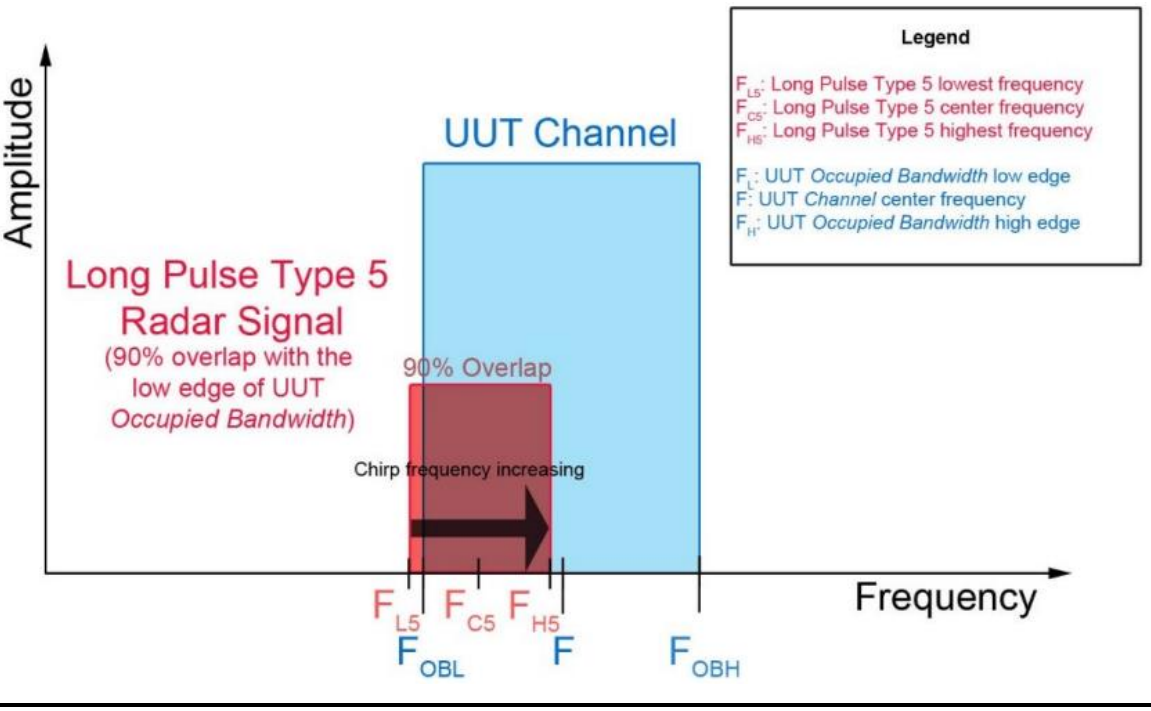
Three subsets of trials will be performed with a minimum of ten trials per subset.
The subset of trials differs in where the Long Pulse Type 5 Signal is tuned in frequency:
a) The Channel center frequency (subset case 1).
b) Tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation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

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

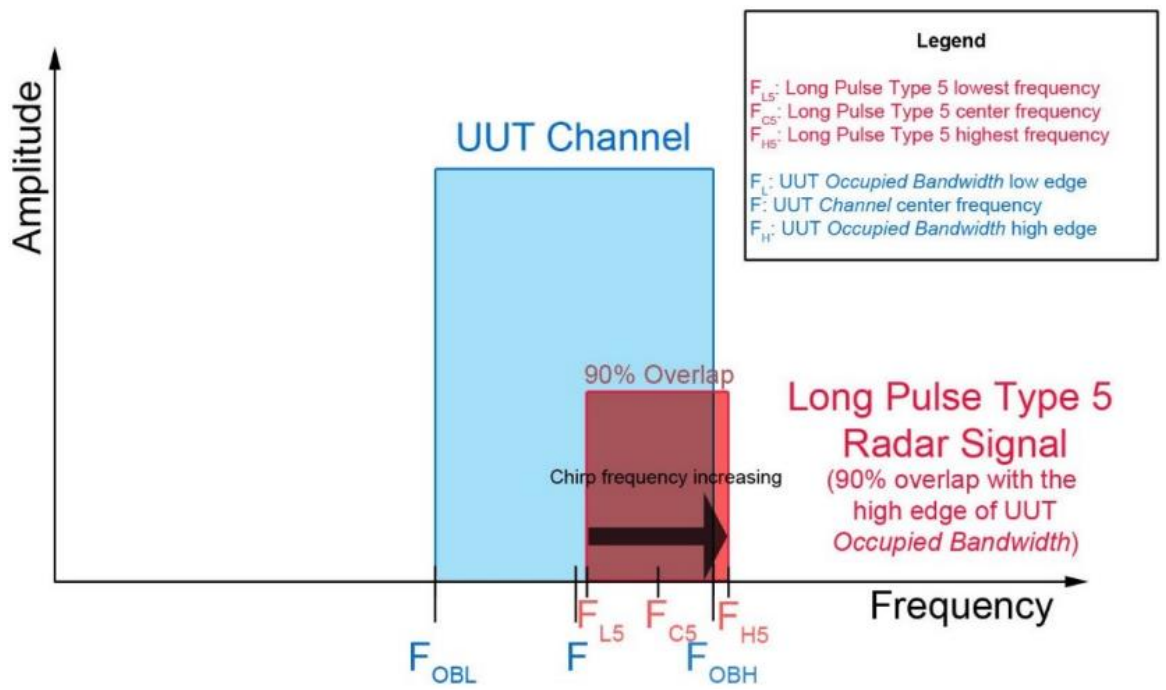
a) Channel center frequency (subset case 1)



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



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



The percentage of successful detection is calculated by:

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

Frequency Hopping Radar Test

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

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

Table 7 – Frequency Hopping Radar Test Waveform

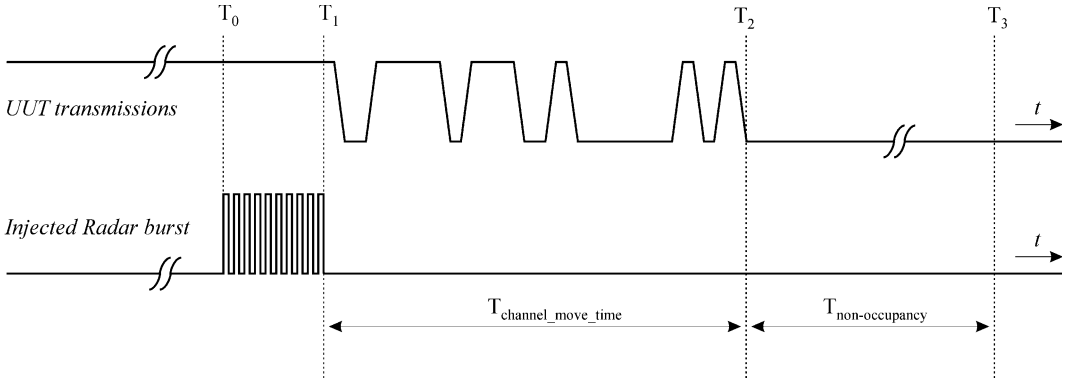
Radar Type	Pulse Width (µsec)	PRI (µsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

For the Frequency Hopping Radar Type, the same *Burst* parameters are used for each waveform. The hopping sequence is different for each waveform and a 100-length segment is selected from the hopping sequence defined by the following algorithm:

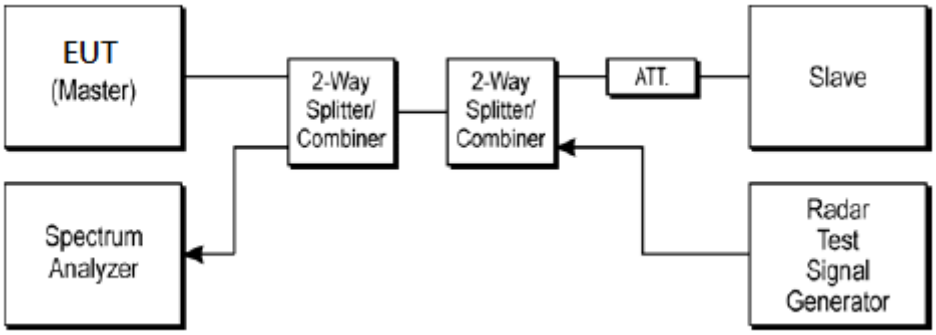
The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250 – 5724 MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues until all 475 frequencies are chosen for the set. For selection of a random frequency, the frequencies remaining within the group are always treated as equally likely.

3.5.2 Test Procedures

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



3.5.3 Test Setup



3.5.4 Test Deviation

There is no deviation with the original standard.

3.5.5 Result of Statistical Performance Check

<20MHz /5500MHz>

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

<40MHz /5510MHz>

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

<80MHz/ 5530MHz>

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

<80+80MHz/ 5570MHz>

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

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Signal Generator	Keysight	N5182B	MY56200377	9kHz~6GHz	May 04, 2021	Feb. 19, 2022~ Feb. 21, 2022	May 03, 2022	DFS (DF02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV3044	101048	10Hz~44GHz	Apr. 20, 2021	Feb. 19, 2022~ Feb. 21, 2022	Apr. 19, 2022	DFS (DF02-HY)
Power Divider	Woken	2Way Divider	DCMB1KW7A1	0.5GHz-18GHz	Calibration from System	Feb. 19, 2022~ Feb. 21, 2022	Calibration from System	DFS (DF02-HY)
Power Divider	Woken	2Way Divider	DCMB1KW7A2	0.5GHz-18GHz	Calibration from System	Feb. 19, 2022~ Feb. 21, 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	Feb. 19, 2022~ Feb. 21, 2022	Calibration from System	DFS (DF02-HY)
RF Cable	MTJ Cooperstion	SBF405-105FLEX	MTJ-30cm-02	30 kHz~18GHz	Calibration from System	Feb. 19, 2022~ Feb. 21, 2022	Calibration from System	DFS (DF02-HY)
RF Cable	MTJ Cooperstion	SBF405-105FLEX	MTJ-30cm-03	30 kHz~18GHz	Calibration from System	Feb. 19, 2022~ Feb. 21, 2022	Calibration from System	DFS (DF02-HY)
RF Cable	MTJ Cooperstion	SBF405-105FLEX	MTJ-30cm-04	30 kHz~18GHz	Calibration from System	Feb. 19, 2022~ Feb. 21, 2022	Calibration from System	DFS (DF02-HY)
RF Cable	MTJ Cooperstion	SBF405-105FLEX	MTJ-30cm-05	30 kHz~18GHz	Calibration from System	Feb. 19, 2022~ Feb. 21, 2022	Calibration from System	DFS (DF02-HY)
RF Cable	MTJ Cooperstion	SBF405-105FLEX	MTJ-30cm-06	30 kHz~18GHz	Calibration from System	Feb. 19, 2022~ Feb. 21, 2022	Calibration from System	DFS (DF02-HY)
RF Cable	Woken	S05(100cm)	161202-04	30 kHz~18GHz	Calibration from System	Feb. 19, 2022~ Feb. 21, 2022	Calibration from System	DFS (DF02-HY)
RF Cable	MTJ Cooperstion	SBF405-105FLEX	MTJ-30cm-01	30 kHz~18GHz	Calibration from System	Feb. 19, 2022~ Feb. 21, 2022	Calibration from System	DFS (DF02-HY)
RF Cable	MTJ Cooperstion	SBF405-105FLEX	MTJ-30cm-02	30 kHz~18GHz	Calibration from System	Feb. 19, 2022~ Feb. 21, 2022	Calibration from System	DFS (DF02-HY)

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	15	1253.13	798	Yes
3	5	1672.24	598	Yes
4	9	1474.93	678	Yes
5	11	1392.76	718	Yes
6	2	1858.74	538	Yes
7	1	1930.50	518	Yes
8	22	1066.10	938	Yes
9	12	326.16	3066	Yes
10	18	1165.50	858	Yes
11	4	1730.10	578	Yes
12	17	1193.32	838	Yes
13	3	1792.11	558	Yes
14	19	1138.95	878	Yes
15	8	1519.76	658	Yes
16		436.87	2289	Yes
17		460.41	2172	Yes
18		600.60	1665	Yes
19		656.17	1524	Yes
20		505.31	1979	Yes
21		1055.97	947	Yes
22		1283.70	779	Yes
23		364.96	2740	Yes
24		637.35	1569	Yes
25		942.51	1061	Yes
26		584.80	1710	Yes
27		1324.50	755	Yes
28		462.96	2160	Yes
29		608.27	1644	Yes
30		370.78	2697	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	27	3.30	166	Yes
2	29	4.80	171	Yes
3	28	3.90	208	Yes
4	23	1.10	192	Yes
5	27	3.60	173	Yes
6	24	1.70	169	Yes
7	23	1.30	196	Yes
8	26	2.90	218	Yes
9	26	3.20	182	Yes
10	29	4.90	170	Yes
11	26	3.10	183	Yes
12	25	2.60	225	Yes
13	25	2.20	161	Yes
14	28	4.10	157	Yes
15	24	1.90	222	Yes
16	25	2.50	185	Yes
17	28	4.20	227	Yes
18	27	3.70	162	Yes
19	27	3.60	221	Yes
20	29	4.80	203	Yes
21	29	4.80	180	Yes
22	29	4.60	188	Yes
23	28	4.50	226	Yes
24	23	1.40	190	Yes
25	29	5.00	193	Yes
26	29	4.70	160	Yes
27	25	2.40	213	Yes
28	27	3.70	206	Yes
29	24	1.70	194	Yes
30	25	2.60	214	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	17	8.30	419	Yes
2	18	9.80	307	Yes
3	18	8.90	234	Yes
4	16	6.10	296	Yes
5	17	8.60	242	Yes
6	16	6.70	472	Yes
7	16	6.30	473	Yes
8	17	7.90	258	Yes
9	17	8.20	227	Yes
10	18	9.90	237	Yes
11	17	8.10	332	Yes
12	17	7.60	461	Yes
13	16	7.20	251	Yes
14	18	9.10	405	Yes
15	16	6.90	427	Yes
16	17	7.50	480	Yes
17	18	9.20	439	Yes
18	17	8.70	267	Yes
19	17	8.60	319	Yes
20	18	9.80	202	Yes
21	18	9.80	434	Yes
22	18	9.60	212	Yes
23	18	9.50	284	Yes
24	16	6.40	395	Yes
25	18	10.00	412	Yes
26	18	9.70	215	Yes
27	17	7.40	377	Yes
28	18	8.70	358	Yes
29	16	6.70	373	Yes
30	17	7.60	493	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	14	16.20	419	Yes
2	16	19.40	307	Yes
3	15	17.50	234	Yes
4	12	11.20	296	Yes
5	15	16.80	242	Yes
6	12	12.70	472	Yes
7	12	11.80	473	Yes
8	14	15.30	258	Yes
9	14	16.00	227	Yes
10	16	19.70	237	Yes
11	14	15.70	332	Yes
12	14	14.60	461	Yes
13	13	13.70	251	Yes
14	15	17.80	405	Yes
15	13	13.00	427	Yes
16	13	14.40	480	Yes
17	15	18.10	439	Yes
18	15	17.00	267	Yes
19	15	16.70	319	Yes
20	16	19.60	202	Yes
21	16	19.50	434	Yes
22	16	19.00	212	Yes
23	16	18.70	284	Yes
24	12	11.90	395	Yes
25	16	19.90	412	Yes
26	16	19.30	215	Yes
27	13	14.30	377	Yes
28	15	17.10	358	Yes
29	12	12.70	373	Yes
30	14	14.60	493	Yes

