



FCC DFS TEST REPORT

FCC ID : G95601TX
Equipment : DOCSIS 4.0 Residential Gateway
Brand Name : Vantiva
Model Name : CGM601TCOM, CGM601TCOX
Applicant : Vantiva USA LLC
4855 Peachtree Industrial Blvd. Suite 200 Norcross, Georgia 30092
Manufacturer : Vantiva
4855 Peachtree Industrial Blvd, Suite 200 Norcross GA 30092
Standard : FCC Part 15 Subpart E

The product was received on Oct. 28, 2024 and testing was performed from Nov. 04, 2024 to Nov. 13, 2024. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in FCC Part 15 Subpart E and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval 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
FZ4O1125	01	Initial issue of report	Jan. 23, 2025

Summary of Test Result

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

Conformity Assessment Condition:

The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.

Disclaimer:

1. The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.
2. The purpose of different model name is for marketing segmentation.

Reviewed by: Wei Chen

Report Producer: Rebecca Wu

1 General Description

1.1 Feature of Equipment Under Test

Product Feature
General Specs Bluetooth - LE, Wi-Fi 2.4GHz 802.11b/g/n/ac/ax/be, Wi-Fi 5GHz 802.11a/n/ac/ax/be, Wi-Fi 6GHz 802.11a/ax/be, and ZigBee.
Antenna Type WLAN: Dipole Antenna

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

1.2 Modification of EUT

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

1.3 Testing Site

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No.
	03CH05-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-A 5250-5350 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
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 $(-64\text{dBm}) + (0.0) [\text{dBi}] + 1 \text{ dB} = -63.0 \text{ dBm}$.

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	$\text{Roundup} \left\{ \left(\frac{1}{360} \right), \left(\frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$	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

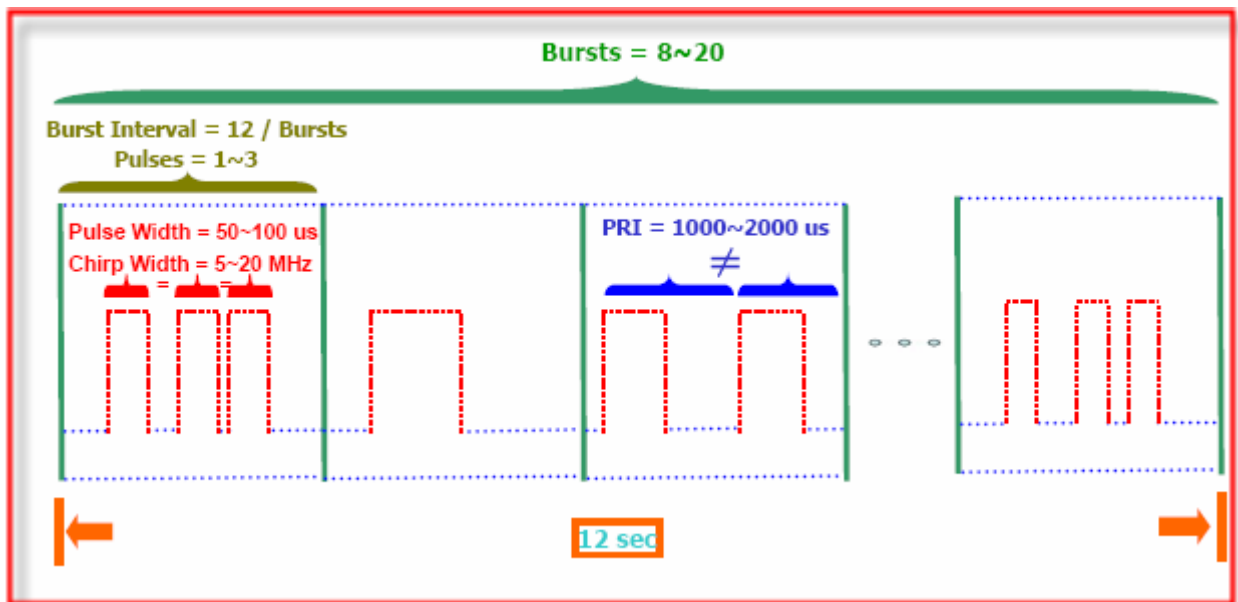
The parameters for this waveform are randomly chosen. Thirty unique waveforms are required for the Long Pulse radar test signal. If more than 30 waveforms are used for the Long Pulse radar test signal, then each additional waveform must also be unique and not repeated from the previous waveforms. Each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

A representative example of a Long Pulse radar test waveform:

- (1) The total test signal length is 12 seconds.
- (2) 8 Bursts are randomly generated for the Burst_Count.
- (3) Burst 1 has 2 randomly generated pulses.
- (4) The pulse width (for both pulses) is randomly selected to be 75 microseconds.
- (5) The PRI is randomly selected to be at 1213 microseconds.
- (6) Bursts 2 through 8 are generated using steps 3 – 5.
- (7) Each Burst is contained in even intervals of 1,500,000 microseconds. The starting location for Pulse 1, Burst 1 is randomly generated (1 to 1,500,000 minus the total Burst 1 length + 1 random PRI interval) at the 325,001 microsecond step. Bursts 2 through 8 randomly fall in successive 1,500,000 microsecond intervals (i.e. Burst 2 falls in the 1,500,001 – 3,000,000 microsecond range).

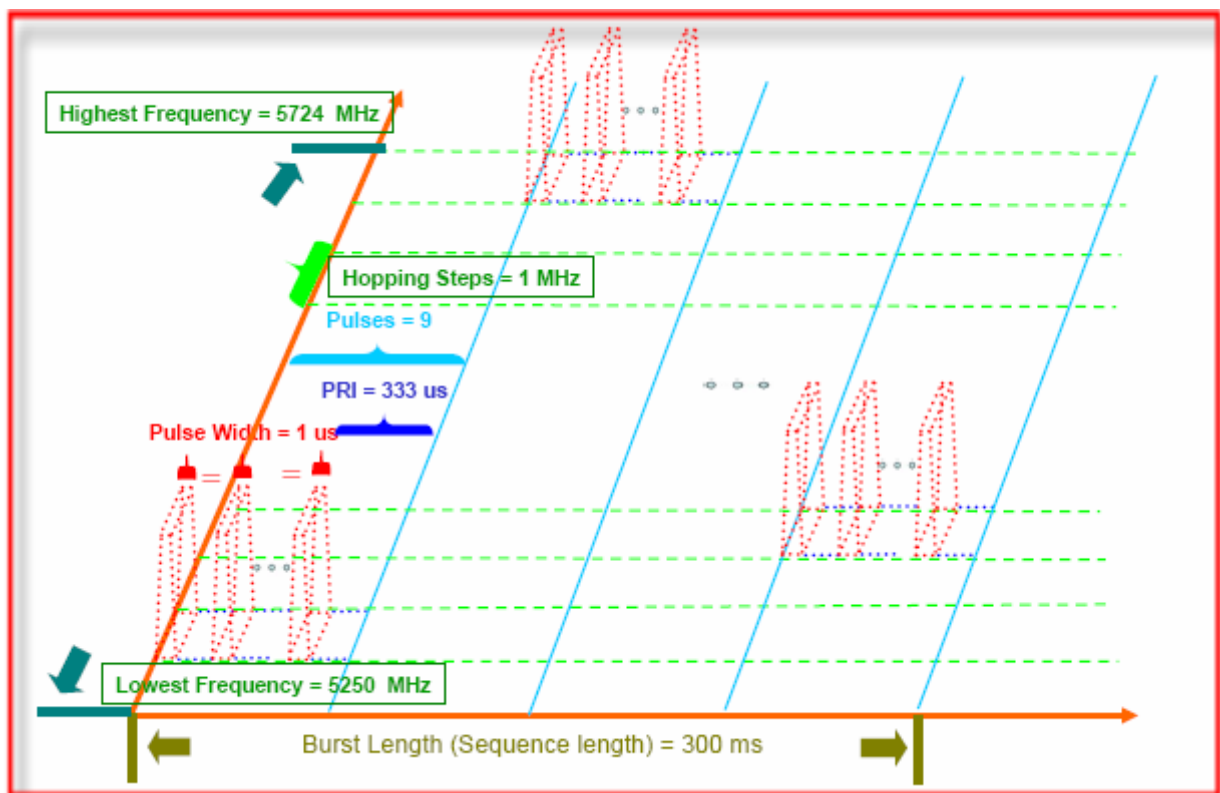


2.7 Frequency Hopping Radar Test Waveform

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

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

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



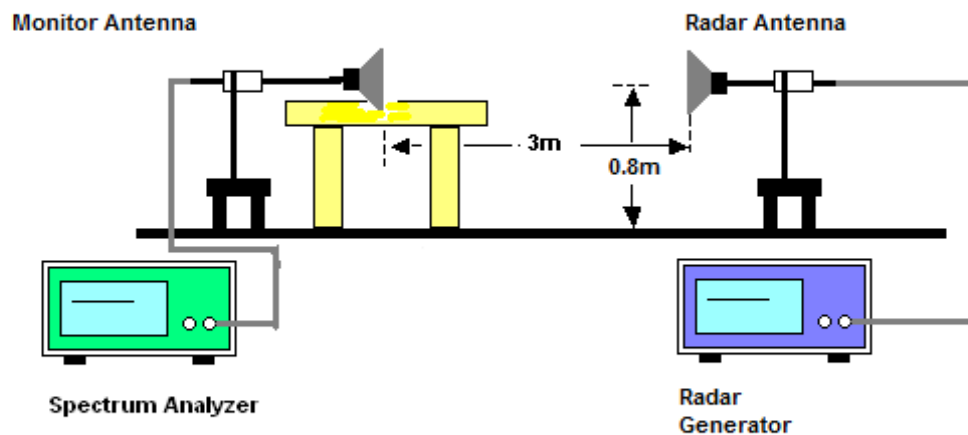
3 Calibration Setup and DFS Test Results

3.1 Calibration of Radar Waveform

3.1.1 Radar Waveform Calibration Procedure

The Interference Radar Detection Threshold Level is $(-64) + (0.0) \text{ [dBi]} + 1\text{dB} = -63.0 \text{ dBm}$ 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 $(-64) + (0.0) \text{ [dBi]} + 1\text{dB} = -63.0 \text{ dBm}$. Capture the spectrum analyzer plots on radar waveform.

