



FCC DFS TEST REPORT

FCC ID : PY322100564
Equipment : Netgear 5G MHS Travel Router
Brand Name : Netgear
Model Name : MR6150
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 May 11, 2022 and testing was performed from Jul. 19, 2022 to Jul. 22, 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.

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
FZ190614-04	01	Initial issue of report	Jul. 26, 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: Rachel Hsieh

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, 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

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

1.2 Modification of EUT

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

1.3 Testing Site

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, 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 $\geq$ 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 $(-64\text{dBm}) + (2.59) [\text{dBi}] + 1 \text{ dB} = -60.41 \text{ dBm}$.

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
<i>Non-occupancy period</i>	Minimum 30 minutes
<i>Channel Availability Check Time</i>	60 seconds
<i>Channel Move Time</i>	10 seconds See Note 1.
<i>Channel Closing Transmission Time</i>	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
<i>U-NII Detection Bandwidth</i>	Minimum 100% of the 99% power bandwidth See Note 3.
Note 1: <i>Channel Move Time</i> and the <i>Channel Closing Transmission Time</i> should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The <i>Channel Closing Transmission Time</i> is comprised of 200 milliseconds starting at the beginning of the <i>Channel Move Time</i> plus any additional intermittent control signals required to facilitate <i>Channel</i> 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 <i>U-NII Detection Bandwidth</i> 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) 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 $(12,000,000 / \text{Burst_Count})$ microseconds. Each interval contains one Burst. The start time for the Burst, relative to the beginning of the interval, is between 1 and $[(12,000,000 / \text{Burst_Count}) - (\text{Total Burst Length}) + (\text{One Random PRI Interval})]$ 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.



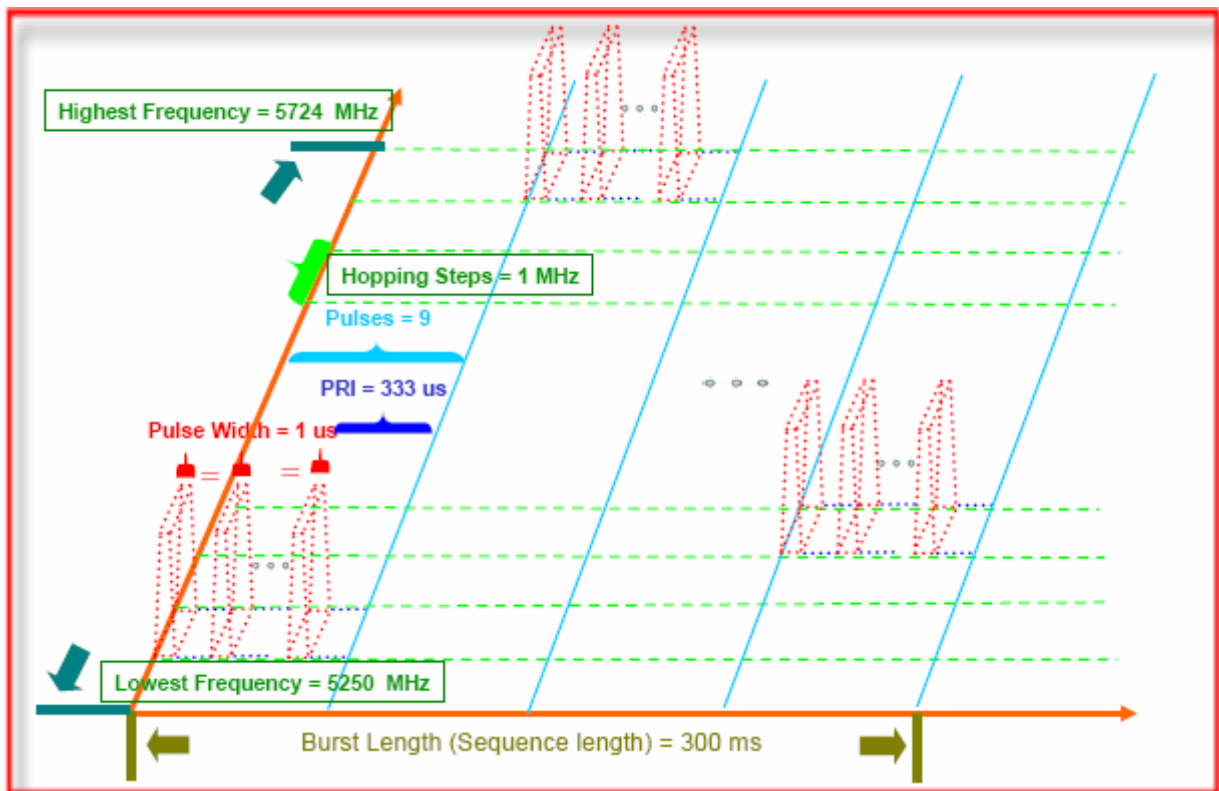
- Bursts = 8~20
- Burst Interval = 12 / Bursts
Pulses = 1~3
- Pulse Width = 50~100 μ s
Chirp Width = 5~20 MHz
- PRI = 1000~2000 μ s $\neq$
- 12 sec
-

2.7 Frequency Hopping Radar Test Waveform

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

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

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



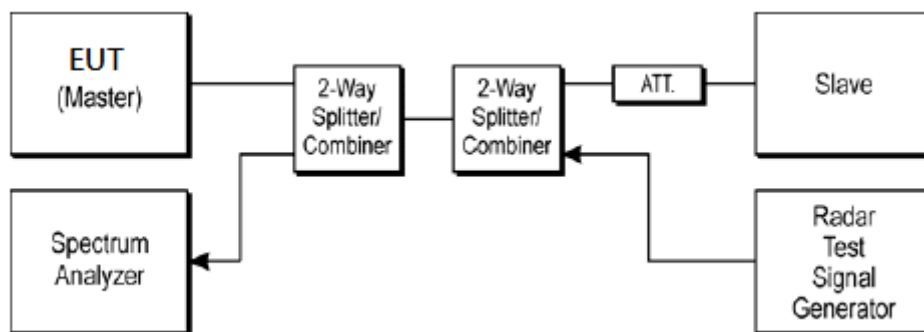
3 Calibration Setup and DFS Test Results

3.1 Calibration of Radar Waveform

3.1.1 Radar Waveform Calibration Procedure

The Interference Radar Detection Threshold Level is $(-64) + (2.59) \text{ [dBi]} + 1\text{dB} = -60.41 \text{ dBm}$ that had been taken into account the output power range and antenna gain. The following equipment setup was used to calibrate the conducted Radar Waveform. A vector signal generator was utilized to establish the test signal level for radar type 0~6. During this process there were no transmissions by either the Master or Client Device. The spectrum analyzer was switched to the zero span (Time Domain) at the frequency of the Radar Waveform generator. Peak detection was used. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) were set to 3 MHz to measure the radar waveform. The vector signal generator amplitude was set so that the power level measured at the spectrum analyzer was $(-64) + (2.59) \text{ [dBi]} + 1\text{dB} = -60.41 \text{ dBm}$. Capture the spectrum analyzer plots on radar waveform.

3.1.2 Conducted Calibration Setup

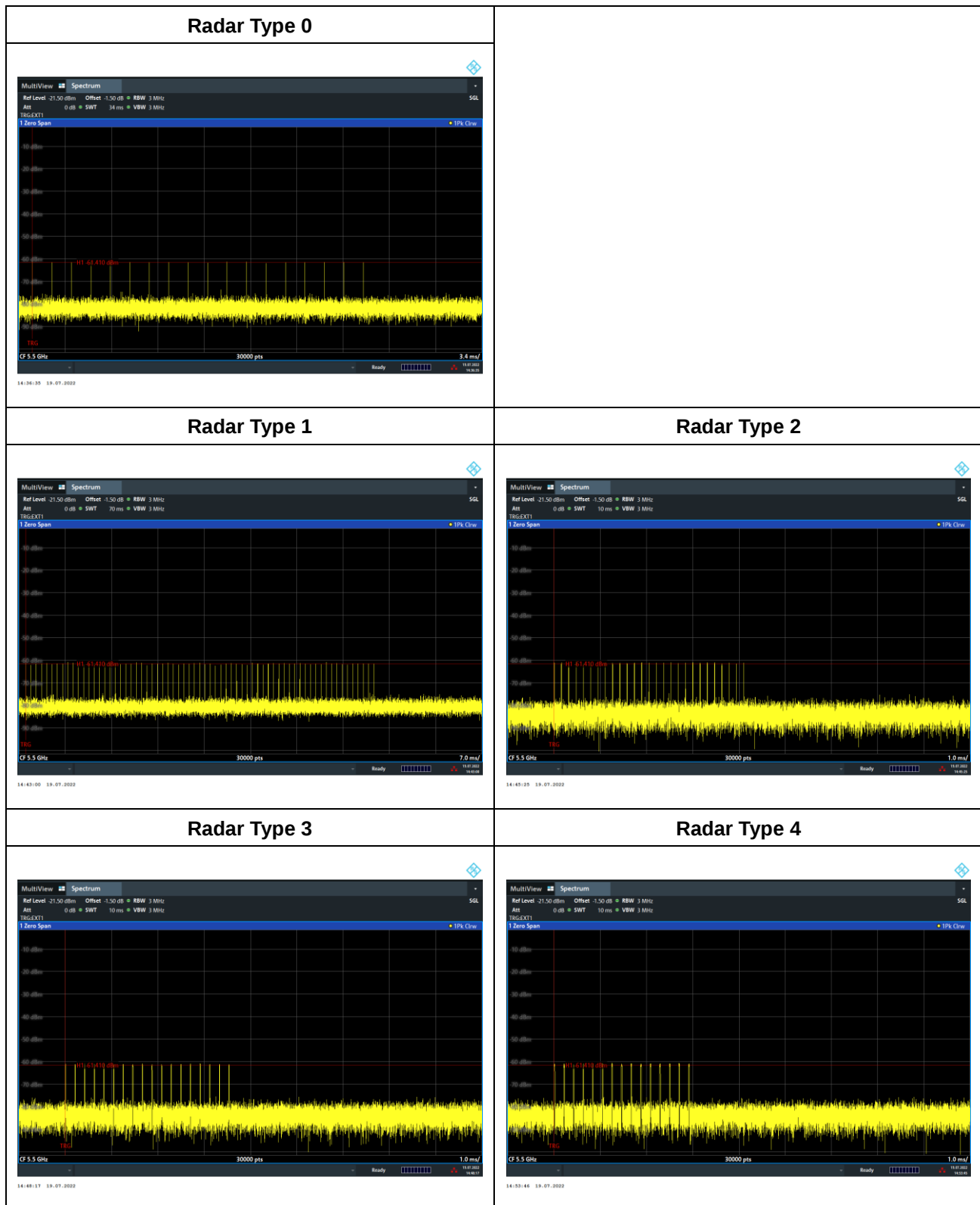


3.1.3 Calibration Deviation

There is no deviation with the original standard.