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	78.8	14	1987	-	652570
2	3	96.5	14	1516	1122	48883
3	3	85.9	14	1283	1884	241831
4	1	51.3	14	-	-	436327
5	2	82.4	14	1945	-	628850
6	1	59.5	14	-	-	25199
7	1	54.5	14	-	-	218826
8	2	74	14	1069	-	412019
9	2	77.9	14	1338	-	604913
10	3	97.9	14	1027	1329	1330
11	2	76.2	14	1456	-	194586
12	2	70	14	1296	-	388009
13	1	64.9	14	-	-	582589
14	3	87.8	14	1262	1593	773136
15	1	61.5	14	-	-	171167
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Trial Number:			2			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	69.1	19	1174	-	272955
2	3	89.3	19	1001	1942	416178
3	2	83.1	19	1709	-	562489
4	2	81.8	19	1779	-	109982
5	3	97.6	19	1094	1070	254804
6	3	97	19	1320	1842	398331
7	3	94.1	19	1979	1400	542388
8	3	92.8	19	1435	1646	92068
9	1	55.1	19	-	-	237493
10	3	99.2	19	1635	1677	380421
11	3	95.9	19	1914	1451	524861
12	2	68.2	19	1639	-	74473
13	3	83.9	19	1199	1505	218686
14	1	59.4	19	-	-	365126
15	2	70.2	19	1420	-	508571
16	1	61.9	19	-	-	56718
17	3	95.8	19	1615	1861	200818
18	2	77.8	19	1526	-	346146
19	3	86.2	19	1259	1087	490550
20	2	71.6	19	1949	-	38773

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

Trial Number:			3			Detection
Number of Bursts in Trial:			17			(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	89.8	16	1153	1171	215837
2	1	63.7	16	-	-	387587
3	1	64.9	16	-	-	558530
4	1	63.9	16	-	-	24694
5	3	92.4	16	1481	1364	194778
6	1	54.6	16	-	-	366472
7	3	97.7	16	1461	1258	535317
8	1	60.2	16	-	-	3670
9	3	93.6	16	1534	1897	173742
10	1	55.6	16	-	-	345397
11	2	83.3	16	1982	-	514377
12	2	71.9	16	1755	-	684992
13	3	86.4	16	1787	1702	152793
14	1	65.5	16	-	-	324140
15	2	79.6	16	1757	-	493700
16	1	57.6	16	-	-	665680
17	3	87.9	16	1998	1772	131663
18						
19						
20						

Trial Number:			4			Detection
Number of Bursts in Trial:			8			(Yes/No)
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	62.1	5	-	-	645336
2	2	69.4	5	1088	-	1007909
3	2	75	5	1057	-	1370918
4	3	84.7	5	1421	1245	236497
5	1	53.7	5	-	-	600454
6	2	80.8	5	1021	-	962902
7	1	52.1	5	-	-	1327110
8	3	86.5	5	1156	1201	191855
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			5			Detection
Number of Bursts in Trial:			16			(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	91.4	15	1664	1910	276362
2	2	70.6	15	1685	-	457909
3	1	64.6	15	-	-	640591
4	1	57.6	15	-	-	73653
5	3	85.9	15	1901	1152	254069
6	2	80.5	15	1863	-	435555
7	3	92.2	15	1828	1145	615915
8	2	78.7	15	1126	-	51175
9	1	66.2	15	-	-	232813
10	2	71.8	15	1430	-	413701
11	1	55.4	15	-	-	595639
12	2	74.3	15	1008	-	28881
13	2	69.2	15	1159	-	210248
14	3	89.5	15	1217	1093	390953
15	3	92.9	15	1335	1426	571778
16	3	99.4	15	1627	1107	6524
17						
18						
19						
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Trial Number:			6			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	83.9	8	1346	1392	300587
2	3	99.2	8	1099	1691	590431
3	3	99.5	8	1751	1880	879896
4	1	65.9	8	-	-	1173132
5	2	74	8	1485	-	265095
6	2	81.8	8	1253	-	555293
7	2	68.3	8	1475	-	845925
8	2	79.9	8	1513	-	1136090
9	1	62.6	8	-	-	229461
10	2	74.1	8	1292	-	519487
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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:			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	83.7	6	1493	1974	898702
2	1	58.4	6	-	-	1224087
3	1	61.2	6	-	-	215234
4	3	86.9	6	1453	1084	537338
5	3	86.1	6	1506	1282	859498
6	2	82.9	6	1663	-	1182516
7	1	62.7	6	-	-	175504
8	2	77.4	6	1929	-	497731
9	1	51	6	-	-	821327
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Trial Number:			8			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	3	84.1	12	1182	1706	733190
2	2	83.1	12	1321	-	87092
3	1	52.5	12	-	-	294668
4	1	57.7	12	-	-	501969
5	2	75.2	12	1744	-	707987
6	3	91.2	12	1080	1060	61477
7	3	93.3	12	1916	1348	268170
8	2	70.2	12	1550	-	475746
9	3	93.8	12	1620	1800	681444
10	2	74.1	12	1867	-	35971
11	2	83.3	12	1676	-	243084
12	2	68.7	12	1263	-	450578
13	2	72.7	12	1459	-	657647
14	2	76.5	12	1789	-	10487
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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:			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	75.6	13	1464	-	203018
2	1	50.8	13	-	-	397102
3	1	54.5	13	-	-	590480
4	2	81.3	13	1401	-	782854
5	3	86.3	13	1445	1862	178830
6	1	62.5	13	-	-	373409
7	1	59.5	13	-	-	566662
8	1	52.2	13	-	-	761014
9	3	84.7	13	1817	1355	155127
10	3	95.1	13	1286	1512	348155
11	1	61.8	13	-	-	542775
12	3	96.9	13	1603	1209	734075
13	3	83.8	13	1137	1311	131544
14	2	67.5	13	1044	-	325086
15	2	79.3	13	1125	-	518695
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17						
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Trial Number:			10			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	85.8	20	1005	1310	532230
2	2	72.6	20	1331	-	80753
3	1	61.5	20	-	-	226159
4	3	91.8	20	1007	1968	369757
5	3	88.4	20	1883	1356	513362
6	1	58.8	20	-	-	63125
7	1	66.3	20	-	-	208194
8	2	81.3	20	1527	-	352614
9	3	91.5	20	1535	1874	495524
10	2	74.3	20	1835	-	45106
11	2	74.7	20	1004	-	189933
12	2	80.8	20	1552	-	334655
13	1	61.6	20	-	-	481066
14	2	74.6	20	1298	-	27269
15	1	55.7	20	-	-	172460
16	2	79.3	20	1181	-	317014
17	1	55.4	20	-	-	463044
18	1	60.9	20	-	-	9460
19	2	82	20	1890	-	154050
20	3	85.6	20	1499	1877	298151

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

Trial Number:			11			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	3	86.1	13	1112	1557	634387
2	2	81.6	13	1238	-	842540
3	1	51.5	13	-	-	195470
4	2	76.4	13	1725	-	402417
5	1	64.9	13	-	-	610578
6	3	91.5	13	1703	1488	815346
7	2	81.8	13	1698	-	169611
8	3	98.4	13	1154	1299	376546
9	1	57.5	13	-	-	585276
10	3	95.9	13	1808	1711	789225
11	2	78.3	13	1889	-	143969
12	1	57.4	13	-	-	351853
13	2	75.7	13	1410	-	558795
14	3	90.9	13	1436	1868	764017
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			13			
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	11	-	-	127896
2	1	51.5	11	-	-	351441
3	2	71.7	11	1686	-	573776
4	2	76.9	11	1727	-	796922
5	3	84.3	11	1652	1428	100049
6	2	67.7	11	1679	-	323454
7	1	59.3	11	-	-	547569
8	2	69.5	11	1273	-	769706
9	1	63	11	-	-	72938
10	1	57	11	-	-	296345
11	1	61.5	11	-	-	520061
12	2	81.8	11	1811	-	742291
13	3	98	11	1980	1793	45204
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5494			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	77.7	9	1836	-	317262
2	2	79	9	1294	-	581193
3	1	65.7	9	-	-	846113
4	1	56.4	9	-	-	21083
5	3	85.9	9	1373	1215	284733
6	1	51.7	9	-	-	549674
7	2	81.9	9	1840	-	812281
8	3	93.3	9	1020	1114	1075657
9	1	54.1	9	-	-	252725
10	2	71	9	1967	-	515975
11	3	85.1	9	1560	1116	779517
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5497			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	76.8	17	1943	-	674026
2	3	96.9	17	1749	1134	141795
3	2	77	17	1741	-	312289
4	2	67.9	17	1360	-	482830
5	2	73.8	17	1192	-	653639
6	3	95.7	17	1448	1039	120934
7	3	96	17	1303	1381	290955
8	2	67.3	17	1206	-	462516
9	1	55	17	-	-	633966
10	2	70.7	17	1139	-	100188
11	1	66.5	17	-	-	271319
12	1	54.2	17	-	-	441747
13	1	57.5	17	-	-	612908
14	2	78.5	17	1102	-	79141
15	2	76.7	17	1204	-	249567
16	1	64.3	17	-	-	420768
17	2	76.2	17	1766	-	590399
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			10			
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	66.5	8	-	-	99031
2	2	68.6	8	1224	-	389313
3	3	94.5	8	1583	1038	679004
4	1	64.8	8	-	-	971310
5	2	83.2	8	1318	-	63153
6	3	93.6	8	1771	1622	352866
7	1	54.1	8	-	-	644319
8	2	69.4	8	1985	-	933492
9	3	91.8	8	1953	1617	27364
10	3	89.5	8	1688	1297	317280
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Trial Number:			16			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	92.5	11	1797	1179	505458
2	1	55.6	11	-	-	749535
3	3	93.9	11	1111	1314	989579
4	3	97.7	11	1404	1785	234522
5	1	53.8	11	-	-	477348
6	2	80.5	11	1252	-	718583
7	3	86.6	11	1500	1444	959304
8	1	50	11	-	-	205357
9	3	87.4	11	1078	1854	446013
10	3	90.7	11	1734	1474	687756
11	3	91.4	11	1574	1882	928698
12	3	95.8	11	1577	1904	174973
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5497			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	67.3	17	1268	-	277862
2	1	61.1	17	-	-	439720
3	3	94.3	17	1019	1157	598550
4	2	76.7	17	1387	-	96803
5	2	77.2	17	1758	-	257885
6	1	61.2	17	-	-	419851
7	2	74.7	17	1917	-	578962
8	1	58.1	17	-	-	77177
9	2	77.9	17	1279	-	238180
10	1	59.1	17	-	-	399800
11	3	87.5	17	1374	1768	558203
12	1	55.6	17	-	-	57292
13	2	76.7	17	1066	-	218237
14	3	85.6	17	1210	1350	378741
15	2	76.5	17	1846	-	540149
16	2	70.3	17	1624	-	37360
17	3	93.7	17	1628	1133	197971
18	1	53.3	17	-	-	360264
19						
20						

Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5496			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	72.9	15	1072	-	585746
2	3	98.6	15	1323	1933	19697
3	2	82	15	1049	-	200939
4	1	56.1	15	-	-	382753
5	1	53.4	15	-	-	564035
6	1	61.7	15	-	-	746095
7	1	61.2	15	-	-	178956
8	2	73.1	15	1361	-	359610
9	1	62.6	15	-	-	542328
10	2	73.8	15	1344	-	722107
11	2	71	15	1472	-	156229
12	2	78.5	15	1341	-	337738
13	3	89.4	15	1991	1673	517184
14	2	73.6	15	1477	-	700053
15	3	84.9	15	1803	1306	133704
16	2	70.8	15	1667	-	314857
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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:			16			
Chirp Center Frequency:			5496			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	51.2	15	-	-	497251
2	3	83.4	15	1196	1996	675765
3	2	70.6	15	1733	-	111672
4	1	56.4	15	-	-	293509
5	1	66.4	15	-	-	475112
6	3	93	15	1443	1163	654342
7	3	94.7	15	1405	1576	89122
8	3	83.7	15	1767	1529	270029
9	1	61.6	15	-	-	452864
10	2	83.3	15	1433	-	632894
11	2	68.1	15	1376	-	67030
12	3	88.2	15	1233	1830	247595
13	2	70.9	15	1650	-	429002
14	2	68.3	15	1710	-	610562
15	1	53.9	15	-	-	44776
16	1	66.3	15	-	-	226374
17						
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19						
20						

Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5498			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	56.3	20	-	-	326131
2	3	84.1	20	1720	1054	468759
3	2	67.8	20	1075	-	17910
4	3	92.9	20	1425	1748	162322
5	1	63.7	20	-	-	308157
6	1	61.1	20	-	-	453476
7	1	57.6	20	-	-	54
8	2	82.5	20	1566	-	144906
9	1	65.5	20	-	-	290337
10	1	54.1	20	-	-	435881
11	3	98.6	20	1101	1578	578099
12	1	50.9	20	-	-	127417
13	3	87.2	20	1954	1809	270720
14	3	99.4	20	1175	1164	415847
15	2	69.8	20	1684	-	561268
16	1	63.9	20	-	-	109405
17	2	70.8	20	1753	-	253992
18	1	55.9	20	-	-	399507
19	3	84.4	20	1439	1853	541680
20	3	93.2	20	1447	1441	91153

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:			5502			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	99.7	20	1816	1161	235565
2	3	87.3	20	1716	1138	380294
3	3	87	20	1712	1434	524274
4	2	79.9	20	1147	-	73564
5	1	53.8	20	-	-	218724
6	3	98.4	20	1237	1304	362188
7	3	94.6	20	1216	1290	506992
8	2	70.2	20	1737	-	55642
9	3	93.7	20	1553	1951	199649
10	2	73	20	1149	-	345445
11	1	52.1	20	-	-	491189
12	3	94.4	20	1796	1113	37747
13	2	69.8	20	1473	-	182657
14	1	54.6	20	-	-	328200
15	2	72.1	20	1648	-	471999
16	1	55.3	20	-	-	20035
17	1	55.7	20	-	-	165089
18	3	92	20	1184	1160	309243
19	1	57	20	-	-	455722
20	3	90.1	20	1046	1763	2160

Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5502			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	75.7	19	1973	-	154696
2	3	88.2	19	1289	1391	306502
3	3	90.9	19	1135	1415	458572
4	1	62.2	19	-	-	613663
5	3	94.4	19	1866	1098	135611
6	3	93.8	19	1409	1804	287612
7	3	96.5	19	1547	1762	439617
8	1	62.2	19	-	-	594556
9	1	63.5	19	-	-	117368
10	1	54.2	19	-	-	270230
11	2	67.3	19	2000	-	421644
12	1	65	19	-	-	575997
13	3	83.9	19	1378	1105	98299
14	1	60.8	19	-	-	251538
15	2	66.7	19	1857	-	403158
16	2	69.1	19	1025	-	556441
17	3	97.1	19	1064	1277	79552
18	3	87.9	19	1214	1269	231685
19	3	89	19	1334	1349	383693
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			19			
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	65.4	18	-	-	538005
2	1	66.6	18	-	-	61023
3	3	87.5	18	1450	1528	212720
4	3	88.9	18	1276	1050	365319
5	3	92.6	18	1616	1784	516831
6	1	51.9	18	-	-	42188
7	1	54.2	18	-	-	194893
8	2	81.2	18	1533	-	347179
9	2	82.5	18	1548	-	499022
10	2	77.3	18	1223	-	23281
11	1	64.5	18	-	-	176163
12	1	58.1	18	-	-	329080
13	2	78.8	18	1261	-	480887
14	3	98.9	18	1597	1775	4488
15	3	94.4	18	1146	1810	156708
16	2	67.5	18	1852	-	309230
17	1	61.4	18	-	-	462668
18	3	96.4	18	1413	1077	613095
19	2	74.7	18	1546	-	138182
20						

Trial Number:			24			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	3	85.6	6	1362	1864	614138
2	1	60.1	6	-	-	938935
3	1	51.8	6	-	-	1261865
4	2	82.4	6	1275	-	252828
5	1	56.6	6	-	-	575893
6	3	89.4	6	1822	1212	896967
7	1	55.7	6	-	-	1222093
8	3	87.1	6	1972	1207	212679
9	1	60.4	6	-	-	536165
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5502			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	58.9	20	-	-	386282
2	3	88	20	1963	1607	528217
3	1	52.9	20	-	-	77865
4	1	58.2	20	-	-	223046
5	2	67.9	20	1700	-	367287
6	1	53	20	-	-	513099
7	3	91.6	20	1029	1492	59755
8	2	73.5	20	1701	-	204540
9	3	88.2	20	1470	1562	348838
10	3	99.3	20	1255	1831	492936
11	3	98.4	20	1824	1504	41943
12	1	60.2	20	-	-	187341
13	3	90.2	20	1542	1888	330439
14	1	62.6	20	-	-	477372
15	1	63.9	20	-	-	24270
16	3	85	20	1798	1242	168535
17	3	99	20	1728	1865	312604
18	3	96.1	20	1241	1423	458008
19	3	88.5	20	1825	1609	6370
20	1	66.2	20	-	-	151539

Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5502			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	89.6	19	1284	1922	310663
2	3	93.4	19	1144	1489	463064
3	1	55.2	19	-	-	617671
4	2	72.8	19	1770	-	140289
5	2	72.4	19	1992	-	292769
6	1	52.3	19	-	-	446678
7	2	78.9	19	1483	-	597968
8	1	63.6	19	-	-	121957
9	3	84.3	19	1878	1305	273277
10	2	80.8	19	1902	-	426259
11	3	99.5	19	1843	1570	576877
12	3	86.9	19	1976	1630	102503
13	1	64.9	19	-	-	256077
14	3	93.8	19	1946	1668	406689
15	2	72.2	19	1419	-	560500
16	3	94.6	19	1495	1270	83923
17	2	74.3	19	1317	-	236584
18	1	56.2	19	-	-	389742
19	3	90.3	19	1781	1704	539548
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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:			12			
Chirp Center Frequency:			5506			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	75.8	10	1229	-	103546
2	1	57.2	10	-	-	345723
3	2	70.8	10	1222	-	587381
4	2	79.3	10	1414	-	828723
5	1	62.2	10	-	-	73859
6	3	98	10	1960	1558	314826
7	1	64.4	10	-	-	558130
8	3	95.4	10	1225	1188	798751
9	3	97.5	10	1330	1345	43921
10	3	87.9	10	1602	1682	285411
11	3	97.5	10	1302	1121	527183
12	1	57.7	10	-	-	770861
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5504			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	93.4	15	1636	1931	10610
2	2	67.2	15	1995	-	191599
3	2	70.9	15	1783	-	372678
4	2	70.9	15	1411	-	554100
5	1	65.6	15	-	-	737008
6	2	82.7	15	1127	-	169672
7	2	80.2	15	1471	-	350648
8	3	85.9	15	1649	1959	530301
9	1	65.6	15	-	-	714394
10	2	74.1	15	1697	-	147213
11	2	78	15	1568	-	328124
12	3	89.3	15	1626	1235	508307
13	1	57.3	15	-	-	691902
14	3	99.9	15	1463	1717	124659
15	1	61.5	15	-	-	306556
16	3	95.4	15	1924	1940	485336
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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:			10			
Chirp Center Frequency:			5506			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	96.5	8	1669	1197	1069537
2	3	90.5	8	1398	1123	164168
3	2	69.4	8	1903	-	454433
4	1	60.6	8	-	-	746130
5	3	92.8	8	1011	1619	1033969
6	1	55.8	8	-	-	128685
7	1	62.7	8	-	-	419503
8	1	58.9	8	-	-	710182
9	2	68.7	8	1023	-	999588
10	1	64	8	-	-	92932
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Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5505			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	93.1	11	1896	1640	293698
2	2	74.8	11	1658	-	517788
3	1	57.9	11	-	-	742003
4	1	56.9	11	-	-	43918
5	2	81.4	11	1899	-	266944
6	2	75.7	11	1977	-	489848
7	3	86.8	11	1417	1308	712045
8	2	73.1	11	1584	-	16344
9	1	56.1	11	-	-	239940
10	2	69.6	11	1124	-	462842
11	3	94	11	1076	1523	685181
12	2	72.8	11	1251	-	909661
13	1	56.5	11	-	-	212283
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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	15	1253.13	798	Yes
3	5	1672.24	598	Yes
4	9	1474.93	678	Yes
5	11	1392.76	718	Yes
6	2	1858.74	538	Yes
7	1	1930.50	518	Yes
8	22	1066.10	938	Yes
9	12	326.16	3066	Yes
10	18	1165.50	858	Yes
11	4	1730.10	578	Yes
12	17	1193.32	838	Yes
13	3	1792.11	558	Yes
14	19	1138.95	878	Yes
15	8	1519.76	658	Yes
16		436.87	2289	Yes
17		460.41	2172	Yes
18		600.60	1665	Yes
19		656.17	1524	Yes
20		505.31	1979	Yes
21		1055.97	947	Yes
22		1283.70	779	Yes
23		364.96	2740	Yes
24		637.35	1569	Yes
25		942.51	1061	Yes
26		584.80	1710	Yes
27		1324.50	755	Yes
28		462.96	2160	Yes
29		608.27	1644	Yes
30		370.78	2697	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	27	3.30	166	Yes
2	29	4.80	171	Yes
3	28	3.90	208	Yes
4	23	1.10	192	Yes
5	27	3.60	173	Yes
6	24	1.70	169	Yes
7	23	1.30	196	Yes
8	26	2.90	218	Yes
9	26	3.20	182	Yes
10	29	4.90	170	Yes
11	26	3.10	183	Yes
12	25	2.60	225	Yes
13	25	2.20	161	Yes
14	28	4.10	157	Yes
15	24	1.90	222	Yes
16	25	2.50	185	Yes
17	28	4.20	227	Yes
18	27	3.70	162	Yes
19	27	3.60	221	Yes
20	29	4.80	203	Yes
21	29	4.80	180	Yes
22	29	4.60	188	Yes
23	28	4.50	226	Yes
24	23	1.40	190	Yes
25	29	5.00	193	Yes
26	29	4.70	160	Yes
27	25	2.40	213	Yes
28	27	3.70	206	Yes
29	24	1.70	194	Yes
30	25	2.60	214	Yes

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	8.30	419	Yes
2	18	9.80	307	Yes
3	18	8.90	234	Yes
4	16	6.10	296	Yes
5	17	8.60	242	Yes
6	16	6.70	472	Yes
7	16	6.30	473	Yes
8	17	7.90	258	Yes
9	17	8.20	227	Yes
10	18	9.90	237	Yes
11	17	8.10	332	Yes
12	17	7.60	461	Yes
13	16	7.20	251	Yes
14	18	9.10	405	Yes
15	16	6.90	427	Yes
16	17	7.50	480	Yes
17	18	9.20	439	Yes
18	17	8.70	267	Yes
19	17	8.60	319	Yes
20	18	9.80	202	Yes
21	18	9.80	434	Yes
22	18	9.60	212	Yes
23	18	9.50	284	Yes
24	16	6.40	395	Yes
25	18	10.00	412	Yes
26	18	9.70	215	Yes
27	17	7.40	377	Yes
28	18	8.70	358	Yes
29	16	6.70	373	Yes
30	17	7.60	493	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	14	16.20	419	Yes
2	16	19.40	307	Yes
3	15	17.50	234	Yes
4	12	11.20	296	Yes
5	15	16.80	242	Yes
6	12	12.70	472	Yes
7	12	11.80	473	Yes
8	14	15.30	258	Yes
9	14	16.00	227	Yes
10	16	19.70	237	Yes
11	14	15.70	332	Yes
12	14	14.60	461	Yes
13	13	13.70	251	Yes
14	15	17.80	405	Yes
15	13	13.00	427	Yes
16	13	14.40	480	Yes
17	15	18.10	439	Yes
18	15	17.00	267	Yes
19	15	16.70	319	Yes
20	16	19.60	202	Yes
21	16	19.50	434	Yes
22	16	19.00	212	Yes
23	16	18.70	284	Yes
24	12	11.90	395	Yes
25	16	19.90	412	Yes
26	16	19.30	215	Yes
27	13	14.30	377	Yes
28	15	17.10	358	Yes
29	12	12.70	373	Yes
30	14	14.60	493	Yes

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	78.8	14	1987	-	652570
2	3	96.5	14	1516	1122	48883
3	3	85.9	14	1283	1884	241831
4	1	51.3	14	-	-	436327
5	2	82.4	14	1945	-	628850
6	1	59.5	14	-	-	25199
7	1	54.5	14	-	-	218826
8	2	74	14	1069	-	412019
9	2	77.9	14	1338	-	604913
10	3	97.9	14	1027	1329	1330
11	2	76.2	14	1456	-	194586
12	2	70	14	1296	-	388009
13	1	64.9	14	-	-	582589
14	3	87.8	14	1262	1593	773136
15	1	61.5	14	-	-	171167
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	69.1	19	1174	-	272955
2	3	89.3	19	1001	1942	416178
3	2	83.1	19	1709	-	562489
4	2	81.8	19	1779	-	109982
5	3	97.6	19	1094	1070	254804
6	3	97	19	1320	1842	398331
7	3	94.1	19	1979	1400	542388
8	3	92.8	19	1435	1646	92068
9	1	55.1	19	-	-	237493
10	3	99.2	19	1635	1677	380421
11	3	95.9	19	1914	1451	524861
12	2	68.2	19	1639	-	74473
13	3	83.9	19	1199	1505	218686
14	1	59.4	19	-	-	365126
15	2	70.2	19	1420	-	508571
16	1	61.9	19	-	-	56718
17	3	95.8	19	1615	1861	200818
18	2	77.8	19	1526	-	346146
19	3	86.2	19	1259	1087	490550
20	2	71.6	19	1949	-	38773