3.1.2 Radiated Calibration Setup



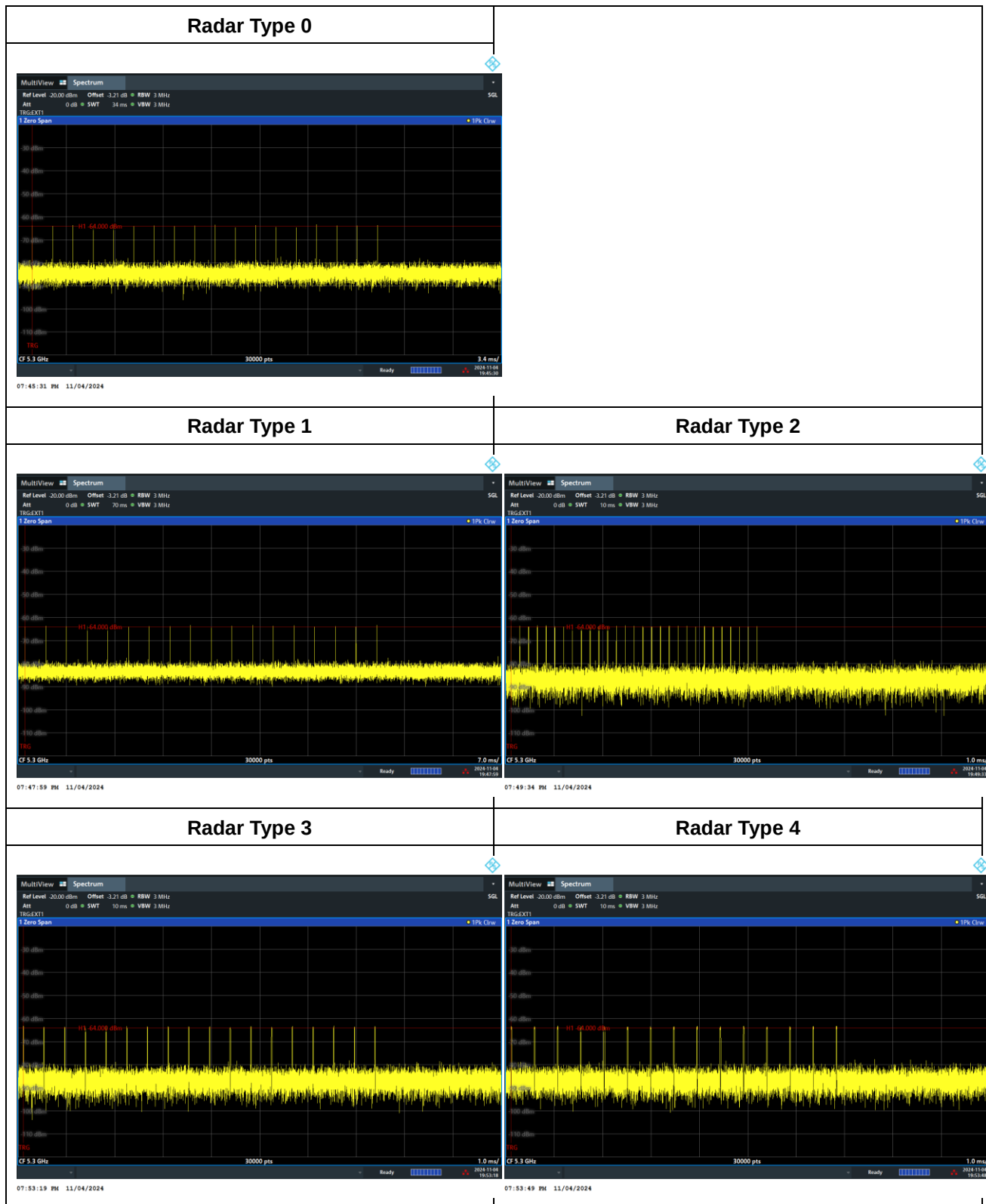
3.1.3 Calibration Deviation

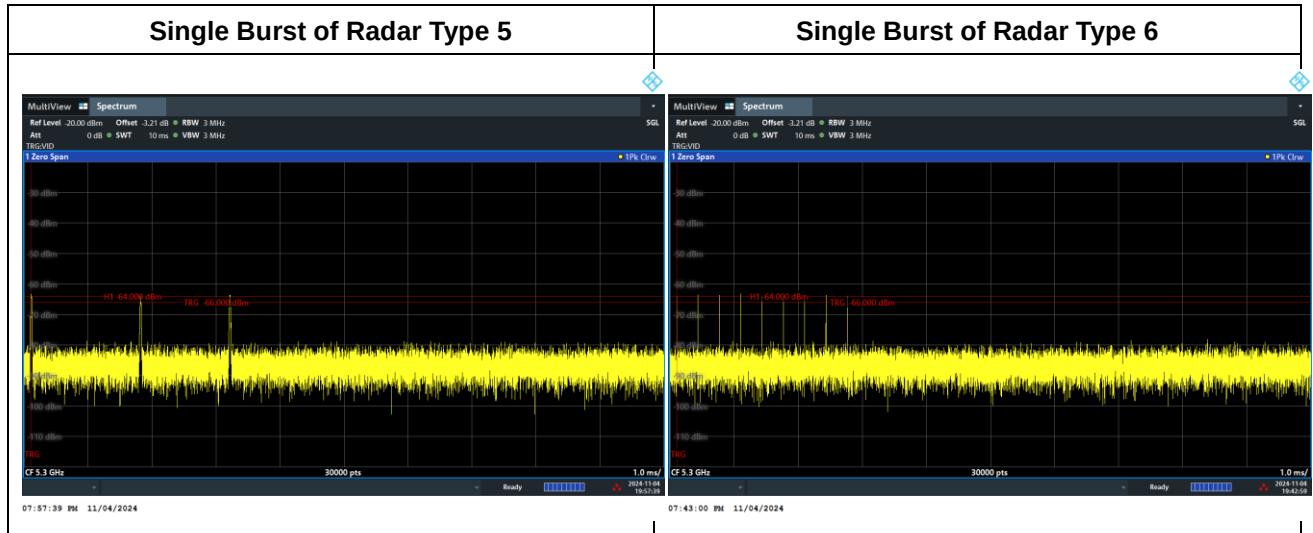
There is no deviation with the original standard.



3.1.4 Radar Waveform Calibration Result

<5300MHz / 20MHz>

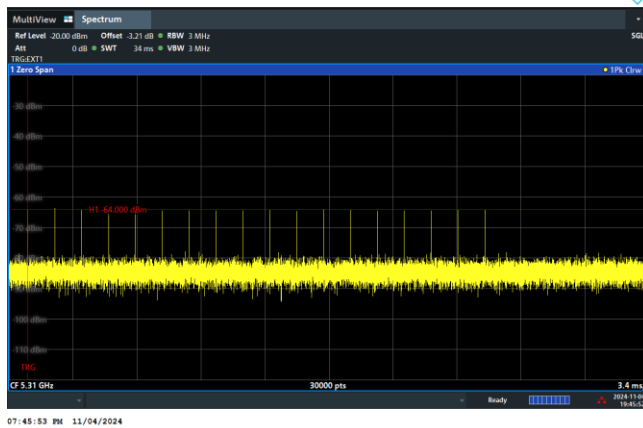




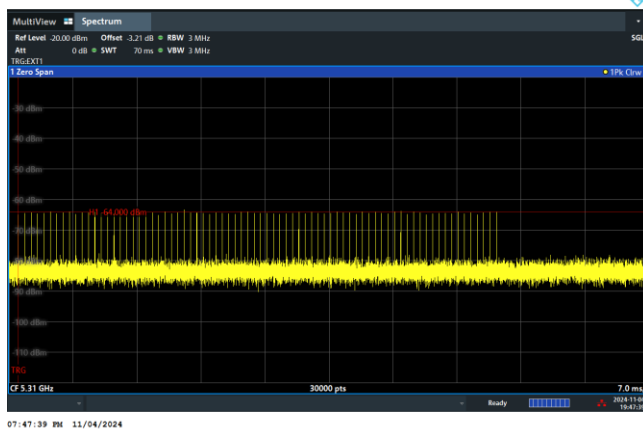


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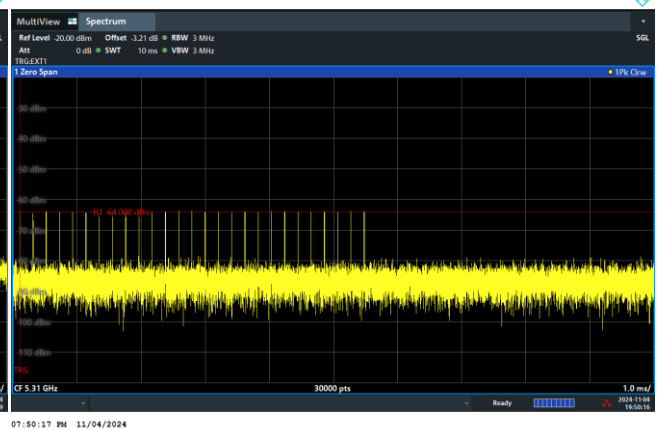
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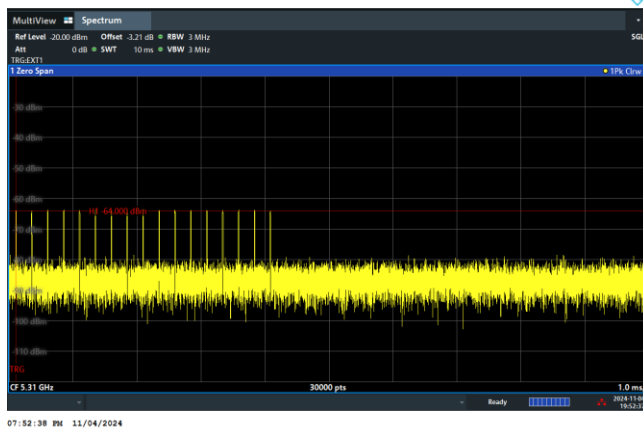
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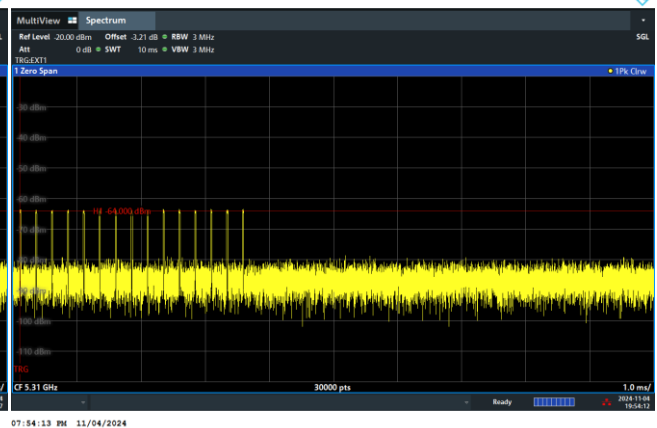
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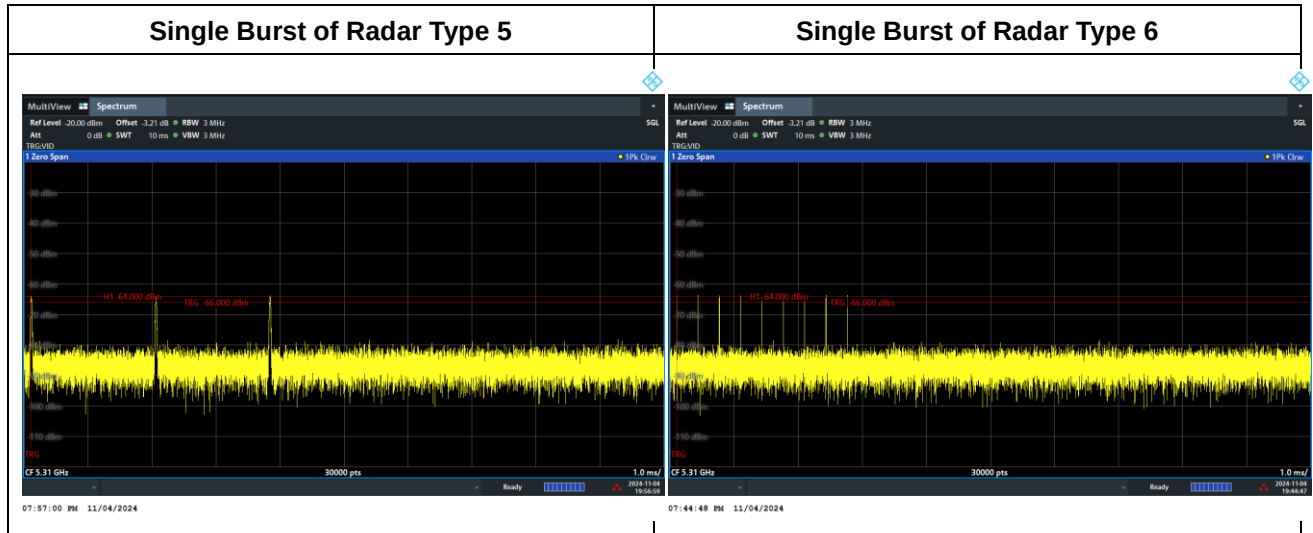