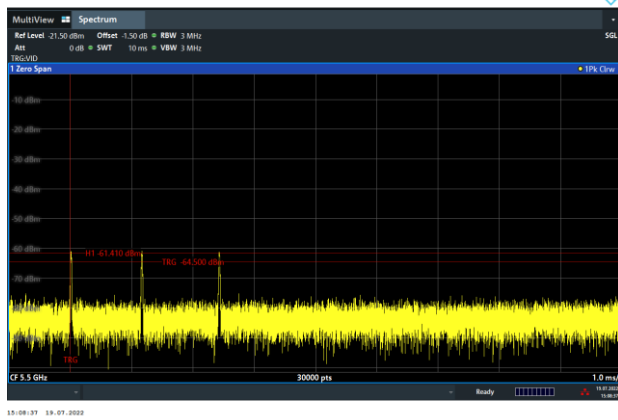
3.1.4 Radar Waveform Calibration Result

<20MHz / 5500MHz>

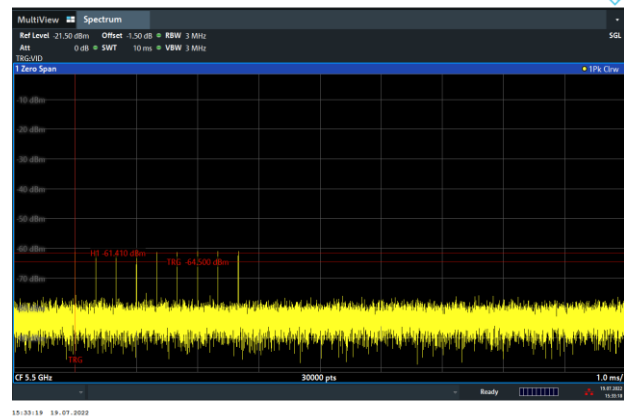




Single Burst of Radar Type 5

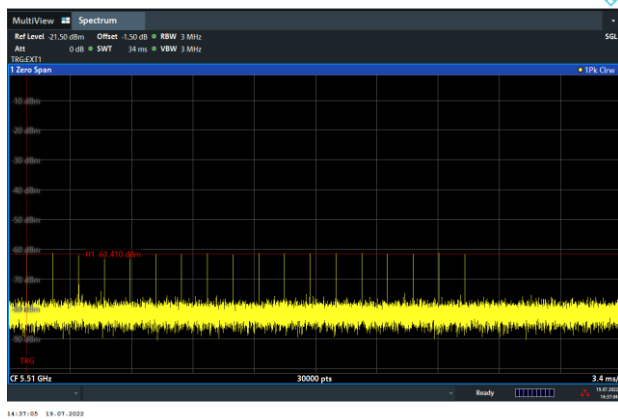


Single Burst of Radar Type 6

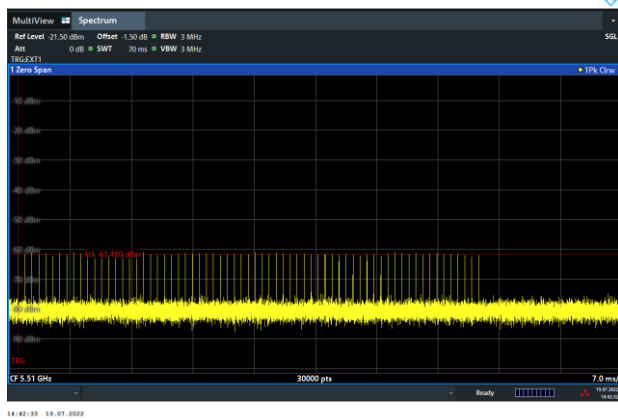


<40MHz / 5510MHz>

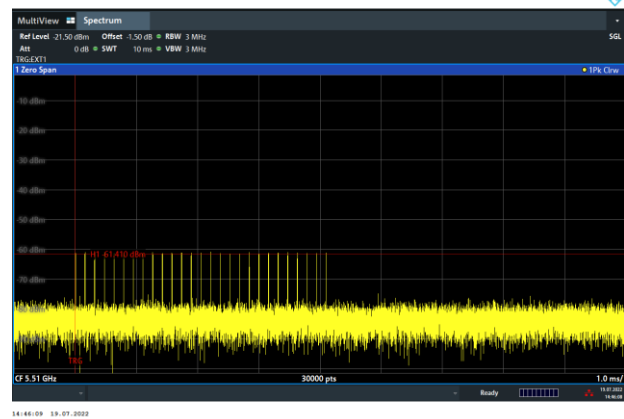
Radar Type 0



Radar Type 1

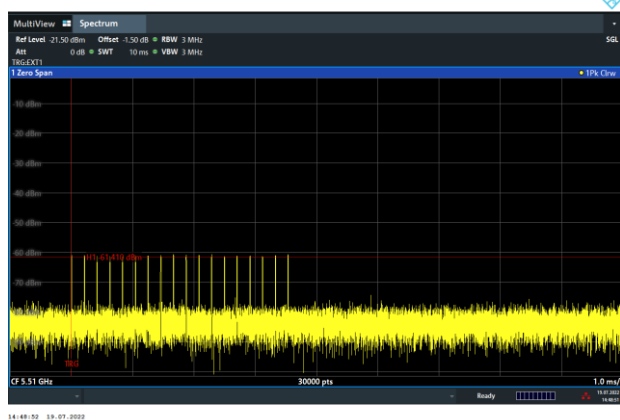


Radar Type 2

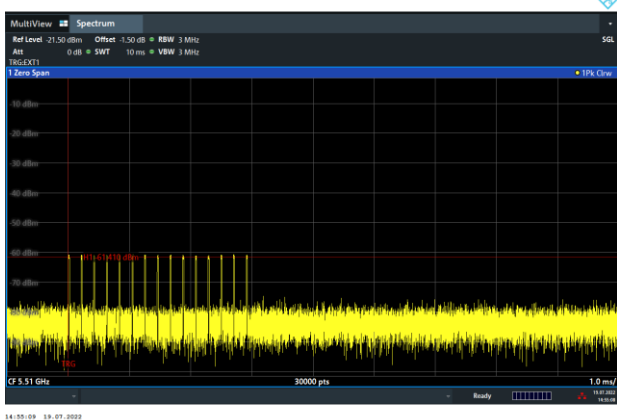




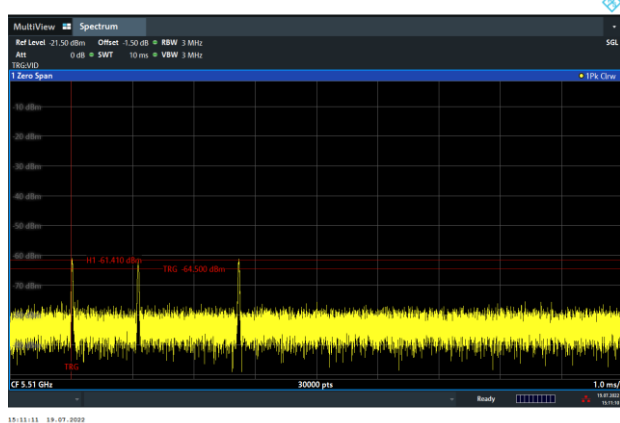
Radar Type 3



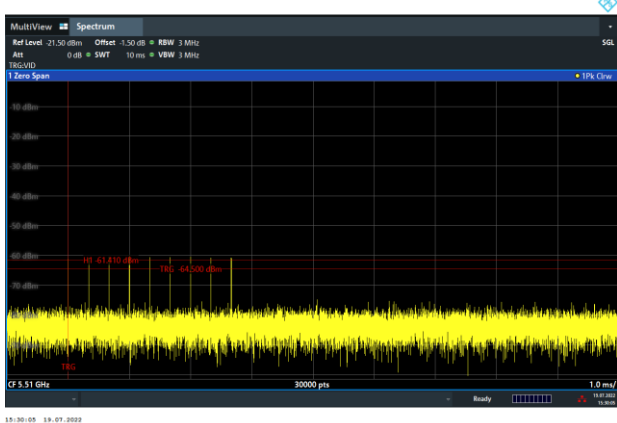
Radar Type 4



Single Burst of Radar Type 5

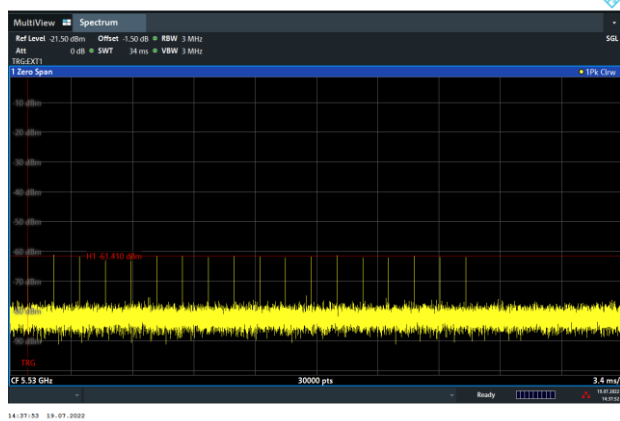


Single Burst of Radar Type 6



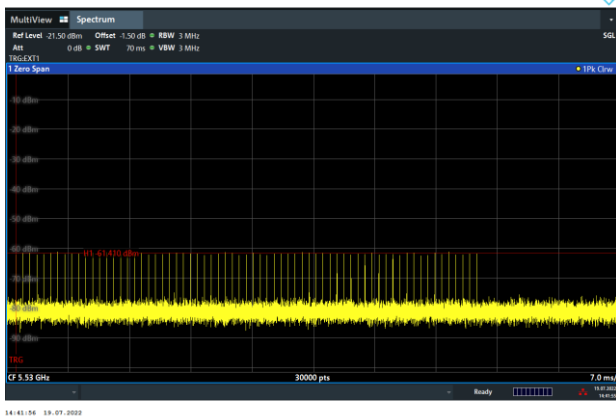
<80MHz / 5530MHz>

Radar Type 0

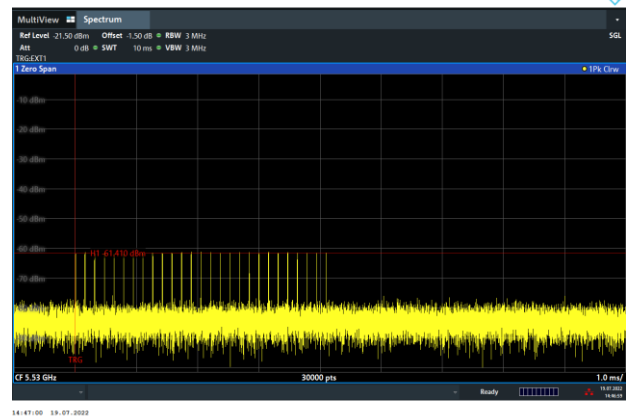




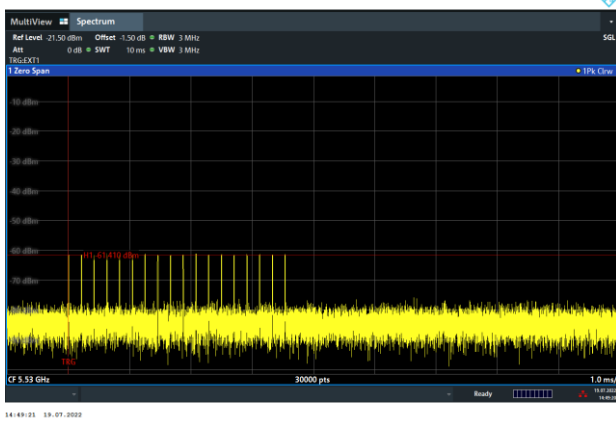
Radar Type 1



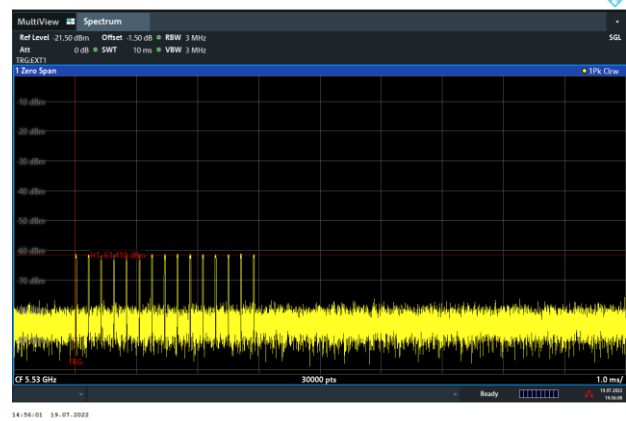
Radar Type 2



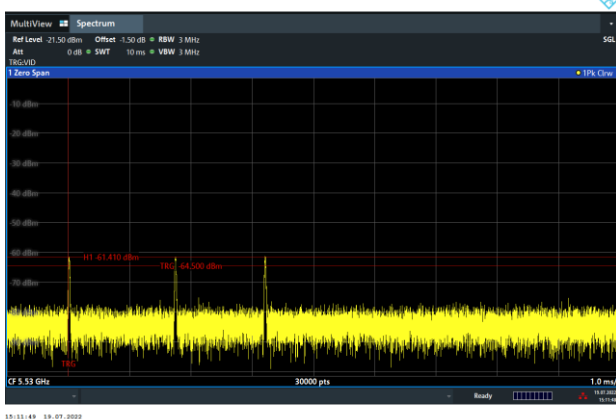
Radar Type 3



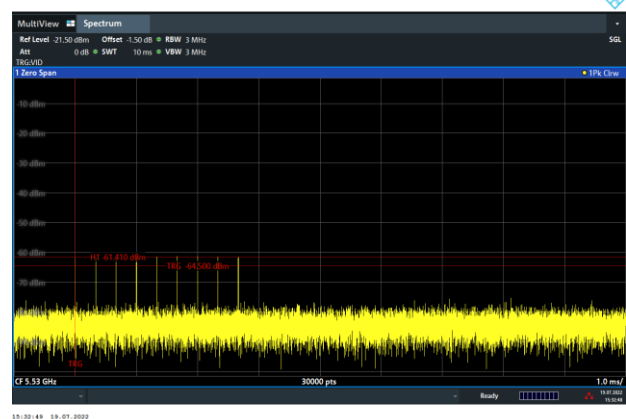
Radar Type 4



Single Burst of Radar Type 5



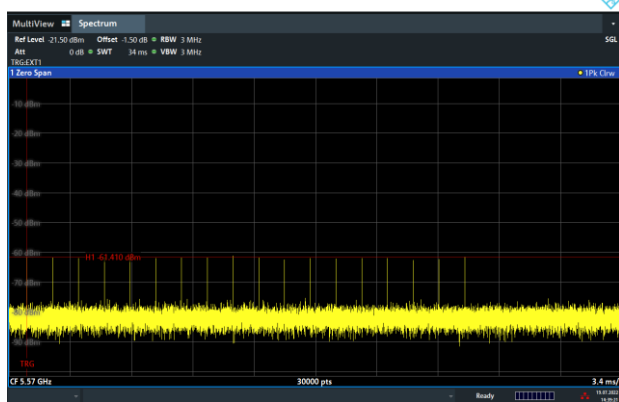
Single Burst of Radar Type 6



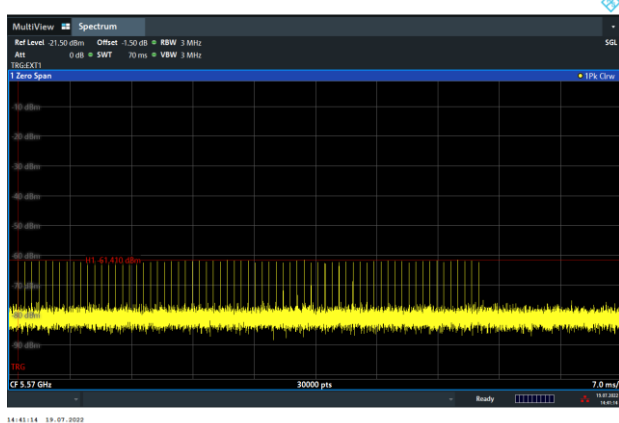


<160MHz / 5570MHz>

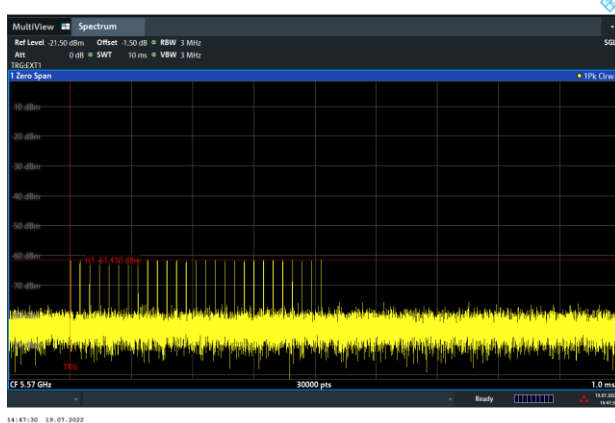
Radar Type 0



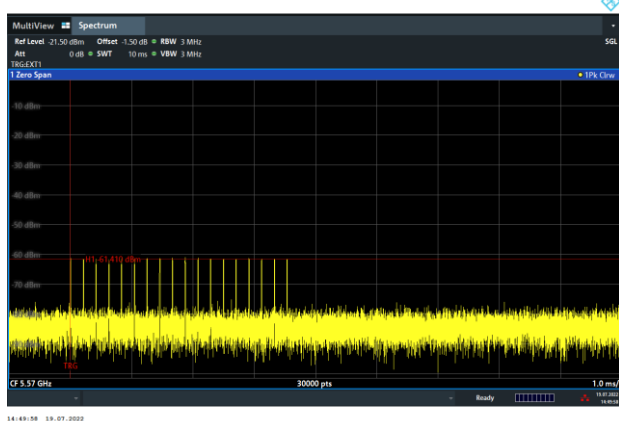
Radar Type 1



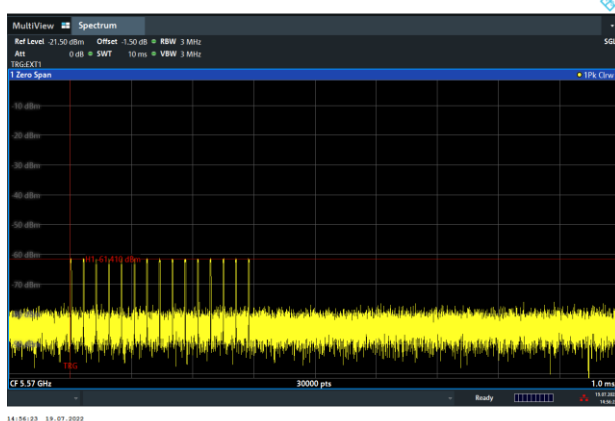
Radar Type 2



Radar Tpe 3

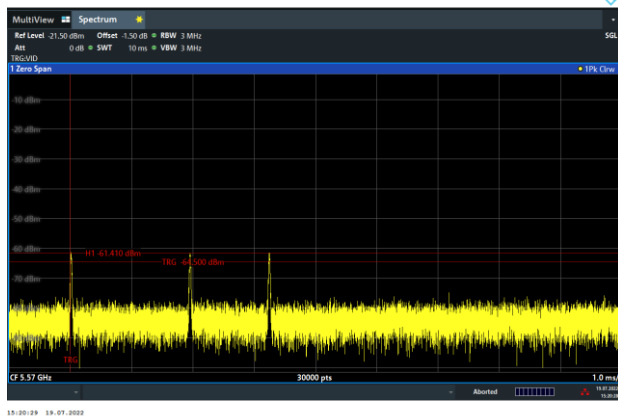


Radar Type 4

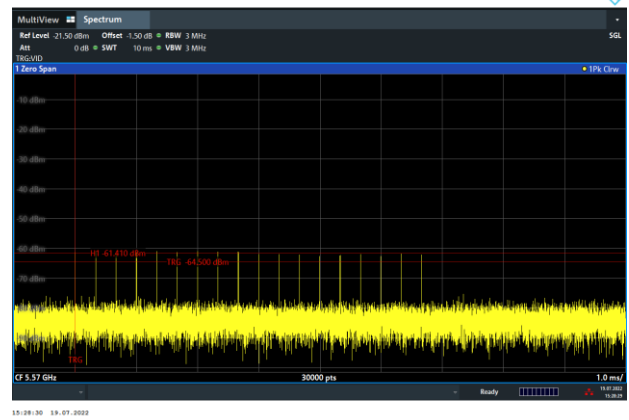




Single Burst of Radar Type 5



Single Burst of Radar Type 6



3.2 U-NII Detection Bandwidth

3.2.1 Limit of U-NII Detection Bandwidth

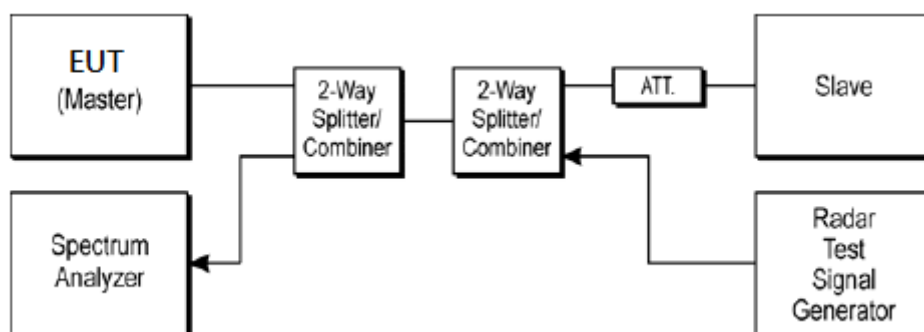
The U-NII Detection Bandwidth shall contain minimum 100% of the 99% power bandwidth. During the U-NII Detection Bandwidth detection test, radar type 0 is used and for each frequency step the minimum percentage of detection is 90%. Measurements are performed with no data traffic.

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 F_H 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 F_L is not required to demonstrate compliance.
- (6) The U-NII Detection Bandwidth is calculated as follows:

$$U\text{-NII Detection Bandwidth} = F_H - F_L$$

3.2.3 Test Setup



3.2.4 Test Deviation

There is no deviation with the original standard.

3.2.5 Result of U-NII Detection Bandwidth

<20MHz / 5500MHz>

Frequency (MHz)	Fc	Trial Number (Detection = Y, No Detection = N)										Rate (%)	F _H /F _L
		1	2	3	4	5	6	7	8	9	10		
5489	-11	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 = 5310 – 5290 = 20 MHz													
EUT 99% Bandwidth = 19.274 MHz (Refer to channel 100)													

<40MHz / 5510MHz>

Frequency (MHz)	Fc	Trial Number (Detection = Y, No Detection = N)										Rate (%)	F _H /F _L
		1	2	3	4	5	6	7	8	9	10		
5489	-21	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 = 38.098 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 = 5330 – 5250 = 80 MHz													
EUT 99% Bandwidth = 77.486 MHz (Refer to channel 106)													



<160MHz / 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	

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		
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 = 156.593 MHz (Refer to channel 114)													



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 T_0 . T_1 denotes the instant when the EUT has completed its power-up sequence ($T_{\text{power_up}}$). The Channel Availability Check Time commences on Chr at instant T_1 and will end no sooner than $T_1 + T_{\text{ch_avail_check}}$.
- (3) A single Burst of one of the Short Pulse Radar Types 1-4 will commence within a 6 second window starting at T_1 . 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.

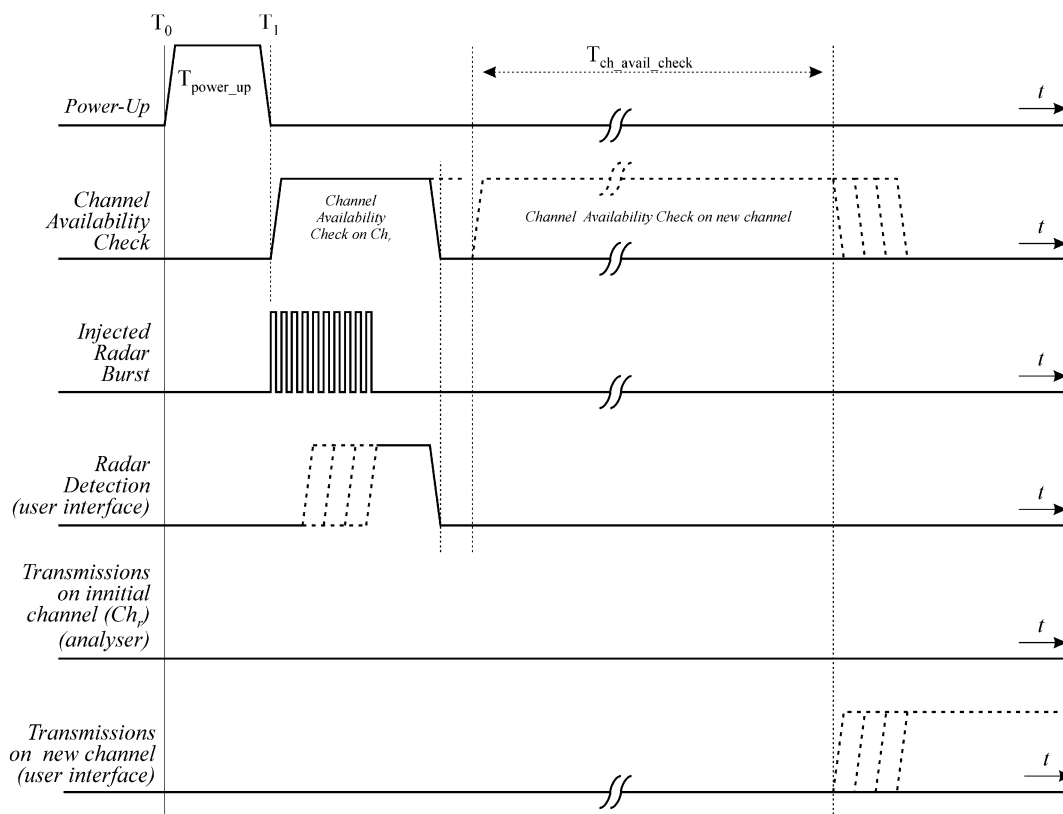


Figure 15: Example of timing for radar testing at the beginning of the Channel Availability Check Time

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 T_0 . T_1 denotes the instant when the EUT has completed its power-up sequence ($T_{\text{power_up}}$). The Channel Availability Check Time commences on Chr at instant T_1 and will end no sooner than $T_1 + T_{\text{ch_avail_check}}$.
- (3) A single Burst of one of the Short Pulse Radar Types 1-4 will commence within a 6 second window starting at $T_1 + 54$ 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.

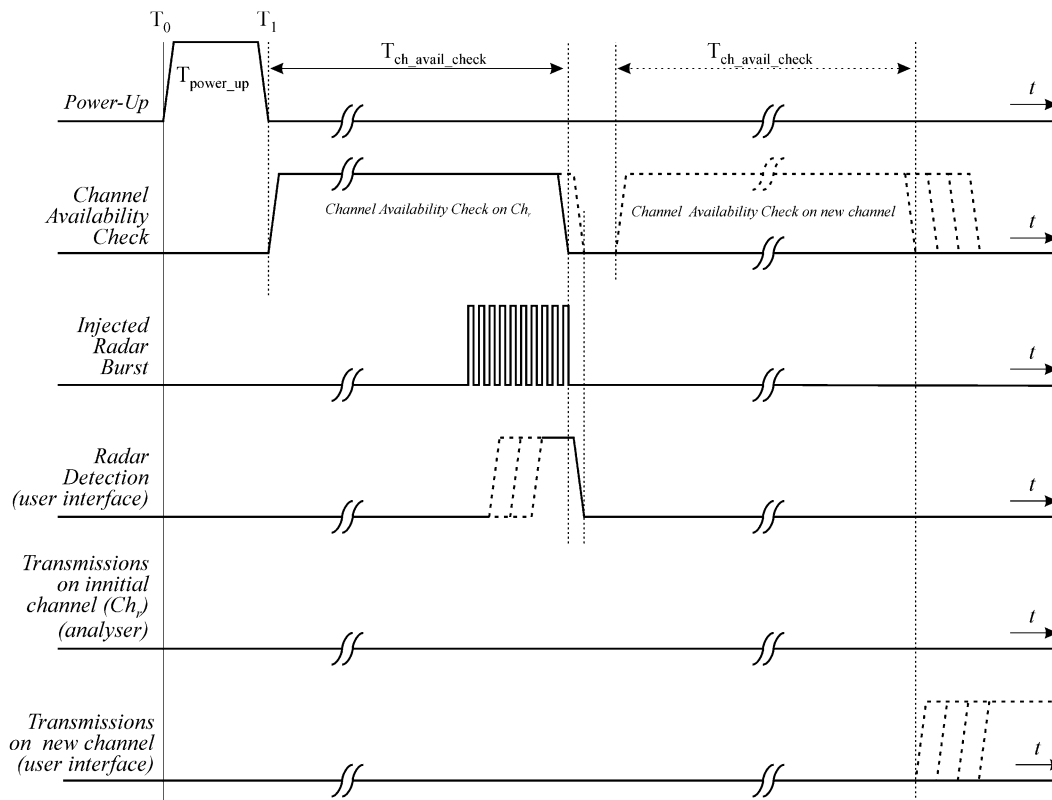
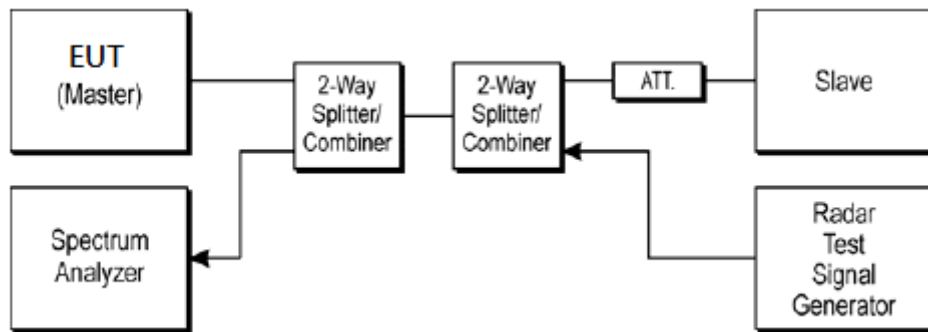


Figure 16: Example of timing for radar testing towards the end of the Channel Availability Check Time

3.3.5 Test Setup



3.3.6 Test Deviation

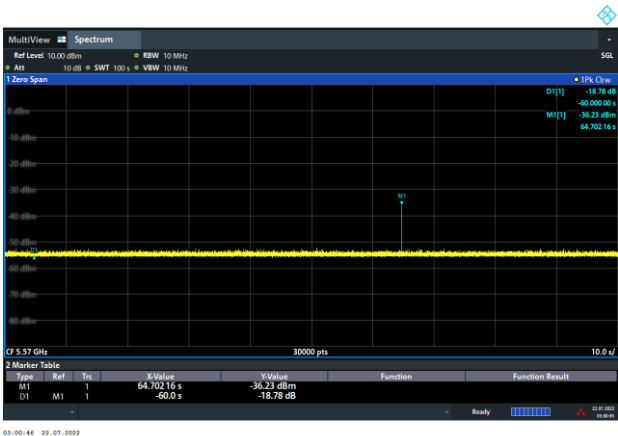
There is no deviation with the original standard.



3.3.7 Result of Channel Availability Check Time

<160MHz / 5570MHz>

EUT Power up and Initial Channel Availability Check Time



MultiView Spectrum

Ref Level: 10.00 dBm RBW: 10 MHz

Att: 10.0 dB SWT: 100 s VBW: 10 MHz

1 Zero Span

10% Cliv

D1[1] -18.78 dBm

M1[1] -36.23 dBm

64.70216 s

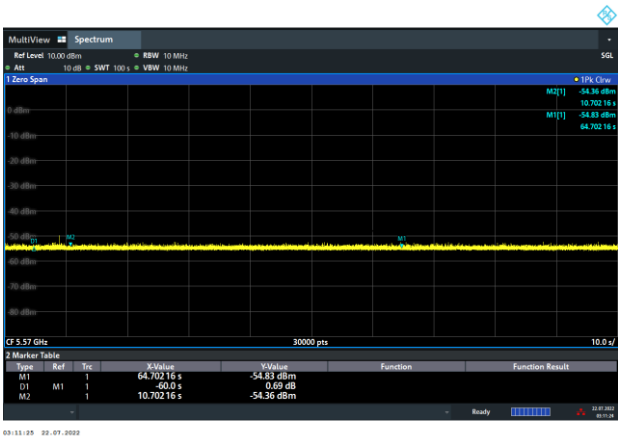
CF 5.57 GHz 30000 pts 10.0 u

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1			64.70216 s	-36.23 dBm		-18.78 dB
D1	M1		-60.0 s	-18.78 dB		

Ready

03/01/16 22:07:20

Radar Burst at the Beginning of the Channel Availability Check Time



MultiView Spectrum

Ref Level: 10.00 dBm RBW: 10 MHz

Att: 10.0 dB SWT: 100 s VBW: 10 MHz

1 Zero Span

10% Cliv

M2[1] -54.83 dBm

M1[1] -54.83 dBm

64.70216 s

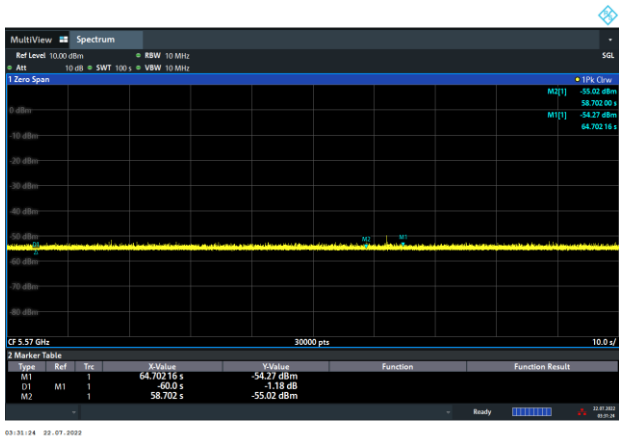
CF 5.57 GHz 30000 pts 10.0 u

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1			64.70216 s	-54.83 dBm		-54.83 dBm
D1	M1		-60.0 s	-54.83 dBm		
M2			10.70216 s	-54.36 dBm		

Ready

03/01/16 22:07:20

Radar Burst at the End of the Channel Availability Check Time



MultiView Spectrum

Ref Level: 10.00 dBm RBW: 10 MHz

Att: 10.0 dB SWT: 100 s VBW: 10 MHz

1 Zero Span

10% Cliv

M2[1] -55.02 dBm

M1[1] -54.27 dBm

64.70216 s

CF 5.57 GHz 30000 pts 10.0 u

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1			64.70216 s	-54.27 dBm		-54.27 dBm
D1	M1		-60.0 s	-54.27 dBm		
M2			58.702 s	-55.02 dBm		

Ready

03/01/16 22:07:20

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

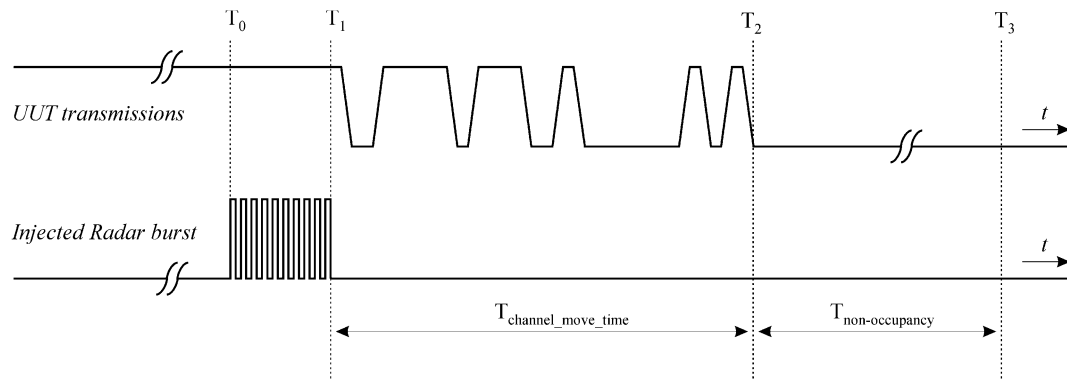
The EUT has In-Service Monitoring function to continuously monitor the radar signals, If radar is detected, it must leave the channel (Shutdown). The Channel Move Time to cease all transmissions on the current Channel upon detection of a Radar Waveform above the DFS Detection Threshold within 10 sec. 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

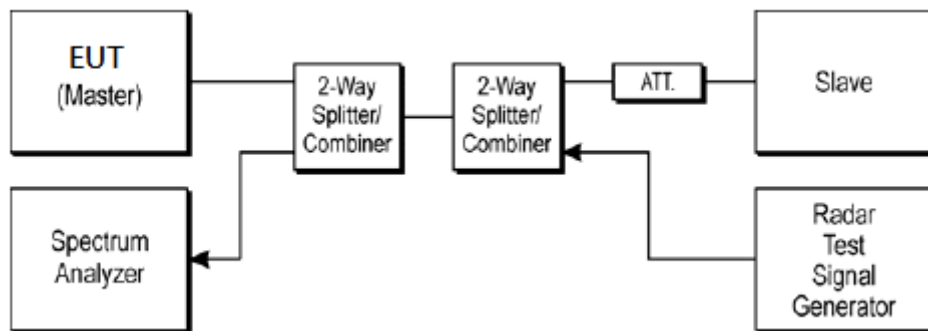
- (1) One frequency will be chosen from the Operating Channels of the EUT within the 5250-5350 MHz or 5470-5725 MHz bands. For 802.11 devices, the test frequency must contain control signals. This can be verified by disabling channel loading and monitoring the spectrum analyzer. If no control signals 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: $C (ms) = N \times Dwell (0.4 ms)$; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.