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

Trial Number:			3			Detection
Number of Bursts in Trial:			17			(Yes/No)
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	89.8	16	1153	1171	215837
2	1	63.7	16	-	-	387587
3	1	64.9	16	-	-	558530
4	1	63.9	16	-	-	24694
5	3	92.4	16	1481	1364	194778
6	1	54.6	16	-	-	366472
7	3	97.7	16	1461	1258	535317
8	1	60.2	16	-	-	3670
9	3	93.6	16	1534	1897	173742
10	1	55.6	16	-	-	345397
11	2	83.3	16	1982	-	514377
12	2	71.9	16	1755	-	684992
13	3	86.4	16	1787	1702	152793
14	1	65.5	16	-	-	324140
15	2	79.6	16	1757	-	493700
16	1	57.6	16	-	-	665680
17	3	87.9	16	1998	1772	131663
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Trial Number:			4			Detection
Number of Bursts in Trial:			8			(Yes/No)
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	62.1	5	-	-	645336
2	2	69.4	5	1088	-	1007909
3	2	75	5	1057	-	1370918
4	3	84.7	5	1421	1245	236497
5	1	53.7	5	-	-	600454
6	2	80.8	5	1021	-	962902
7	1	52.1	5	-	-	1327110
8	3	86.5	5	1156	1201	191855
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			5			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91.4	15	1664	1910	276362
2	2	70.6	15	1685	-	457909
3	1	64.6	15	-	-	640591
4	1	57.6	15	-	-	73653
5	3	85.9	15	1901	1152	254069
6	2	80.5	15	1863	-	435555
7	3	92.2	15	1828	1145	615915
8	2	78.7	15	1126	-	51175
9	1	66.2	15	-	-	232813
10	2	71.8	15	1430	-	413701
11	1	55.4	15	-	-	595639
12	2	74.3	15	1008	-	28881
13	2	69.2	15	1159	-	210248
14	3	89.5	15	1217	1093	390953
15	3	92.9	15	1335	1426	571778
16	3	99.4	15	1627	1107	6524
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Trial Number:			6			Detection
Number of Bursts in Trial:			10			(Yes/No)
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	83.9	8	1346	1392	300587
2	3	99.2	8	1099	1691	590431
3	3	99.5	8	1751	1880	879896
4	1	65.9	8	-	-	1173132
5	2	74	8	1485	-	265095
6	2	81.8	8	1253	-	555293
7	2	68.3	8	1475	-	845925
8	2	79.9	8	1513	-	1136090
9	1	62.6	8	-	-	229461
10	2	74.1	8	1292	-	519487
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			7			Detection
Number of Bursts in Trial:			9			(Yes/No)
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	83.7	6	1493	1974	898702
2	1	58.4	6	-	-	1224087
3	1	61.2	6	-	-	215234
4	3	86.9	6	1453	1084	537338
5	3	86.1	6	1506	1282	859498
6	2	82.9	6	1663	-	1182516
7	1	62.7	6	-	-	175504
8	2	77.4	6	1929	-	497731
9	1	51	6	-	-	821327
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Trial Number:			8			Detection
Number of Bursts in Trial:			14			(Yes/No)
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	84.1	12	1182	1706	733190
2	2	83.1	12	1321	-	87092
3	1	52.5	12	-	-	294668
4	1	57.7	12	-	-	501969
5	2	75.2	12	1744	-	707987
6	3	91.2	12	1080	1060	61477
7	3	93.3	12	1916	1348	268170
8	2	70.2	12	1550	-	475746
9	3	93.8	12	1620	1800	681444
10	2	74.1	12	1867	-	35971
11	2	83.3	12	1676	-	243084
12	2	68.7	12	1263	-	450578
13	2	72.7	12	1459	-	657647
14	2	76.5	12	1789	-	10487
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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:			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	75.6	13	1464	-	203018
2	1	50.8	13	-	-	397102
3	1	54.5	13	-	-	590480
4	2	81.3	13	1401	-	782854
5	3	86.3	13	1445	1862	178830
6	1	62.5	13	-	-	373409
7	1	59.5	13	-	-	566662
8	1	52.2	13	-	-	761014
9	3	84.7	13	1817	1355	155127
10	3	95.1	13	1286	1512	348155
11	1	61.8	13	-	-	542775
12	3	96.9	13	1603	1209	734075
13	3	83.8	13	1137	1311	131544
14	2	67.5	13	1044	-	325086
15	2	79.3	13	1125	-	518695
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5510			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	85.8	20	1005	1310	532230
2	2	72.6	20	1331	-	80753
3	1	61.5	20	-	-	226159
4	3	91.8	20	1007	1968	369757
5	3	88.4	20	1883	1356	513362
6	1	58.8	20	-	-	63125
7	1	66.3	20	-	-	208194
8	2	81.3	20	1527	-	352614
9	3	91.5	20	1535	1874	495524
10	2	74.3	20	1835	-	45106
11	2	74.7	20	1004	-	189933
12	2	80.8	20	1552	-	334655
13	1	61.6	20	-	-	481066
14	2	74.6	20	1298	-	27269
15	1	55.7	20	-	-	172460
16	2	79.3	20	1181	-	317014
17	1	55.4	20	-	-	463044
18	1	60.9	20	-	-	9460
19	2	82	20	1890	-	154050
20	3	85.6	20	1499	1877	298151

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

Trial Number:			11			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	3	86.1	13	1112	1557	634387
2	2	81.6	13	1238	-	842540
3	1	51.5	13	-	-	195470
4	2	76.4	13	1725	-	402417
5	1	64.9	13	-	-	610578
6	3	91.5	13	1703	1488	815346
7	2	81.8	13	1698	-	169611
8	3	98.4	13	1154	1299	376546
9	1	57.5	13	-	-	585276
10	3	95.9	13	1808	1711	789225
11	2	78.3	13	1889	-	143969
12	1	57.4	13	-	-	351853
13	2	75.7	13	1410	-	558795
14	3	90.9	13	1436	1868	764017
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Trial Number:			12			Detection
Number of Bursts in Trial:			13			(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	11	-	-	127896
2	1	51.5	11	-	-	351441
3	2	71.7	11	1686	-	573776
4	2	76.9	11	1727	-	796922
5	3	84.3	11	1652	1428	100049
6	2	67.7	11	1679	-	323454
7	1	59.3	11	-	-	547569
8	2	69.5	11	1273	-	769706
9	1	63	11	-	-	72938
10	1	57	11	-	-	296345
11	1	61.5	11	-	-	520061
12	2	81.8	11	1811	-	742291
13	3	98	11	1980	1793	45204
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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:			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	77.7	9	1836	-	317262
2	2	79	9	1294	-	581193
3	1	65.7	9	-	-	846113
4	1	56.4	9	-	-	21083
5	3	85.9	9	1373	1215	284733
6	1	51.7	9	-	-	549674
7	2	81.9	9	1840	-	812281
8	3	93.3	9	1020	1114	1075657
9	1	54.1	9	-	-	252725
10	2	71	9	1967	-	515975
11	3	85.1	9	1560	1116	779517
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Trial Number:			14			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	76.8	17	1943	-	674026
2	3	96.9	17	1749	1134	141795
3	2	77	17	1741	-	312289
4	2	67.9	17	1360	-	482830
5	2	73.8	17	1192	-	653639
6	3	95.7	17	1448	1039	120934
7	3	96	17	1303	1381	290955
8	2	67.3	17	1206	-	462516
9	1	55	17	-	-	633966
10	2	70.7	17	1139	-	100188
11	1	66.5	17	-	-	271319
12	1	54.2	17	-	-	441747
13	1	57.5	17	-	-	612908
14	2	78.5	17	1102	-	79141
15	2	76.7	17	1204	-	249567
16	1	64.3	17	-	-	420768
17	2	76.2	17	1766	-	590399
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			10			
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	66.5	8	-	-	99031
2	2	68.6	8	1224	-	389313
3	3	94.5	8	1583	1038	679004
4	1	64.8	8	-	-	971310
5	2	83.2	8	1318	-	63153
6	3	93.6	8	1771	1622	352866
7	1	54.1	8	-	-	644319
8	2	69.4	8	1985	-	933492
9	3	91.8	8	1953	1617	27364
10	3	89.5	8	1688	1297	317280
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	92.5	11	1797	1179	505458
2	1	55.6	11	-	-	749535
3	3	93.9	11	1111	1314	989579
4	3	97.7	11	1404	1785	234522
5	1	53.8	11	-	-	477348
6	2	80.5	11	1252	-	718583
7	3	86.6	11	1500	1444	959304
8	1	50	11	-	-	205357
9	3	87.4	11	1078	1854	446013
10	3	90.7	11	1734	1474	687756
11	3	91.4	11	1574	1882	928698
12	3	95.8	11	1577	1904	174973
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			17			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5498			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	67.3	17	1268	-	277862
2	1	61.1	17	-	-	439720
3	3	94.3	17	1019	1157	598550
4	2	76.7	17	1387	-	96803
5	2	77.2	17	1758	-	257885
6	1	61.2	17	-	-	419851
7	2	74.7	17	1917	-	578962
8	1	58.1	17	-	-	77177
9	2	77.9	17	1279	-	238180
10	1	59.1	17	-	-	399800
11	3	87.5	17	1374	1768	558203
12	1	55.6	17	-	-	57292
13	2	76.7	17	1066	-	218237
14	3	85.6	17	1210	1350	378741
15	2	76.5	17	1846	-	540149
16	2	70.3	17	1624	-	37360
17	3	93.7	17	1628	1133	197971
18	1	53.3	17	-	-	360264
19						
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Trial Number:			18			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5497			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	72.9	15	1072	-	585746
2	3	98.6	15	1323	1933	19697
3	2	82	15	1049	-	200939
4	1	56.1	15	-	-	382753
5	1	53.4	15	-	-	564035
6	1	61.7	15	-	-	746095
7	1	61.2	15	-	-	178956
8	2	73.1	15	1361	-	359610
9	1	62.6	15	-	-	542328
10	2	73.8	15	1344	-	722107
11	2	71	15	1472	-	156229
12	2	78.5	15	1341	-	337738
13	3	89.4	15	1991	1673	517184
14	2	73.6	15	1477	-	700053
15	3	84.9	15	1803	1306	133704
16	2	70.8	15	1667	-	314857
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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:			16			
Chirp Center Frequency:			5497			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	51.2	15	-	-	497251
2	3	83.4	15	1196	1996	675765
3	2	70.6	15	1733	-	111672
4	1	56.4	15	-	-	293509
5	1	66.4	15	-	-	475112
6	3	93	15	1443	1163	654342
7	3	94.7	15	1405	1576	89122
8	3	83.7	15	1767	1529	270029
9	1	61.6	15	-	-	452864
10	2	83.3	15	1433	-	632894
11	2	68.1	15	1376	-	67030
12	3	88.2	15	1233	1830	247595
13	2	70.9	15	1650	-	429002
14	2	68.3	15	1710	-	610562
15	1	53.9	15	-	-	44776
16	1	66.3	15	-	-	226374
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18						
19						
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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	1	56.3	20	-	-	326131
2	3	84.1	20	1720	1054	468759
3	2	67.8	20	1075	-	17910
4	3	92.9	20	1425	1748	162322
5	1	63.7	20	-	-	308157
6	1	61.1	20	-	-	453476
7	1	57.6	20	-	-	54
8	2	82.5	20	1566	-	144906
9	1	65.5	20	-	-	290337
10	1	54.1	20	-	-	435881
11	3	98.6	20	1101	1578	578099
12	1	50.9	20	-	-	127417
13	3	87.2	20	1954	1809	270720
14	3	99.4	20	1175	1164	415847
15	2	69.8	20	1684	-	561268
16	1	63.9	20	-	-	109405
17	2	70.8	20	1753	-	253992
18	1	55.9	20	-	-	399507
19	3	84.4	20	1439	1853	541680
20	3	93.2	20	1447	1441	91153

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:			5521			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	99.7	20	1816	1161	235565
2	3	87.3	20	1716	1138	380294
3	3	87	20	1712	1434	524274
4	2	79.9	20	1147	-	73564
5	1	53.8	20	-	-	218724
6	3	98.4	20	1237	1304	362188
7	3	94.6	20	1216	1290	506992
8	2	70.2	20	1737	-	55642
9	3	93.7	20	1553	1951	199649
10	2	73	20	1149	-	345445
11	1	52.1	20	-	-	491189
12	3	94.4	20	1796	1113	37747
13	2	69.8	20	1473	-	182657
14	1	54.6	20	-	-	328200
15	2	72.1	20	1648	-	471999
16	1	55.3	20	-	-	20035
17	1	55.7	20	-	-	165089
18	3	92	20	1184	1160	309243
19	1	57	20	-	-	455722
20	3	90.1	20	1046	1763	2160

Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5521			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	75.7	19	1973	-	154696
2	3	88.2	19	1289	1391	306502
3	3	90.9	19	1135	1415	458572
4	1	62.2	19	-	-	613663
5	3	94.4	19	1866	1098	135611
6	3	93.8	19	1409	1804	287612
7	3	96.5	19	1547	1762	439617
8	1	62.2	19	-	-	594556
9	1	63.5	19	-	-	117368
10	1	54.2	19	-	-	270230
11	2	67.3	19	2000	-	421644
12	1	65	19	-	-	575997
13	3	83.9	19	1378	1105	98299
14	1	60.8	19	-	-	251538
15	2	66.7	19	1857	-	403158
16	2	69.1	19	1025	-	556441
17	3	97.1	19	1064	1277	79552
18	3	87.9	19	1214	1269	231685
19	3	89	19	1334	1349	383693
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			19			
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	65.4	18	-	-	538005
2	1	66.6	18	-	-	61023
3	3	87.5	18	1450	1528	212720
4	3	88.9	18	1276	1050	365319
5	3	92.6	18	1616	1784	516831
6	1	51.9	18	-	-	42188
7	1	54.2	18	-	-	194893
8	2	81.2	18	1533	-	347179
9	2	82.5	18	1548	-	499022
10	2	77.3	18	1223	-	23281
11	1	64.5	18	-	-	176163
12	1	58.1	18	-	-	329080
13	2	78.8	18	1261	-	480887
14	3	98.9	18	1597	1775	4488
15	3	94.4	18	1146	1810	156708
16	2	67.5	18	1852	-	309230
17	1	61.4	18	-	-	462668
18	3	96.4	18	1413	1077	613095
19	2	74.7	18	1546	-	138182
20						