Radar Type 3



Radar Type 4

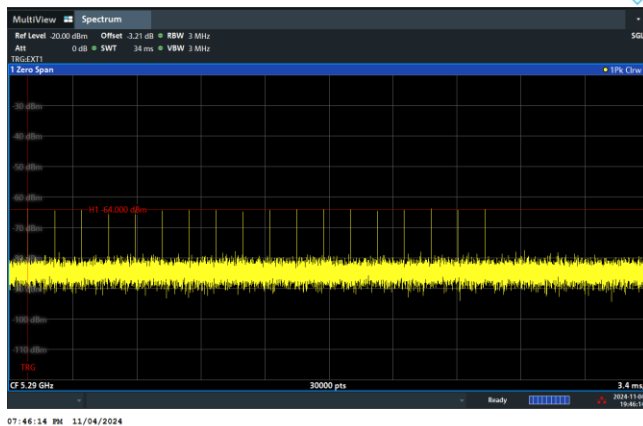




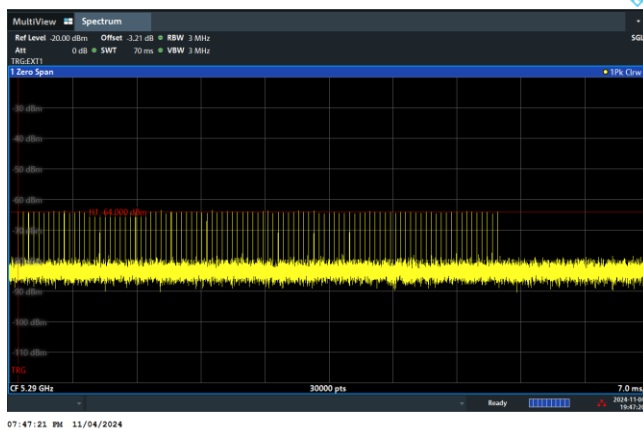


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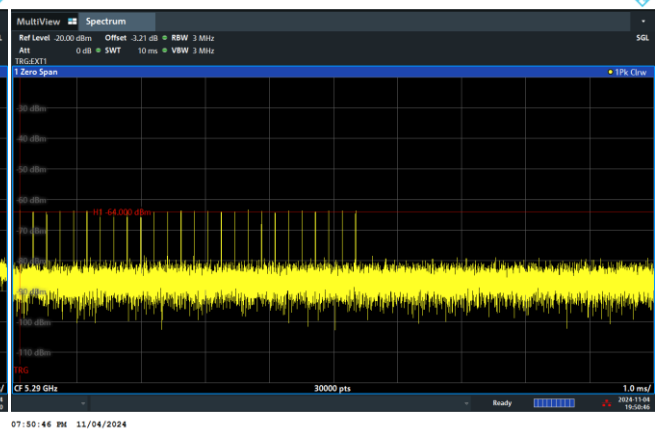
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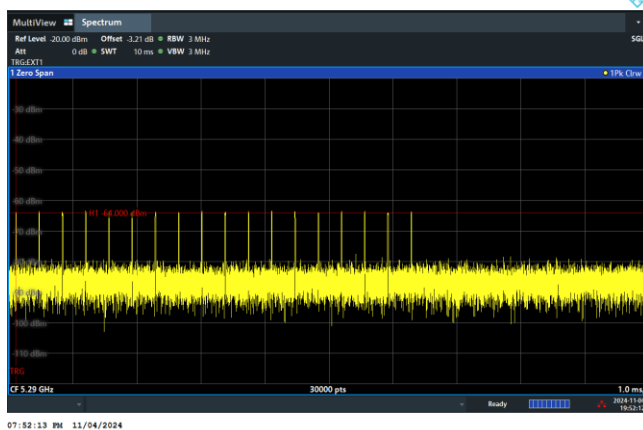
Radar Type 1



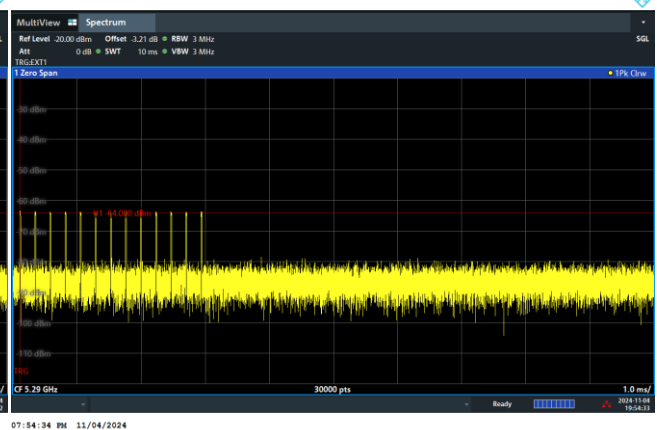
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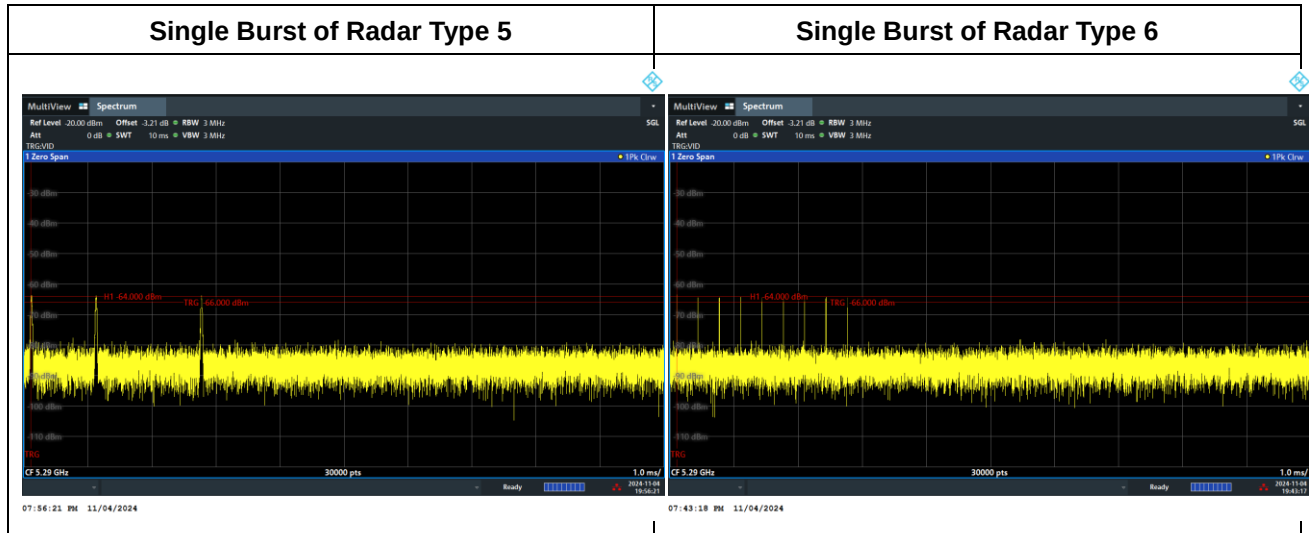


Radar Type 3



Radar Type 4

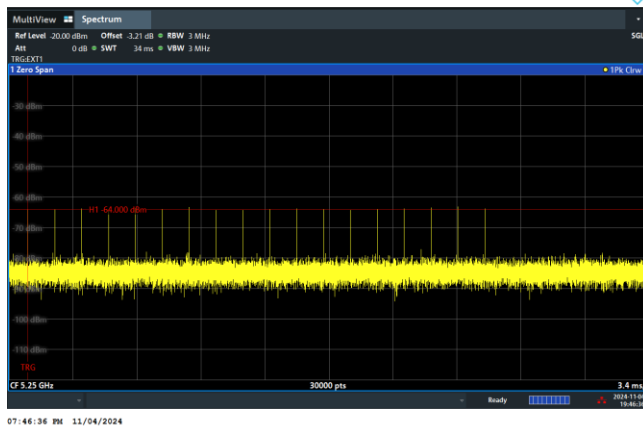




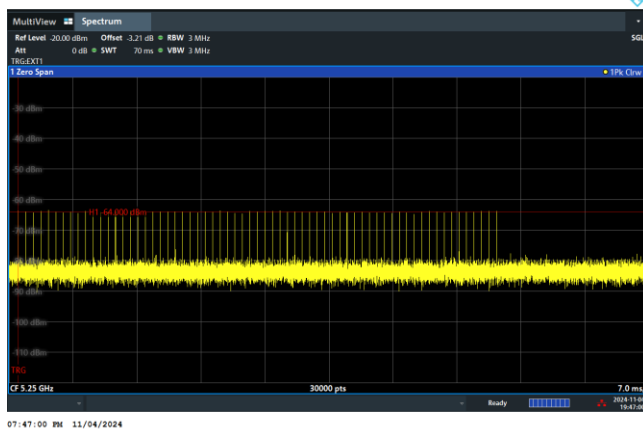


<5250MHz / 160MHz>

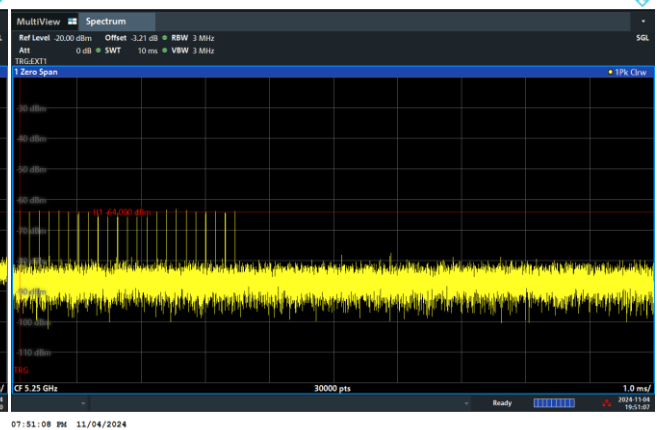
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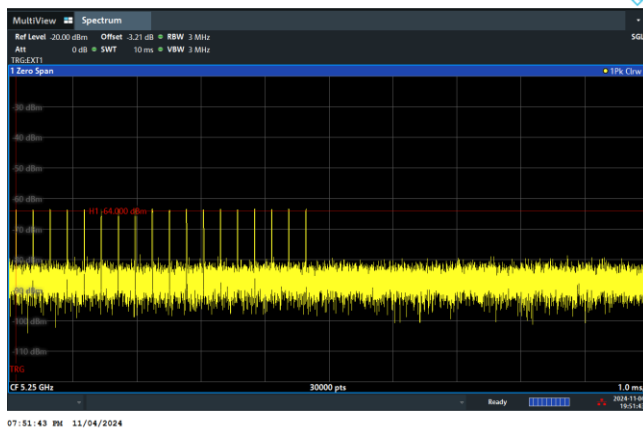
Radar Type 1