3.4.3 Test Setup



3.4.4 Test Deviation

There is no deviation with the original standard.

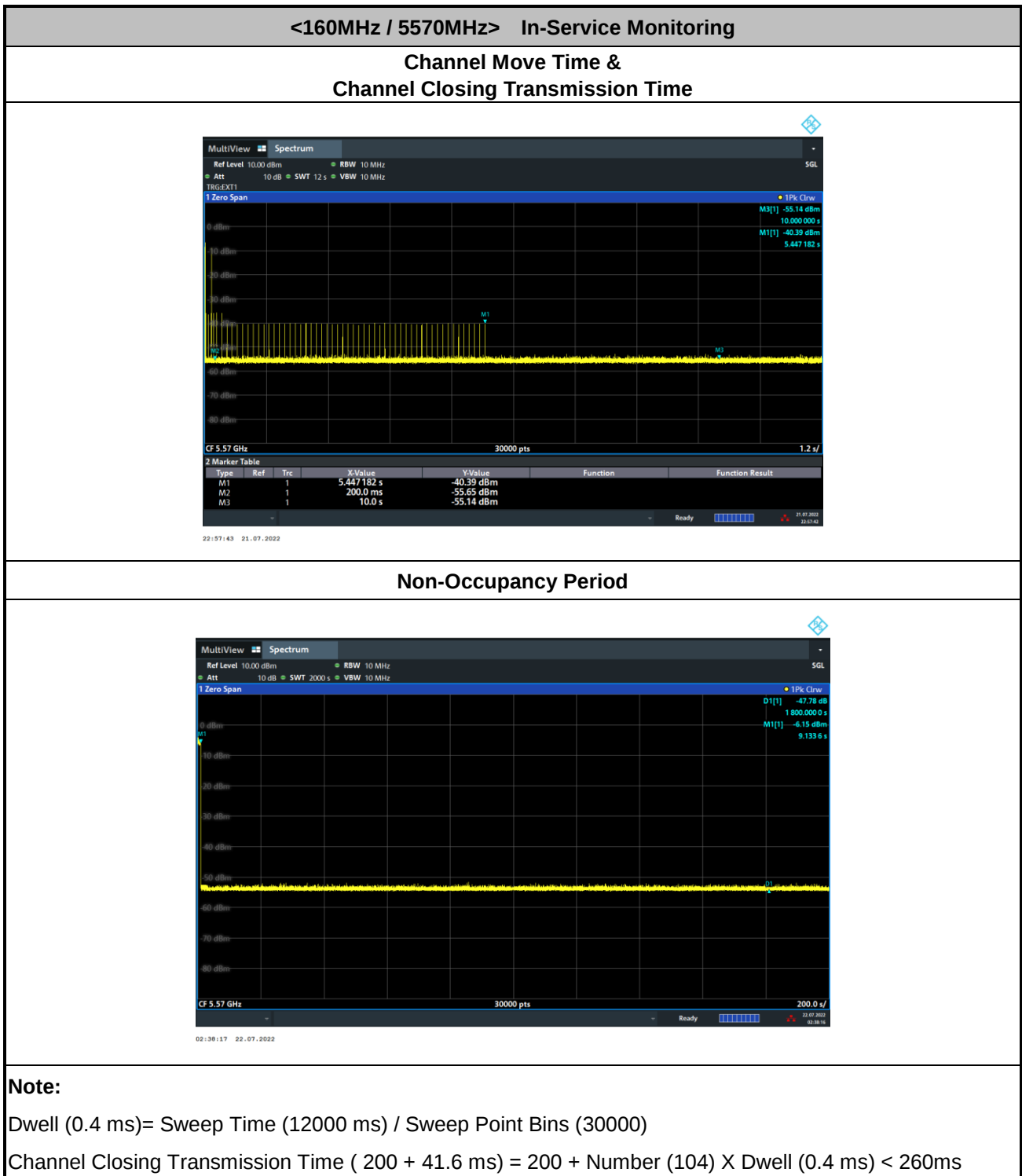
3.4.5 Result of Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period for Client Beacon Test

Test Mode :	Master	Temperature :	20~25℃
Test Engineer :	Kai Liao	Relative Humidity :	45~55%

BW / Channel	Test Item	Test Result	Limit	Pass/Fail
<160MHz / 5570MHz>	Channel Move Time	5.447 s	< 10s	Pass
	Channel Closing Transmission Time	200ms + 41.6 ms	< 260ms	Pass
	Non-Occupancy Period	≥ 30	≥ 30 min	Pass

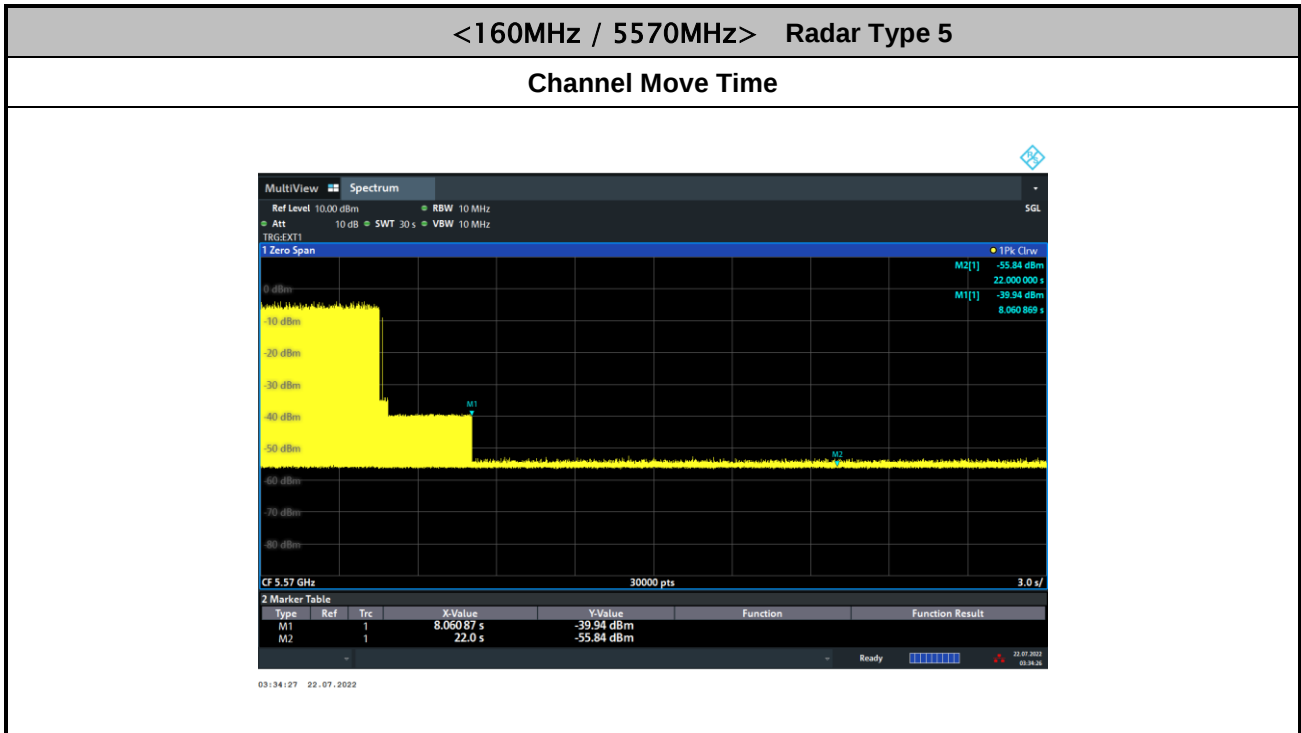
Note: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 seconds period. The aggregate 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

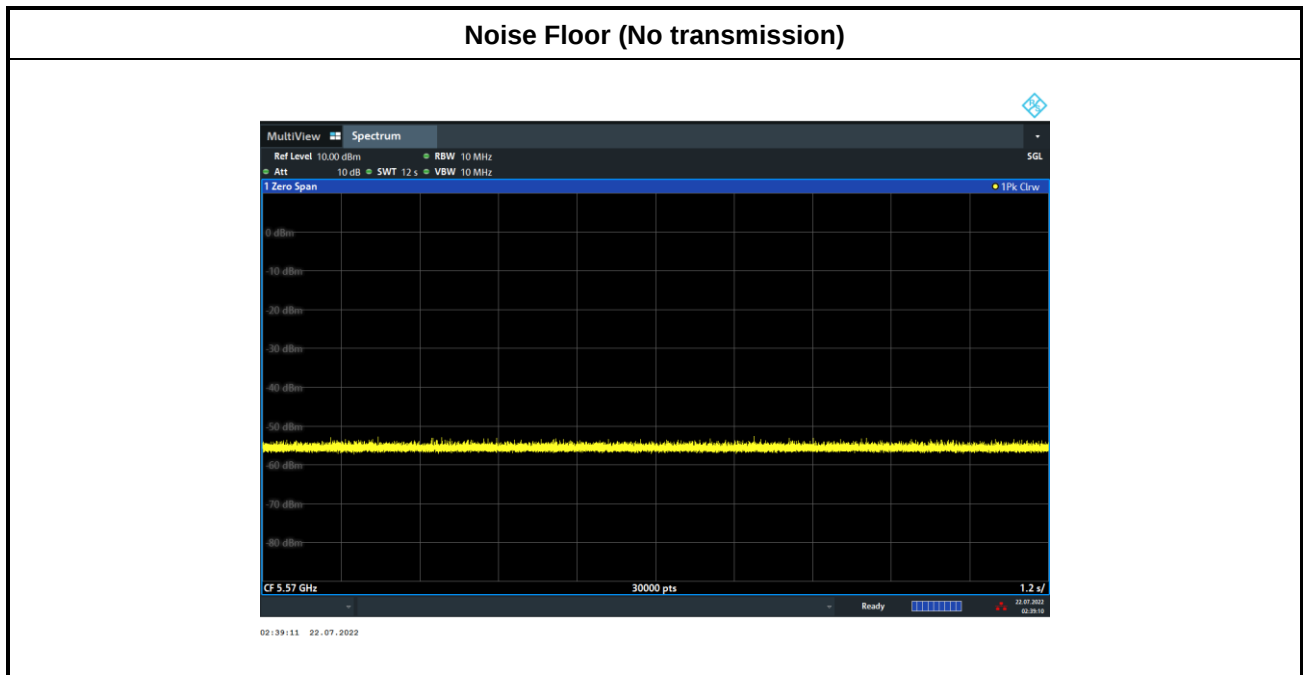
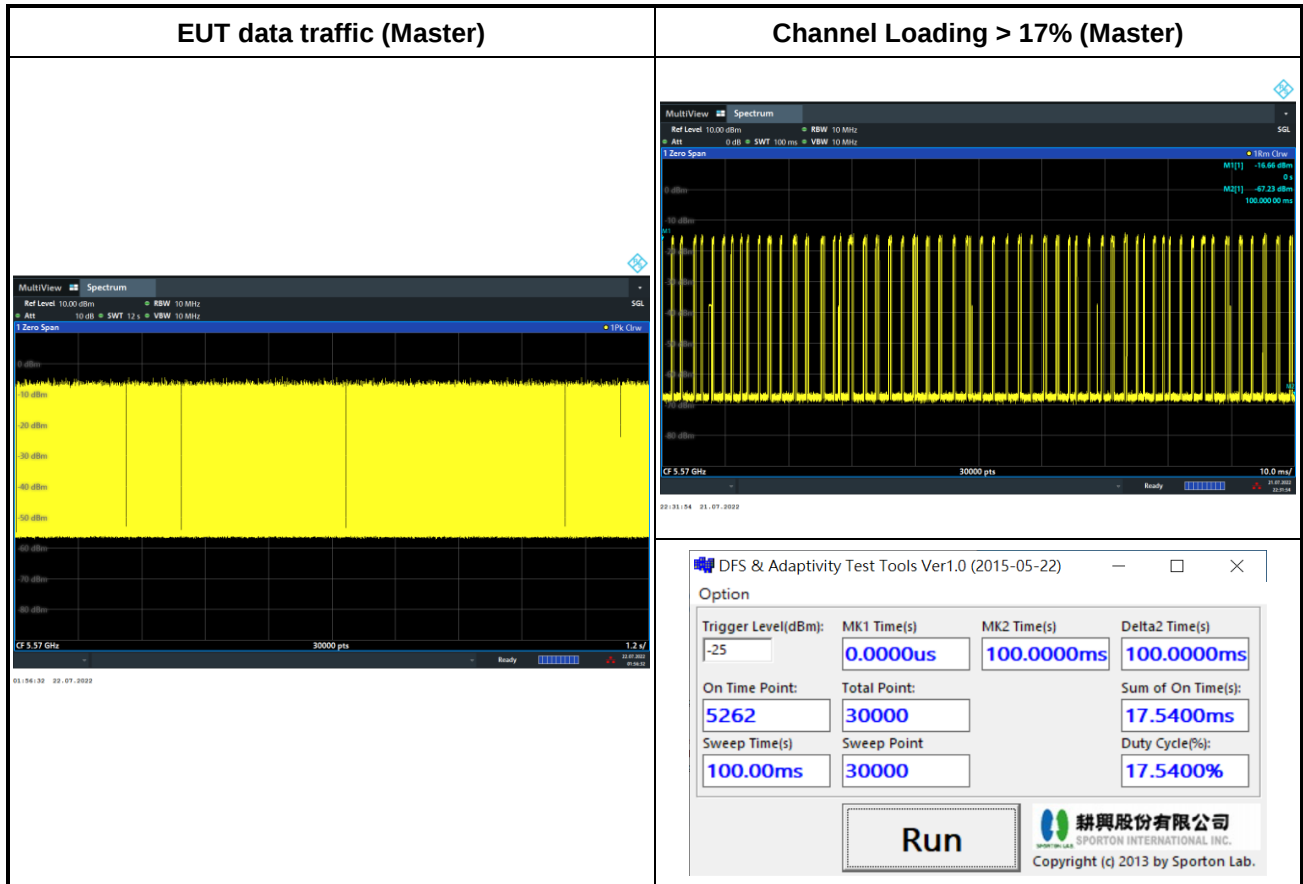




3.4.7 Long Pulsed Radar Type Channel Move Time Test Plots (22second)



3.4.8 Data Traffic Channel Loading and Noise Floor Plots



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:

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

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

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

The minimum number of trials, 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:

- The Channel center frequency (subset case 1).
- 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).
- 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.

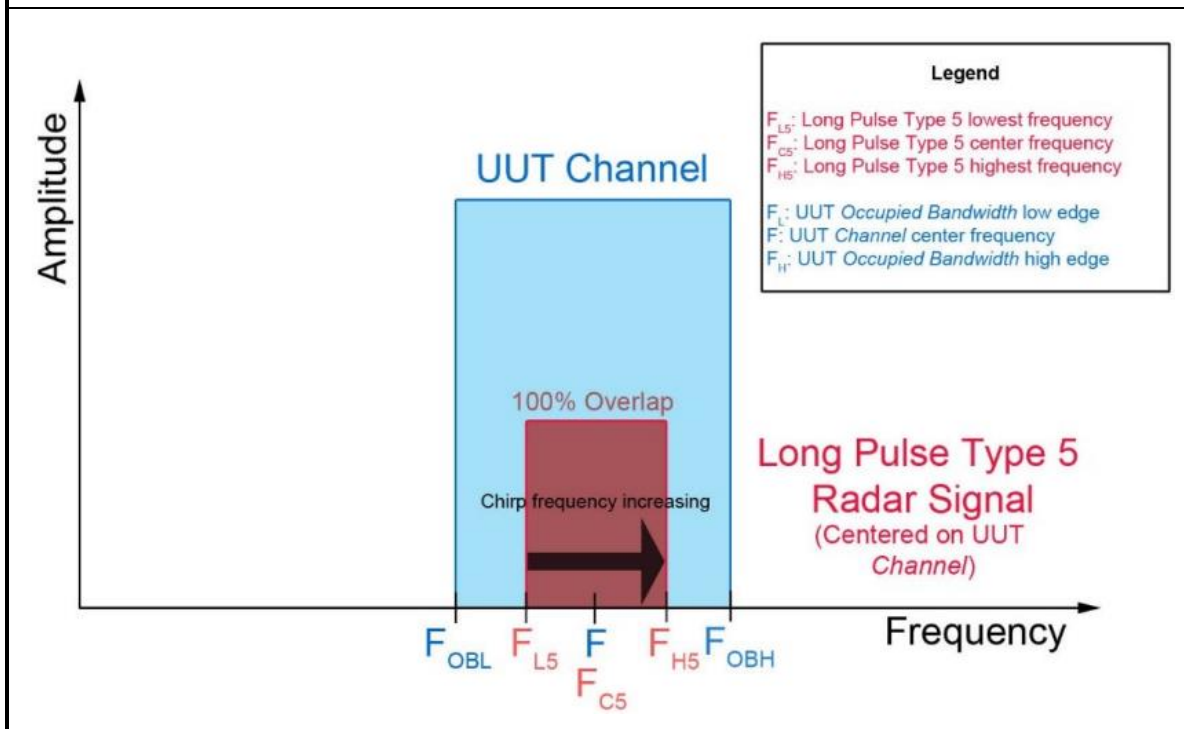
For subset case 2: to retain 90% frequency overlap between the radar signal and the UUT Occupied Bandwidth, the center frequency of the signal generator will vary for each of the ten trials in subset case 2.

The center frequency of the signal generator for each trial is calculated by: $FL + (0.4 * \text{Chirp Width [in MHz]})$

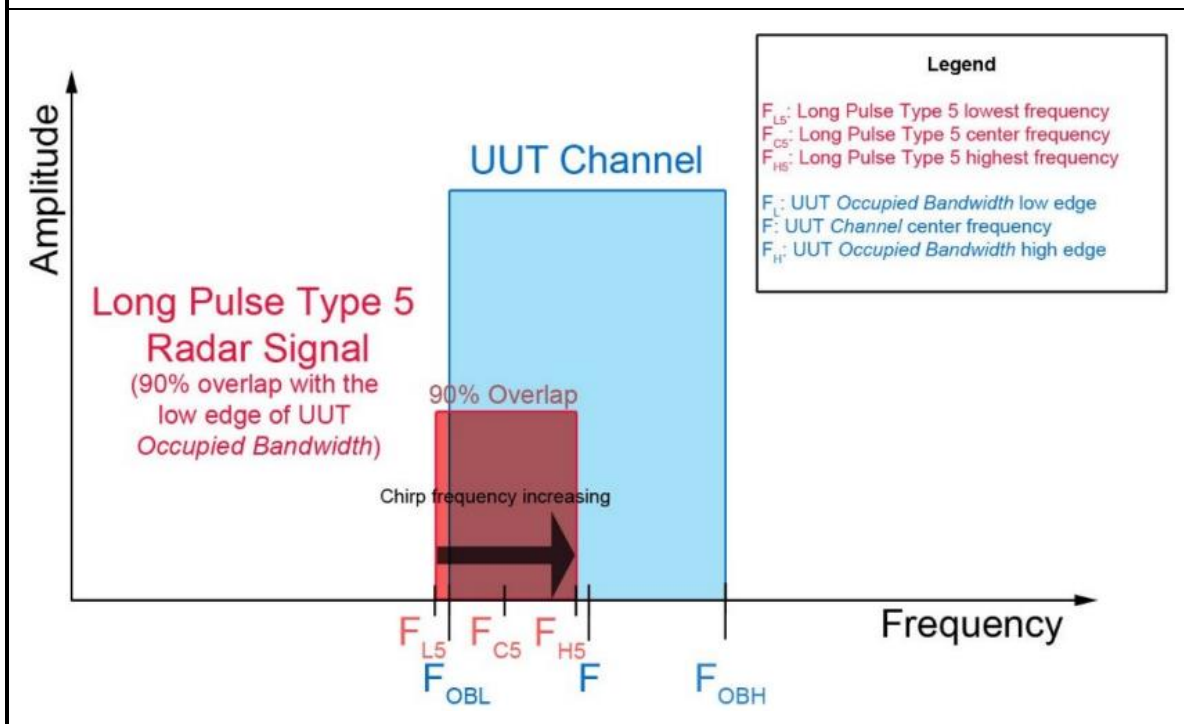
For subset case 3: to retain 90% frequency overlap between the radar signal and the UUT Occupied Bandwidth, the center frequency of the signal generator will vary for each of the ten trials in subset case 3.