Trial Number:			24			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	3	85.6	6	1362	1864	614138
2	1	60.1	6	-	-	938935
3	1	51.8	6	-	-	1261865
4	2	82.4	6	1275	-	252828
5	1	56.6	6	-	-	575893
6	3	89.4	6	1822	1212	896967
7	1	55.7	6	-	-	1222093
8	3	87.1	6	1972	1207	212679
9	1	60.4	6	-	-	536165
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5521			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	58.9	20	-	-	386282
2	3	88	20	1963	1607	528217
3	1	52.9	20	-	-	77865
4	1	58.2	20	-	-	223046
5	2	67.9	20	1700	-	367287
6	1	53	20	-	-	513099
7	3	91.6	20	1029	1492	59755
8	2	73.5	20	1701	-	204540
9	3	88.2	20	1470	1562	348838
10	3	99.3	20	1255	1831	492936
11	3	98.4	20	1824	1504	41943
12	1	60.2	20	-	-	187341
13	3	90.2	20	1542	1888	330439
14	1	62.6	20	-	-	477372
15	1	63.9	20	-	-	24270
16	3	85	20	1798	1242	168535
17	3	99	20	1728	1865	312604
18	3	96.1	20	1241	1423	458008
19	3	88.5	20	1825	1609	6370
20	1	66.2	20	-	-	151539

Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5521			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	89.6	19	1284	1922	310663
2	3	93.4	19	1144	1489	463064
3	1	55.2	19	-	-	617671
4	2	72.8	19	1770	-	140289
5	2	72.4	19	1992	-	292769
6	1	52.3	19	-	-	446678
7	2	78.9	19	1483	-	597968
8	1	63.6	19	-	-	121957
9	3	84.3	19	1878	1305	273277
10	2	80.8	19	1902	-	426259
11	3	99.5	19	1843	1570	576877
12	3	86.9	19	1976	1630	102503
13	1	64.9	19	-	-	256077
14	3	93.8	19	1946	1668	406689
15	2	72.2	19	1419	-	560500
16	3	94.6	19	1495	1270	83923
17	2	74.3	19	1317	-	236584
18	1	56.2	19	-	-	389742
19	3	90.3	19	1781	1704	539548
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DFS Radar Parameters
FCC Radar Type 5
Channel 102 Bandwidth 40MHz

Trial Number:			27			Detection
Number of Bursts in Trial:			12			(Yes/No)
Chirp Center Frequency:			5525			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	75.8	10	1229	-	103546
2	1	57.2	10	-	-	345723
3	2	70.8	10	1222	-	587381
4	2	79.3	10	1414	-	828723
5	1	62.2	10	-	-	73859
6	3	98	10	1960	1558	314826
7	1	64.4	10	-	-	558130
8	3	95.4	10	1225	1188	798751
9	3	97.5	10	1330	1345	43921
10	3	87.9	10	1602	1682	285411
11	3	97.5	10	1302	1121	527183
12	1	57.7	10	-	-	770861
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Trial Number:			28			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5523			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	93.4	15	1636	1931	10610
2	2	67.2	15	1995	-	191599
3	2	70.9	15	1783	-	372678
4	2	70.9	15	1411	-	554100
5	1	65.6	15	-	-	737008
6	2	82.7	15	1127	-	169672
7	2	80.2	15	1471	-	350648
8	3	85.9	15	1649	1959	530301
9	1	65.6	15	-	-	714394
10	2	74.1	15	1697	-	147213
11	2	78	15	1568	-	328124
12	3	89.3	15	1626	1235	508307
13	1	57.3	15	-	-	691902
14	3	99.9	15	1463	1717	124659
15	1	61.5	15	-	-	306556
16	3	95.4	15	1924	1940	485336
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19						
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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:			10			
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	3	96.5	8	1669	1197	1069537
2	3	90.5	8	1398	1123	164168
3	2	69.4	8	1903	-	454433
4	1	60.6	8	-	-	746130
5	3	92.8	8	1011	1619	1033969
6	1	55.8	8	-	-	128685
7	1	62.7	8	-	-	419503
8	1	58.9	8	-	-	710182
9	2	68.7	8	1023	-	999588
10	1	64	8	-	-	92932
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Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5524			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	93.1	11	1896	1640	293698
2	2	74.8	11	1658	-	517788
3	1	57.9	11	-	-	742003
4	1	56.9	11	-	-	43918
5	2	81.4	11	1899	-	266944
6	2	75.7	11	1977	-	489848
7	3	86.8	11	1417	1308	712045
8	2	73.1	11	1584	-	16344
9	1	56.1	11	-	-	239940
10	2	69.6	11	1124	-	462842
11	3	94	11	1076	1523	685181
12	2	72.8	11	1251	-	909661
13	1	56.5	11	-	-	212283
14						
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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	15	1253.13	798	Yes
3	5	1672.24	598	Yes
4	9	1474.93	678	Yes
5	11	1392.76	718	Yes
6	2	1858.74	538	Yes
7	1	1930.50	518	Yes
8	22	1066.10	938	Yes
9	12	326.16	3066	Yes
10	18	1165.50	858	Yes
11	4	1730.10	578	Yes
12	17	1193.32	838	Yes
13	3	1792.11	558	Yes
14	19	1138.95	878	Yes
15	8	1519.76	658	Yes
16		436.87	2289	Yes
17		460.41	2172	Yes
18		600.60	1665	Yes
19		656.17	1524	Yes
20		505.31	1979	Yes
21		1055.97	947	Yes
22		1283.70	779	Yes
23		364.96	2740	Yes
24		637.35	1569	Yes
25		942.51	1061	Yes
26		584.80	1710	Yes
27		1324.50	755	Yes
28		462.96	2160	Yes
29		608.27	1644	Yes
30		370.78	2697	Yes

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	27	3.30	166	Yes
2	29	4.80	171	Yes
3	28	3.90	208	Yes
4	23	1.10	192	Yes
5	27	3.60	173	Yes
6	24	1.70	169	Yes
7	23	1.30	196	Yes
8	26	2.90	218	Yes
9	26	3.20	182	Yes
10	29	4.90	170	Yes
11	26	3.10	183	Yes
12	25	2.60	225	Yes
13	25	2.20	161	Yes
14	28	4.10	157	Yes
15	24	1.90	222	Yes
16	25	2.50	185	Yes
17	28	4.20	227	Yes
18	27	3.70	162	Yes
19	27	3.60	221	Yes
20	29	4.80	203	Yes
21	29	4.80	180	Yes
22	29	4.60	188	Yes
23	28	4.50	226	Yes
24	23	1.40	190	Yes
25	29	5.00	193	Yes
26	29	4.70	160	Yes
27	25	2.40	213	Yes
28	27	3.70	206	Yes
29	24	1.70	194	Yes
30	25	2.60	214	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	17	8.30	419	Yes
2	18	9.80	307	Yes
3	18	8.90	234	Yes
4	16	6.10	296	Yes
5	17	8.60	242	Yes
6	16	6.70	472	Yes
7	16	6.30	473	Yes
8	17	7.90	258	Yes
9	17	8.20	227	Yes
10	18	9.90	237	Yes
11	17	8.10	332	Yes
12	17	7.60	461	Yes
13	16	7.20	251	Yes
14	18	9.10	405	Yes
15	16	6.90	427	Yes
16	17	7.50	480	Yes
17	18	9.20	439	Yes
18	17	8.70	267	Yes
19	17	8.60	319	Yes
20	18	9.80	202	Yes
21	18	9.80	434	Yes
22	18	9.60	212	Yes
23	18	9.50	284	Yes
24	16	6.40	395	Yes
25	18	10.00	412	Yes
26	18	9.70	215	Yes
27	17	7.40	377	Yes
28	18	8.70	358	Yes
29	16	6.70	373	Yes
30	17	7.60	493	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	14	16.20	419	Yes
2	16	19.40	307	Yes
3	15	17.50	234	Yes
4	12	11.20	296	Yes
5	15	16.80	242	Yes
6	12	12.70	472	Yes
7	12	11.80	473	Yes
8	14	15.30	258	Yes
9	14	16.00	227	Yes
10	16	19.70	237	Yes
11	14	15.70	332	Yes
12	14	14.60	461	Yes
13	13	13.70	251	Yes
14	15	17.80	405	Yes
15	13	13.00	427	Yes
16	13	14.40	480	Yes
17	15	18.10	439	Yes
18	15	17.00	267	Yes
19	15	16.70	319	Yes
20	16	19.60	202	Yes
21	16	19.50	434	Yes
22	16	19.00	212	Yes
23	16	18.70	284	Yes
24	12	11.90	395	Yes
25	16	19.90	412	Yes
26	16	19.30	215	Yes
27	13	14.30	377	Yes
28	15	17.10	358	Yes
29	12	12.70	373	Yes
30	14	14.60	493	Yes

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	78.8	14	1987	-	652570
2	3	96.5	14	1516	1122	48883
3	3	85.9	14	1283	1884	241831
4	1	51.3	14	-	-	436327
5	2	82.4	14	1945	-	628850
6	1	59.5	14	-	-	25199
7	1	54.5	14	-	-	218826
8	2	74	14	1069	-	412019
9	2	77.9	14	1338	-	604913
10	3	97.9	14	1027	1329	1330
11	2	76.2	14	1456	-	194586
12	2	70	14	1296	-	388009
13	1	64.9	14	-	-	582589
14	3	87.8	14	1262	1593	773136
15	1	61.5	14	-	-	171167
16						
17						
18						
19						
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	69.1	19	1174	-	272955
2	3	89.3	19	1001	1942	416178
3	2	83.1	19	1709	-	562489
4	2	81.8	19	1779	-	109982
5	3	97.6	19	1094	1070	254804
6	3	97	19	1320	1842	398331
7	3	94.1	19	1979	1400	542388
8	3	92.8	19	1435	1646	92068
9	1	55.1	19	-	-	237493
10	3	99.2	19	1635	1677	380421
11	3	95.9	19	1914	1451	524861
12	2	68.2	19	1639	-	74473
13	3	83.9	19	1199	1505	218686
14	1	59.4	19	-	-	365126
15	2	70.2	19	1420	-	508571
16	1	61.9	19	-	-	56718
17	3	95.8	19	1615	1861	200818
18	2	77.8	19	1526	-	346146
19	3	86.2	19	1259	1087	490550
20	2	71.6	19	1949	-	38773

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Trial Number:			3			Detection
Number of Bursts in Trial:			17			(Yes/No)
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	89.8	16	1153	1171	215837
2	1	63.7	16	-	-	387587
3	1	64.9	16	-	-	558530
4	1	63.9	16	-	-	24694
5	3	92.4	16	1481	1364	194778
6	1	54.6	16	-	-	366472
7	3	97.7	16	1461	1258	535317
8	1	60.2	16	-	-	3670
9	3	93.6	16	1534	1897	173742
10	1	55.6	16	-	-	345397
11	2	83.3	16	1982	-	514377
12	2	71.9	16	1755	-	684992
13	3	86.4	16	1787	1702	152793
14	1	65.5	16	-	-	324140
15	2	79.6	16	1757	-	493700
16	1	57.6	16	-	-	665680
17	3	87.9	16	1998	1772	131663
18						
19						
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Trial Number:			4			Detection
Number of Bursts in Trial:			8			(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	62.1	5	-	-	645336
2	2	69.4	5	1088	-	1007909
3	2	75	5	1057	-	1370918
4	3	84.7	5	1421	1245	236497
5	1	53.7	5	-	-	600454
6	2	80.8	5	1021	-	962902
7	1	52.1	5	-	-	1327110
8	3	86.5	5	1156	1201	191855
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Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91.4	15	1664	1910	276362
2	2	70.6	15	1685	-	457909
3	1	64.6	15	-	-	640591
4	1	57.6	15	-	-	73653
5	3	85.9	15	1901	1152	254069
6	2	80.5	15	1863	-	435555
7	3	92.2	15	1828	1145	615915
8	2	78.7	15	1126	-	51175
9	1	66.2	15	-	-	232813
10	2	71.8	15	1430	-	413701
11	1	55.4	15	-	-	595639
12	2	74.3	15	1008	-	28881
13	2	69.2	15	1159	-	210248
14	3	89.5	15	1217	1093	390953
15	3	92.9	15	1335	1426	571778
16	3	99.4	15	1627	1107	6524
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Trial Number:			6			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	83.9	8	1346	1392	300587
2	3	99.2	8	1099	1691	590431
3	3	99.5	8	1751	1880	879896
4	1	65.9	8	-	-	1173132
5	2	74	8	1485	-	265095
6	2	81.8	8	1253	-	555293
7	2	68.3	8	1475	-	845925
8	2	79.9	8	1513	-	1136090
9	1	62.6	8	-	-	229461
10	2	74.1	8	1292	-	519487
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Trial Number:			7			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	83.7	6	1493	1974	898702
2	1	58.4	6	-	-	1224087
3	1	61.2	6	-	-	215234
4	3	86.9	6	1453	1084	537338
5	3	86.1	6	1506	1282	859498
6	2	82.9	6	1663	-	1182516
7	1	62.7	6	-	-	175504
8	2	77.4	6	1929	-	497731
9	1	51	6	-	-	821327
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Trial Number:			8			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	3	84.1	12	1182	1706	733190
2	2	83.1	12	1321	-	87092
3	1	52.5	12	-	-	294668
4	1	57.7	12	-	-	501969
5	2	75.2	12	1744	-	707987
6	3	91.2	12	1080	1060	61477
7	3	93.3	12	1916	1348	268170
8	2	70.2	12	1550	-	475746
9	3	93.8	12	1620	1800	681444
10	2	74.1	12	1867	-	35971
11	2	83.3	12	1676	-	243084
12	2	68.7	12	1263	-	450578
13	2	72.7	12	1459	-	657647
14	2	76.5	12	1789	-	10487
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Trial Number:			9			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	75.6	13	1464	-	203018
2	1	50.8	13	-	-	397102
3	1	54.5	13	-	-	590480
4	2	81.3	13	1401	-	782854
5	3	86.3	13	1445	1862	178830
6	1	62.5	13	-	-	373409
7	1	59.5	13	-	-	566662
8	1	52.2	13	-	-	761014
9	3	84.7	13	1817	1355	155127
10	3	95.1	13	1286	1512	348155
11	1	61.8	13	-	-	542775
12	3	96.9	13	1603	1209	734075
13	3	83.8	13	1137	1311	131544
14	2	67.5	13	1044	-	325086
15	2	79.3	13	1125	-	518695
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5530			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	85.8	20	1005	1310	532230
2	2	72.6	20	1331	-	80753
3	1	61.5	20	-	-	226159
4	3	91.8	20	1007	1968	369757
5	3	88.4	20	1883	1356	513362
6	1	58.8	20	-	-	63125
7	1	66.3	20	-	-	208194
8	2	81.3	20	1527	-	352614
9	3	91.5	20	1535	1874	495524
10	2	74.3	20	1835	-	45106
11	2	74.7	20	1004	-	189933
12	2	80.8	20	1552	-	334655
13	1	61.6	20	-	-	481066
14	2	74.6	20	1298	-	27269
15	1	55.7	20	-	-	172460
16	2	79.3	20	1181	-	317014
17	1	55.4	20	-	-	463044
18	1	60.9	20	-	-	9460
19	2	82	20	1890	-	154050
20	3	85.6	20	1499	1877	298151