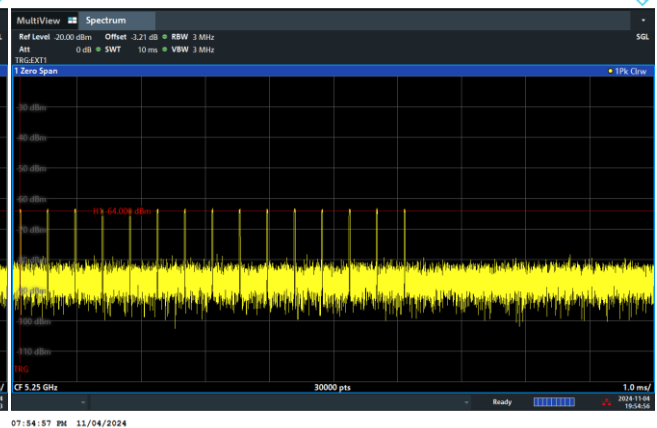
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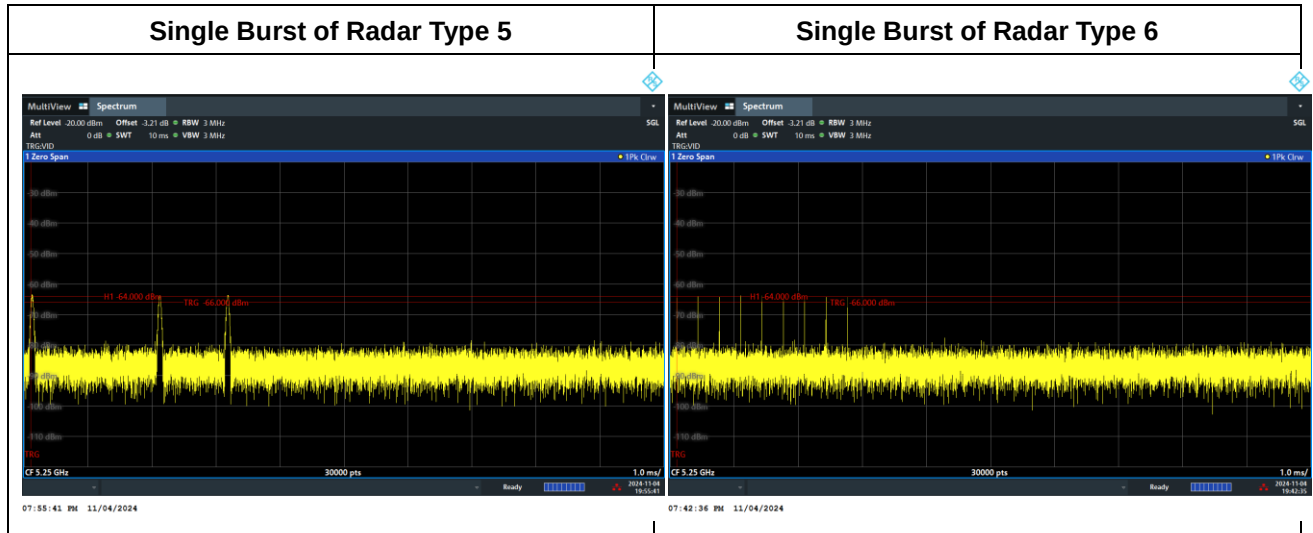


Radar Type 3



Radar Type 4

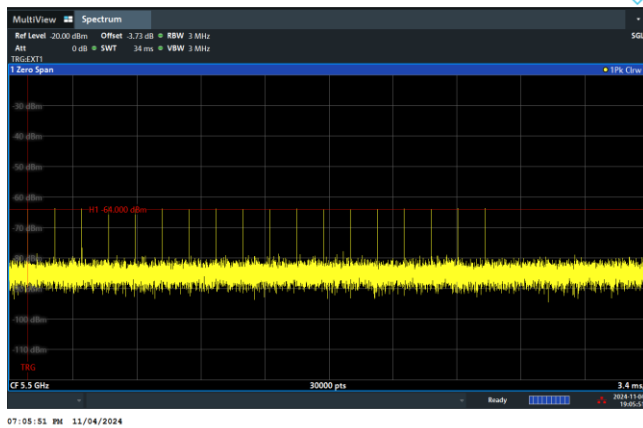




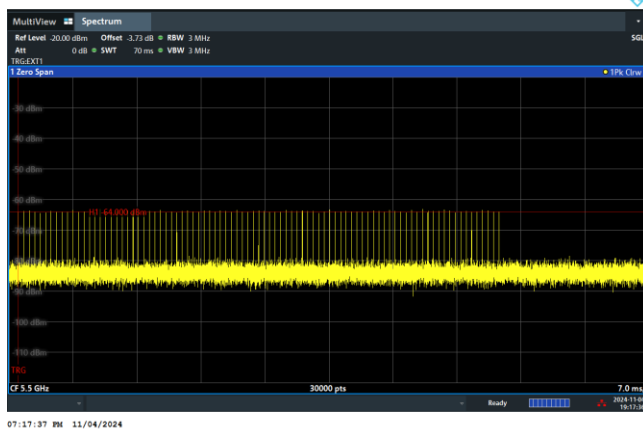


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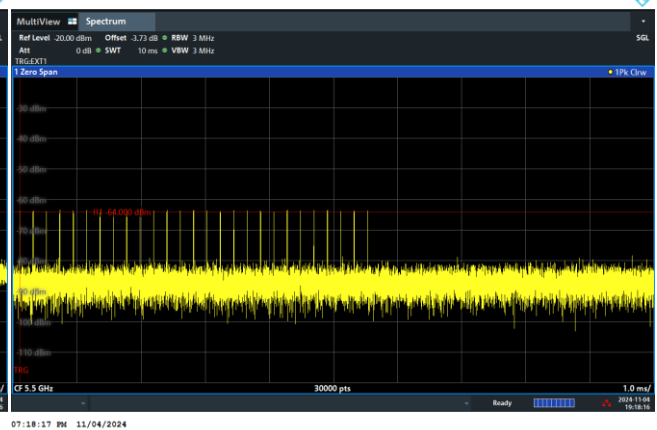
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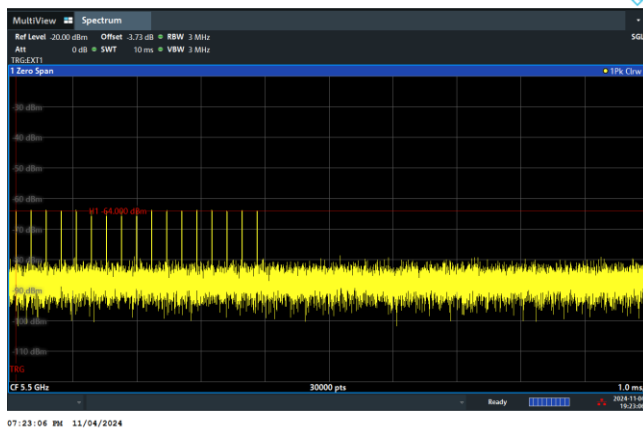
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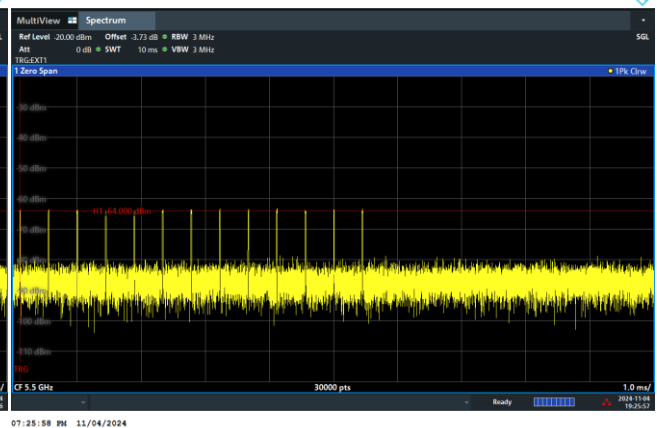
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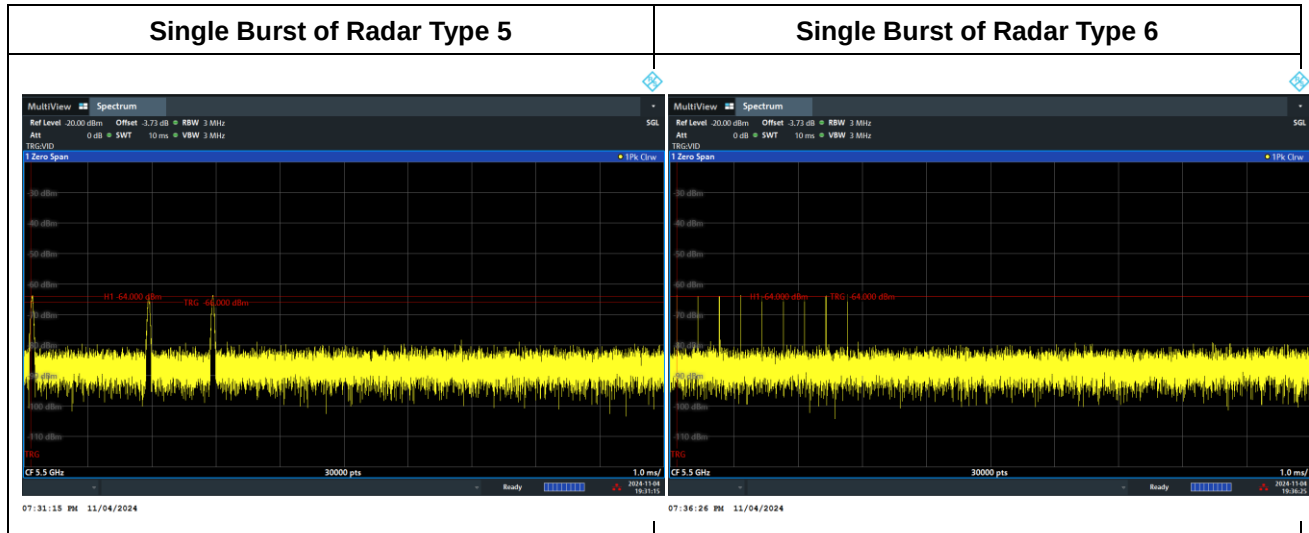