The center frequency of the signal generator for each trial is calculated by: $FH - (0.4 * \text{Chirp Width [in MHz]})$

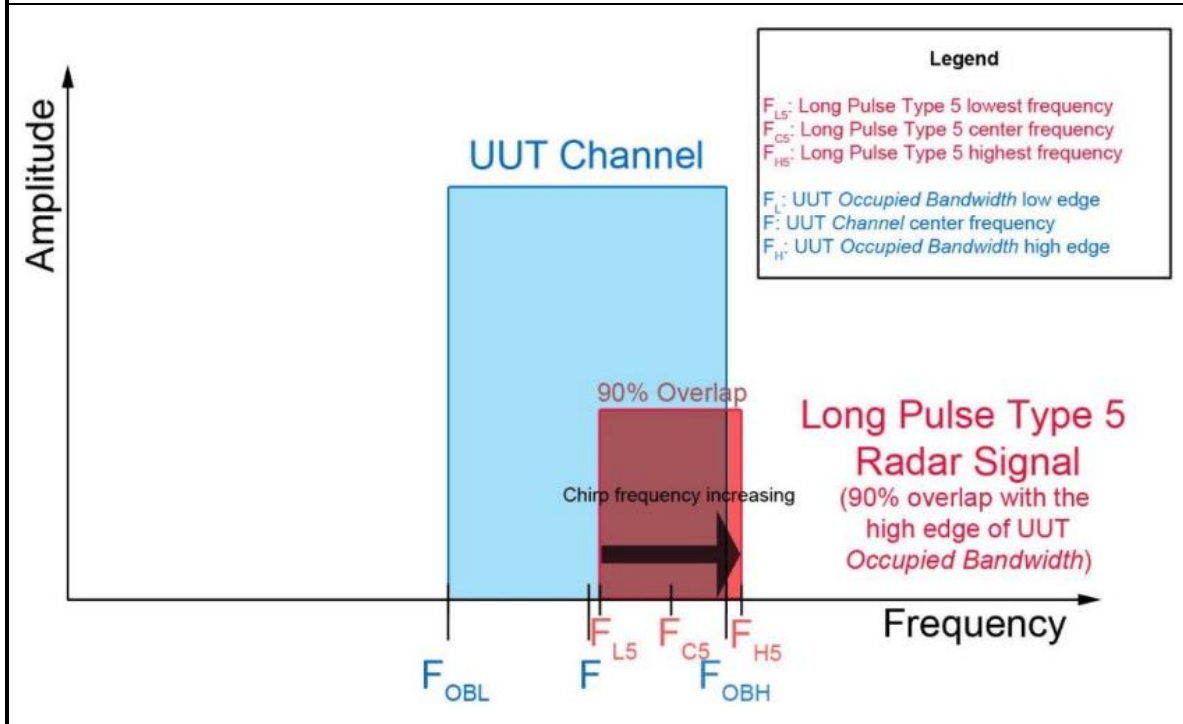
a) Channel center frequency (subset case 1)



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:

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

**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:

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

Table 7 – Frequency Hopping Radar Test Waveform

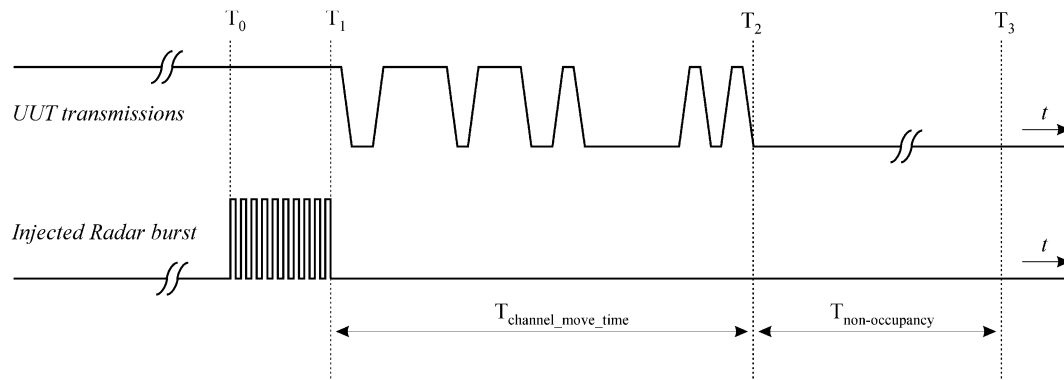
Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

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:

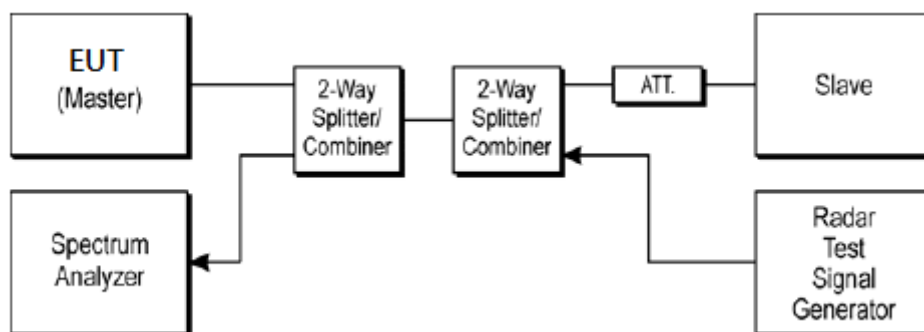
The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250 – 5724 MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues 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 T_0 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	N	Y	Y
2	Y	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	Y	Y
7	Y	Y	Y	Y	Y	Y
8	Y	Y	Y	Y	Y	Y
9	Y	Y	N	Y	Y	Y
10	Y	Y	Y	Y	Y	Y
11	Y	Y	Y	Y	N	Y
12	Y	Y	Y	Y	N	Y
13	Y	Y	Y	Y	Y	Y
14	Y	Y	Y	Y	Y	Y
15	Y	Y	Y	Y	Y	Y
16	Y	Y	Y	Y	N	Y
17	Y	Y	Y	Y	N	Y
18	Y	Y	Y	Y	Y	Y
19	Y	Y	Y	Y	Y	Y
20	Y	Y	Y	Y	Y	Y
21	Y	Y	Y	Y	Y	Y
22	Y	Y	Y	Y	Y	Y
23	Y	Y	Y	Y	Y	Y
24	Y	Y	Y	Y	Y	Y
25	Y	Y	Y	Y	Y	Y
26	Y	Y	Y	Y	Y	Y
27	Y	Y	Y	Y	Y	Y
28	Y	Y	Y	Y	Y	Y
29	Y	Y	Y	Y	Y	Y
30	Y	Y	Y	Y	Y	Y
Trial of Detection	30/30	30/30	29/30	29/30	26/30	30/30
Probability (%)	100%	100%	97%	97%	88%	100%
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			93% (>=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 (%)			96% (>=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 (%)			94% (>=80%)			



<160MHz/ 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	N	Y
13	Y	Y	Y	Y	Y	Y
14	Y	Y	Y	Y	Y	Y
15	Y	Y	Y	Y	Y	Y
16	Y	Y	Y	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	29/30	30/30
Probability (%)	100%	100%	100%	100%	97%	100%
Limit (%)	>= 60%	>= 60%	>= 60%	>= 60%	>= 80%	>= 70%
Average Probability of Radar Type 1~4 (%)			97% (>=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 05, 2022	Jul. 19, 2022~ Jul. 22, 2022	May 04, 2023	DFS (DF02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV3044	101104	10Hz~44GHz	Feb. 16, 2022	Jul.19, 2022~ Jul. 22, 2022	Feb. 15, 2023	DFS (DF02-HY)
Power Divider	Woken	2Way Divider	DCMB1KW7A1	0.5GHz~18GHz	Calibration from System	Jul. 19, 2022~ Jul. 22, 2022	Calibration from System	DFS (DF02-HY)
Power Divider	Woken	2Way Divider	DCMB1KW7A2	0.5GHz~18GHz	Calibration from System	Jul. 19, 2022~ Jul. 22, 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	Jul. 19, 2022~ Jul. 22, 2022	Calibration from System	DFS (DF02-HY)
RF Cable	MVE	SPF141	MVE-150cm-01	30 kHz~18GHz	Calibration from System	Jul. 19, 2022~ Jul. 22, 2022	Calibration from System	DFS (DF02-HY)
RF Cable	MVE	SPF141	MVE-150cm-02	30 kHz~18GHz	Calibration from System	Jul. 19, 2022~ Jul. 22, 2022	Calibration from System	DFS (DF02-HY)
RF Cable	MVE	SPF141	MVE-150cm-05	30 kHz~18GHz	Calibration from System	Jul. 19, 2022~ Jul. 22, 2022	Calibration from System	DFS (DF02-HY)
RF Cable	義訊	SFL405-100cm	#7	30 kHz~18GHz	Calibration from System	Jul. 19, 2022~ Jul. 22, 2022	Calibration from System	DFS (DF02-HY)
RF Cable	義訊	SFL405-100cm	#8	30 kHz~18GHz	Calibration from System	Jul. 19, 2022~ Jul. 22, 2022	Calibration from System	DFS (DF02-HY)
RF Cable	Woken	S05(100cm)	161202-02	30 kHz~18GHz	Calibration from System	Jul. 19, 2022~ Jul. 22, 2022	Calibration from System	DFS (DF02-HY)
RF Cable	Woken	S05(100cm)	161202-04	30 kHz~18GHz	Calibration from System	Jul. 19, 2022~ Jul. 22, 2022	Calibration from System	DFS (DF02-HY)
RF Cable	Woken	S05(100cm)	161202-05	30 kHz~18GHz	Calibration from System	Jul. 19, 2022~ Jul. 22, 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	15	1253.13	798	Yes
2	5	1672.24	598	Yes
3	2	1858.74	538	Yes
4	13	1319.26	758	Yes
5	21	1089.32	918	Yes
6	7	1567.40	638	Yes
7	17	1193.32	838	Yes
8	19	1138.95	878	Yes
9	6	1618.12	618	Yes
10	3	1792.11	558	Yes
11	4	1730.10	578	Yes
12	1	1930.50	518	Yes
13	10	1432.66	698	Yes
14	12	1355.01	738	Yes
15	8	1519.76	658	Yes
16		414.59	2412	Yes
17		382.70	2613	Yes
18		872.60	1146	Yes
19		716.85	1395	Yes
20		353.48	2829	Yes
21		471.25	2122	Yes
22		494.80	2021	Yes
23		579.04	1727	Yes
24		864.30	1157	Yes
25		1257.86	795	Yes
26		900.90	1110	Yes
27		1237.62	808	Yes
28		998.00	1002	Yes
29		622.67	1606	Yes
30		1112.35	899	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	3.80	158	Yes
2	27	3.50	208	Yes
3	24	2.00	181	Yes
4	26	3.00	212	Yes
5	25	2.10	179	Yes
6	27	3.80	223	Yes
7	27	3.50	164	Yes
8	26	3.10	199	Yes
9	29	5.00	192	Yes
10	29	4.70	203	Yes
11	26	3.10	156	Yes
12	29	4.70	213	Yes
13	29	5.00	161	Yes
14	25	2.30	173	Yes
15	26	3.00	182	Yes
16	23	1.50	167	Yes
17	29	4.70	168	Yes
18	27	3.60	189	Yes
19	24	2.00	178	Yes
20	23	1.00	159	Yes
21	28	4.30	184	Yes
22	28	4.10	222	Yes
23	28	4.10	186	Yes
24	29	4.90	225	Yes
25	24	1.80	202	Yes
26	28	4.00	193	Yes
27	24	2.00	183	Yes
28	25	2.30	228	Yes
29	23	1.20	157	Yes
30	27	3.40	207	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	18	8.80	208	Yes
2	17	8.50	477	Yes
3	16	7.00	441	Yes
4	17	8.00	357	Yes
5	16	7.10	243	Yes
6	18	8.80	282	Yes
7	17	8.50	364	Yes
8	17	8.10	231	Yes
9	18	10.00	395	Yes
10	18	9.70	458	Yes
11	17	8.10	399	Yes
12	18	9.70	490	Yes
13	18	10.00	381	Yes
14	17	7.30	411	Yes
15	17	8.00	368	Yes
16	16	6.50	347	Yes
17	18	9.70	259	Yes
18	17	8.60	328	Yes
19	16	7.00	232	Yes
20	16	6.00	242	Yes
21	18	9.30	380	Yes
22	18	9.10	354	Yes
23	18	9.10	460	Yes
24	18	9.90	396	Yes
25	16	6.80	337	Yes
26	18	9.00	500	Yes
27	16	7.00	348	Yes
28	16	7.30	459	Yes
29	16	6.20	349	Yes
30	17	8.40	247	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	15	17.30	208	Yes
2	15	16.70	477	Yes
3	13	13.20	441	Yes
4	14	15.40	357	Yes
5	13	13.60	243	Yes
6	15	17.40	282	Yes
7	15	16.70	364	Yes
8	14	15.70	231	Yes
9	16	19.90	395	Yes
10	16	19.30	458	Yes
11	14	15.70	399	Yes
12	16	19.30	490	Yes
13	16	20.00	381	Yes
14	13	14.00	411	Yes
15	14	15.50	368	Yes
16	12	12.20	347	Yes
17	16	19.40	259	Yes
18	15	16.80	328	Yes
19	13	13.20	232	Yes
20	12	11.00	242	Yes
21	16	18.50	380	Yes
22	15	17.80	354	Yes
23	15	18.00	460	Yes
24	16	19.80	396	Yes
25	12	12.80	337	Yes
26	15	17.60	500	Yes
27	13	13.30	348	Yes
28	13	13.90	459	Yes
29	12	11.40	349	Yes
30	15	16.50	247	Yes

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5.5			
Burst	Number of Pulses	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	16	1265	1499	661501
2	2	81.4	16	1683	-	129964
3	1	62.3	16	-	-	300923
4	2	74.4	16	1727	-	470708
5	1	64.6	16	-	-	642865
6	3	85.4	16	1435	1102	108774
7	2	81.7	16	1659	-	279336
8	2	76.2	16	1917	-	449559
9	3	99.3	16	1294	1952	618440
10	3	96.1	16	1466	1066	87803
11	2	76.2	16	1500	-	258396
12	3	95.8	16	1023	1312	428611
13	3	99.8	16	1509	1439	598267
14	2	67	16	1699	-	66974
15	2	75.2	16	1820	-	237272
16	1	57	16	-	-	409067
17	3	96.2	16	1643	1954	576996
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5.5			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	82.4	15	1765	-	48805
2	1	62.4	15	-	-	230453
3	1	50.4	15	-	-	412074
4	3	91.3	15	1932	1940	590086
5	3	87.8	15	1367	1875	26455
6	3	88.6	15	1923	1308	207235
7	3	98.8	15	1783	1610	387708
8	1	59.9	15	-	-	571239
9	3	86.8	15	1920	1252	4210
10	1	62.7	15	-	-	185850
11	1	66.4	15	-	-	367094
12	1	52.6	15	-	-	548807
13	2	80.3	15	1218	-	729462
14	1	63.4	15	-	-	163407
15	1	65.3	15	-	-	344962
16	3	84	15	1912	1539	523858
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5.5			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	63.6	8	-	-	1030445
2	2	72.7	8	1370	-	204926
3	1	60.3	8	-	-	469519
4	3	90.5	8	1067	1670	731937
5	3	83.8	8	1412	1658	995056
6	1	58.2	8	-	-	172701
7	3	91.6	8	1131	1341	435819
8	1	53.6	8	-	-	701377
9	1	56.2	8	-	-	965776
10	2	74.4	8	1910	-	139923
11	1	50.4	8	-	-	404433
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5.5			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	94	12	1812	1266	523323
2	2	69.9	12	1642	-	731488
3	2	82.1	12	1075	-	84443
4	2	70.4	12	1202	-	291580
5	2	70.3	12	1859	-	498471
6	3	100	12	1396	1317	705097
7	1	62.7	12	-	-	58965
8	1	57.9	12	-	-	266551
9	2	74.1	12	1624	-	473139
10	2	73.2	12	1250	-	680723
11	3	84.8	12	1255	1093	33309
12	3	97.2	12	1379	1795	240098
13	3	92.8	12	1822	1388	446972
14	1	63.6	12	-	-	656266
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5.5			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	64.5	9	-	-	10009
2	2	77.9	9	1389	-	273902
3	2	72.6	9	1207	-	537911
4	1	65.2	9	-	-	802466
5	2	73.6	9	1958	-	1064468
6	2	69	9	1867	-	241236
7	2	82.7	9	1476	-	505414
8	1	60.9	9	-	-	770303
9	1	61.8	9	-	-	1034136
10	3	86.2	9	1861	1828	208361
11	3	94.3	9	1264	1885	471831
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5.5			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	64.8	16	-	-	477114
2	1	66.6	16	-	-	647538
3	1	62.4	16	-	-	114243
4	2	74.1	16	1393	-	284644
5	2	70.8	16	1055	-	455275
6	3	96.8	16	1837	1382	624010
7	3	85	16	1731	1214	92788
8	1	63.3	16	-	-	263855
9	3	88.2	16	1136	1631	433242
10	1	54.7	16	-	-	605450
11	3	90.1	16	1286	1332	71771
12	1	54.6	16	-	-	242969
13	3	92.3	16	1619	1232	412259
14	3	96.2	16	1247	1804	582252
15	1	52.7	16	-	-	51074
16	2	67.5	16	1210	-	221540
17	1	55.5	16	-	-	392610
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5.5			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	76.1	13	1173	-	581667
2	1	55.5	13	-	-	790210
3	3	83.4	13	1882	1172	141186
4	1	50.3	13	-	-	349344
5	3	83.8	13	1041	1810	554870
6	1	53.2	13	-	-	764118
7	2	76.4	13	1338	-	115938
8	3	99.8	13	1898	1538	322446
9	3	83.8	13	1700	1459	529208
10	1	54.6	13	-	-	739067
11	1	58.8	13	-	-	90611
12	2	74.5	13	1420	-	297460
13	2	73.2	13	1119	-	504925
14	2	80.4	13	1623	-	712056
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5.5			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	76.1	13	1173	-	581667
2	1	55.5	13	-	-	790210
3	3	83.4	13	1882	1172	141186
4	1	50.3	13	-	-	349344
5	3	83.8	13	1041	1810	554870
6	1	53.2	13	-	-	764118
7	2	76.4	13	1338	-	115938
8	3	99.8	13	1898	1538	322446
9	3	83.8	13	1700	1459	529208
10	1	54.6	13	-	-	739067
11	1	58.8	13	-	-	90611
12	2	74.5	13	1420	-	297460
13	2	73.2	13	1119	-	504925
14	2	80.4	13	1623	-	712056
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5.5			Yes
Burst	Number of Pulses	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	20	1276	-	45424
2	2	70.8	20	1299	-	190224
3	1	51.5	20	-	-	335845
4	2	77.2	20	1525	-	479878
5	2	69.7	20	1505	-	27521
6	1	50.9	20	-	-	172764
7	1	57.3	20	-	-	318112
8	2	68.7	20	1167	-	462537
9	3	97.4	20	1005	1567	9690
10	3	89.8	20	1589	1126	154263
11	3	93.2	20	1474	1752	298248
12	3	93.8	20	1802	1127	442725
13	1	51.9	20	-	-	590464
14	1	58.3	20	-	-	137044
15	1	52.3	20	-	-	282152
16	1	57.9	20	-	-	427190
17	2	70.3	20	1098	-	571715
18	2	71.7	20	1870	-	118787
19	2	81.9	20	1847	-	263681
20	1	58.7	20	-	-	409611

Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5.5			Yes
Burst	Number of Pulses	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	66.1	19	-	-	583694
2	3	90.6	19	1336	1516	106172
3	2	69.3	19	1482	-	258695
4	2	67.2	19	1256	-	411245
5	2	71.7	19	1868	-	563224
6	3	87.9	19	1542	1904	87221
7	3	84.4	19	1742	1144	239333
8	2	79.1	19	1092	-	392410
9	3	91.8	19	1901	1900	542902
10	1	62.8	19	-	-	68903
11	2	68	19	1056	-	221347
12	3	94.8	19	1074	1858	372793
13	1	57.2	19	-	-	527304
14	3	88.6	19	1467	1470	49893
15	2	69.3	19	1038	-	202662
16	1	61.8	19	-	-	355579
17	1	53.9	19	-	-	508274
18	3	90.7	19	1790	1472	31157
19	1	63.3	19	-	-	183963
20	0	0	0	0	0	0

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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			0			
Chirp Center Frequency:			0			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	of Pulses p	Pulse Width (us)	Chirp Width (MHz)	PRI-2 (us)	PRI-3 (us)	Burst Offset (us)
2	1	57.1	13	-	-	457788
3	3	88.6	13	1478	1748	662901
4	1	57.4	13	-	-	16943
5	1	58.1	13	-	-	224587
6	3	93.6	13	1944	1551	430438
7	1	57.1	13	-	-	639430
8	3	90.1	13	1684	1598	844222
9	1	51.3	13	-	-	198801
10	2	68	13	1259	-	405912
11	3	97.5	13	1510	1076	612240
12	2	75.9	13	1897	-	820000
13	3	84.4	13	1497	1941	172656
14	3	87.2	13	1995	1164	379452
15	3	92.6	13	1452	1826	586089
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			0			
Chirp Center Frequency:			0			
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	5.498	0.6315789	12	0	0	19
2	of Pulses p	Pulse Width (us)	Chirp Width (MHz)	PRI-2 (us)	PRI-3 (us)	Burst Offset (us)
3	1	64.4	19	-	-	585702
4	1	64.2	19	-	-	108856
5	2	78.5	19	1486	-	261159
6	1	51.5	19	-	-	414177
7	3	84.3	19	1615	1980	563797
8	1	55.4	19	-	-	89947
9	2	81.9	19	1949	-	242093
10	1	66.6	19	-	-	395797
11	2	78.2	19	1966	-	546605
12	2	77	19	1522	-	70989
13	3	84.5	19	1015	1353	223007
14	2	71.8	19	1939	-	375425
15	3	98.4	19	1423	1104	527270
16	3	86.5	19	1179	1411	52120
17	1	63.4	19	-	-	205174
18	3	89.1	19	1085	1891	356487
19	3	90.5	19	1878	1268	508283
20	1	54	19	-	-	33532