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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5497			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	86.1	13	1112	1557	634387
2	2	81.6	13	1238	-	842540
3	1	51.5	13	-	-	195470
4	2	76.4	13	1725	-	402417
5	1	64.9	13	-	-	610578
6	3	91.5	13	1703	1488	815346
7	2	81.8	13	1698	-	169611
8	3	98.4	13	1154	1299	376546
9	1	57.5	13	-	-	585276
10	3	95.9	13	1808	1711	789225
11	2	78.3	13	1889	-	143969
12	1	57.4	13	-	-	351853
13	2	75.7	13	1410	-	558795
14	3	90.9	13	1436	1868	764017
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			13			
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	11	-	-	127896
2	1	51.5	11	-	-	351441
3	2	71.7	11	1686	-	573776
4	2	76.9	11	1727	-	796922
5	3	84.3	11	1652	1428	100049
6	2	67.7	11	1679	-	323454
7	1	59.3	11	-	-	547569
8	2	69.5	11	1273	-	769706
9	1	63	11	-	-	72938
10	1	57	11	-	-	296345
11	1	61.5	11	-	-	520061
12	2	81.8	11	1811	-	742291
13	3	98	11	1980	1793	45204
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Trial Number:			13			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	77.7	9	1836	-	317262
2	2	79	9	1294	-	581193
3	1	65.7	9	-	-	846113
4	1	56.4	9	-	-	21083
5	3	85.9	9	1373	1215	284733
6	1	51.7	9	-	-	549674
7	2	81.9	9	1840	-	812281
8	3	93.3	9	1020	1114	1075657
9	1	54.1	9	-	-	252725
10	2	71	9	1967	-	515975
11	3	85.1	9	1560	1116	779517
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Trial Number:			14			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	76.8	17	1943	-	674026
2	3	96.9	17	1749	1134	141795
3	2	77	17	1741	-	312289
4	2	67.9	17	1360	-	482830
5	2	73.8	17	1192	-	653639
6	3	95.7	17	1448	1039	120934
7	3	96	17	1303	1381	290955
8	2	67.3	17	1206	-	462516
9	1	55	17	-	-	633966
10	2	70.7	17	1139	-	100188
11	1	66.5	17	-	-	271319
12	1	54.2	17	-	-	441747
13	1	57.5	17	-	-	612908
14	2	78.5	17	1102	-	79141
15	2	76.7	17	1204	-	249567
16	1	64.3	17	-	-	420768
17	2	76.2	17	1766	-	590399
18						
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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			10			
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	66.5	8	-	-	99031
2	2	68.6	8	1224	-	389313
3	3	94.5	8	1583	1038	679004
4	1	64.8	8	-	-	971310
5	2	83.2	8	1318	-	63153
6	3	93.6	8	1771	1622	352866
7	1	54.1	8	-	-	644319
8	2	69.4	8	1985	-	933492
9	3	91.8	8	1953	1617	27364
10	3	89.5	8	1688	1297	317280
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			12			
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	92.5	11	1797	1179	505458
2	1	55.6	11	-	-	749535
3	3	93.9	11	1111	1314	989579
4	3	97.7	11	1404	1785	234522
5	1	53.8	11	-	-	477348
6	2	80.5	11	1252	-	718583
7	3	86.6	11	1500	1444	959304
8	1	50	11	-	-	205357
9	3	87.4	11	1078	1854	446013
10	3	90.7	11	1734	1474	687756
11	3	91.4	11	1574	1882	928698
12	3	95.8	11	1577	1904	174973
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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			18			
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	67.3	17	1268	-	277862
2	1	61.1	17	-	-	439720
3	3	94.3	17	1019	1157	598550
4	2	76.7	17	1387	-	96803
5	2	77.2	17	1758	-	257885
6	1	61.2	17	-	-	419851
7	2	74.7	17	1917	-	578962
8	1	58.1	17	-	-	77177
9	2	77.9	17	1279	-	238180
10	1	59.1	17	-	-	399800
11	3	87.5	17	1374	1768	558203
12	1	55.6	17	-	-	57292
13	2	76.7	17	1066	-	218237
14	3	85.6	17	1210	1350	378741
15	2	76.5	17	1846	-	540149
16	2	70.3	17	1624	-	37360
17	3	93.7	17	1628	1133	197971
18	1	53.3	17	-	-	360264
19						
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Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5498			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	72.9	15	1072	-	585746
2	3	98.6	15	1323	1933	19697
3	2	82	15	1049	-	200939
4	1	56.1	15	-	-	382753
5	1	53.4	15	-	-	564035
6	1	61.7	15	-	-	746095
7	1	61.2	15	-	-	178956
8	2	73.1	15	1361	-	359610
9	1	62.6	15	-	-	542328
10	2	73.8	15	1344	-	722107
11	2	71	15	1472	-	156229
12	2	78.5	15	1341	-	337738
13	3	89.4	15	1991	1673	517184
14	2	73.6	15	1477	-	700053
15	3	84.9	15	1803	1306	133704
16	2	70.8	15	1667	-	314857
17						
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5498			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	51.2	15	-	-	497251
2	3	83.4	15	1196	1996	675765
3	2	70.6	15	1733	-	111672
4	1	56.4	15	-	-	293509
5	1	66.4	15	-	-	475112
6	3	93	15	1443	1163	654342
7	3	94.7	15	1405	1576	89122
8	3	83.7	15	1767	1529	270029
9	1	61.6	15	-	-	452864
10	2	83.3	15	1433	-	632894
11	2	68.1	15	1376	-	67030
12	3	88.2	15	1233	1830	247595
13	2	70.9	15	1650	-	429002
14	2	68.3	15	1710	-	610562
15	1	53.9	15	-	-	44776
16	1	66.3	15	-	-	226374
17						
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	1	56.3	20	-	-	326131
2	3	84.1	20	1720	1054	468759
3	2	67.8	20	1075	-	17910
4	3	92.9	20	1425	1748	162322
5	1	63.7	20	-	-	308157
6	1	61.1	20	-	-	453476
7	1	57.6	20	-	-	54
8	2	82.5	20	1566	-	144906
9	1	65.5	20	-	-	290337
10	1	54.1	20	-	-	435881
11	3	98.6	20	1101	1578	578099
12	1	50.9	20	-	-	127417
13	3	87.2	20	1954	1809	270720
14	3	99.4	20	1175	1164	415847
15	2	69.8	20	1684	-	561268
16	1	63.9	20	-	-	109405
17	2	70.8	20	1753	-	253992
18	1	55.9	20	-	-	399507
19	3	84.4	20	1439	1853	541680
20	3	93.2	20	1447	1441	91153

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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	3	99.7	20	1816	1161	235565
2	3	87.3	20	1716	1138	380294
3	3	87	20	1712	1434	524274
4	2	79.9	20	1147	-	73564
5	1	53.8	20	-	-	218724
6	3	98.4	20	1237	1304	362188
7	3	94.6	20	1216	1290	506992
8	2	70.2	20	1737	-	55642
9	3	93.7	20	1553	1951	199649
10	2	73	20	1149	-	345445
11	1	52.1	20	-	-	491189
12	3	94.4	20	1796	1113	37747
13	2	69.8	20	1473	-	182657
14	1	54.6	20	-	-	328200
15	2	72.1	20	1648	-	471999
16	1	55.3	20	-	-	20035
17	1	55.7	20	-	-	165089
18	3	92	20	1184	1160	309243
19	1	57	20	-	-	455722
20	3	90.1	20	1046	1763	2160

Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			19			
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	2	75.7	19	1973	-	154696
2	3	88.2	19	1289	1391	306502
3	3	90.9	19	1135	1415	458572
4	1	62.2	19	-	-	613663
5	3	94.4	19	1866	1098	135611
6	3	93.8	19	1409	1804	287612
7	3	96.5	19	1547	1762	439617
8	1	62.2	19	-	-	594556
9	1	63.5	19	-	-	117368
10	1	54.2	19	-	-	270230
11	2	67.3	19	2000	-	421644
12	1	65	19	-	-	575997
13	3	83.9	19	1378	1105	98299
14	1	60.8	19	-	-	251538
15	2	66.7	19	1857	-	403158
16	2	69.1	19	1025	-	556441
17	3	97.1	19	1064	1277	79552
18	3	87.9	19	1214	1269	231685
19	3	89	19	1334	1349	383693
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			23			Detection
Number of Bursts in Trial:			19			(Yes/No)
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	65.4	18	-	-	538005
2	1	66.6	18	-	-	61023
3	3	87.5	18	1450	1528	212720
4	3	88.9	18	1276	1050	365319
5	3	92.6	18	1616	1784	516831
6	1	51.9	18	-	-	42188
7	1	54.2	18	-	-	194893
8	2	81.2	18	1533	-	347179
9	2	82.5	18	1548	-	499022
10	2	77.3	18	1223	-	23281
11	1	64.5	18	-	-	176163
12	1	58.1	18	-	-	329080
13	2	78.8	18	1261	-	480887
14	3	98.9	18	1597	1775	4488
15	3	94.4	18	1146	1810	156708
16	2	67.5	18	1852	-	309230
17	1	61.4	18	-	-	462668
18	3	96.4	18	1413	1077	613095
19	2	74.7	18	1546	-	138182
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Trial Number:			24			Detection
Number of Bursts in Trial:			9			(Yes/No)
Chirp Center Frequency:			5566			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	85.6	6	1362	1864	614138
2	1	60.1	6	-	-	938935
3	1	51.8	6	-	-	1261865
4	2	82.4	6	1275	-	252828
5	1	56.6	6	-	-	575893
6	3	89.4	6	1822	1212	896967
7	1	55.7	6	-	-	1222093
8	3	87.1	6	1972	1207	212679
9	1	60.4	6	-	-	536165
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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:			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	58.9	20	-	-	386282
2	3	88	20	1963	1607	528217
3	1	52.9	20	-	-	77865
4	1	58.2	20	-	-	223046
5	2	67.9	20	1700	-	367287
6	1	53	20	-	-	513099
7	3	91.6	20	1029	1492	59755
8	2	73.5	20	1701	-	204540
9	3	88.2	20	1470	1562	348838
10	3	99.3	20	1255	1831	492936
11	3	98.4	20	1824	1504	41943
12	1	60.2	20	-	-	187341
13	3	90.2	20	1542	1888	330439
14	1	62.6	20	-	-	477372
15	1	63.9	20	-	-	24270
16	3	85	20	1798	1242	168535
17	3	99	20	1728	1865	312604
18	3	96.1	20	1241	1423	458008
19	3	88.5	20	1825	1609	6370
20	1	66.2	20	-	-	151539

Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			19			
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	3	89.6	19	1284	1922	310663
2	3	93.4	19	1144	1489	463064
3	1	55.2	19	-	-	617671
4	2	72.8	19	1770	-	140289
5	2	72.4	19	1992	-	292769
6	1	52.3	19	-	-	446678
7	2	78.9	19	1483	-	597968
8	1	63.6	19	-	-	121957
9	3	84.3	19	1878	1305	273277
10	2	80.8	19	1902	-	426259
11	3	99.5	19	1843	1570	576877
12	3	86.9	19	1976	1630	102503
13	1	64.9	19	-	-	256077
14	3	93.8	19	1946	1668	406689
15	2	72.2	19	1419	-	560500
16	3	94.6	19	1495	1270	83923
17	2	74.3	19	1317	-	236584
18	1	56.2	19	-	-	389742
19	3	90.3	19	1781	1704	539548
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			27			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	2	75.8	10	1229	-	103546
2	1	57.2	10	-	-	345723
3	2	70.8	10	1222	-	587381
4	2	79.3	10	1414	-	828723
5	1	62.2	10	-	-	73859
6	3	98	10	1960	1558	314826
7	1	64.4	10	-	-	558130
8	3	95.4	10	1225	1188	798751
9	3	97.5	10	1330	1345	43921
10	3	87.9	10	1602	1682	285411
11	3	97.5	10	1302	1121	527183
12	1	57.7	10	-	-	770861
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Trial Number:			28			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	3	93.4	15	1636	1931	10610
2	2	67.2	15	1995	-	191599
3	2	70.9	15	1783	-	372678
4	2	70.9	15	1411	-	554100
5	1	65.6	15	-	-	737008
6	2	82.7	15	1127	-	169672
7	2	80.2	15	1471	-	350648
8	3	85.9	15	1649	1959	530301
9	1	65.6	15	-	-	714394
10	2	74.1	15	1697	-	147213
11	2	78	15	1568	-	328124
12	3	89.3	15	1626	1235	508307
13	1	57.3	15	-	-	691902
14	3	99.9	15	1463	1717	124659
15	1	61.5	15	-	-	306556
16	3	95.4	15	1924	1940	485336
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DFS Radar Parameters
FCC Radar Type 5
Channel 106 Bandwidth 80MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5565			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	96.5	8	1669	1197	1069537
2	3	90.5	8	1398	1123	164168
3	2	69.4	8	1903	-	454433
4	1	60.6	8	-	-	746130
5	3	92.8	8	1011	1619	1033969
6	1	55.8	8	-	-	128685
7	1	62.7	8	-	-	419503
8	1	58.9	8	-	-	710182
9	2	68.7	8	1023	-	999588
10	1	64	8	-	-	92932
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Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5564			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	93.1	11	1896	1640	293698
2	2	74.8	11	1658	-	517788
3	1	57.9	11	-	-	742003
4	1	56.9	11	-	-	43918
5	2	81.4	11	1899	-	266944
6	2	75.7	11	1977	-	489848
7	3	86.8	11	1417	1308	712045
8	2	73.1	11	1584	-	16344
9	1	56.1	11	-	-	239940
10	2	69.6	11	1124	-	462842
11	3	94	11	1076	1523	685181
12	2	72.8	11	1251	-	909661
13	1	56.5	11	-	-	212283
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DFS Radar Parameters
FCC Radar Type 1
Channel 114 Bandwidth 80+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	15	1253.13	798	Yes
3	5	1672.24	598	Yes
4	9	1474.93	678	Yes
5	11	1392.76	718	Yes
6	2	1858.74	538	Yes
7	1	1930.50	518	Yes
8	22	1066.10	938	Yes
9	12	326.16	3066	Yes
10	18	1165.50	858	Yes
11	4	1730.10	578	Yes
12	17	1193.32	838	Yes
13	3	1792.11	558	Yes
14	19	1138.95	878	Yes
15	8	1519.76	658	Yes
16		436.87	2289	Yes
17		460.41	2172	Yes
18		600.60	1665	Yes
19		656.17	1524	Yes
20		505.31	1979	Yes
21		1055.97	947	Yes
22		1283.70	779	Yes
23		364.96	2740	Yes
24		637.35	1569	Yes
25		942.51	1061	Yes
26		584.80	1710	Yes
27		1324.50	755	Yes
28		462.96	2160	Yes
29		608.27	1644	Yes
30		370.78	2697	Yes

DFS Radar Parameters
FCC Radar Type 2
Channel 114 Bandwidth 80+80MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	27	3.30	166	Yes
2	29	4.80	171	Yes
3	28	3.90	208	Yes
4	23	1.10	192	Yes
5	27	3.60	173	Yes
6	24	1.70	169	Yes
7	23	1.30	196	Yes
8	26	2.90	218	Yes
9	26	3.20	182	Yes
10	29	4.90	170	Yes
11	26	3.10	183	Yes
12	25	2.60	225	Yes
13	25	2.20	161	Yes
14	28	4.10	157	Yes
15	24	1.90	222	Yes
16	25	2.50	185	Yes
17	28	4.20	227	Yes
18	27	3.70	162	Yes
19	27	3.60	221	Yes
20	29	4.80	203	Yes
21	29	4.80	180	Yes
22	29	4.60	188	Yes
23	28	4.50	226	Yes
24	23	1.40	190	Yes
25	29	5.00	193	Yes
26	29	4.70	160	Yes
27	25	2.40	213	Yes
28	27	3.70	206	Yes
29	24	1.70	194	Yes
30	25	2.60	214	Yes

DFS Radar Parameters
FCC Radar Type 3
Channel 114 Bandwidth 80+80MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	17	8.30	419	Yes
2	18	9.80	307	Yes
3	18	8.90	234	Yes
4	16	6.10	296	Yes
5	17	8.60	242	Yes
6	16	6.70	472	Yes
7	16	6.30	473	Yes
8	17	7.90	258	Yes
9	17	8.20	227	Yes
10	18	9.90	237	Yes
11	17	8.10	332	Yes
12	17	7.60	461	Yes
13	16	7.20	251	Yes
14	18	9.10	405	Yes
15	16	6.90	427	Yes
16	17	7.50	480	Yes
17	18	9.20	439	Yes
18	17	8.70	267	Yes
19	17	8.60	319	Yes
20	18	9.80	202	Yes
21	18	9.80	434	Yes
22	18	9.60	212	Yes
23	18	9.50	284	Yes
24	16	6.40	395	Yes
25	18	10.00	412	Yes
26	18	9.70	215	Yes
27	17	7.40	377	Yes
28	18	8.70	358	Yes
29	16	6.70	373	Yes
30	17	7.60	493	Yes

DFS Radar Parameters
FCC Radar Type 4
Channel 114 Bandwidth 80+80MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	14	16.20	419	Yes
2	16	19.40	307	Yes
3	15	17.50	234	Yes
4	12	11.20	296	Yes
5	15	16.80	242	Yes
6	12	12.70	472	Yes
7	12	11.80	473	Yes
8	14	15.30	258	Yes
9	14	16.00	227	Yes
10	16	19.70	237	Yes
11	14	15.70	332	Yes
12	14	14.60	461	Yes
13	13	13.70	251	Yes
14	15	17.80	405	Yes
15	13	13.00	427	Yes
16	13	14.40	480	Yes
17	15	18.10	439	Yes
18	15	17.00	267	Yes
19	15	16.70	319	Yes
20	16	19.60	202	Yes
21	16	19.50	434	Yes
22	16	19.00	212	Yes
23	16	18.70	284	Yes
24	12	11.90	395	Yes
25	16	19.90	412	Yes
26	16	19.30	215	Yes
27	13	14.30	377	Yes
28	15	17.10	358	Yes
29	12	12.70	373	Yes
30	14	14.60	493	Yes

DFS Radar Parameters
FCC Radar Type 5
Channel 114 Bandwidth 80+80MHz

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5570			Yes
Burst	Number of Pulses	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	78.8	14	1987	-	652570
2	3	96.5	14	1516	1122	48883
3	3	85.9	14	1283	1884	241831
4	1	51.3	14	-	-	436327
5	2	82.4	14	1945	-	628850
6	1	59.5	14	-	-	25199
7	1	54.5	14	-	-	218826
8	2	74	14	1069	-	412019
9	2	77.9	14	1338	-	604913
10	3	97.9	14	1027	1329	1330
11	2	76.2	14	1456	-	194586
12	2	70	14	1296	-	388009
13	1	64.9	14	-	-	582589
14	3	87.8	14	1262	1593	773136
15	1	61.5	14	-	-	171167
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5570			Yes
Burst	Number of Pulses	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	69.1	19	1174	-	272955
2	3	89.3	19	1001	1942	416178
3	2	83.1	19	1709	-	562489
4	2	81.8	19	1779	-	109982
5	3	97.6	19	1094	1070	254804
6	3	97	19	1320	1842	398331
7	3	94.1	19	1979	1400	542388
8	3	92.8	19	1435	1646	92068
9	1	55.1	19	-	-	237493
10	3	99.2	19	1635	1677	380421
11	3	95.9	19	1914	1451	524861
12	2	68.2	19	1639	-	74473
13	3	83.9	19	1199	1505	218686
14	1	59.4	19	-	-	365126
15	2	70.2	19	1420	-	508571
16	1	61.9	19	-	-	56718
17	3	95.8	19	1615	1861	200818
18	2	77.8	19	1526	-	346146
19	3	86.2	19	1259	1087	490550
20	2	71.6	19	1949	-	38773

DFS Radar Parameters
FCC Radar Type 5
Channel 114 Bandwidth 80+80MHz

Trial Number:			3			Detection
Number of Bursts in Trial:			17			(Yes/No)
Chirp Center Frequency:			5570			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	89.8	16	1153	1171	215837
2	1	63.7	16	-	-	387587
3	1	64.9	16	-	-	558530
4	1	63.9	16	-	-	24694
5	3	92.4	16	1481	1364	194778
6	1	54.6	16	-	-	366472
7	3	97.7	16	1461	1258	535317
8	1	60.2	16	-	-	3670
9	3	93.6	16	1534	1897	173742
10	1	55.6	16	-	-	345397
11	2	83.3	16	1982	-	514377
12	2	71.9	16	1755	-	684992
13	3	86.4	16	1787	1702	152793
14	1	65.5	16	-	-	324140
15	2	79.6	16	1757	-	493700
16	1	57.6	16	-	-	665680
17	3	87.9	16	1998	1772	131663
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19						
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Trial Number:			4			Detection
Number of Bursts in Trial:			8			(Yes/No)
Chirp Center Frequency:			5570			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	62.1	5	-	-	645336
2	2	69.4	5	1088	-	1007909
3	2	75	5	1057	-	1370918
4	3	84.7	5	1421	1245	236497
5	1	53.7	5	-	-	600454
6	2	80.8	5	1021	-	962902
7	1	52.1	5	-	-	1327110
8	3	86.5	5	1156	1201	191855
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DFS Radar Parameters
FCC Radar Type 5
Channel 114 Bandwidth 80+80MHz

Trial Number:			5			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5570			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	91.4	15	1664	1910	276362
2	2	70.6	15	1685	-	457909
3	1	64.6	15	-	-	640591
4	1	57.6	15	-	-	73653
5	3	85.9	15	1901	1152	254069
6	2	80.5	15	1863	-	435555
7	3	92.2	15	1828	1145	615915
8	2	78.7	15	1126	-	51175
9	1	66.2	15	-	-	232813
10	2	71.8	15	1430	-	413701
11	1	55.4	15	-	-	595639
12	2	74.3	15	1008	-	28881
13	2	69.2	15	1159	-	210248
14	3	89.5	15	1217	1093	390953
15	3	92.9	15	1335	1426	571778
16	3	99.4	15	1627	1107	6524
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Trial Number:			6			Detection
Number of Bursts in Trial:			10			(Yes/No)
Chirp Center Frequency:			5570			Yes
Burst	Number of Pulses	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	83.9	8	1346	1392	300587
2	3	99.2	8	1099	1691	590431
3	3	99.5	8	1751	1880	879896
4	1	65.9	8	-	-	1173132
5	2	74	8	1485	-	265095
6	2	81.8	8	1253	-	555293
7	2	68.3	8	1475	-	845925
8	2	79.9	8	1513	-	1136090
9	1	62.6	8	-	-	229461
10	2	74.1	8	1292	-	519487
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DFS Radar Parameters
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Channel 114 Bandwidth 80+80MHz

Trial Number:			7			Detection
Number of Bursts in Trial:			9			(Yes/No)
Chirp Center Frequency:			5570			Yes
Burst	Number of Pulses	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	83.7	6	1493	1974	898702
2	1	58.4	6	-	-	1224087
3	1	61.2	6	-	-	215234
4	3	86.9	6	1453	1084	537338
5	3	86.1	6	1506	1282	859498
6	2	82.9	6	1663	-	1182516
7	1	62.7	6	-	-	175504
8	2	77.4	6	1929	-	497731
9	1	51	6	-	-	821327
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Trial Number:			8			Detection
Number of Bursts in Trial:			14			(Yes/No)
Chirp Center Frequency:			5570			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	84.1	12	1182	1706	733190
2	2	83.1	12	1321	-	87092
3	1	52.5	12	-	-	294668
4	1	57.7	12	-	-	501969
5	2	75.2	12	1744	-	707987
6	3	91.2	12	1080	1060	61477
7	3	93.3	12	1916	1348	268170
8	2	70.2	12	1550	-	475746
9	3	93.8	12	1620	1800	681444
10	2	74.1	12	1867	-	35971
11	2	83.3	12	1676	-	243084
12	2	68.7	12	1263	-	450578
13	2	72.7	12	1459	-	657647
14	2	76.5	12	1789	-	10487
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Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5570			Yes
Burst	Number of Pulses	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	75.6	13	1464	-	203018
2	1	50.8	13	-	-	397102
3	1	54.5	13	-	-	590480
4	2	81.3	13	1401	-	782854
5	3	86.3	13	1445	1862	178830
6	1	62.5	13	-	-	373409
7	1	59.5	13	-	-	566662
8	1	52.2	13	-	-	761014
9	3	84.7	13	1817	1355	155127
10	3	95.1	13	1286	1512	348155
11	1	61.8	13	-	-	542775
12	3	96.9	13	1603	1209	734075
13	3	83.8	13	1137	1311	131544
14	2	67.5	13	1044	-	325086
15	2	79.3	13	1125	-	518695
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5570			Yes
Burst	Number of Pulses	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	85.8	20	1005	1310	532230
2	2	72.6	20	1331	-	80753
3	1	61.5	20	-	-	226159
4	3	91.8	20	1007	1968	369757
5	3	88.4	20	1883	1356	513362
6	1	58.8	20	-	-	63125
7	1	66.3	20	-	-	208194
8	2	81.3	20	1527	-	352614
9	3	91.5	20	1535	1874	495524
10	2	74.3	20	1835	-	45106
11	2	74.7	20	1004	-	189933
12	2	80.8	20	1552	-	334655
13	1	61.6	20	-	-	481066
14	2	74.6	20	1298	-	27269
15	1	55.7	20	-	-	172460
16	2	79.3	20	1181	-	317014
17	1	55.4	20	-	-	463044
18	1	60.9	20	-	-	9460
19	2	82	20	1890	-	154050
20	3	85.6	20	1499	1877	298151