Radar Type 3



Radar Type 4

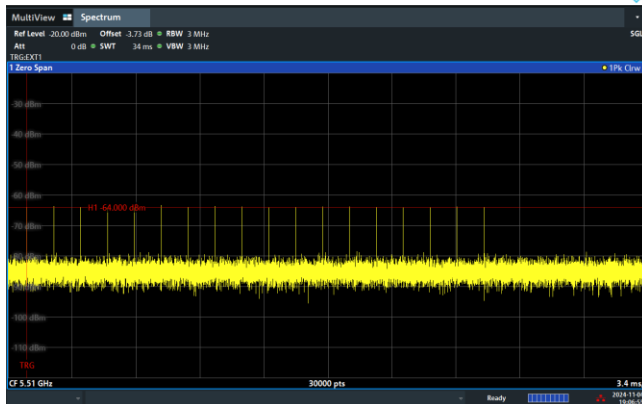




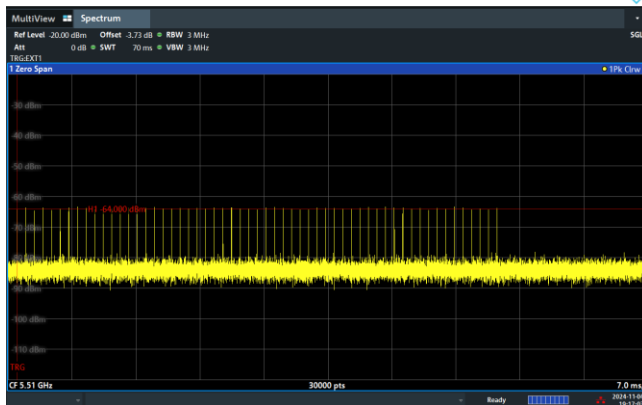


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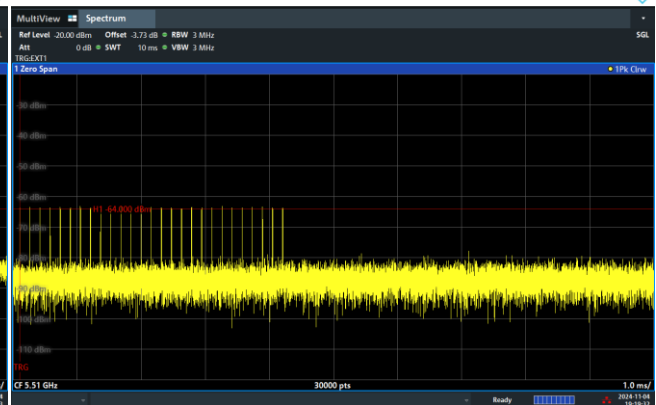
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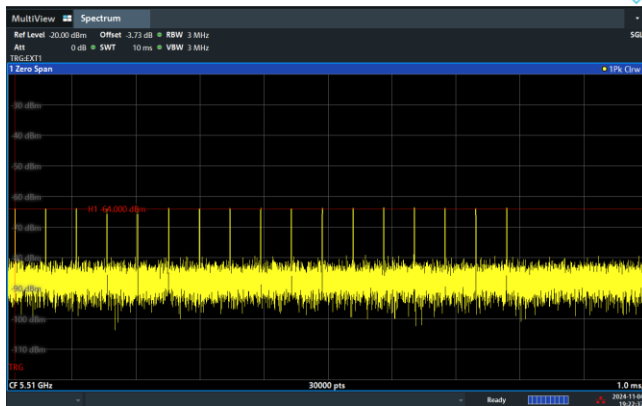
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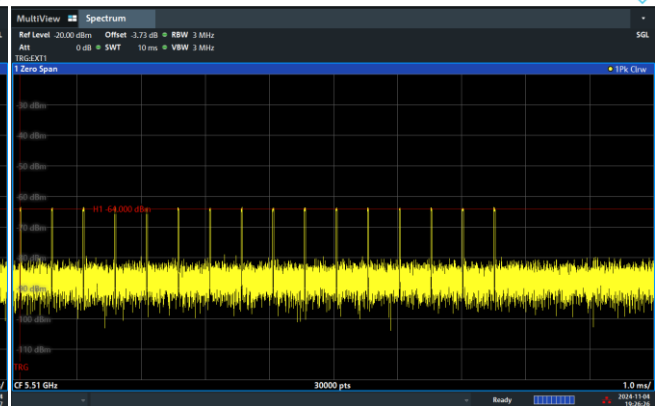
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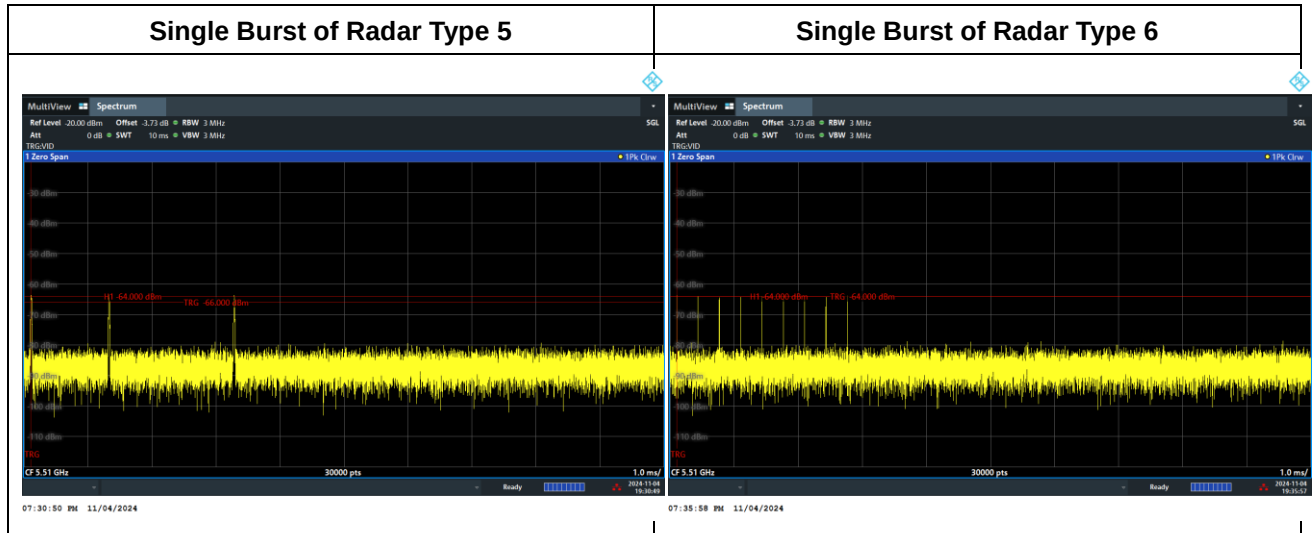