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Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			186117			
Chirp Center Frequency:			2			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	0	0	0	0	0	0
2	5.498	0.6	12	0	0	20
3	of Pulses p	Pulse Width (us)	Chirp Width (MH	PRI-2 (us)	PRI-3 (us)	Burst Offset (us)
4	1	58.3	20	-	-	322015
5	2	74.8	20	1807	-	466251
6	2	70.2	20	1088	-	13941
7	1	58.7	20	-	-	159203
8	2	82.4	20	1217	-	303741
9	2	75.8	20	1401	-	448364
10	1	60	20	-	-	594527
11	2	81.6	20	1768	-	140710
12	3	86.6	20	1764	1746	284486
13	1	66.4	20	-	-	431898
14	2	81.7	20	1359	-	575633
15	1	65.8	20	-	-	123303
16	2	78.5	20	1254	-	267859
17	2	80.9	20	1241	-	413065
18	1	52.2	20	-	-	558390
19	3	92.8	20	1979	1549	104837
20	2	74.4	20	1381	-	249848

Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			393949			
Chirp Center Frequency:			3			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	69.6	20	1846	-	87260
2	5.494	1	12	0	0	12
3	of Pulses p	Pulse Width (us)	Chirp Width (MHz)	PRI-2 (us)	PRI-3 (us)	Burst Offset (us)
4	3	85.2	10	1713	1369	387203
5	2	81.5	10	1984	-	629324
6	3	90.6	10	1982	1324	869427
7	1	60.3	10	-	-	116349
8	2	80.4	10	1344	-	357966
9	2	73.7	10	1243	-	599709
10	2	71.8	10	1433	-	841792
11	1	58.8	10	-	-	86528
12	1	53.5	10	-	-	328658
13	3	88	10	1409	1829	568692
14	2	78.9	10	1484	-	811572
15	1	56.9	10	-	-	56645
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			0			
Chirp Center Frequency:			0			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	0	0	0	0	0	0
2	5.495	0.8571429	12	0	0	14
3	of Pulses p	Pulse Width (us)	Chirp Width (MHz)	PRI-2 (us)	PRI-3 (us)	Burst Offset (us)
4	2	71.8	13	1377	-	255683
5	1	54.7	13	-	-	463781
6	2	78.8	13	1801	-	669927
7	2	67.8	13	1526	-	22959
8	3	94.3	13	1422	1580	229715
9	1	55.4	13	-	-	438157
10	3	96.1	13	1650	1113	643285
11	2	75.7	13	1571	-	851143
12	2	74.3	13	1864	-	204491
13	2	73.8	13	1489	-	411522
14	3	95.3	13	1275	1295	618267
15	1	50.1	13	-	-	827152
16	3	96.5	13	1694	1508	178741
17	1	61.1	13	-	-	386928
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			0			
Chirp Center Frequency:			0			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	0	0	0	0	0	0
2	5.493	1.3333333	12	0	0	9
3	of Pulses p	Pulse Width (us)	Chirp Width (MHz)	PRI-2 (us)	PRI-3 (us)	Burst Offset (us)
4	1	55.9	7	-	-	925395
5	3	91	7	1857	1059	1245282
6	3	96.2	7	1931	1907	238760
7	3	93.8	7	1751	1830	560834
8	3	89	7	1667	1640	883122
9	3	98.4	7	1037	1141	1206731
10	2	80.1	7	1919	-	199338
11	3	84.5	7	1337	1799	521310
12	3	94.5	7	1786	1462	843294
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			0			
Chirp Center Frequency:			0			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	0	0	0	0	0	0
2	5.498	0.6	12	0	0	20
3	of Pulses p	Pulse Width (us)	Chirp Width (MHz)	PRI-2 (us)	PRI-3 (us)	Burst Offset (us)
4	2	76.8	19	1417	-	523592
5	3	84.3	19	1350	1918	71444
6	1	59.9	19	-	-	216967
7	2	78.3	19	1046	-	361519
8	1	58.7	19	-	-	507708
9	1	54	19	-	-	53932
10	1	51.1	19	-	-	199271
11	2	78.1	19	1881	-	343376
12	3	98.6	19	1211	1114	487176
13	3	87.5	19	1834	1205	35904
14	2	74.7	19	1896	-	180588
15	3	94.1	19	1225	1534	324907
16	2	73.8	19	1368	-	470696
17	1	52	19	-	-	18193
18	3	84.5	19	1747	1726	162424
19	3	98.6	19	1836	1197	306908
20	2	68.9	19	1392	-	452609

Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			316			
Chirp Center Frequency:			3			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	95.4	19	1719	1449	289311
2	5.496	0.75	12	0	0	16
3	of Pulses p	Pulse Width (us)	Chirp Width (MHz)	PRI-2 (us)	PRI-3 (us)	Burst Offset (us)
4	1	61.3	15	-	-	544874
5	3	86.2	15	1009	1457	724374
6	3	90.4	15	1335	1803	158996
7	1	63.8	15	-	-	340988
8	2	69.3	15	1153	-	521719
9	2	67.7	15	1644	-	702951
10	2	80.9	15	1722	-	136878
11	1	62.7	15	-	-	318680
12	1	59.8	15	-	-	500506
13	3	99	15	1354	1181	679515
14	2	80.6	15	1653	-	114551
15	2	76.9	15	1520	-	295872
16	3	87.4	15	1785	1645	475910
17	1	60.3	15	-	-	659492
18	1	51.9	15	-	-	92544
19	3	83.6	15	1228	1123	273175
20	0	0	0	0	0	0

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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			0			
Chirp Center Frequency:			0			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	0	0	0	0.000	0.000	0
2	5.493	1.0909091	12	0.000	0.000	11
3	of Pulses p	Pulse Width (us)	Chirp Width (MHz)	PRI-2 (us)	PRI-3 (us)	Burst Offset (us)
4	3	84.4	8	1835.000	1463.000	661051
5	2	77.1	8	1110.000	-	925945
6	3	87.4	8	1485.000	1942.000	101789
7	2	71.7	8	1963.000	-	365580
8	2	73.1	8	1064.000	-	630093
9	3	95.8	8	1564.000	1386.000	892079
10	3	96.8	8	1118.000	1356.000	69348
11	1	62.6	8	-	-	333773
12	2	71.8	8	1048.000	-	597317
13	2	67.1	8	1710.000	-	860960
14	2	82.2	8	1186.000	-	36934
15	0	0	0	0.000	0.000	0
16	0	0	0	0.000	0.000	0
17	0	0	0	0.000	0.000	0
18	0	0	0	0.000	0.000	0
19	0	0	0	0.000	0.000	0
20	0	0	0	0.000	0.000	0

Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			0			
Chirp Center Frequency:			0			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	0	0	0	0	0	0
2	5.492	1.5	12	0	0	8
3	of Pulses p	Pulse Width (us)	Chirp Width (MHz)	PRI-2 (us)	PRI-3 (us)	Burst Offset (us)
4	3	88.9	5	1832	1429	413318
5	1	61.7	5	-	-	777589
6	3	95.3	5	1373	1794	1138425
7	2	70.1	5	1448	-	6087
8	1	53.6	5	-	-	369546
9	3	95.5	5	1279	1039	731620
10	3	89.2	5	1450	1407	1094465
11	2	83.1	5	1107	-	1458944
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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

Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			0			
Chirp Center Frequency:			0			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	0	0	0	0	0	0
2	5.503	0.6666667	12	0	0	18
3	of Pulses p	Pulse Width (us)	Chirp Width (MHz)	PRI-2 (us)	PRI-3 (us)	Burst Offset (us)
4	3	90.7	18	1911	1512	143486
5	3	93.9	18	1558	1617	303975
6	3	96.1	18	1815	1443	464789
7	1	59	18	-	-	628008
8	3	91	18	1398	1274	123854
9	2	73.1	18	1360	-	285178
10	3	88.5	18	1213	1175	445280
11	2	68.3	18	1914	-	606464
12	3	99.7	18	1876	1082	103979
13	1	56.8	18	-	-	265926
14	3	97.9	18	1578	1890	424967
15	1	56.7	18	-	-	588802
16	1	63.4	18	-	-	84540
17	1	50	18	-	-	245828
18	1	50.8	18	-	-	407352
19	1	64.1	18	-	-	568926
20	3	91.8	18	1715	1594	64367

Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			226130			
Chirp Center Frequency:			1			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	0	0	0	0	0	0
2	5.503	0.7058824	12	0	0	17
3	of Pulses p	Pulse Width (us)	Chirp Width (MHz)	PRI-2 (us)	PRI-3 (us)	Burst Offset (us)
4	1	62.9	17	-	-	410427
5	2	72.3	17	1922	-	579546
6	1	65.6	17	-	-	47467
7	3	89.5	17	1616	1771	217286
8	2	77.8	17	1072	-	388651
9	3	92.1	17	1953	1579	557451
10	1	52.2	17	-	-	26385
11	3	85.5	17	1770	1292	196378
12	3	92	17	1058	1955	366389
13	1	51	17	-	-	538880
14	1	64.5	17	-	-	5359
15	2	78.9	17	1405	-	175916
16	2	77	17	1091	-	346261
17	2	81.4	17	1242	-	517070
18	3	98.2	17	1956	1124	685534
19	2	77.2	17	1915	-	154836
20	1	61.3	17	-	-	325857

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

Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			0			
Chirp Center Frequency:			0			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	0	0	0	0	0	0
2	5.503	0.6666667	12	0	0	18
3	of Pulses p	Pulse Width (us)	Chirp Width (MHz)	PRI-2 (us)	PRI-3 (us)	Burst Offset (us)
4	3	89.7	17	1430	1781	466902
5	3	88.3	17	1185	1577	627999
6	2	68.1	17	1121	-	126448
7	3	96.4	17	1340	1998	286548
8	3	98.6	17	1983	1737	446718
9	3	84.6	17	1766	1464	607279
10	2	77.5	17	1180	-	106647
11	3	97.1	17	1183	1155	267291
12	1	55.7	17	-	-	429189
13	2	73.9	17	1724	-	588858
14	1	60.3	17	-	-	86866
15	2	68.8	17	1673	-	247591
16	3	88.9	17	1586	1902	407129
17	1	60.8	17	-	-	570863
18	2	81.1	17	1065	-	66918
19	2	78.3	17	1461	-	227731
20	3	96.3	17	1621	1024	388015

Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			549733			
Chirp Center Frequency:			2			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	0	0	0	0	0	0
2	5.502	0.6	12	0	0	20
3	of Pulses p	Pulse Width (us)	Chirp Width (MHz)	PRI-2 (us)	PRI-3 (us)	Burst Offset (us)
4	2	66.9	20	1609	-	42291
5	2	67.5	20	1514	-	187005
6	1	51.1	20	-	-	332904
7	1	66.1	20	-	-	478036
8	1	54	20	-	-	24563
9	1	56.7	20	-	-	169613
10	1	55.4	20	-	-	315021
11	2	81.2	20	1006	-	459476
12	3	87.5	20	1044	1415	6635
13	1	53.7	20	-	-	151822
14	2	70.8	20	1077	-	296279
15	2	79.9	20	1298	-	440844
16	1	66.4	20	-	-	586909
17	1	58.5	20	-	-	133912
18	3	86.2	20	1819	1745	277267
19	3	88.8	20	1079	1036	423050
20	1	61.1	20	-	-	569516

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

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			115704			
Chirp Center Frequency:			2			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	61	20	-	-	406351
2	5.507	1.2	12	0	0	10
3	of Pulses p	Pulse Width (us	Chirp Width (MH	PRI-2 (us)	PRI-3 (us)	Burst Offset (us)
4	1	64.3	8	-	-	1104439
5	3	87.7	8	1129	1428	196152
6	3	88.1	8	1584	1540	486036
7	3	92.4	8	1805	1519	775705
8	2	72	8	1307	-	1067530
9	2	68.1	8	1588	-	160615
10	3	91.9	8	1444	1069	450630
11	2	66.7	8	1661	-	741254
12	1	53.1	8	-	-	1033251
13	3	90.2	8	1418	1313	124713
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			0			
Chirp Center Frequency:			0			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	0	0	0	0	0	0
2	5.503	0.7058824	12	0	0	17
3	of Pulses p	Pulse Width (us)	Chirp Width (MHz)	PRI-2 (us)	PRI-3 (us)	Burst Offset (us)
4	3	83.4	16	1888	1753	243074
5	1	50.5	16	-	-	414879
6	2	80.8	16	1777	-	584766
7	3	99	16	1668	1779	52170
8	2	81.3	16	1720	-	222791
9	1	59.7	16	-	-	393948
10	1	60.1	16	-	-	565079
11	2	73.6	16	1740	-	31324
12	3	84.3	16	1806	1791	201302
13	1	61.3	16	-	-	373316
14	3	90.9	16	1813	1523	541253
15	2	67.4	16	1743	-	10310
16	3	97.1	16	1641	1479	180473
17	2	73.8	16	1196	-	351434
18	2	76.3	16	1976	-	521044
19	2	75.9	16	1693	-	692074
20	1	57.4	16	-	-	160174

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

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			0			
Chirp Center Frequency:			0			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	0	0	0	0	0	0
2	5.506	1.0909091	12	0	0	11
3	of Pulses p	Pulse Width (us)	Chirp Width (MHz)	PRI-2 (us)	PRI-3 (us)	Burst Offset (us)
4	1	51.8	9	-	-	511828
5	2	82.6	9	1475	-	775353
6	1	50.1	9	-	-	1040642
7	3	99.7	9	1975	1227	214473
8	1	55.2	9	-	-	479305
9	1	54.6	9	-	-	743420
10	3	85.3	9	1229	1068	1005226
11	2	68.1	9	1970	-	182237
12	2	79.2	9	1996	-	446081
13	2	79.4	9	1339	-	709845
14	1	58.8	9	-	-	975424
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			0			
Chirp Center Frequency:			0			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	0	0	0	0	0	0
2	5.506	1	12	0	0	12
3	of Pulses p	Pulse Width (us)	Chirp Width (MH	PRI-2 (us)	PRI-3 (us)	Burst Offset (us)
4	3	94.1	10	1978	1860	137041
5	3	85.9	10	1792	1842	378349
6	1	64.8	10	-	-	621529
7	3	88.8	10	1257	1366	862023
8	2	78	10	1073	-	107582
9	3	97.4	10	1565	1404	348834
10	2	70.3	10	1240	-	591436
11	2	70.2	10	1100	-	833075
12	3	99.1	10	1903	1013	77635
13	2	67.5	10	1493	-	319604
14	2	77.2	10	1866	-	561183
15	2	76.5	10	1156	-	803433
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			0			
Chirp Center Frequency:			0			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	0	0	0	0	0	0
2	5.508	1.5	12	0	0	8
3	of Pulses p	Pulse Width (us)	Chirp Width (MHz)	PRI-2 (us)	PRI-3 (us)	Burst Offset (us)
4	2	78.6	5	1660	-	72004
5	3	87.5	5	1971	1639	434311
6	3	91.7	5	1361	1018	797669
7	1	62.2	5	-	-	1162228
8	2	70.1	5	1099	-	27278
9	3	97	5	1236	1626	389903
10	3	90.6	5	1152	1267	752783
11	1	64.2	5	-	-	1117835
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			0			
Chirp Center Frequency:			0			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	0	0	0	0	0	0
2	5.504	0.8	12	0	0	15
3	of Pulses p	Pulse Width (us)	Chirp Width (MHz)	PRI-2 (us)	PRI-3 (us)	Burst Offset (us)
4	1	66	14	-	-	789659
5	3	96.1	14	1593	1502	183582
6	1	60.6	14	-	-	377951
7	3	90.1	14	1961	1709	569021
8	3	84.2	14	1590	1689	761783
9	1	53	14	-	-	160476
10	3	90.6	14	1288	1632	352678
11	2	78.2	14	1014	-	547268
12	3	95.9	14	1845	1825	737891
13	3	95.6	14	1112	1349	136190
14	2	80.8	14	1627	-	329476
15	1	52.1	14	-	-	523830
16	2	80.3	14	1986	-	715582
17	1	51.3	14	-	-	112788
18	2	79.6	14	1853	-	305862
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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	15	1253.13	798	Yes
2	5	1672.24	598	Yes
3	2	1858.74	538	Yes
4	13	1319.26	758	Yes
5	21	1089.32	918	Yes
6	7	1567.40	638	Yes
7	17	1193.32	838	Yes
8	19	1138.95	878	Yes
9	6	1618.12	618	Yes
10	3	1792.11	558	Yes
11	4	1730.10	578	Yes
12	1	1930.50	518	Yes
13	10	1432.66	698	Yes
14	12	1355.01	738	Yes
15	8	1519.76	658	Yes
16		414.59	2412	Yes
17		382.70	2613	Yes
18		872.60	1146	Yes
19		716.85	1395	Yes
20		353.48	2829	Yes
21		471.25	2122	Yes
22		494.80	2021	Yes
23		579.04	1727	Yes
24		864.30	1157	Yes
25		1257.86	795	Yes
26		900.90	1110	Yes
27		1237.62	808	Yes
28		998.00	1002	Yes
29		622.67	1606	Yes
30		1112.35	899	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	3.80	158	Yes
2	27	3.50	208	Yes
3	24	2.00	181	Yes
4	26	3.00	212	Yes
5	25	2.10	179	Yes
6	27	3.80	223	Yes
7	27	3.50	164	Yes
8	26	3.10	199	Yes
9	29	5.00	192	Yes
10	29	4.70	203	Yes
11	26	3.10	156	Yes
12	29	4.70	213	Yes
13	29	5.00	161	Yes
14	25	2.30	173	Yes
15	26	3.00	182	Yes
16	23	1.50	167	Yes
17	29	4.70	168	Yes
18	27	3.60	189	Yes
19	24	2.00	178	Yes
20	23	1.00	159	Yes
21	28	4.30	184	Yes
22	28	4.10	222	Yes
23	28	4.10	186	Yes
24	29	4.90	225	Yes
25	24	1.80	202	Yes
26	28	4.00	193	Yes
27	24	2.00	183	Yes
28	25	2.30	228	Yes
29	23	1.20	157	Yes
30	27	3.40	207	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	18	8.80	208	Yes
2	17	8.50	477	Yes
3	16	7.00	441	Yes
4	17	8.00	357	Yes
5	16	7.10	243	Yes
6	18	8.80	282	Yes
7	17	8.50	364	Yes
8	17	8.10	231	Yes
9	18	10.00	395	Yes
10	18	9.70	458	Yes
11	17	8.10	399	Yes
12	18	9.70	490	Yes
13	18	10.00	381	Yes
14	17	7.30	411	Yes
15	17	8.00	368	Yes
16	16	6.50	347	Yes
17	18	9.70	259	Yes
18	17	8.60	328	Yes
19	16	7.00	232	Yes
20	16	6.00	242	Yes
21	18	9.30	380	Yes
22	18	9.10	354	Yes
23	18	9.10	460	Yes
24	18	9.90	396	Yes
25	16	6.80	337	Yes
26	18	9.00	500	Yes
27	16	7.00	348	Yes
28	16	7.30	459	Yes
29	16	6.20	349	Yes
30	17	8.40	247	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	15	17.30	208	Yes
2	15	16.70	477	Yes
3	13	13.20	441	Yes
4	14	15.40	357	Yes
5	13	13.60	243	Yes
6	15	17.40	282	Yes
7	15	16.70	364	Yes
8	14	15.70	231	Yes
9	16	19.90	395	Yes
10	16	19.30	458	Yes
11	14	15.70	399	Yes
12	16	19.30	490	Yes
13	16	20.00	381	Yes
14	13	14.00	411	Yes
15	14	15.50	368	Yes
16	12	12.20	347	Yes
17	16	19.40	259	Yes
18	15	16.80	328	Yes
19	13	13.20	232	Yes
20	12	11.00	242	Yes
21	16	18.50	380	Yes
22	15	17.80	354	Yes
23	15	18.00	460	Yes
24	16	19.80	396	Yes
25	12	12.80	337	Yes
26	15	17.60	500	Yes
27	13	13.30	348	Yes
28	13	13.90	459	Yes
29	12	11.40	349	Yes
30	15	16.50	247	Yes