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Trial Number:			11			Detection
Number of Bursts in Trial:			14			(Yes/No)
Chirp Center Frequency:			5498			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	86.1	13	1112	1557	634387
2	2	81.6	13	1238	-	842540
3	1	51.5	13	-	-	195470
4	2	76.4	13	1725	-	402417
5	1	64.9	13	-	-	610578
6	3	91.5	13	1703	1488	815346
7	2	81.8	13	1698	-	169611
8	3	98.4	13	1154	1299	376546
9	1	57.5	13	-	-	585276
10	3	95.9	13	1808	1711	789225
11	2	78.3	13	1889	-	143969
12	1	57.4	13	-	-	351853
13	2	75.7	13	1410	-	558795
14	3	90.9	13	1436	1868	764017
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Trial Number:			12			Detection
Number of Bursts in Trial:			13			(Yes/No)
Chirp Center Frequency:			5497			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	58	11	-	-	127896
2	1	51.5	11	-	-	351441
3	2	71.7	11	1686	-	573776
4	2	76.9	11	1727	-	796922
5	3	84.3	11	1652	1428	100049
6	2	67.7	11	1679	-	323454
7	1	59.3	11	-	-	547569
8	2	69.5	11	1273	-	769706
9	1	63	11	-	-	72938
10	1	57	11	-	-	296345
11	1	61.5	11	-	-	520061
12	2	81.8	11	1811	-	742291
13	3	98	11	1980	1793	45204
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DFS Radar Parameters
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Trial Number:			13			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	77.7	9	1836	-	317262
2	2	79	9	1294	-	581193
3	1	65.7	9	-	-	846113
4	1	56.4	9	-	-	21083
5	3	85.9	9	1373	1215	284733
6	1	51.7	9	-	-	549674
7	2	81.9	9	1840	-	812281
8	3	93.3	9	1020	1114	1075657
9	1	54.1	9	-	-	252725
10	2	71	9	1967	-	515975
11	3	85.1	9	1560	1116	779517
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5499			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	76.8	17	1943	-	674026
2	3	96.9	17	1749	1134	141795
3	2	77	17	1741	-	312289
4	2	67.9	17	1360	-	482830
5	2	73.8	17	1192	-	653639
6	3	95.7	17	1448	1039	120934
7	3	96	17	1303	1381	290955
8	2	67.3	17	1206	-	462516
9	1	55	17	-	-	633966
10	2	70.7	17	1139	-	100188
11	1	66.5	17	-	-	271319
12	1	54.2	17	-	-	441747
13	1	57.5	17	-	-	612908
14	2	78.5	17	1102	-	79141
15	2	76.7	17	1204	-	249567
16	1	64.3	17	-	-	420768
17	2	76.2	17	1766	-	590399
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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			10			
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	66.5	8	-	-	99031
2	2	68.6	8	1224	-	389313
3	3	94.5	8	1583	1038	679004
4	1	64.8	8	-	-	971310
5	2	83.2	8	1318	-	63153
6	3	93.6	8	1771	1622	352866
7	1	54.1	8	-	-	644319
8	2	69.4	8	1985	-	933492
9	3	91.8	8	1953	1617	27364
10	3	89.5	8	1688	1297	317280
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5497			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	92.5	11	1797	1179	505458
2	1	55.6	11	-	-	749535
3	3	93.9	11	1111	1314	989579
4	3	97.7	11	1404	1785	234522
5	1	53.8	11	-	-	477348
6	2	80.5	11	1252	-	718583
7	3	86.6	11	1500	1444	959304
8	1	50	11	-	-	205357
9	3	87.4	11	1078	1854	446013
10	3	90.7	11	1734	1474	687756
11	3	91.4	11	1574	1882	928698
12	3	95.8	11	1577	1904	174973
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Trial Number:			17			Detection
Number of Bursts in Trial:			18			(Yes/No)
Chirp Center Frequency:			5499			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	67.3	17	1268	-	277862
2	1	61.1	17	-	-	439720
3	3	94.3	17	1019	1157	598550
4	2	76.7	17	1387	-	96803
5	2	77.2	17	1758	-	257885
6	1	61.2	17	-	-	419851
7	2	74.7	17	1917	-	578962
8	1	58.1	17	-	-	77177
9	2	77.9	17	1279	-	238180
10	1	59.1	17	-	-	399800
11	3	87.5	17	1374	1768	558203
12	1	55.6	17	-	-	57292
13	2	76.7	17	1066	-	218237
14	3	85.6	17	1210	1350	378741
15	2	76.5	17	1846	-	540149
16	2	70.3	17	1624	-	37360
17	3	93.7	17	1628	1133	197971
18	1	53.3	17	-	-	360264
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Trial Number:			18			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5498			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	72.9	15	1072	-	585746
2	3	98.6	15	1323	1933	19697
3	2	82	15	1049	-	200939
4	1	56.1	15	-	-	382753
5	1	53.4	15	-	-	564035
6	1	61.7	15	-	-	746095
7	1	61.2	15	-	-	178956
8	2	73.1	15	1361	-	359610
9	1	62.6	15	-	-	542328
10	2	73.8	15	1344	-	722107
11	2	71	15	1472	-	156229
12	2	78.5	15	1341	-	337738
13	3	89.4	15	1991	1673	517184
14	2	73.6	15	1477	-	700053
15	3	84.9	15	1803	1306	133704
16	2	70.8	15	1667	-	314857
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5498			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	51.2	15	-	-	497251
2	3	83.4	15	1196	1996	675765
3	2	70.6	15	1733	-	111672
4	1	56.4	15	-	-	293509
5	1	66.4	15	-	-	475112
6	3	93	15	1443	1163	654342
7	3	94.7	15	1405	1576	89122
8	3	83.7	15	1767	1529	270029
9	1	61.6	15	-	-	452864
10	2	83.3	15	1433	-	632894
11	2	68.1	15	1376	-	67030
12	3	88.2	15	1233	1830	247595
13	2	70.9	15	1650	-	429002
14	2	68.3	15	1710	-	610562
15	1	53.9	15	-	-	44776
16	1	66.3	15	-	-	226374
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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	1	56.3	20	-	-	326131
2	3	84.1	20	1720	1054	468759
3	2	67.8	20	1075	-	17910
4	3	92.9	20	1425	1748	162322
5	1	63.7	20	-	-	308157
6	1	61.1	20	-	-	453476
7	1	57.6	20	-	-	54
8	2	82.5	20	1566	-	144906
9	1	65.5	20	-	-	290337
10	1	54.1	20	-	-	435881
11	3	98.6	20	1101	1578	578099
12	1	50.9	20	-	-	127417
13	3	87.2	20	1954	1809	270720
14	3	99.4	20	1175	1164	415847
15	2	69.8	20	1684	-	561268
16	1	63.9	20	-	-	109405
17	2	70.8	20	1753	-	253992
18	1	55.9	20	-	-	399507
19	3	84.4	20	1439	1853	541680
20	3	93.2	20	1447	1441	91153

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Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5640			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	99.7	20	1816	1161	235565
2	3	87.3	20	1716	1138	380294
3	3	87	20	1712	1434	524274
4	2	79.9	20	1147	-	73564
5	1	53.8	20	-	-	218724
6	3	98.4	20	1237	1304	362188
7	3	94.6	20	1216	1290	506992
8	2	70.2	20	1737	-	55642
9	3	93.7	20	1553	1951	199649
10	2	73	20	1149	-	345445
11	1	52.1	20	-	-	491189
12	3	94.4	20	1796	1113	37747
13	2	69.8	20	1473	-	182657
14	1	54.6	20	-	-	328200
15	2	72.1	20	1648	-	471999
16	1	55.3	20	-	-	20035
17	1	55.7	20	-	-	165089
18	3	92	20	1184	1160	309243
19	1	57	20	-	-	455722
20	3	90.1	20	1046	1763	2160

Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5640			Yes
Burst	Number of Pulses	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	75.7	19	1973	-	154696
2	3	88.2	19	1289	1391	306502
3	3	90.9	19	1135	1415	458572
4	1	62.2	19	-	-	613663
5	3	94.4	19	1866	1098	135611
6	3	93.8	19	1409	1804	287612
7	3	96.5	19	1547	1762	439617
8	1	62.2	19	-	-	594556
9	1	63.5	19	-	-	117368
10	1	54.2	19	-	-	270230
11	2	67.3	19	2000	-	421644
12	1	65	19	-	-	575997
13	3	83.9	19	1378	1105	98299
14	1	60.8	19	-	-	251538
15	2	66.7	19	1857	-	403158
16	2	69.1	19	1025	-	556441
17	3	97.1	19	1064	1277	79552
18	3	87.9	19	1214	1269	231685
19	3	89	19	1334	1349	383693
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Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5640			Yes
Burst	Number of Pulses	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	65.4	18	-	-	538005
2	1	66.6	18	-	-	61023
3	3	87.5	18	1450	1528	212720
4	3	88.9	18	1276	1050	365319
5	3	92.6	18	1616	1784	516831
6	1	51.9	18	-	-	42188
7	1	54.2	18	-	-	194893
8	2	81.2	18	1533	-	347179
9	2	82.5	18	1548	-	499022
10	2	77.3	18	1223	-	23281
11	1	64.5	18	-	-	176163
12	1	58.1	18	-	-	329080
13	2	78.8	18	1261	-	480887
14	3	98.9	18	1597	1775	4488
15	3	94.4	18	1146	1810	156708
16	2	67.5	18	1852	-	309230
17	1	61.4	18	-	-	462668
18	3	96.4	18	1413	1077	613095
19	2	74.7	18	1546	-	138182
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5645			Yes
Burst	Number of Pulses	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	85.6	6	1362	1864	614138
2	1	60.1	6	-	-	938935
3	1	51.8	6	-	-	1261865
4	2	82.4	6	1275	-	252828
5	1	56.6	6	-	-	575893
6	3	89.4	6	1822	1212	896967
7	1	55.7	6	-	-	1222093
8	3	87.1	6	1972	1207	212679
9	1	60.4	6	-	-	536165
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Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5640			Yes
Burst	Number of Pulses	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	58.9	20	-	-	386282
2	3	88	20	1963	1607	528217
3	1	52.9	20	-	-	77865
4	1	58.2	20	-	-	223046
5	2	67.9	20	1700	-	367287
6	1	53	20	-	-	513099
7	3	91.6	20	1029	1492	59755
8	2	73.5	20	1701	-	204540
9	3	88.2	20	1470	1562	348838
10	3	99.3	20	1255	1831	492936
11	3	98.4	20	1824	1504	41943
12	1	60.2	20	-	-	187341
13	3	90.2	20	1542	1888	330439
14	1	62.6	20	-	-	477372
15	1	63.9	20	-	-	24270
16	3	85	20	1798	1242	168535
17	3	99	20	1728	1865	312604
18	3	96.1	20	1241	1423	458008
19	3	88.5	20	1825	1609	6370
20	1	66.2	20	-	-	151539

Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5640			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	3	89.6	19	1284	1922	310663
2	3	93.4	19	1144	1489	463064
3	1	55.2	19	-	-	617671
4	2	72.8	19	1770	-	140289
5	2	72.4	19	1992	-	292769
6	1	52.3	19	-	-	446678
7	2	78.9	19	1483	-	597968
8	1	63.6	19	-	-	121957
9	3	84.3	19	1878	1305	273277
10	2	80.8	19	1902	-	426259
11	3	99.5	19	1843	1570	576877
12	3	86.9	19	1976	1630	102503
13	1	64.9	19	-	-	256077
14	3	93.8	19	1946	1668	406689
15	2	72.2	19	1419	-	560500
16	3	94.6	19	1495	1270	83923
17	2	74.3	19	1317	-	236584
18	1	56.2	19	-	-	389742
19	3	90.3	19	1781	1704	539548
20						

DFS Radar Parameters
FCC Radar Type 5
Channel 114 Bandwidth 80+80MHz

Trial Number:			27			Detection
Number of Bursts in Trial:			12			(Yes/No)
Chirp Center Frequency:			5644			Yes
Burst	Number of Pulses	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	75.8	10	1229	-	103546
2	1	57.2	10	-	-	345723
3	2	70.8	10	1222	-	587381
4	2	79.3	10	1414	-	828723
5	1	62.2	10	-	-	73859
6	3	98	10	1960	1558	314826
7	1	64.4	10	-	-	558130
8	3	95.4	10	1225	1188	798751
9	3	97.5	10	1330	1345	43921
10	3	87.9	10	1602	1682	285411
11	3	97.5	10	1302	1121	527183
12	1	57.7	10	-	-	770861
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Trial Number:			28			Detection
Number of Bursts in Trial:			16			(Yes/No)
Chirp Center Frequency:			5642			Yes
Burst	Number of Pulses	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	93.4	15	1636	1931	10610
2	2	67.2	15	1995	-	191599
3	2	70.9	15	1783	-	372678
4	2	70.9	15	1411	-	554100
5	1	65.6	15	-	-	737008
6	2	82.7	15	1127	-	169672
7	2	80.2	15	1471	-	350648
8	3	85.9	15	1649	1959	530301
9	1	65.6	15	-	-	714394
10	2	74.1	15	1697	-	147213
11	2	78	15	1568	-	328124
12	3	89.3	15	1626	1235	508307
13	1	57.3	15	-	-	691902
14	3	99.9	15	1463	1717	124659
15	1	61.5	15	-	-	306556
16	3	95.4	15	1924	1940	485336
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19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 114 Bandwidth 80+80MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5644			Yes
Burst	Number of Pulses	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	96.5	8	1669	1197	1069537
2	3	90.5	8	1398	1123	164168
3	2	69.4	8	1903	-	454433
4	1	60.6	8	-	-	746130
5	3	92.8	8	1011	1619	1033969
6	1	55.8	8	-	-	128685
7	1	62.7	8	-	-	419503
8	1	58.9	8	-	-	710182
9	2	68.7	8	1023	-	999588
10	1	64	8	-	-	92932
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Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5643			Yes
Burst	Number of Pulses	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	93.1	11	1896	1640	293698
2	2	74.8	11	1658	-	517788
3	1	57.9	11	-	-	742003
4	1	56.9	11	-	-	43918
5	2	81.4	11	1899	-	266944
6	2	75.7	11	1977	-	489848
7	3	86.8	11	1417	1308	712045
8	2	73.1	11	1584	-	16344
9	1	56.1	11	-	-	239940
10	2	69.6	11	1124	-	462842
11	3	94	11	1076	1523	685181
12	2	72.8	11	1251	-	909661
13	1	56.5	11	-	-	212283
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