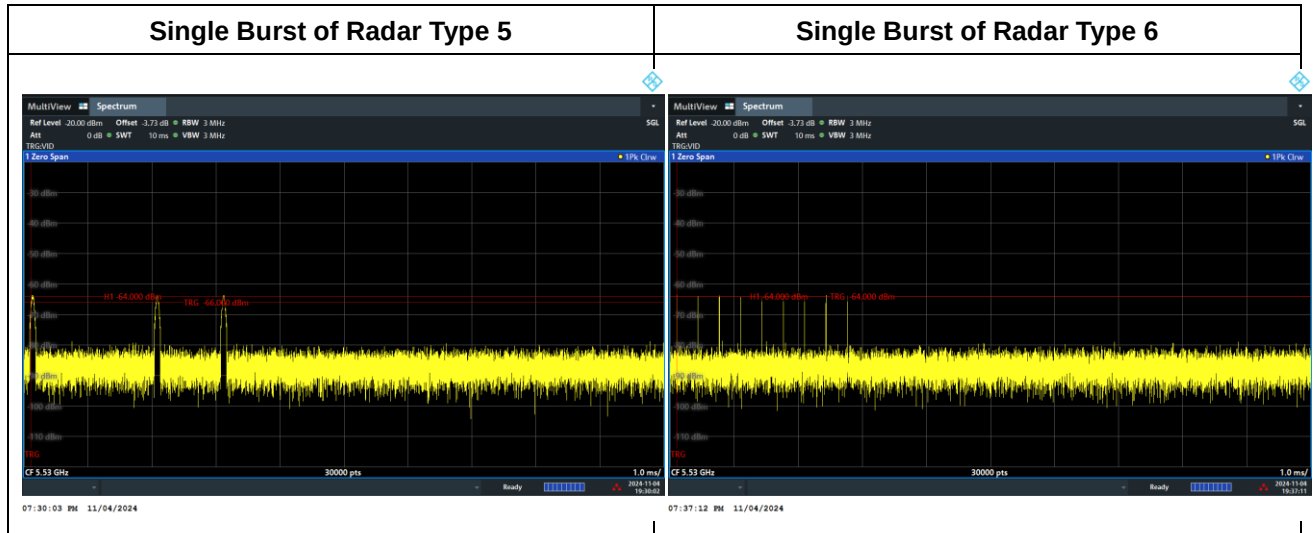
Radar Type 3



Radar Type 4



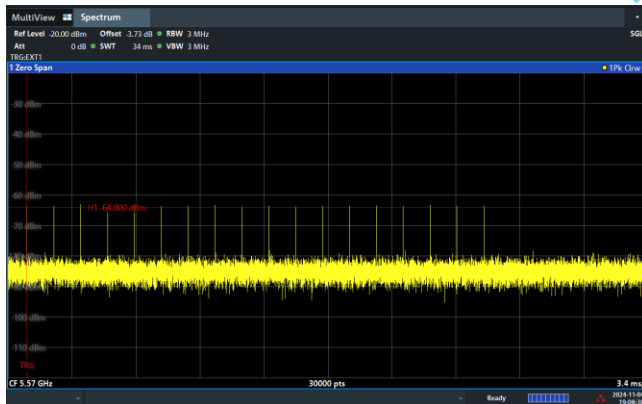






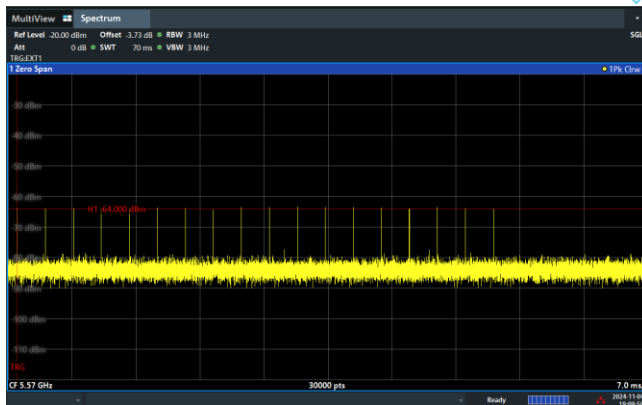
<5570MHz / 160MHz>

Radar Type 0



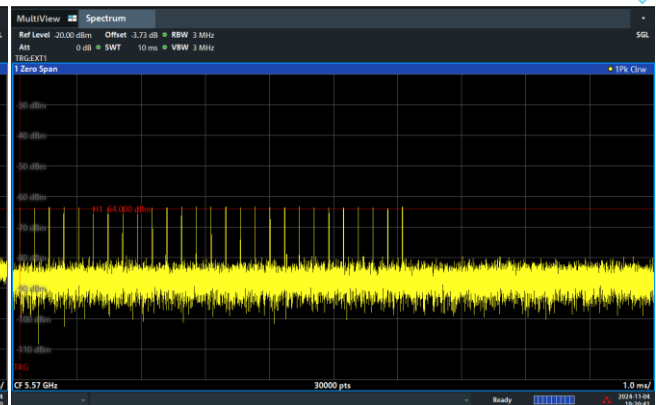
07:08:38 PM 11/04/2024

Radar Type 1



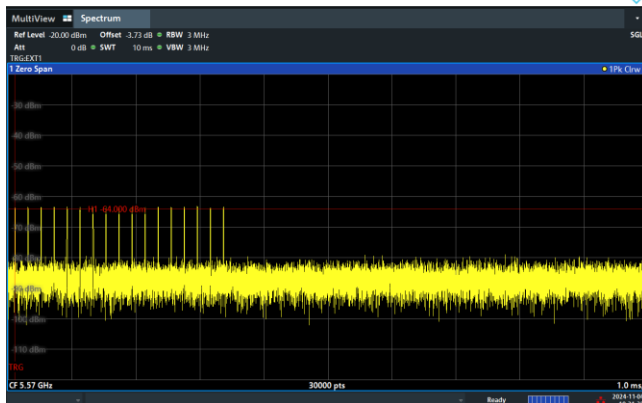
07:09:50 PM 11/04/2024

Radar Type 2



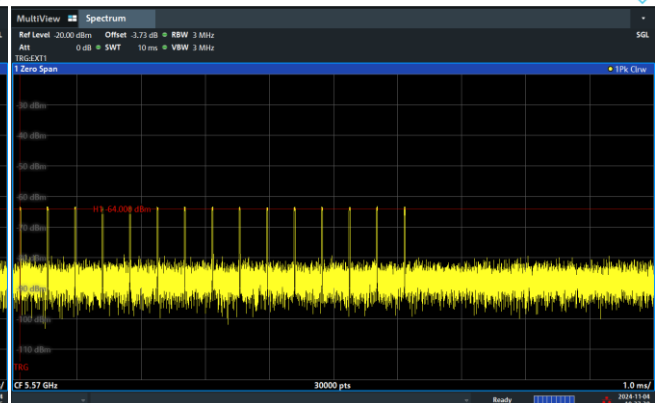
07:20:42 PM 11/04/2024

Radar Type 3

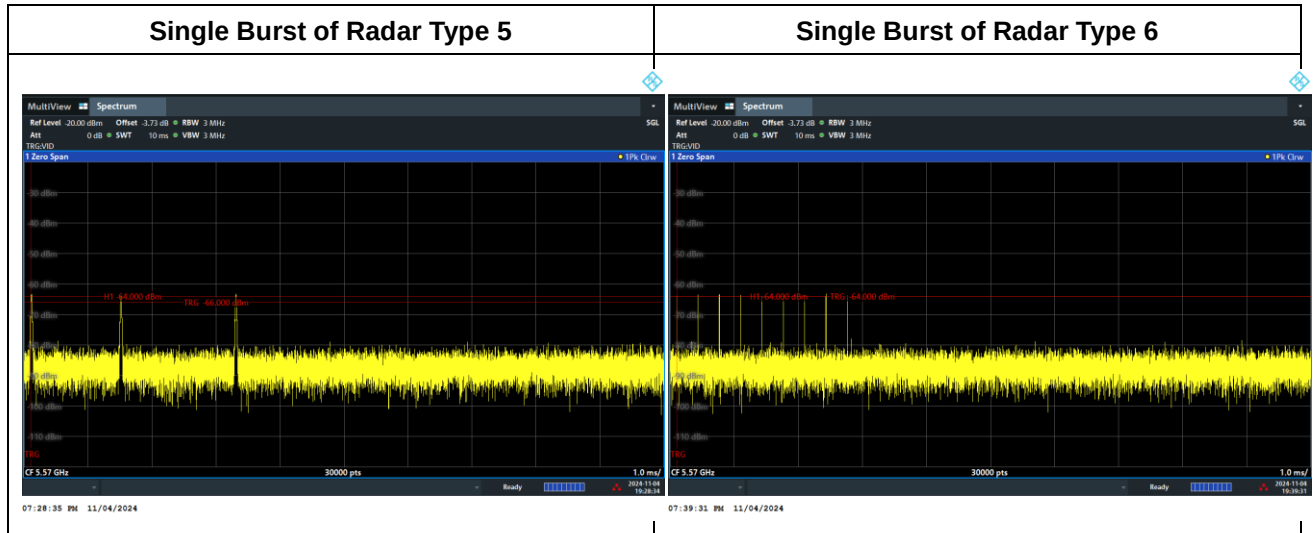


07:21:35 PM 11/04/2024

Radar Type 4



07:27:29 PM 11/04/2024



3.2 U-NII Detection Bandwidth

3.2.1 Limit of U-NII Detection Bandwidth

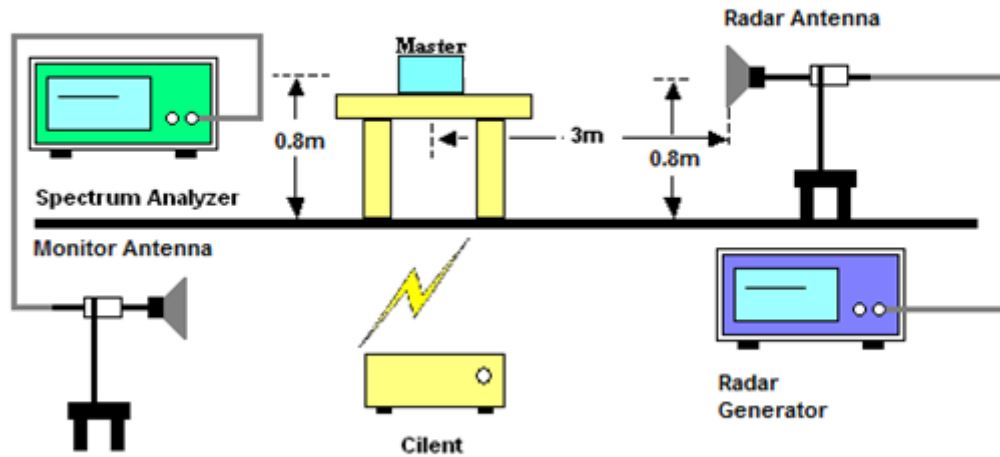
The U-NII Detection Bandwidth shall contain minimum 100% of the 99% power bandwidth.

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-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 / 5300MHz>

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		
5289	-11	N	N	N	N	N	N	N	N	N	N	0%	
5290	-10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _L
5291	-9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5292	-8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5293	-7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5294	-6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5295	-5	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	90%	
5300	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5305	+5	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	90%	
5306	+6	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	90%	
5307	+7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5308	+8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5309	+9	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	90%	
5310	+10	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	90%	F _H
5311	+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 = 19.868 MHz (Refer to channel 60)													



<40MHz/ 5310MHz>

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		
5289	-21	N	N	N	N	N	N	N	N	N	N	0%	
5290	-20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _L
5291	-19	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5292	-18	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5293	-17	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5294	-16	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5295	-15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5300	-10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5305	-5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5310	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5315	+5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5320	+10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5325	+15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5326	+16	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5327	+17	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5328	+18	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5329	+19	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5330	+20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _H
5331	+21	N	N	N	N	N	N	N	N	N	N	0%	
Detection Bandwidth = F _H – F _L = 5330 – 5290 = 40 MHz													
EUT 99% Bandwidth = 38.276 MHz (Refer to channel 62)													



<80MHz / 5290MHz>

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		
5249	-41	N	N	N	N	N	N	N	N	N	N	0%	
5250	-40	Y	N	N	N	Y	N	Y	N	N	N	30%	
5251	-39	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _L
5252	-38	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	90%	
5253	-37	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	90%	
5254	-36	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	90%	
5255	-35	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5260	-30	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	90%	
5265	-25	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	90%	
5270	-20	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	90%	
5275	-15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5380	-10	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	90%	
5285	-5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5290	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5295	+5	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	90%	
5300	+10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5305	+15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5310	+20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5315	+25	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5320	+30	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	90%	
5325	+35	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5326	+36	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5327	+37	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5328	+38	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	90%	
5329	+39	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	90%	
5330	+40	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	90%	F _H
5331	+41	N	N	N	N	N	N	N	N	N	N	0%	
Detection Bandwidth = F _H – F _L = 5330 – 5251 = 79 MHz													
EUT 99% Bandwidth = 76.730 MHz (Refer to channel 58)													



<160MHz / 5250MHz>

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		
5249	-1	N	N	N	N	N	N	N	N	N	N	0%	
5250	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _L
5255	+5	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	90%	
5260	+10	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	90%	
5265	+15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5270	+20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5275	+25	Y	Y	Y	Y	Y	T	Y	Y	Y	Y	100%	
5280	+30	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5285	+35	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5290	+40	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5295	+45	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5300	+50	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	90%	
5305	+55	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5310	+60	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	90%	
5315	+65	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5320	+70	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	90%	
5325	+75	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	90%	
5326	+76	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5327	+77	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5328	+78	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5329	+79	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5330	+80	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _H
5331	+81	N	N	N	N	N	N	N	N	N	N	0%	
Detection Bandwidth = F _H – F _L = 5330 – 5250 = 80 MHz													
EUT 99% Bandwidth = 78.790 MHz (Refer to channel 50)													



<20MHz / 5500MHz>

Frequency (MHz)	Fc	Trial Number (Detection = V, No Detection = N)										Rate (%)	F _H /F _L
		1	2	3	4	5	6	7	8	9	10		
5489	-11	N	N	N	N	N	N	N	N	N	N	0%	
5490	-10	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	90%	F _L
5491	-9	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	90%	
5492	-8	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	90%	
5493	-7	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	90%	
5494	-6	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	90%	
5495	-5	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	90%	
5500	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5505	+5	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	90%	
5506	+6	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	90%	
5507	+7	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	90%	
5508	+8	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	90%	
5509	+9	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	90%	
5510	+10	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	90%	F _H
5511	+11	N	N	N	N	N	N	N	N	N	N	0%	
Detection Bandwidth = F _H – F _L = 5510 – 5490 = 20 MHz													
EUT 99% Bandwidth = 19.068 MHz (Refer to channel 100)													



<40MHz / 5310MHz>

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	N	Y	Y	Y	Y	90%	
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	N	Y	Y	Y	Y	Y	Y	90%	
5528	+18	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	90%	
5529	+19	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5530	+20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _H
5531	+21	N	N	N	N	N	N	N	N	N	N	0%	
Detection Bandwidth = F _H – F _L = 5530 – 5490 = 40 MHz													
EUT 99% Bandwidth = 37.525 MHz (Refer to channel 102)													



<80MHz / 5530MHz>

Frequency (MHz)	Fc	Trial Number (Detection = Y, No Detection = N)										Rate (%)	F _H /F _L
		1	2	3	4	5	6	7	8	9	10		
5489	-41	N	N	N	N	N	N	N	N	N	N	0%	
5490	-40	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	90%	F _L
5491	-39	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	90%	
5492	-38	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	90%	
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	N	Y	Y	Y	Y	Y	Y	Y	Y	90%	
5500	-30	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	90%	
5505	-25	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	90%	
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	N	Y	Y	Y	Y	Y	Y	Y	90%	
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	N	Y	Y	Y	Y	Y	Y	Y	90%	
5566	+36	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5567	+37	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	90%	
5568	+38	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5569	+39	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5570	+40	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	F _H
5571	+41	N	N	N	N	N	N	N	N	N	N	0%	
Detection Bandwidth = F _H – F _L = 5570 – 5490 = 80 MHz													
EUT 99% Bandwidth = 77.799MHz (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	N	Y	Y	Y	Y	Y	Y	Y	90%	
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	N	Y	Y	Y	Y	Y	Y	Y	Y	90%	
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%	



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		
5615	+45	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5620	+50	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5625	+55	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5630	+60	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5635	+65	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5640	+70	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5645	+75	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5646	+76	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5647	+77	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%	
5648	+78	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	90%	
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 = 158.319 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.

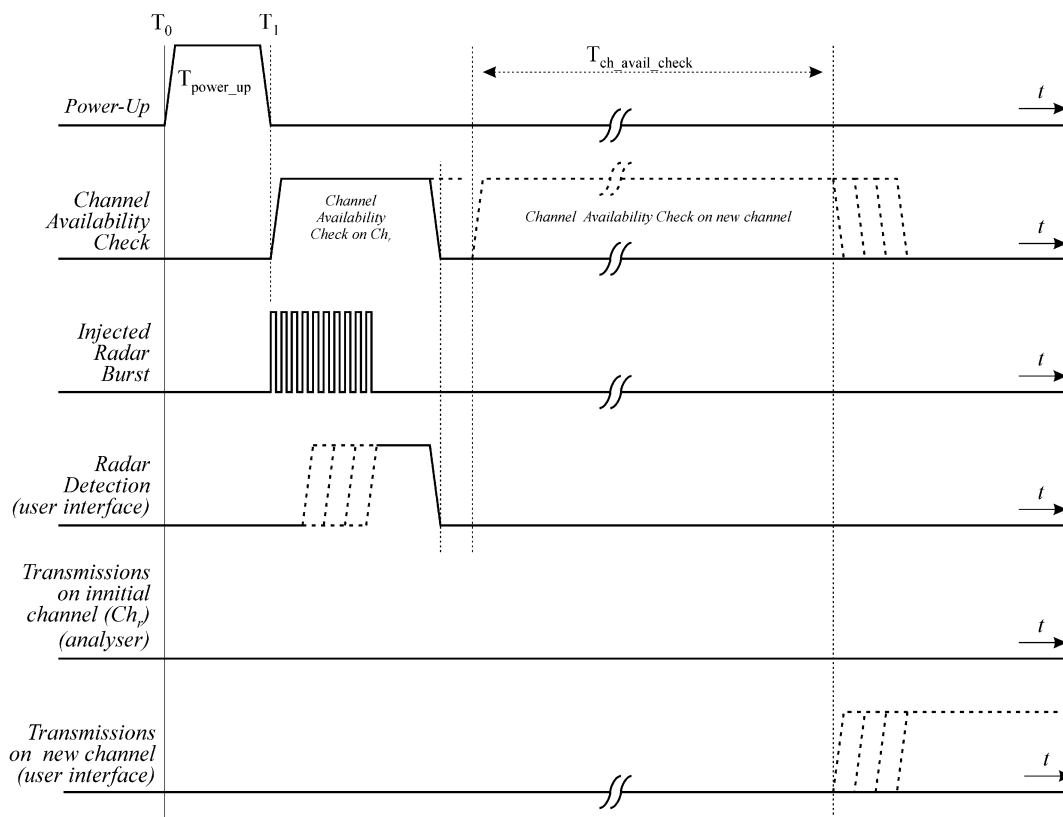


Figure 15: Example of timing for radar testing at the beginning of the Channel Availability Check Time

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.