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5.51			
Burst	Number of Pulses	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	16	1265	1499	661501
2	2	81.4	16	1683	-	129964
3	1	62.3	16	-	-	300923
4	2	74.4	16	1727	-	470708
5	1	64.6	16	-	-	642865
6	3	85.4	16	1435	1102	108774
7	2	81.7	16	1659	-	279336
8	2	76.2	16	1917	-	449559
9	3	99.3	16	1294	1952	618440
10	3	96.1	16	1466	1066	87803
11	2	76.2	16	1500	-	258396
12	3	95.8	16	1023	1312	428611
13	3	99.8	16	1509	1439	598267
14	2	67	16	1699	-	66974
15	2	75.2	16	1820	-	237272
16	1	57	16	-	-	409067
17	3	96.2	16	1643	1954	576996
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5.51			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	82.4	15	1765	-	48805
2	1	62.4	15	-	-	230453
3	1	50.4	15	-	-	412074
4	3	91.3	15	1932	1940	590086
5	3	87.8	15	1367	1875	26455
6	3	88.6	15	1923	1308	207235
7	3	98.8	15	1783	1610	387708
8	1	59.9	15	-	-	571239
9	3	86.8	15	1920	1252	4210
10	1	62.7	15	-	-	185850
11	1	66.4	15	-	-	367094
12	1	52.6	15	-	-	548807
13	2	80.3	15	1218	-	729462
14	1	63.4	15	-	-	163407
15	1	65.3	15	-	-	344962
16	3	84	15	1912	1539	523858
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5.51			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	63.6	8	-	-	1030445
2	2	72.7	8	1370	-	204926
3	1	60.3	8	-	-	469519
4	3	90.5	8	1067	1670	731937
5	3	83.8	8	1412	1658	995056
6	1	58.2	8	-	-	172701
7	3	91.6	8	1131	1341	435819
8	1	53.6	8	-	-	701377
9	1	56.2	8	-	-	965776
10	2	74.4	8	1910	-	139923
11	1	50.4	8	-	-	404433
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5.51			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	94	12	1812	1266	523323
2	2	69.9	12	1642	-	731488
3	2	82.1	12	1075	-	84443
4	2	70.4	12	1202	-	291580
5	2	70.3	12	1859	-	498471
6	3	100	12	1396	1317	705097
7	1	62.7	12	-	-	58965
8	1	57.9	12	-	-	266551
9	2	74.1	12	1624	-	473139
10	2	73.2	12	1250	-	680723
11	3	84.8	12	1255	1093	33309
12	3	97.2	12	1379	1795	240098
13	3	92.8	12	1822	1388	446972
14	1	63.6	12	-	-	656266
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5.51			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	64.5	9	-	-	10009
2	2	77.9	9	1389	-	273902
3	2	72.6	9	1207	-	537911
4	1	65.2	9	-	-	802466
5	2	73.6	9	1958	-	1064468
6	2	69	9	1867	-	241236
7	2	82.7	9	1476	-	505414
8	1	60.9	9	-	-	770303
9	1	61.8	9	-	-	1034136
10	3	86.2	9	1861	1828	208361
11	3	94.3	9	1264	1885	471831
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5.51			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	64.8	16	-	-	477114
2	1	66.6	16	-	-	647538
3	1	62.4	16	-	-	114243
4	2	74.1	16	1393	-	284644
5	2	70.8	16	1055	-	455275
6	3	96.8	16	1837	1382	624010
7	3	85	16	1731	1214	92788
8	1	63.3	16	-	-	263855
9	3	88.2	16	1136	1631	433242
10	1	54.7	16	-	-	605450
11	3	90.1	16	1286	1332	71771
12	1	54.6	16	-	-	242969
13	3	92.3	16	1619	1232	412259
14	3	96.2	16	1247	1804	582252
15	1	52.7	16	-	-	51074
16	2	67.5	16	1210	-	221540
17	1	55.5	16	-	-	392610
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5.51			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	76.1	13	1173	-	581667
2	1	55.5	13	-	-	790210
3	3	83.4	13	1882	1172	141186
4	1	50.3	13	-	-	349344
5	3	83.8	13	1041	1810	554870
6	1	53.2	13	-	-	764118
7	2	76.4	13	1338	-	115938
8	3	99.8	13	1898	1538	322446
9	3	83.8	13	1700	1459	529208
10	1	54.6	13	-	-	739067
11	1	58.8	13	-	-	90611
12	2	74.5	13	1420	-	297460
13	2	73.2	13	1119	-	504925
14	2	80.4	13	1623	-	712056
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5.51			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	76.1	13	1173	-	581667
2	1	55.5	13	-	-	790210
3	3	83.4	13	1882	1172	141186
4	1	50.3	13	-	-	349344
5	3	83.8	13	1041	1810	554870
6	1	53.2	13	-	-	764118
7	2	76.4	13	1338	-	115938
8	3	99.8	13	1898	1538	322446
9	3	83.8	13	1700	1459	529208
10	1	54.6	13	-	-	739067
11	1	58.8	13	-	-	90611
12	2	74.5	13	1420	-	297460
13	2	73.2	13	1119	-	504925
14	2	80.4	13	1623	-	712056
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5.51			Yes
Burst	Number of Pulses	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	20	1276	-	45424
2	2	70.8	20	1299	-	190224
3	1	51.5	20	-	-	335845
4	2	77.2	20	1525	-	479878
5	2	69.7	20	1505	-	27521
6	1	50.9	20	-	-	172764
7	1	57.3	20	-	-	318112
8	2	68.7	20	1167	-	462537
9	3	97.4	20	1005	1567	9690
10	3	89.8	20	1589	1126	154263
11	3	93.2	20	1474	1752	298248
12	3	93.8	20	1802	1127	442725
13	1	51.9	20	-	-	590464
14	1	58.3	20	-	-	137044
15	1	52.3	20	-	-	282152
16	1	57.9	20	-	-	427190
17	2	70.3	20	1098	-	571715
18	2	71.7	20	1870	-	118787
19	2	81.9	20	1847	-	263681
20	1	58.7	20	-	-	409611

Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5.51			Yes
Burst	Number of Pulses	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	66.1	19	-	-	583694
2	3	90.6	19	1336	1516	106172
3	2	69.3	19	1482	-	258695
4	2	67.2	19	1256	-	411245
5	2	71.7	19	1868	-	563224
6	3	87.9	19	1542	1904	87221
7	3	84.4	19	1742	1144	239333
8	2	79.1	19	1092	-	392410
9	3	91.8	19	1901	1900	542902
10	1	62.8	19	-	-	68903
11	2	68	19	1056	-	221347
12	3	94.8	19	1074	1858	372793
13	1	57.2	19	-	-	527304
14	3	88.6	19	1467	1470	49893
15	2	69.3	19	1038	-	202662
16	1	61.8	19	-	-	355579
17	1	53.9	19	-	-	508274
18	3	90.7	19	1790	1472	31157
19	1	63.3	19	-	-	183963
20	0	0	0	0	0	0

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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5.495985			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	57.1	13	-	-	457788
2	3	88.6	13	1478	1748	662901
3	1	57.4	13	-	-	16943
4	1	58.1	13	-	-	224587
5	3	93.6	13	1944	1551	430438
6	1	57.1	13	-	-	639430
7	3	90.1	13	1684	1598	844222
8	1	51.3	13	-	-	198801
9	2	68	13	1259	-	405912
10	3	97.5	13	1510	1076	612240
11	2	75.9	13	1897	-	820000
12	3	84.4	13	1497	1941	172656
13	3	87.2	13	1995	1164	379452
14	3	92.6	13	1452	1826	586089
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5.498385			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	64.4	19	-	-	585702
2	1	64.2	19	-	-	108856
3	2	78.5	19	1486	-	261159
4	1	51.5	19	-	-	414177
5	3	84.3	19	1615	1980	563797
6	1	55.4	19	-	-	89947
7	2	81.9	19	1949	-	242093
8	1	66.6	19	-	-	395797
9	2	78.2	19	1966	-	546605
10	2	77	19	1522	-	70989
11	3	84.5	19	1015	1353	223007
12	2	71.8	19	1939	-	375425
13	3	98.4	19	1423	1104	527270
14	3	86.5	19	1179	1411	52120
15	1	63.4	19	-	-	205174
16	3	89.1	19	1085	1891	356487
17	3	90.5	19	1878	1268	508283
18	1	54	19	-	-	33532
19	2	79.6	19	1111	-	186117
20	0	0	0	0	0	0

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Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5.498785			Yes
Burst	Number of Pulses	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	58.3	20	-	-	322015
2	2	74.8	20	1807	-	466251
3	2	70.2	20	1088	-	13941
4	1	58.7	20	-	-	159203
5	2	82.4	20	1217	-	303741
6	2	75.8	20	1401	-	448364
7	1	60	20	-	-	594527
8	2	81.6	20	1768	-	140710
9	3	86.6	20	1764	1746	284486
10	1	66.4	20	-	-	431898
11	2	81.7	20	1359	-	575633
12	1	65.8	20	-	-	123303
13	2	78.5	20	1254	-	267859
14	2	80.9	20	1241	-	413065
15	1	52.2	20	-	-	558390
16	3	92.8	20	1979	1549	104837
17	2	74.4	20	1381	-	249848
18	3	90.8	20	1943	1146	393949
19	1	60.3	20	-	-	541373
20	2	69.6	20	1846	-	87260

Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5.494785			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	85.2	10	1713	1369	387203
2	2	81.5	10	1984	-	629324
3	3	90.6	10	1982	1324	869427
4	1	60.3	10	-	-	116349
5	2	80.4	10	1344	-	357966
6	2	73.7	10	1243	-	599709
7	2	71.8	10	1433	-	841792
8	1	58.8	10	-	-	86528
9	1	53.5	10	-	-	328658
10	3	88	10	1409	1829	568692
11	2	78.9	10	1484	-	811572
12	1	56.9	10	-	-	56645
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5.495985			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	71.8	13	1377	-	255683
2	1	54.7	13	-	-	463781
3	2	78.8	13	1801	-	669927
4	2	67.8	13	1526	-	22959
5	3	94.3	13	1422	1580	229715
6	1	55.4	13	-	-	438157
7	3	96.1	13	1650	1113	643285
8	2	75.7	13	1571	-	851143
9	2	74.3	13	1864	-	204491
10	2	73.8	13	1489	-	411522
11	3	95.3	13	1275	1295	618267
12	1	50.1	13	-	-	827152
13	3	96.5	13	1694	1508	178741
14	1	61.1	13	-	-	386928
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5.493585			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	55.9	7	-	-	925395
2	3	91	7	1857	1059	1245282
3	3	96.2	7	1931	1907	238760
4	3	93.8	7	1751	1830	560834
5	3	89	7	1667	1640	883122
6	3	98.4	7	1037	1141	1206731
7	2	80.1	7	1919	-	199338
8	3	84.5	7	1337	1799	521310
9	3	94.5	7	1786	1462	843294
10	0	0	0	0	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5.498385			Yes
Burst	Number of Pulses	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	19	1417	-	523592
2	3	84.3	19	1350	1918	71444
3	1	59.9	19	-	-	216967
4	2	78.3	19	1046	-	361519
5	1	58.7	19	-	-	507708
6	1	54	19	-	-	53932
7	1	51.1	19	-	-	199271
8	2	78.1	19	1881	-	343376
9	3	98.6	19	1211	1114	487176
10	3	87.5	19	1834	1205	35904
11	2	74.7	19	1896	-	180588
12	3	94.1	19	1225	1534	324907
13	2	73.8	19	1368	-	470696
14	1	52	19	-	-	18193
15	3	84.5	19	1747	1726	162424
16	3	98.6	19	1836	1197	306908
17	2	68.9	19	1392	-	452609
18	3	94.7	19	1814	1543	316
19	3	84.7	19	1707	1927	144470
20	3	95.4	19	1719	1449	289311

Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5.496785			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	61.3	15	-	-	544874
2	3	86.2	15	1009	1457	724374
3	3	90.4	15	1335	1803	158996
4	1	63.8	15	-	-	340988
5	2	69.3	15	1153	-	521719
6	2	67.7	15	1644	-	702951
7	2	80.9	15	1722	-	136878
8	1	62.7	15	-	-	318680
9	1	59.8	15	-	-	500506
10	3	99	15	1354	1181	679515
11	2	80.6	15	1653	-	114551
12	2	76.9	15	1520	-	295872
13	3	87.4	15	1785	1645	475910
14	1	60.3	15	-	-	659492
15	1	51.9	15	-	-	92544
16	3	83.6	15	1228	1123	273175
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5.493985			Yes
Burst	Number of Pulses	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	84.4	8	1835.000	1463.000	661051
2	2	77.1	8	1110.000	-	925945
3	3	87.4	8	1485.000	1942.000	101789
4	2	71.7	8	1963.000	-	365580
5	2	73.1	8	1064.000	-	630093
6	3	95.8	8	1564.000	1386.000	892079
7	3	96.8	8	1118.000	1356.000	69348
8	1	62.6	8	-	-	333773
9	2	71.8	8	1048.000	-	597317
10	2	67.1	8	1710.000	-	860960
11	2	82.2	8	1186.000	-	36934
12	0	0	0	0.000	0.000	0
13	0	0	0	0.000	0.000	0
14	0	0	0	0.000	0.000	0
15	0	0	0	0.000	0.000	0
16	0	0	0	0.000	0.000	0
17	0	0	0	0.000	0.000	0
18	0	0	0	0.000	0.000	0
19	0	0	0	0.000	0.000	0
20	0	0	0	0.000	0.000	0

Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5.492785			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	88.9	5	1832	1429	413318
2	1	61.7	5	-	-	777589
3	3	95.3	5	1373	1794	1138425
4	2	70.1	5	1448	-	6087
5	1	53.6	5	-	-	369546
6	3	95.5	5	1279	1039	731620
7	3	89.2	5	1450	1407	1094465
8	2	83.1	5	1107	-	1458944
9	0	0	0	0	0	0
10	0	0	0	0	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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

Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5.522015			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	90.7	18	1911	1512	143486
2	3	93.9	18	1558	1617	303975
3	3	96.1	18	1815	1443	464789
4	1	59	18	-	-	628008
5	3	91	18	1398	1274	123854
6	2	73.1	18	1360	-	285178
7	3	88.5	18	1213	1175	445280
8	2	68.3	18	1914	-	606464
9	3	99.7	18	1876	1082	103979
10	1	56.8	18	-	-	265926
11	3	97.9	18	1578	1890	424967
12	1	56.7	18	-	-	588802
13	1	63.4	18	-	-	84540
14	1	50	18	-	-	245828
15	1	50.8	18	-	-	407352
16	1	64.1	18	-	-	568926
17	3	91.8	18	1715	1594	64367
18	1	57.3	18	-	-	226130
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5.522415			Yes
Burst	Number of Pulses	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	62.9	17	-	-	410427
2	2	72.3	17	1922	-	579546
3	1	65.6	17	-	-	47467
4	3	89.5	17	1616	1771	217286
5	2	77.8	17	1072	-	388651
6	3	92.1	17	1953	1579	557451
7	1	52.2	17	-	-	26385
8	3	85.5	17	1770	1292	196378
9	3	92	17	1058	1955	366389
10	1	51	17	-	-	538880
11	1	64.5	17	-	-	5359
12	2	78.9	17	1405	-	175916
13	2	77	17	1091	-	346261
14	2	81.4	17	1242	-	517070
15	3	98.2	17	1956	1124	685534
16	2	77.2	17	1915	-	154836
17	1	61.3	17	-	-	325857
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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

Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5.522415			
Burst	Number of Pulses	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	89.7	17	1430	1781	466902
2	3	88.3	17	1185	1577	627999
3	2	68.1	17	1121	-	126448
4	3	96.4	17	1340	1998	286548
5	3	98.6	17	1983	1737	446718
6	3	84.6	17	1766	1464	607279
7	2	77.5	17	1180	-	106647
8	3	97.1	17	1183	1155	267291
9	1	55.7	17	-	-	429189
10	2	73.9	17	1724	-	588858
11	1	60.3	17	-	-	86866
12	2	68.8	17	1673	-	247591
13	3	88.9	17	1586	1902	407129
14	1	60.8	17	-	-	570863
15	2	81.1	17	1065	-	66918
16	2	78.3	17	1461	-	227731
17	3	96.3	17	1621	1024	388015
18	2	82.5	17	1378	-	549733
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5.521215			
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	66.9	20	1609	-	42291
2	2	67.5	20	1514	-	187005
3	1	51.1	20	-	-	332904
4	1	66.1	20	-	-	478036
5	1	54	20	-	-	24563
6	1	56.7	20	-	-	169613
7	1	55.4	20	-	-	315021
8	2	81.2	20	1006	-	459476
9	3	87.5	20	1044	1415	6635
10	1	53.7	20	-	-	151822
11	2	70.8	20	1077	-	296279
12	2	79.9	20	1298	-	440844
13	1	66.4	20	-	-	586909
14	1	58.5	20	-	-	133912
15	3	86.2	20	1819	1745	277267
16	3	88.8	20	1079	1036	423050
17	1	61.1	20	-	-	569516
18	2	75.9	20	1573	-	115704
19	2	73.6	20	1809	-	260466
20	1	61	20	-	-	406351

DFS Radar Parameters
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Channel 102 Bandwidth 40MHz

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5.526015			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	64.3	8	-	-	1104439
2	3	87.7	8	1129	1428	196152
3	3	88.1	8	1584	1540	486036
4	3	92.4	8	1805	1519	775705
5	2	72	8	1307	-	1067530
6	2	68.1	8	1588	-	160615
7	3	91.9	8	1444	1069	450630
8	2	66.7	8	1661	-	741254
9	1	53.1	8	-	-	1033251
10	3	90.2	8	1418	1313	124713
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5.522815			Yes
Burst	Number of Pulses	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	83.4	16	1888	1753	243074
2	1	50.5	16	-	-	414879
3	2	80.8	16	1777	-	584766
4	3	99	16	1668	1779	52170
5	2	81.3	16	1720	-	222791
6	1	59.7	16	-	-	393948
7	1	60.1	16	-	-	565079
8	2	73.6	16	1740	-	31324
9	3	84.3	16	1806	1791	201302
10	1	61.3	16	-	-	373316
11	3	90.9	16	1813	1523	541253
12	2	67.4	16	1743	-	10310
13	3	97.1	16	1641	1479	180473
14	2	73.8	16	1196	-	351434
15	2	76.3	16	1976	-	521044
16	2	75.9	16	1693	-	692074
17	1	57.4	16	-	-	160174
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5.525615			Yes
Burst	Number of Pulses	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	51.8	9	-	-	511828
2	2	82.6	9	1475	-	775353
3	1	50.1	9	-	-	1040642
4	3	99.7	9	1975	1227	214473
5	1	55.2	9	-	-	479305
6	1	54.6	9	-	-	743420
7	3	85.3	9	1229	1068	1005226
8	2	68.1	9	1970	-	182237
9	2	79.2	9	1996	-	446081
10	2	79.4	9	1339	-	709845
11	1	58.8	9	-	-	975424
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5.525215			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	94.1	10	1978	1860	137041
2	3	85.9	10	1792	1842	378349
3	1	64.8	10	-	-	621529
4	3	88.8	10	1257	1366	862023
5	2	78	10	1073	-	107582
6	3	97.4	10	1565	1404	348834
7	2	70.3	10	1240	-	591436
8	2	70.2	10	1100	-	833075
9	3	99.1	10	1903	1013	77635
10	2	67.5	10	1493	-	319604
11	2	77.2	10	1866	-	561183
12	2	76.5	10	1156	-	803433
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5.527215			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	78.6	5	1660	-	72004
2	3	87.5	5	1971	1639	434311
3	3	91.7	5	1361	1018	797669
4	1	62.2	5	-	-	1162228
5	2	70.1	5	1099	-	27278
6	3	97	5	1236	1626	389903
7	3	90.6	5	1152	1267	752783
8	1	64.2	5	-	-	1117835
9	0	0	0	0	0	0
10	0	0	0	0	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5.523615			Yes
Burst	Number of Pulses	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	14	-	-	789659
2	3	96.1	14	1593	1502	183582
3	1	60.6	14	-	-	377951
4	3	90.1	14	1961	1709	569021
5	3	84.2	14	1590	1689	761783
6	1	53	14	-	-	160476
7	3	90.6	14	1288	1632	352678
8	2	78.2	14	1014	-	547268
9	3	95.9	14	1845	1825	737891
10	3	95.6	14	1112	1349	136190
11	2	80.8	14	1627	-	329476
12	1	52.1	14	-	-	523830
13	2	80.3	14	1986	-	715582
14	1	51.3	14	-	-	112788
15	2	79.6	14	1853	-	305862
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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	15	1253.13	798	Yes
2	5	1672.24	598	Yes
3	2	1858.74	538	Yes
4	13	1319.26	758	Yes
5	21	1089.32	918	Yes
6	7	1567.40	638	Yes
7	17	1193.32	838	Yes
8	19	1138.95	878	Yes
9	6	1618.12	618	Yes
10	3	1792.11	558	Yes
11	4	1730.10	578	Yes
12	1	1930.50	518	Yes
13	10	1432.66	698	Yes
14	12	1355.01	738	Yes
15	8	1519.76	658	Yes
16		414.59	2412	Yes
17		382.70	2613	Yes
18		872.60	1146	Yes
19		716.85	1395	Yes
20		353.48	2829	Yes
21		471.25	2122	Yes
22		494.80	2021	Yes
23		579.04	1727	Yes
24		864.30	1157	Yes
25		1257.86	795	Yes
26		900.90	1110	Yes
27		1237.62	808	Yes
28		998.00	1002	Yes
29		622.67	1606	Yes
30		1112.35	899	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	3.80	158	Yes
2	27	3.50	208	Yes
3	24	2.00	181	Yes
4	26	3.00	212	Yes
5	25	2.10	179	Yes
6	27	3.80	223	Yes
7	27	3.50	164	Yes
8	26	3.10	199	Yes
9	29	5.00	192	Yes
10	29	4.70	203	Yes
11	26	3.10	156	Yes
12	29	4.70	213	Yes
13	29	5.00	161	Yes
14	25	2.30	173	Yes
15	26	3.00	182	Yes
16	23	1.50	167	Yes
17	29	4.70	168	Yes
18	27	3.60	189	Yes
19	24	2.00	178	Yes
20	23	1.00	159	Yes
21	28	4.30	184	Yes
22	28	4.10	222	Yes
23	28	4.10	186	Yes
24	29	4.90	225	Yes
25	24	1.80	202	Yes
26	28	4.00	193	Yes
27	24	2.00	183	Yes
28	25	2.30	228	Yes
29	23	1.20	157	Yes
30	27	3.40	207	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	18	8.80	208	Yes
2	17	8.50	477	Yes
3	16	7.00	441	Yes
4	17	8.00	357	Yes
5	16	7.10	243	Yes
6	18	8.80	282	Yes
7	17	8.50	364	Yes
8	17	8.10	231	Yes
9	18	10.00	395	Yes
10	18	9.70	458	Yes
11	17	8.10	399	Yes
12	18	9.70	490	Yes
13	18	10.00	381	Yes
14	17	7.30	411	Yes
15	17	8.00	368	Yes
16	16	6.50	347	Yes
17	18	9.70	259	Yes
18	17	8.60	328	Yes
19	16	7.00	232	Yes
20	16	6.00	242	Yes
21	18	9.30	380	Yes
22	18	9.10	354	Yes
23	18	9.10	460	Yes
24	18	9.90	396	Yes
25	16	6.80	337	Yes
26	18	9.00	500	Yes
27	16	7.00	348	Yes
28	16	7.30	459	Yes
29	16	6.20	349	Yes
30	17	8.40	247	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	15	17.30	208	Yes
2	15	16.70	477	Yes
3	13	13.20	441	Yes
4	14	15.40	357	Yes
5	13	13.60	243	Yes
6	15	17.40	282	Yes
7	15	16.70	364	Yes
8	14	15.70	231	Yes
9	16	19.90	395	Yes
10	16	19.30	458	Yes
11	14	15.70	399	Yes
12	16	19.30	490	Yes
13	16	20.00	381	Yes
14	13	14.00	411	Yes
15	14	15.50	368	Yes
16	12	12.20	347	Yes
17	16	19.40	259	Yes
18	15	16.80	328	Yes
19	13	13.20	232	Yes
20	12	11.00	242	Yes
21	16	18.50	380	Yes
22	15	17.80	354	Yes
23	15	18.00	460	Yes
24	16	19.80	396	Yes
25	12	12.80	337	Yes
26	15	17.60	500	Yes
27	13	13.30	348	Yes
28	13	13.90	459	Yes
29	12	11.40	349	Yes
30	15	16.50	247	Yes