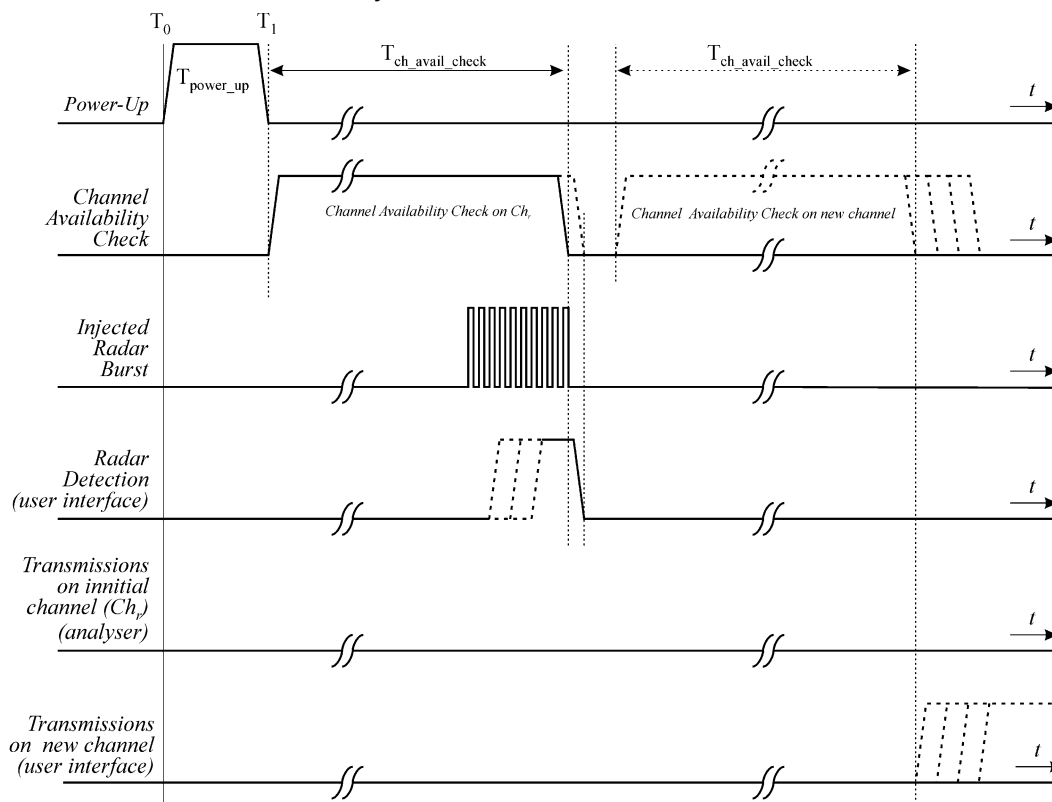
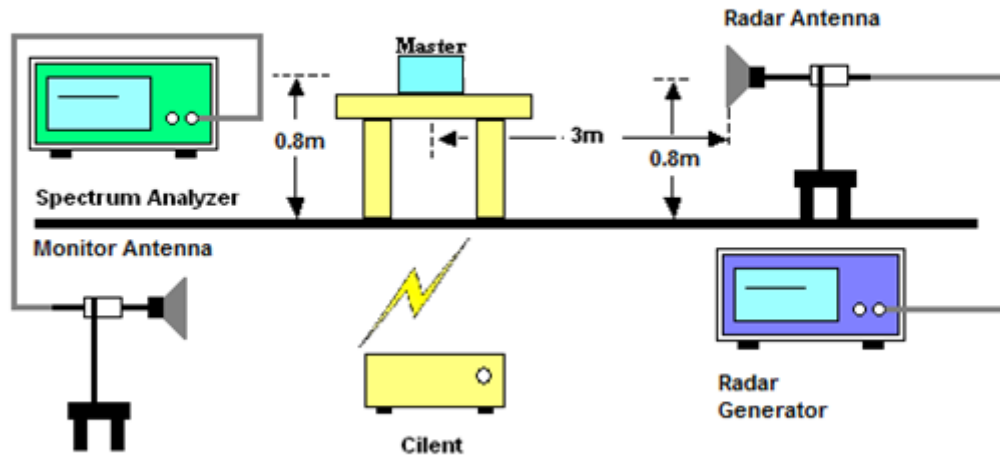


Figure 16: Example of timing for radar testing towards the end of the Channel Availability Check Time

3.3.5 Test Setup



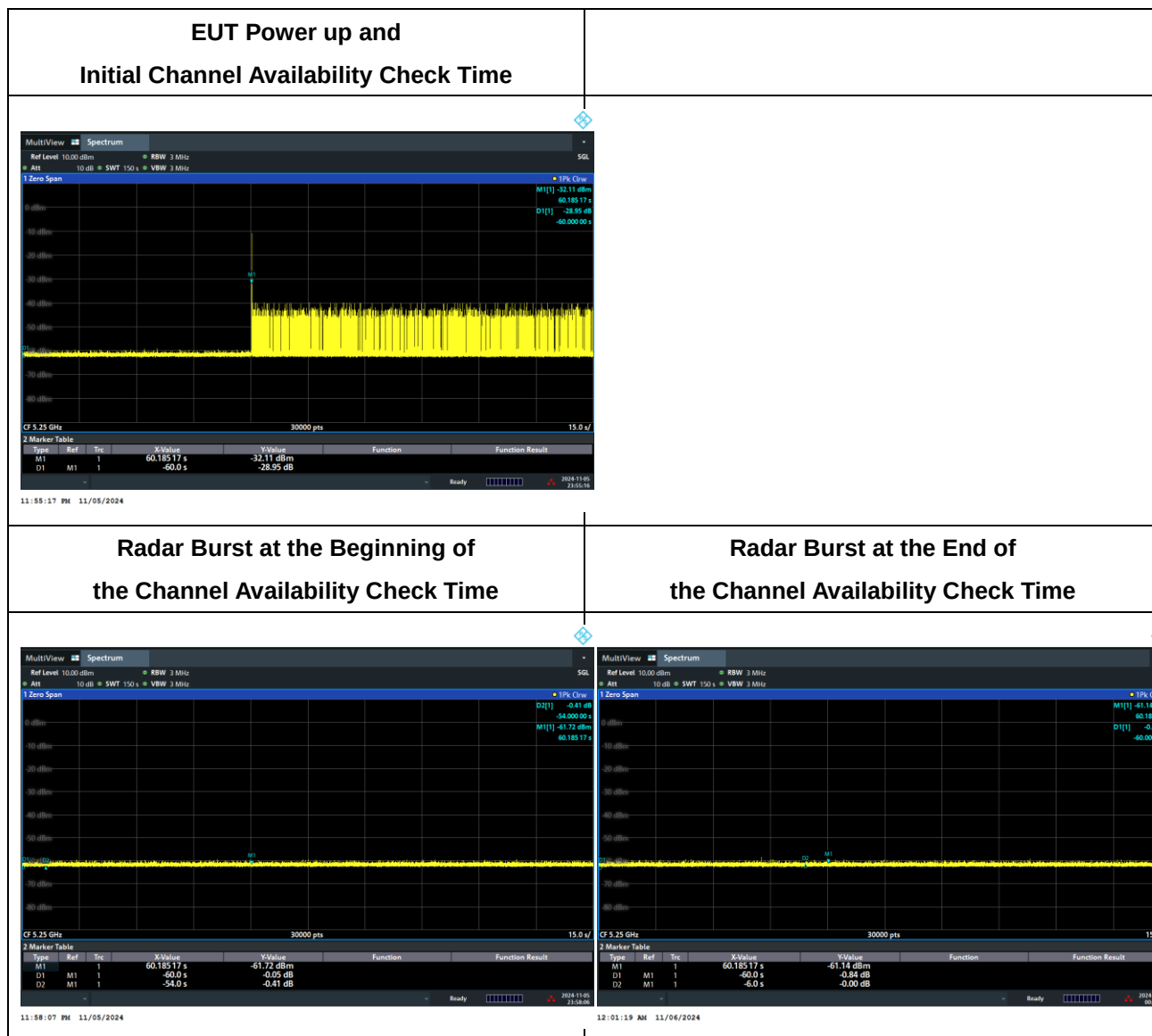
3.3.6 Test Deviation

There is no deviation with the original standard.



3.3.7 Result of Channel Availability Check Time

<160MHz / 5250MHz>



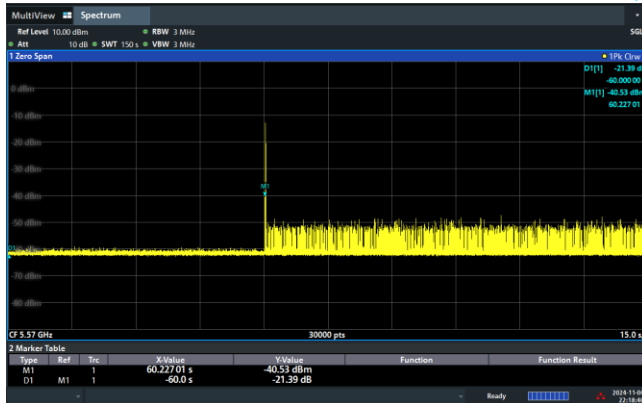
Marker 1: End of Channel Availability Check

Marker 2(Delta1): 60 seconds before End of Channel Availability Check

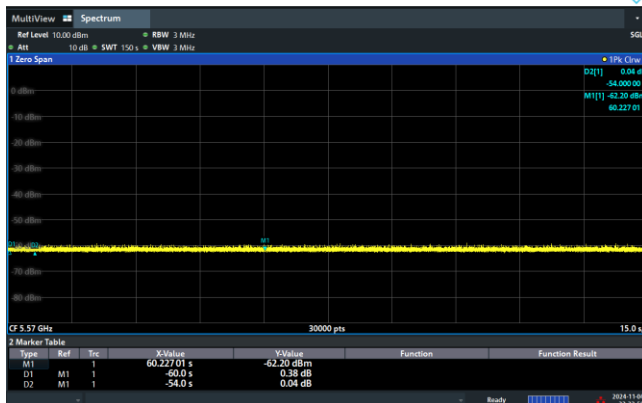
Marker 3(Delta2): 54 seconds or 6 seconds before End of Channel Availability Check



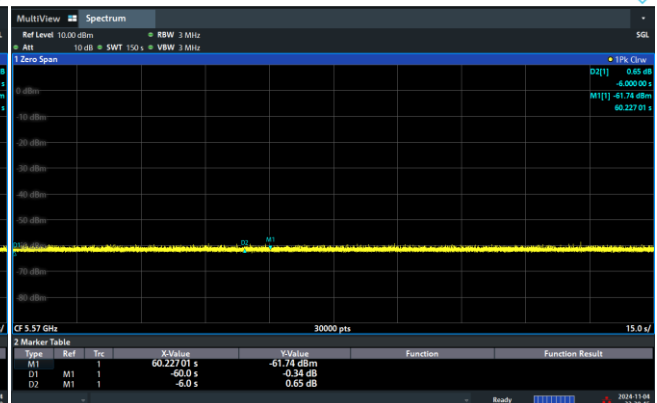
<160MHz / 5570MHz>

**EUT Power up and
Initial Channel Availability Check Time**

10:18:41 PM 11/04/2024

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

10:22:50 PM 11/04/2024

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

10:29:46 PM 11/04/2024

Marker 1: End of Channel Availability Check

Marker 2(Delta1): 60 seconds before End of Channel Availability Check

Marker 3(Delta2): 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

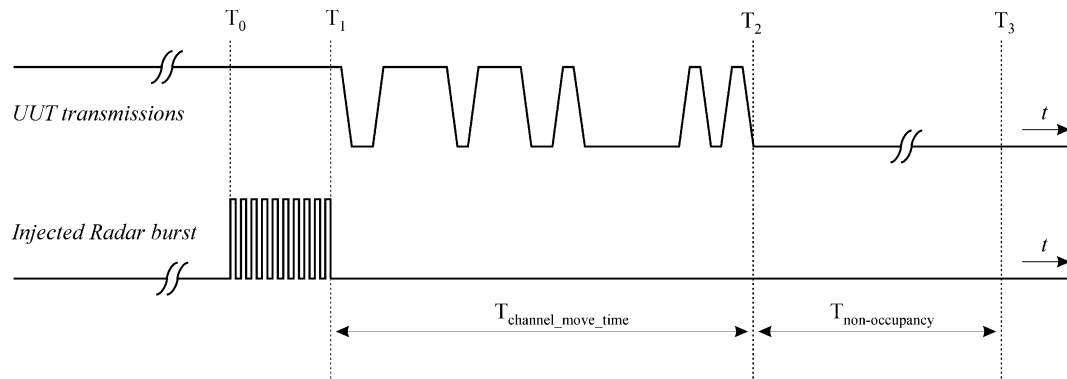
The EUT has In-Service Monitoring function to continuously monitor the radar signals, If radar is detected, it must leave the channel (Shutdown). The Channel Move Time to cease all transmissions on the current Channel upon detection of a Radar Waveform above the DFS Detection Threshold within 10 sec.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