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5.53			
Burst	Number of Pulses	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	16	1265	1499	661501
2	2	81.4	16	1683	-	129964
3	1	62.3	16	-	-	300923
4	2	74.4	16	1727	-	470708
5	1	64.6	16	-	-	642865
6	3	85.4	16	1435	1102	108774
7	2	81.7	16	1659	-	279336
8	2	76.2	16	1917	-	449559
9	3	99.3	16	1294	1952	618440
10	3	96.1	16	1466	1066	87803
11	2	76.2	16	1500	-	258396
12	3	95.8	16	1023	1312	428611
13	3	99.8	16	1509	1439	598267
14	2	67	16	1699	-	66974
15	2	75.2	16	1820	-	237272
16	1	57	16	-	-	409067
17	3	96.2	16	1643	1954	576996
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5.53			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	82.4	15	1765	-	48805
2	1	62.4	15	-	-	230453
3	1	50.4	15	-	-	412074
4	3	91.3	15	1932	1940	590086
5	3	87.8	15	1367	1875	26455
6	3	88.6	15	1923	1308	207235
7	3	98.8	15	1783	1610	387708
8	1	59.9	15	-	-	571239
9	3	86.8	15	1920	1252	4210
10	1	62.7	15	-	-	185850
11	1	66.4	15	-	-	367094
12	1	52.6	15	-	-	548807
13	2	80.3	15	1218	-	729462
14	1	63.4	15	-	-	163407
15	1	65.3	15	-	-	344962
16	3	84	15	1912	1539	523858
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5.53			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	63.6	8	-	-	1030445
2	2	72.7	8	1370	-	204926
3	1	60.3	8	-	-	469519
4	3	90.5	8	1067	1670	731937
5	3	83.8	8	1412	1658	995056
6	1	58.2	8	-	-	172701
7	3	91.6	8	1131	1341	435819
8	1	53.6	8	-	-	701377
9	1	56.2	8	-	-	965776
10	2	74.4	8	1910	-	139923
11	1	50.4	8	-	-	404433
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5.53			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	94	12	1812	1266	523323
2	2	69.9	12	1642	-	731488
3	2	82.1	12	1075	-	84443
4	2	70.4	12	1202	-	291580
5	2	70.3	12	1859	-	498471
6	3	100	12	1396	1317	705097
7	1	62.7	12	-	-	58965
8	1	57.9	12	-	-	266551
9	2	74.1	12	1624	-	473139
10	2	73.2	12	1250	-	680723
11	3	84.8	12	1255	1093	33309
12	3	97.2	12	1379	1795	240098
13	3	92.8	12	1822	1388	446972
14	1	63.6	12	-	-	656266
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5.53			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	64.5	9	-	-	10009
2	2	77.9	9	1389	-	273902
3	2	72.6	9	1207	-	537911
4	1	65.2	9	-	-	802466
5	2	73.6	9	1958	-	1064468
6	2	69	9	1867	-	241236
7	2	82.7	9	1476	-	505414
8	1	60.9	9	-	-	770303
9	1	61.8	9	-	-	1034136
10	3	86.2	9	1861	1828	208361
11	3	94.3	9	1264	1885	471831
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5.53			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	64.8	16	-	-	477114
2	1	66.6	16	-	-	647538
3	1	62.4	16	-	-	114243
4	2	74.1	16	1393	-	284644
5	2	70.8	16	1055	-	455275
6	3	96.8	16	1837	1382	624010
7	3	85	16	1731	1214	92788
8	1	63.3	16	-	-	263855
9	3	88.2	16	1136	1631	433242
10	1	54.7	16	-	-	605450
11	3	90.1	16	1286	1332	71771
12	1	54.6	16	-	-	242969
13	3	92.3	16	1619	1232	412259
14	3	96.2	16	1247	1804	582252
15	1	52.7	16	-	-	51074
16	2	67.5	16	1210	-	221540
17	1	55.5	16	-	-	392610
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5.53			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	76.1	13	1173	-	581667
2	1	55.5	13	-	-	790210
3	3	83.4	13	1882	1172	141186
4	1	50.3	13	-	-	349344
5	3	83.8	13	1041	1810	554870
6	1	53.2	13	-	-	764118
7	2	76.4	13	1338	-	115938
8	3	99.8	13	1898	1538	322446
9	3	83.8	13	1700	1459	529208
10	1	54.6	13	-	-	739067
11	1	58.8	13	-	-	90611
12	2	74.5	13	1420	-	297460
13	2	73.2	13	1119	-	504925
14	2	80.4	13	1623	-	712056
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5.53			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	76.1	13	1173	-	581667
2	1	55.5	13	-	-	790210
3	3	83.4	13	1882	1172	141186
4	1	50.3	13	-	-	349344
5	3	83.8	13	1041	1810	554870
6	1	53.2	13	-	-	764118
7	2	76.4	13	1338	-	115938
8	3	99.8	13	1898	1538	322446
9	3	83.8	13	1700	1459	529208
10	1	54.6	13	-	-	739067
11	1	58.8	13	-	-	90611
12	2	74.5	13	1420	-	297460
13	2	73.2	13	1119	-	504925
14	2	80.4	13	1623	-	712056
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5.53			Yes
Burst	Number of Pulses	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	20	1276	-	45424
2	2	70.8	20	1299	-	190224
3	1	51.5	20	-	-	335845
4	2	77.2	20	1525	-	479878
5	2	69.7	20	1505	-	27521
6	1	50.9	20	-	-	172764
7	1	57.3	20	-	-	318112
8	2	68.7	20	1167	-	462537
9	3	97.4	20	1005	1567	9690
10	3	89.8	20	1589	1126	154263
11	3	93.2	20	1474	1752	298248
12	3	93.8	20	1802	1127	442725
13	1	51.9	20	-	-	590464
14	1	58.3	20	-	-	137044
15	1	52.3	20	-	-	282152
16	1	57.9	20	-	-	427190
17	2	70.3	20	1098	-	571715
18	2	71.7	20	1870	-	118787
19	2	81.9	20	1847	-	263681
20	1	58.7	20	-	-	409611

Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5.53			Yes
Burst	Number of Pulses	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	66.1	19	-	-	583694
2	3	90.6	19	1336	1516	106172
3	2	69.3	19	1482	-	258695
4	2	67.2	19	1256	-	411245
5	2	71.7	19	1868	-	563224
6	3	87.9	19	1542	1904	87221
7	3	84.4	19	1742	1144	239333
8	2	79.1	19	1092	-	392410
9	3	91.8	19	1901	1900	542902
10	1	62.8	19	-	-	68903
11	2	68	19	1056	-	221347
12	3	94.8	19	1074	1858	372793
13	1	57.2	19	-	-	527304
14	3	88.6	19	1467	1470	49893
15	2	69.3	19	1038	-	202662
16	1	61.8	19	-	-	355579
17	1	53.9	19	-	-	508274
18	3	90.7	19	1790	1472	31157
19	1	63.3	19	-	-	183963
20	0	0	0	0	0	0

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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5.496175			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	57.1	13	-	-	457788
2	3	88.6	13	1478	1748	662901
3	1	57.4	13	-	-	16943
4	1	58.1	13	-	-	224587
5	3	93.6	13	1944	1551	430438
6	1	57.1	13	-	-	639430
7	3	90.1	13	1684	1598	844222
8	1	51.3	13	-	-	198801
9	2	68	13	1259	-	405912
10	3	97.5	13	1510	1076	612240
11	2	75.9	13	1897	-	820000
12	3	84.4	13	1497	1941	172656
13	3	87.2	13	1995	1164	379452
14	3	92.6	13	1452	1826	586089
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5.498575			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	64.4	19	-	-	585702
2	1	64.2	19	-	-	108856
3	2	78.5	19	1486	-	261159
4	1	51.5	19	-	-	414177
5	3	84.3	19	1615	1980	563797
6	1	55.4	19	-	-	89947
7	2	81.9	19	1949	-	242093
8	1	66.6	19	-	-	395797
9	2	78.2	19	1966	-	546605
10	2	77	19	1522	-	70989
11	3	84.5	19	1015	1353	223007
12	2	71.8	19	1939	-	375425
13	3	98.4	19	1423	1104	527270
14	3	86.5	19	1179	1411	52120
15	1	63.4	19	-	-	205174
16	3	89.1	19	1085	1891	356487
17	3	90.5	19	1878	1268	508283
18	1	54	19	-	-	33532
19	2	79.6	19	1111	-	186117
20	0	0	0	0	0	0

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Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5.498975			Yes
Burst	Number of Pulses	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	58.3	20	-	-	322015
2	2	74.8	20	1807	-	466251
3	2	70.2	20	1088	-	13941
4	1	58.7	20	-	-	159203
5	2	82.4	20	1217	-	303741
6	2	75.8	20	1401	-	448364
7	1	60	20	-	-	594527
8	2	81.6	20	1768	-	140710
9	3	86.6	20	1764	1746	284486
10	1	66.4	20	-	-	431898
11	2	81.7	20	1359	-	575633
12	1	65.8	20	-	-	123303
13	2	78.5	20	1254	-	267859
14	2	80.9	20	1241	-	413065
15	1	52.2	20	-	-	558390
16	3	92.8	20	1979	1549	104837
17	2	74.4	20	1381	-	249848
18	3	90.8	20	1943	1146	393949
19	1	60.3	20	-	-	541373
20	2	69.6	20	1846	-	87260

Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5.494975			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	85.2	10	1713	1369	387203
2	2	81.5	10	1984	-	629324
3	3	90.6	10	1982	1324	869427
4	1	60.3	10	-	-	116349
5	2	80.4	10	1344	-	357966
6	2	73.7	10	1243	-	599709
7	2	71.8	10	1433	-	841792
8	1	58.8	10	-	-	86528
9	1	53.5	10	-	-	328658
10	3	88	10	1409	1829	568692
11	2	78.9	10	1484	-	811572
12	1	56.9	10	-	-	56645
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5.496175			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	71.8	13	1377	-	255683
2	1	54.7	13	-	-	463781
3	2	78.8	13	1801	-	669927
4	2	67.8	13	1526	-	22959
5	3	94.3	13	1422	1580	229715
6	1	55.4	13	-	-	438157
7	3	96.1	13	1650	1113	643285
8	2	75.7	13	1571	-	851143
9	2	74.3	13	1864	-	204491
10	2	73.8	13	1489	-	411522
11	3	95.3	13	1275	1295	618267
12	1	50.1	13	-	-	827152
13	3	96.5	13	1694	1508	178741
14	1	61.1	13	-	-	386928
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5.493775			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	55.9	7	-	-	925395
2	3	91	7	1857	1059	1245282
3	3	96.2	7	1931	1907	238760
4	3	93.8	7	1751	1830	560834
5	3	89	7	1667	1640	883122
6	3	98.4	7	1037	1141	1206731
7	2	80.1	7	1919	-	199338
8	3	84.5	7	1337	1799	521310
9	3	94.5	7	1786	1462	843294
10	0	0	0	0	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5.498575			Yes
Burst	Number of Pulses	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	19	1417	-	523592
2	3	84.3	19	1350	1918	71444
3	1	59.9	19	-	-	216967
4	2	78.3	19	1046	-	361519
5	1	58.7	19	-	-	507708
6	1	54	19	-	-	53932
7	1	51.1	19	-	-	199271
8	2	78.1	19	1881	-	343376
9	3	98.6	19	1211	1114	487176
10	3	87.5	19	1834	1205	35904
11	2	74.7	19	1896	-	180588
12	3	94.1	19	1225	1534	324907
13	2	73.8	19	1368	-	470696
14	1	52	19	-	-	18193
15	3	84.5	19	1747	1726	162424
16	3	98.6	19	1836	1197	306908
17	2	68.9	19	1392	-	452609
18	3	94.7	19	1814	1543	316
19	3	84.7	19	1707	1927	144470
20	3	95.4	19	1719	1449	289311

Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5.496975			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	61.3	15	-	-	544874
2	3	86.2	15	1009	1457	724374
3	3	90.4	15	1335	1803	158996
4	1	63.8	15	-	-	340988
5	2	69.3	15	1153	-	521719
6	2	67.7	15	1644	-	702951
7	2	80.9	15	1722	-	136878
8	1	62.7	15	-	-	318680
9	1	59.8	15	-	-	500506
10	3	99	15	1354	1181	679515
11	2	80.6	15	1653	-	114551
12	2	76.9	15	1520	-	295872
13	3	87.4	15	1785	1645	475910
14	1	60.3	15	-	-	659492
15	1	51.9	15	-	-	92544
16	3	83.6	15	1228	1123	273175
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5.494175			Yes
Burst	Number of Pulses	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	84.4	8	1835.000	1463.000	661051
2	2	77.1	8	1110.000	-	925945
3	3	87.4	8	1485.000	1942.000	101789
4	2	71.7	8	1963.000	-	365580
5	2	73.1	8	1064.000	-	630093
6	3	95.8	8	1564.000	1386.000	892079
7	3	96.8	8	1118.000	1356.000	69348
8	1	62.6	8	-	-	333773
9	2	71.8	8	1048.000	-	597317
10	2	67.1	8	1710.000	-	860960
11	2	82.2	8	1186.000	-	36934
12	0	0	0	0.000	0.000	0
13	0	0	0	0.000	0.000	0
14	0	0	0	0.000	0.000	0
15	0	0	0	0.000	0.000	0
16	0	0	0	0.000	0.000	0
17	0	0	0	0.000	0.000	0
18	0	0	0	0.000	0.000	0
19	0	0	0	0.000	0.000	0
20	0	0	0	0.000	0.000	0

Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5.492975			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	88.9	5	1832	1429	413318
2	1	61.7	5	-	-	777589
3	3	95.3	5	1373	1794	1138425
4	2	70.1	5	1448	-	6087
5	1	53.6	5	-	-	369546
6	3	95.5	5	1279	1039	731620
7	3	89.2	5	1450	1407	1094465
8	2	83.1	5	1107	-	1458944
9	0	0	0	0	0	0
10	0	0	0	0	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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

Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5.561825			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	90.7	18	1911	1512	143486
2	3	93.9	18	1558	1617	303975
3	3	96.1	18	1815	1443	464789
4	1	59	18	-	-	628008
5	3	91	18	1398	1274	123854
6	2	73.1	18	1360	-	285178
7	3	88.5	18	1213	1175	445280
8	2	68.3	18	1914	-	606464
9	3	99.7	18	1876	1082	103979
10	1	56.8	18	-	-	265926
11	3	97.9	18	1578	1890	424967
12	1	56.7	18	-	-	588802
13	1	63.4	18	-	-	84540
14	1	50	18	-	-	245828
15	1	50.8	18	-	-	407352
16	1	64.1	18	-	-	568926
17	3	91.8	18	1715	1594	64367
18	1	57.3	18	-	-	226130
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5.562225			Yes
Burst	Number of Pulses	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	62.9	17	-	-	410427
2	2	72.3	17	1922	-	579546
3	1	65.6	17	-	-	47467
4	3	89.5	17	1616	1771	217286
5	2	77.8	17	1072	-	388651
6	3	92.1	17	1953	1579	557451
7	1	52.2	17	-	-	26385
8	3	85.5	17	1770	1292	196378
9	3	92	17	1058	1955	366389
10	1	51	17	-	-	538880
11	1	64.5	17	-	-	5359
12	2	78.9	17	1405	-	175916
13	2	77	17	1091	-	346261
14	2	81.4	17	1242	-	517070
15	3	98.2	17	1956	1124	685534
16	2	77.2	17	1915	-	154836
17	1	61.3	17	-	-	325857
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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

Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5.562225			Yes
Burst	Number of Pulses	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	89.7	17	1430	1781	466902
2	3	88.3	17	1185	1577	627999
3	2	68.1	17	1121	-	126448
4	3	96.4	17	1340	1998	286548
5	3	98.6	17	1983	1737	446718
6	3	84.6	17	1766	1464	607279
7	2	77.5	17	1180	-	106647
8	3	97.1	17	1183	1155	267291
9	1	55.7	17	-	-	429189
10	2	73.9	17	1724	-	588858
11	1	60.3	17	-	-	86866
12	2	68.8	17	1673	-	247591
13	3	88.9	17	1586	1902	407129
14	1	60.8	17	-	-	570863
15	2	81.1	17	1065	-	66918
16	2	78.3	17	1461	-	227731
17	3	96.3	17	1621	1024	388015
18	2	82.5	17	1378	-	549733
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5.561025			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	66.9	20	1609	-	42291
2	2	67.5	20	1514	-	187005
3	1	51.1	20	-	-	332904
4	1	66.1	20	-	-	478036
5	1	54	20	-	-	24563
6	1	56.7	20	-	-	169613
7	1	55.4	20	-	-	315021
8	2	81.2	20	1006	-	459476
9	3	87.5	20	1044	1415	6635
10	1	53.7	20	-	-	151822
11	2	70.8	20	1077	-	296279
12	2	79.9	20	1298	-	440844
13	1	66.4	20	-	-	586909
14	1	58.5	20	-	-	133912
15	3	86.2	20	1819	1745	277267
16	3	88.8	20	1079	1036	423050
17	1	61.1	20	-	-	569516
18	2	75.9	20	1573	-	115704
19	2	73.6	20	1809	-	260466
20	1	61	20	-	-	406351

DFS Radar Parameters
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Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5.565825			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	64.3	8	-	-	1104439
2	3	87.7	8	1129	1428	196152
3	3	88.1	8	1584	1540	486036
4	3	92.4	8	1805	1519	775705
5	2	72	8	1307	-	1067530
6	2	68.1	8	1588	-	160615
7	3	91.9	8	1444	1069	450630
8	2	66.7	8	1661	-	741254
9	1	53.1	8	-	-	1033251
10	3	90.2	8	1418	1313	124713
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5.562625			Yes
Burst	Number of Pulses	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	83.4	16	1888	1753	243074
2	1	50.5	16	-	-	414879
3	2	80.8	16	1777	-	584766
4	3	99	16	1668	1779	52170
5	2	81.3	16	1720	-	222791
6	1	59.7	16	-	-	393948
7	1	60.1	16	-	-	565079
8	2	73.6	16	1740	-	31324
9	3	84.3	16	1806	1791	201302
10	1	61.3	16	-	-	373316
11	3	90.9	16	1813	1523	541253
12	2	67.4	16	1743	-	10310
13	3	97.1	16	1641	1479	180473
14	2	73.8	16	1196	-	351434
15	2	76.3	16	1976	-	521044
16	2	75.9	16	1693	-	692074
17	1	57.4	16	-	-	160174
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5.565425			Yes
Burst	Number of Pulses	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	51.8	9	-	-	511828
2	2	82.6	9	1475	-	775353
3	1	50.1	9	-	-	1040642
4	3	99.7	9	1975	1227	214473
5	1	55.2	9	-	-	479305
6	1	54.6	9	-	-	743420
7	3	85.3	9	1229	1068	1005226
8	2	68.1	9	1970	-	182237
9	2	79.2	9	1996	-	446081
10	2	79.4	9	1339	-	709845
11	1	58.8	9	-	-	975424
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5.565025			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	94.1	10	1978	1860	137041
2	3	85.9	10	1792	1842	378349
3	1	64.8	10	-	-	621529
4	3	88.8	10	1257	1366	862023
5	2	78	10	1073	-	107582
6	3	97.4	10	1565	1404	348834
7	2	70.3	10	1240	-	591436
8	2	70.2	10	1100	-	833075
9	3	99.1	10	1903	1013	77635
10	2	67.5	10	1493	-	319604
11	2	77.2	10	1866	-	561183
12	2	76.5	10	1156	-	803433
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5.567025			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	78.6	5	1660	-	72004
2	3	87.5	5	1971	1639	434311
3	3	91.7	5	1361	1018	797669
4	1	62.2	5	-	-	1162228
5	2	70.1	5	1099	-	27278
6	3	97	5	1236	1626	389903
7	3	90.6	5	1152	1267	752783
8	1	64.2	5	-	-	1117835
9	0	0	0	0	0	0
10	0	0	0	0	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5.563425			Yes
Burst	Number of Pulses	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	14	-	-	789659
2	3	96.1	14	1593	1502	183582
3	1	60.6	14	-	-	377951
4	3	90.1	14	1961	1709	569021
5	3	84.2	14	1590	1689	761783
6	1	53	14	-	-	160476
7	3	90.6	14	1288	1632	352678
8	2	78.2	14	1014	-	547268
9	3	95.9	14	1845	1825	737891
10	3	95.6	14	1112	1349	136190
11	2	80.8	14	1627	-	329476
12	1	52.1	14	-	-	523830
13	2	80.3	14	1986	-	715582
14	1	51.3	14	-	-	112788
15	2	79.6	14	1853	-	305862
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

DFS Radar Parameters
FCC Radar Type 1
Channel 116 Bandwidth 160MHz

Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	15	1253.13	798	Yes
2	5	1672.24	598	Yes
3	2	1858.74	538	Yes
4	13	1319.26	758	Yes
5	21	1089.32	918	Yes
6	7	1567.40	638	Yes
7	17	1193.32	838	Yes
8	19	1138.95	878	Yes
9	6	1618.12	618	Yes
10	3	1792.11	558	Yes
11	4	1730.10	578	Yes
12	1	1930.50	518	Yes
13	10	1432.66	698	Yes
14	12	1355.01	738	Yes
15	8	1519.76	658	Yes
16		414.59	2412	Yes
17		382.70	2613	Yes
18		872.60	1146	Yes
19		716.85	1395	Yes
20		353.48	2829	Yes
21		471.25	2122	Yes
22		494.80	2021	Yes
23		579.04	1727	Yes
24		864.30	1157	Yes
25		1257.86	795	Yes
26		900.90	1110	Yes
27		1237.62	808	Yes
28		998.00	1002	Yes
29		622.67	1606	Yes
30		1112.35	899	Yes

DFS Radar Parameters
FCC Radar Type 2
Channel 116 Bandwidth 160MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	27	3.80	158	Yes
2	27	3.50	208	Yes
3	24	2.00	181	Yes
4	26	3.00	212	Yes
5	25	2.10	179	Yes
6	27	3.80	223	Yes
7	27	3.50	164	Yes
8	26	3.10	199	Yes
9	29	5.00	192	Yes
10	29	4.70	203	Yes
11	26	3.10	156	Yes
12	29	4.70	213	Yes
13	29	5.00	161	Yes
14	25	2.30	173	Yes
15	26	3.00	182	Yes
16	23	1.50	167	Yes
17	29	4.70	168	Yes
18	27	3.60	189	Yes
19	24	2.00	178	Yes
20	23	1.00	159	Yes
21	28	4.30	184	Yes
22	28	4.10	222	Yes
23	28	4.10	186	Yes
24	29	4.90	225	Yes
25	24	1.80	202	Yes
26	28	4.00	193	Yes
27	24	2.00	183	Yes
28	25	2.30	228	Yes
29	23	1.20	157	Yes
30	27	3.40	207	Yes

DFS Radar Parameters
FCC Radar Type 3
Channel 116 Bandwidth 160MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	18	8.80	208	Yes
2	17	8.50	477	Yes
3	16	7.00	441	Yes
4	17	8.00	357	Yes
5	16	7.10	243	Yes
6	18	8.80	282	Yes
7	17	8.50	364	Yes
8	17	8.10	231	Yes
9	18	10.00	395	Yes
10	18	9.70	458	Yes
11	17	8.10	399	Yes
12	18	9.70	490	Yes
13	18	10.00	381	Yes
14	17	7.30	411	Yes
15	17	8.00	368	Yes
16	16	6.50	347	Yes
17	18	9.70	259	Yes
18	17	8.60	328	Yes
19	16	7.00	232	Yes
20	16	6.00	242	Yes
21	18	9.30	380	Yes
22	18	9.10	354	Yes
23	18	9.10	460	Yes
24	18	9.90	396	Yes
25	16	6.80	337	Yes
26	18	9.00	500	Yes
27	16	7.00	348	Yes
28	16	7.30	459	Yes
29	16	6.20	349	Yes
30	17	8.40	247	Yes

DFS Radar Parameters
FCC Radar Type 4
Channel 116 Bandwidth 160MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	15	17.30	208	Yes
2	15	16.70	477	Yes
3	13	13.20	441	Yes
4	14	15.40	357	Yes
5	13	13.60	243	Yes
6	15	17.40	282	Yes
7	15	16.70	364	Yes
8	14	15.70	231	Yes
9	16	19.90	395	Yes
10	16	19.30	458	Yes
11	14	15.70	399	Yes
12	16	19.30	490	Yes
13	16	20.00	381	Yes
14	13	14.00	411	Yes
15	14	15.50	368	Yes
16	12	12.20	347	Yes
17	16	19.40	259	Yes
18	15	16.80	328	Yes
19	13	13.20	232	Yes
20	12	11.00	242	Yes
21	16	18.50	380	Yes
22	15	17.80	354	Yes
23	15	18.00	460	Yes
24	16	19.80	396	Yes
25	12	12.80	337	Yes
26	15	17.60	500	Yes
27	13	13.30	348	Yes
28	13	13.90	459	Yes
29	12	11.40	349	Yes
30	15	16.50	247	Yes

DFS Radar Parameters
FCC Radar Type 5
Channel 116 Bandwidth 160MHz

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5.57			
Burst	Number of Pulses	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	16	1265	1499	661501
2	2	81.4	16	1683	-	129964
3	1	62.3	16	-	-	300923
4	2	74.4	16	1727	-	470708
5	1	64.6	16	-	-	642865
6	3	85.4	16	1435	1102	108774
7	2	81.7	16	1659	-	279336
8	2	76.2	16	1917	-	449559
9	3	99.3	16	1294	1952	618440
10	3	96.1	16	1466	1066	87803
11	2	76.2	16	1500	-	258396
12	3	95.8	16	1023	1312	428611
13	3	99.8	16	1509	1439	598267
14	2	67	16	1699	-	66974
15	2	75.2	16	1820	-	237272
16	1	57	16	-	-	409067
17	3	96.2	16	1643	1954	576996
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5.57			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	82.4	15	1765	-	48805
2	1	62.4	15	-	-	230453
3	1	50.4	15	-	-	412074
4	3	91.3	15	1932	1940	590086
5	3	87.8	15	1367	1875	26455
6	3	88.6	15	1923	1308	207235
7	3	98.8	15	1783	1610	387708
8	1	59.9	15	-	-	571239
9	3	86.8	15	1920	1252	4210
10	1	62.7	15	-	-	185850
11	1	66.4	15	-	-	367094
12	1	52.6	15	-	-	548807
13	2	80.3	15	1218	-	729462
14	1	63.4	15	-	-	163407
15	1	65.3	15	-	-	344962
16	3	84	15	1912	1539	523858
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5.57			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	63.6	8	-	-	1030445
2	2	72.7	8	1370	-	204926
3	1	60.3	8	-	-	469519
4	3	90.5	8	1067	1670	731937
5	3	83.8	8	1412	1658	995056
6	1	58.2	8	-	-	172701
7	3	91.6	8	1131	1341	435819
8	1	53.6	8	-	-	701377
9	1	56.2	8	-	-	965776
10	2	74.4	8	1910	-	139923
11	1	50.4	8	-	-	404433
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5.57			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	94	12	1812	1266	523323
2	2	69.9	12	1642	-	731488
3	2	82.1	12	1075	-	84443
4	2	70.4	12	1202	-	291580
5	2	70.3	12	1859	-	498471
6	3	100	12	1396	1317	705097
7	1	62.7	12	-	-	58965
8	1	57.9	12	-	-	266551
9	2	74.1	12	1624	-	473139
10	2	73.2	12	1250	-	680723
11	3	84.8	12	1255	1093	33309
12	3	97.2	12	1379	1795	240098
13	3	92.8	12	1822	1388	446972
14	1	63.6	12	-	-	656266
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5.57			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	64.5	9	-	-	10009
2	2	77.9	9	1389	-	273902
3	2	72.6	9	1207	-	537911
4	1	65.2	9	-	-	802466
5	2	73.6	9	1958	-	1064468
6	2	69	9	1867	-	241236
7	2	82.7	9	1476	-	505414
8	1	60.9	9	-	-	770303
9	1	61.8	9	-	-	1034136
10	3	86.2	9	1861	1828	208361
11	3	94.3	9	1264	1885	471831
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5.57			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	64.8	16	-	-	477114
2	1	66.6	16	-	-	647538
3	1	62.4	16	-	-	114243
4	2	74.1	16	1393	-	284644
5	2	70.8	16	1055	-	455275
6	3	96.8	16	1837	1382	624010
7	3	85	16	1731	1214	92788
8	1	63.3	16	-	-	263855
9	3	88.2	16	1136	1631	433242
10	1	54.7	16	-	-	605450
11	3	90.1	16	1286	1332	71771
12	1	54.6	16	-	-	242969
13	3	92.3	16	1619	1232	412259
14	3	96.2	16	1247	1804	582252
15	1	52.7	16	-	-	51074
16	2	67.5	16	1210	-	221540
17	1	55.5	16	-	-	392610
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5.57			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	76.1	13	1173	-	581667
2	1	55.5	13	-	-	790210
3	3	83.4	13	1882	1172	141186
4	1	50.3	13	-	-	349344
5	3	83.8	13	1041	1810	554870
6	1	53.2	13	-	-	764118
7	2	76.4	13	1338	-	115938
8	3	99.8	13	1898	1538	322446
9	3	83.8	13	1700	1459	529208
10	1	54.6	13	-	-	739067
11	1	58.8	13	-	-	90611
12	2	74.5	13	1420	-	297460
13	2	73.2	13	1119	-	504925
14	2	80.4	13	1623	-	712056
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5.57			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	76.1	13	1173	-	581667
2	1	55.5	13	-	-	790210
3	3	83.4	13	1882	1172	141186
4	1	50.3	13	-	-	349344
5	3	83.8	13	1041	1810	554870
6	1	53.2	13	-	-	764118
7	2	76.4	13	1338	-	115938
8	3	99.8	13	1898	1538	322446
9	3	83.8	13	1700	1459	529208
10	1	54.6	13	-	-	739067
11	1	58.8	13	-	-	90611
12	2	74.5	13	1420	-	297460
13	2	73.2	13	1119	-	504925
14	2	80.4	13	1623	-	712056
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5.57			Yes
Burst	Number of Pulses	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	20	1276	-	45424
2	2	70.8	20	1299	-	190224
3	1	51.5	20	-	-	335845
4	2	77.2	20	1525	-	479878
5	2	69.7	20	1505	-	27521
6	1	50.9	20	-	-	172764
7	1	57.3	20	-	-	318112
8	2	68.7	20	1167	-	462537
9	3	97.4	20	1005	1567	9690
10	3	89.8	20	1589	1126	154263
11	3	93.2	20	1474	1752	298248
12	3	93.8	20	1802	1127	442725
13	1	51.9	20	-	-	590464
14	1	58.3	20	-	-	137044
15	1	52.3	20	-	-	282152
16	1	57.9	20	-	-	427190
17	2	70.3	20	1098	-	571715
18	2	71.7	20	1870	-	118787
19	2	81.9	20	1847	-	263681
20	1	58.7	20	-	-	409611

Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5.57			Yes
Burst	Number of Pulses	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	66.1	19	-	-	583694
2	3	90.6	19	1336	1516	106172
3	2	69.3	19	1482	-	258695
4	2	67.2	19	1256	-	411245
5	2	71.7	19	1868	-	563224
6	3	87.9	19	1542	1904	87221
7	3	84.4	19	1742	1144	239333
8	2	79.1	19	1092	-	392410
9	3	91.8	19	1901	1900	542902
10	1	62.8	19	-	-	68903
11	2	68	19	1056	-	221347
12	3	94.8	19	1074	1858	372793
13	1	57.2	19	-	-	527304
14	3	88.6	19	1467	1470	49893
15	2	69.3	19	1038	-	202662
16	1	61.8	19	-	-	355579
17	1	53.9	19	-	-	508274
18	3	90.7	19	1790	1472	31157
19	1	63.3	19	-	-	183963
20	0	0	0	0	0	0

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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5.49701			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	57.1	13	-	-	457788
2	3	88.6	13	1478	1748	662901
3	1	57.4	13	-	-	16943
4	1	58.1	13	-	-	224587
5	3	93.6	13	1944	1551	430438
6	1	57.1	13	-	-	639430
7	3	90.1	13	1684	1598	844222
8	1	51.3	13	-	-	198801
9	2	68	13	1259	-	405912
10	3	97.5	13	1510	1076	612240
11	2	75.9	13	1897	-	820000
12	3	84.4	13	1497	1941	172656
13	3	87.2	13	1995	1164	379452
14	3	92.6	13	1452	1826	586089
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5.49941			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	64.4	19	-	-	585702
2	1	64.2	19	-	-	108856
3	2	78.5	19	1486	-	261159
4	1	51.5	19	-	-	414177
5	3	84.3	19	1615	1980	563797
6	1	55.4	19	-	-	89947
7	2	81.9	19	1949	-	242093
8	1	66.6	19	-	-	395797
9	2	78.2	19	1966	-	546605
10	2	77	19	1522	-	70989
11	3	84.5	19	1015	1353	223007
12	2	71.8	19	1939	-	375425
13	3	98.4	19	1423	1104	527270
14	3	86.5	19	1179	1411	52120
15	1	63.4	19	-	-	205174
16	3	89.1	19	1085	1891	356487
17	3	90.5	19	1878	1268	508283
18	1	54	19	-	-	33532
19	2	79.6	19	1111	-	186117
20	0	0	0	0	0	0

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Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5.49981			Yes
Burst	Number of Pulses	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	58.3	20	-	-	322015
2	2	74.8	20	1807	-	466251
3	2	70.2	20	1088	-	13941
4	1	58.7	20	-	-	159203
5	2	82.4	20	1217	-	303741
6	2	75.8	20	1401	-	448364
7	1	60	20	-	-	594527
8	2	81.6	20	1768	-	140710
9	3	86.6	20	1764	1746	284486
10	1	66.4	20	-	-	431898
11	2	81.7	20	1359	-	575633
12	1	65.8	20	-	-	123303
13	2	78.5	20	1254	-	267859
14	2	80.9	20	1241	-	413065
15	1	52.2	20	-	-	558390
16	3	92.8	20	1979	1549	104837
17	2	74.4	20	1381	-	249848
18	3	90.8	20	1943	1146	393949
19	1	60.3	20	-	-	541373
20	2	69.6	20	1846	-	87260

Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5.49581			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	85.2	10	1713	1369	387203
2	2	81.5	10	1984	-	629324
3	3	90.6	10	1982	1324	869427
4	1	60.3	10	-	-	116349
5	2	80.4	10	1344	-	357966
6	2	73.7	10	1243	-	599709
7	2	71.8	10	1433	-	841792
8	1	58.8	10	-	-	86528
9	1	53.5	10	-	-	328658
10	3	88	10	1409	1829	568692
11	2	78.9	10	1484	-	811572
12	1	56.9	10	-	-	56645
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5.49701			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	71.8	13	1377	-	255683
2	1	54.7	13	-	-	463781
3	2	78.8	13	1801	-	669927
4	2	67.8	13	1526	-	22959
5	3	94.3	13	1422	1580	229715
6	1	55.4	13	-	-	438157
7	3	96.1	13	1650	1113	643285
8	2	75.7	13	1571	-	851143
9	2	74.3	13	1864	-	204491
10	2	73.8	13	1489	-	411522
11	3	95.3	13	1275	1295	618267
12	1	50.1	13	-	-	827152
13	3	96.5	13	1694	1508	178741
14	1	61.1	13	-	-	386928
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5.49461			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	55.9	7	-	-	925395
2	3	91	7	1857	1059	1245282
3	3	96.2	7	1931	1907	238760
4	3	93.8	7	1751	1830	560834
5	3	89	7	1667	1640	883122
6	3	98.4	7	1037	1141	1206731
7	2	80.1	7	1919	-	199338
8	3	84.5	7	1337	1799	521310
9	3	94.5	7	1786	1462	843294
10	0	0	0	0	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5.49941			Yes
Burst	Number of Pulses	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	19	1417	-	523592
2	3	84.3	19	1350	1918	71444
3	1	59.9	19	-	-	216967
4	2	78.3	19	1046	-	361519
5	1	58.7	19	-	-	507708
6	1	54	19	-	-	53932
7	1	51.1	19	-	-	199271
8	2	78.1	19	1881	-	343376
9	3	98.6	19	1211	1114	487176
10	3	87.5	19	1834	1205	35904
11	2	74.7	19	1896	-	180588
12	3	94.1	19	1225	1534	324907
13	2	73.8	19	1368	-	470696
14	1	52	19	-	-	18193
15	3	84.5	19	1747	1726	162424
16	3	98.6	19	1836	1197	306908
17	2	68.9	19	1392	-	452609
18	3	94.7	19	1814	1543	316
19	3	84.7	19	1707	1927	144470
20	3	95.4	19	1719	1449	289311

Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5.49781			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	61.3	15	-	-	544874
2	3	86.2	15	1009	1457	724374
3	3	90.4	15	1335	1803	158996
4	1	63.8	15	-	-	340988
5	2	69.3	15	1153	-	521719
6	2	67.7	15	1644	-	702951
7	2	80.9	15	1722	-	136878
8	1	62.7	15	-	-	318680
9	1	59.8	15	-	-	500506
10	3	99	15	1354	1181	679515
11	2	80.6	15	1653	-	114551
12	2	76.9	15	1520	-	295872
13	3	87.4	15	1785	1645	475910
14	1	60.3	15	-	-	659492
15	1	51.9	15	-	-	92544
16	3	83.6	15	1228	1123	273175
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5.49501			Yes
Burst	Number of Pulses	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	84.4	8	1835.000	1463.000	661051
2	2	77.1	8	1110.000	-	925945
3	3	87.4	8	1485.000	1942.000	101789
4	2	71.7	8	1963.000	-	365580
5	2	73.1	8	1064.000	-	630093
6	3	95.8	8	1564.000	1386.000	892079
7	3	96.8	8	1118.000	1356.000	69348
8	1	62.6	8	-	-	333773
9	2	71.8	8	1048.000	-	597317
10	2	67.1	8	1710.000	-	860960
11	2	82.2	8	1186.000	-	36934
12	0	0	0	0.000	0.000	0
13	0	0	0	0.000	0.000	0
14	0	0	0	0.000	0.000	0
15	0	0	0	0.000	0.000	0
16	0	0	0	0.000	0.000	0
17	0	0	0	0.000	0.000	0
18	0	0	0	0.000	0.000	0
19	0	0	0	0.000	0.000	0
20	0	0	0	0.000	0.000	0

Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5.49381			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	88.9	5	1832	1429	413318
2	1	61.7	5	-	-	777589
3	3	95.3	5	1373	1794	1138425
4	2	70.1	5	1448	-	6087
5	1	53.6	5	-	-	369546
6	3	95.5	5	1279	1039	731620
7	3	89.2	5	1450	1407	1094465
8	2	83.1	5	1107	-	1458944
9	0	0	0	0	0	0
10	0	0	0	0	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5.64099			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	90.7	18	1911	1512	143486
2	3	93.9	18	1558	1617	303975
3	3	96.1	18	1815	1443	464789
4	1	59	18	-	-	628008
5	3	91	18	1398	1274	123854
6	2	73.1	18	1360	-	285178
7	3	88.5	18	1213	1175	445280
8	2	68.3	18	1914	-	606464
9	3	99.7	18	1876	1082	103979
10	1	56.8	18	-	-	265926
11	3	97.9	18	1578	1890	424967
12	1	56.7	18	-	-	588802
13	1	63.4	18	-	-	84540
14	1	50	18	-	-	245828
15	1	50.8	18	-	-	407352
16	1	64.1	18	-	-	568926
17	3	91.8	18	1715	1594	64367
18	1	57.3	18	-	-	226130
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5.64139			Yes
Burst	Number of Pulses	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	62.9	17	-	-	410427
2	2	72.3	17	1922	-	579546
3	1	65.6	17	-	-	47467
4	3	89.5	17	1616	1771	217286
5	2	77.8	17	1072	-	388651
6	3	92.1	17	1953	1579	557451
7	1	52.2	17	-	-	26385
8	3	85.5	17	1770	1292	196378
9	3	92	17	1058	1955	366389
10	1	51	17	-	-	538880
11	1	64.5	17	-	-	5359
12	2	78.9	17	1405	-	175916
13	2	77	17	1091	-	346261
14	2	81.4	17	1242	-	517070
15	3	98.2	17	1956	1124	685534
16	2	77.2	17	1915	-	154836
17	1	61.3	17	-	-	325857
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			18			
Chirp Center Frequency:			5.64139			Yes
Burst	Number of Pulses	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	89.7	17	1430	1781	466902
2	3	88.3	17	1185	1577	627999
3	2	68.1	17	1121	-	126448
4	3	96.4	17	1340	1998	286548
5	3	98.6	17	1983	1737	446718
6	3	84.6	17	1766	1464	607279
7	2	77.5	17	1180	-	106647
8	3	97.1	17	1183	1155	267291
9	1	55.7	17	-	-	429189
10	2	73.9	17	1724	-	588858
11	1	60.3	17	-	-	86866
12	2	68.8	17	1673	-	247591
13	3	88.9	17	1586	1902	407129
14	1	60.8	17	-	-	570863
15	2	81.1	17	1065	-	66918
16	2	78.3	17	1461	-	227731
17	3	96.3	17	1621	1024	388015
18	2	82.5	17	1378	-	549733
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5.64019			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	66.9	20	1609	-	42291
2	2	67.5	20	1514	-	187005
3	1	51.1	20	-	-	332904
4	1	66.1	20	-	-	478036
5	1	54	20	-	-	24563
6	1	56.7	20	-	-	169613
7	1	55.4	20	-	-	315021
8	2	81.2	20	1006	-	459476
9	3	87.5	20	1044	1415	6635
10	1	53.7	20	-	-	151822
11	2	70.8	20	1077	-	296279
12	2	79.9	20	1298	-	440844
13	1	66.4	20	-	-	586909
14	1	58.5	20	-	-	133912
15	3	86.2	20	1819	1745	277267
16	3	88.8	20	1079	1036	423050
17	1	61.1	20	-	-	569516
18	2	75.9	20	1573	-	115704
19	2	73.6	20	1809	-	260466
20	1	61	20	-	-	406351

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Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			10			
Chirp Center Frequency:			5.64499			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	64.3	8	-	-	1104439
2	3	87.7	8	1129	1428	196152
3	3	88.1	8	1584	1540	486036
4	3	92.4	8	1805	1519	775705
5	2	72	8	1307	-	1067530
6	2	68.1	8	1588	-	160615
7	3	91.9	8	1444	1069	450630
8	2	66.7	8	1661	-	741254
9	1	53.1	8	-	-	1033251
10	3	90.2	8	1418	1313	124713
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5.64179			Yes
Burst	Number of Pulses	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	83.4	16	1888	1753	243074
2	1	50.5	16	-	-	414879
3	2	80.8	16	1777	-	584766
4	3	99	16	1668	1779	52170
5	2	81.3	16	1720	-	222791
6	1	59.7	16	-	-	393948
7	1	60.1	16	-	-	565079
8	2	73.6	16	1740	-	31324
9	3	84.3	16	1806	1791	201302
10	1	61.3	16	-	-	373316
11	3	90.9	16	1813	1523	541253
12	2	67.4	16	1743	-	10310
13	3	97.1	16	1641	1479	180473
14	2	73.8	16	1196	-	351434
15	2	76.3	16	1976	-	521044
16	2	75.9	16	1693	-	692074
17	1	57.4	16	-	-	160174
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5.64459			Yes
Burst	Number of Pulses	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	51.8	9	-	-	511828
2	2	82.6	9	1475	-	775353
3	1	50.1	9	-	-	1040642
4	3	99.7	9	1975	1227	214473
5	1	55.2	9	-	-	479305
6	1	54.6	9	-	-	743420
7	3	85.3	9	1229	1068	1005226
8	2	68.1	9	1970	-	182237
9	2	79.2	9	1996	-	446081
10	2	79.4	9	1339	-	709845
11	1	58.8	9	-	-	975424
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5.64419			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	94.1	10	1978	1860	137041
2	3	85.9	10	1792	1842	378349
3	1	64.8	10	-	-	621529
4	3	88.8	10	1257	1366	862023
5	2	78	10	1073	-	107582
6	3	97.4	10	1565	1404	348834
7	2	70.3	10	1240	-	591436
8	2	70.2	10	1100	-	833075
9	3	99.1	10	1903	1013	77635
10	2	67.5	10	1493	-	319604
11	2	77.2	10	1866	-	561183
12	2	76.5	10	1156	-	803433
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

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Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			8			
Chirp Center Frequency:			5.64619			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	78.6	5	1660	-	72004
2	3	87.5	5	1971	1639	434311
3	3	91.7	5	1361	1018	797669
4	1	62.2	5	-	-	1162228
5	2	70.1	5	1099	-	27278
6	3	97	5	1236	1626	389903
7	3	90.6	5	1152	1267	752783
8	1	64.2	5	-	-	1117835
9	0	0	0	0	0	0
10	0	0	0	0	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0

Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5.64259			Yes
Burst	Number of Pulses	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	14	-	-	789659
2	3	96.1	14	1593	1502	183582
3	1	60.6	14	-	-	377951
4	3	90.1	14	1961	1709	569021
5	3	84.2	14	1590	1689	761783
6	1	53	14	-	-	160476
7	3	90.6	14	1288	1632	352678
8	2	78.2	14	1014	-	547268
9	3	95.9	14	1845	1825	737891
10	3	95.6	14	1112	1349	136190
11	2	80.8	14	1627	-	329476
12	1	52.1	14	-	-	523830
13	2	80.3	14	1986	-	715582
14	1	51.3	14	-	-	112788
15	2	79.6	14	1853	-	305862
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0