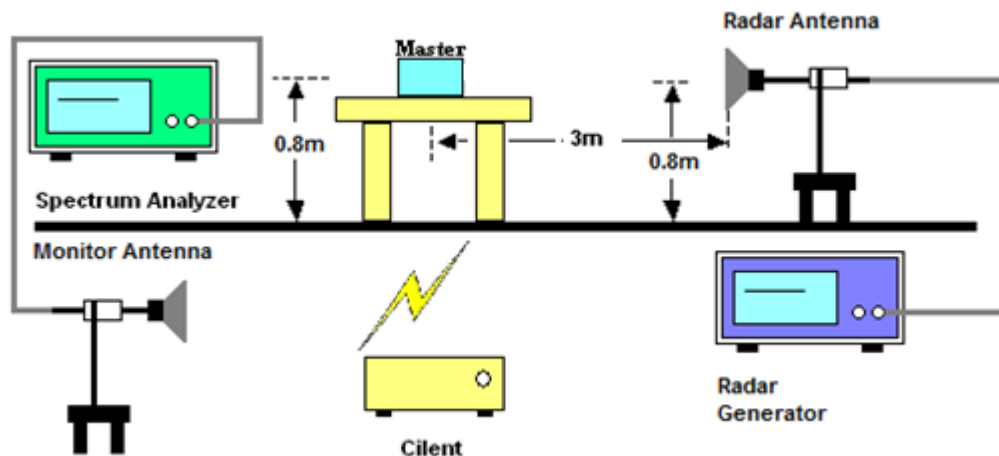
- (1) One frequency will be chosen from the Operating Channels of the EUT within the 5250-5350 MHz or 5470-5725 MHz bands. For 802.11 devices, the test frequency must contain control signals. This can be verified by disabling channel loading and monitoring the spectrum analyzer. If no control signals 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.

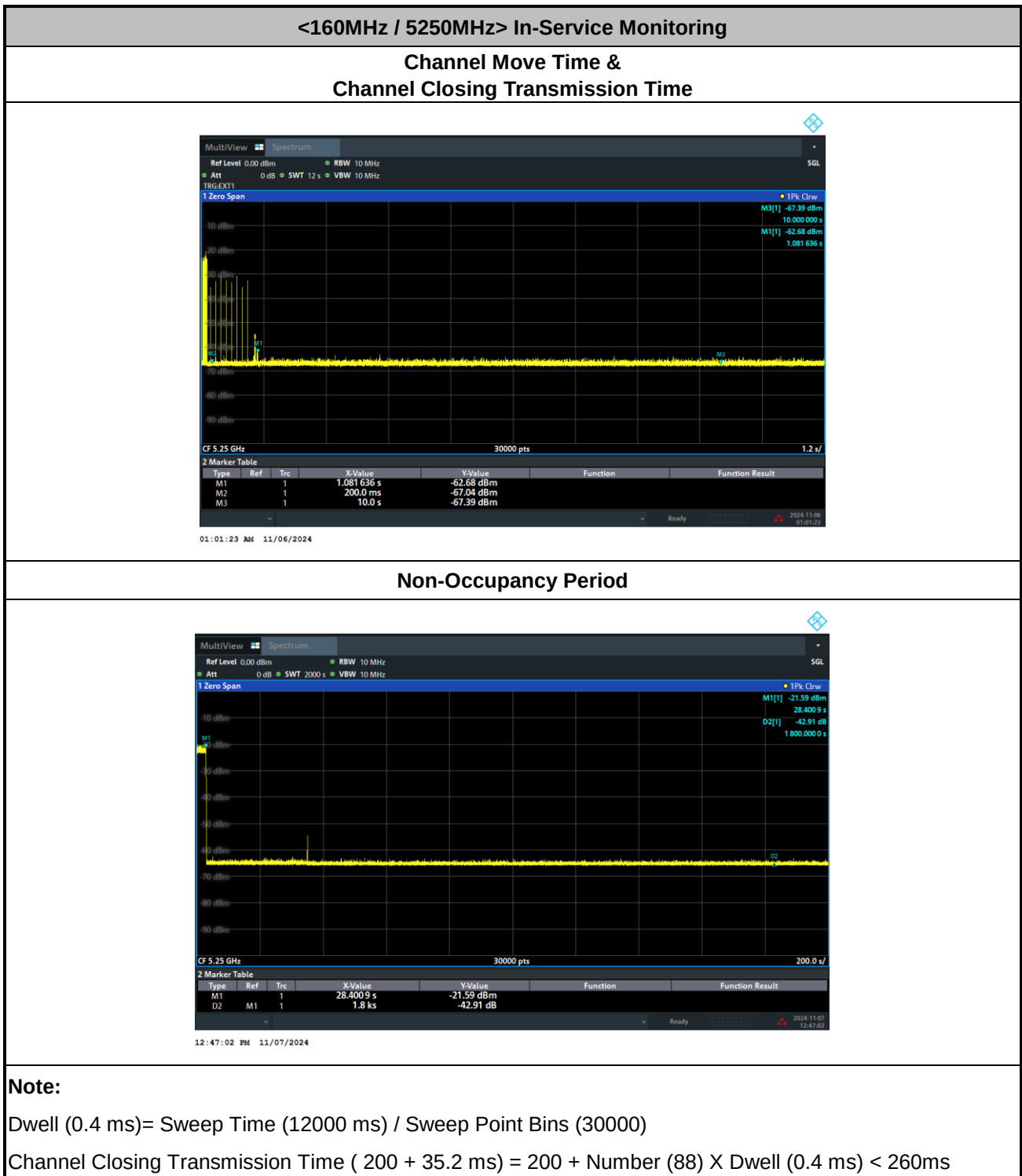
3.4.5 Result of Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period for Client Beacon Test

Test Mode :	Master	Temperature :	21.3 ~ 24.5 °C
Test Engineer :	Rebecca Li and Ivy Yeh	Relative Humidity :	46.7 ~ 52.3 %

BW / Channel	Test Item	Test Result	Limit	Pass/Fail
<160MHz / 5250MHz>	Channel Move Time	1.081636s	< 10s	Pass
	Channel Closing Transmission Time	200ms + 35.2ms	< 260ms	Pass
	Non-Occupancy Period	> 30 min	> 30 min	Pass
<160MHz / 5570MHz>	Channel Move Time	0.790826s	< 10s	Pass
	Channel Closing Transmission Time	200ms + 4.8ms	< 260ms	Pass
	Non-Occupancy Period	> 30 min	> 30 min	Pass

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

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



<160MHz / 5570MHz> In-Service Monitoring
**Channel Move Time &
Channel Closing Transmission Time**

Non-Occupancy Period

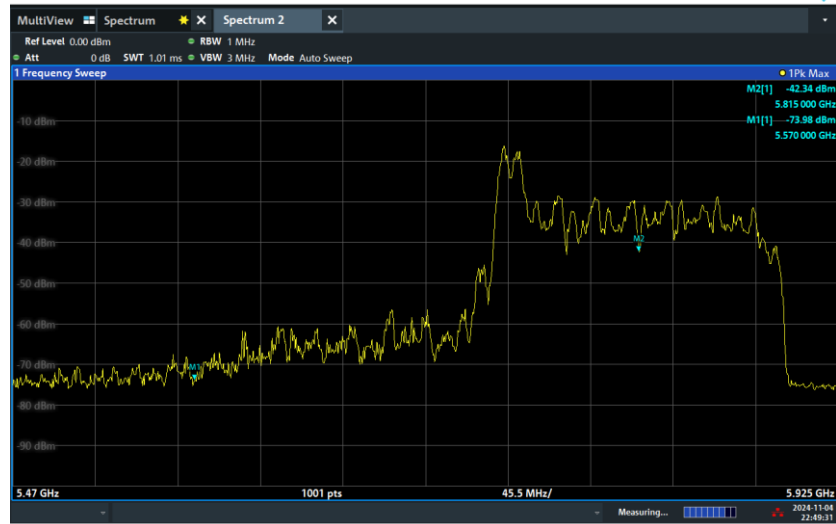
Note:

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

Channel Closing Transmission Time (200 + 4.8 ms) = 200 + Number (12) X Dwell (0.4 ms) < 260ms

<160MHz / 5570MHz> In-Service Monitoring

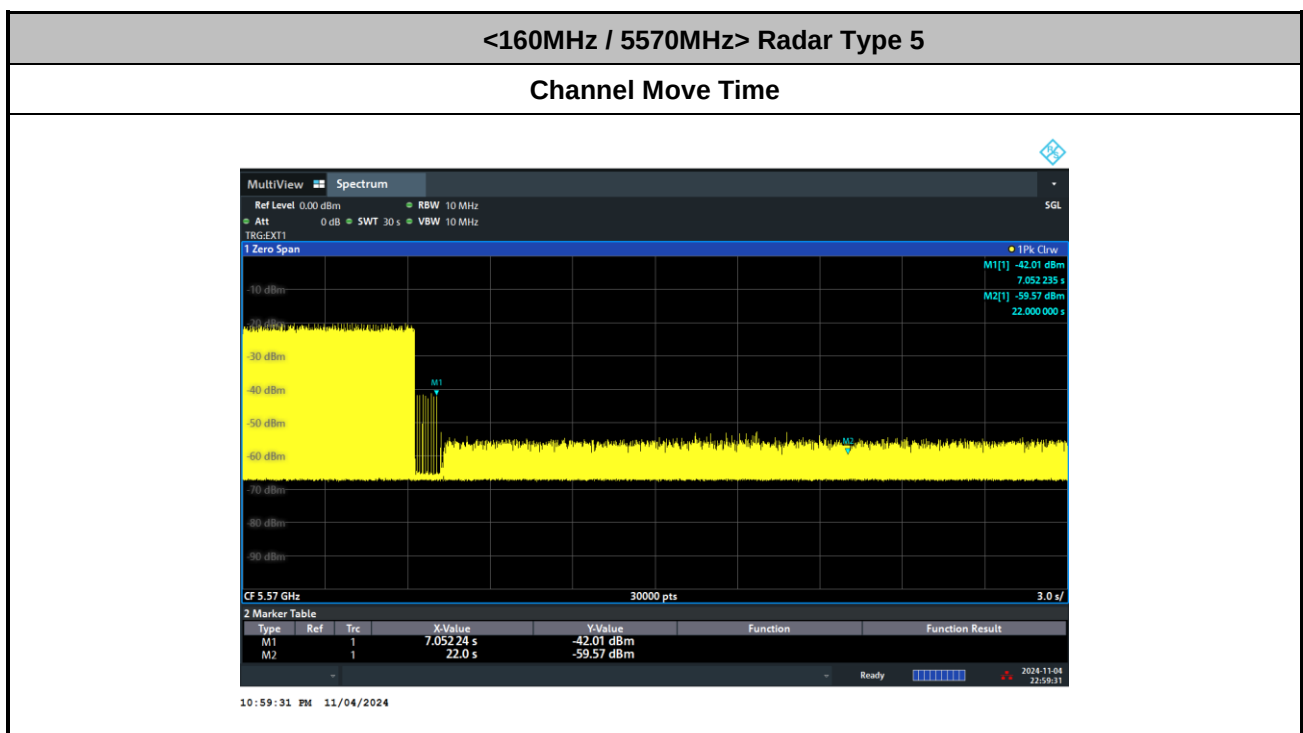
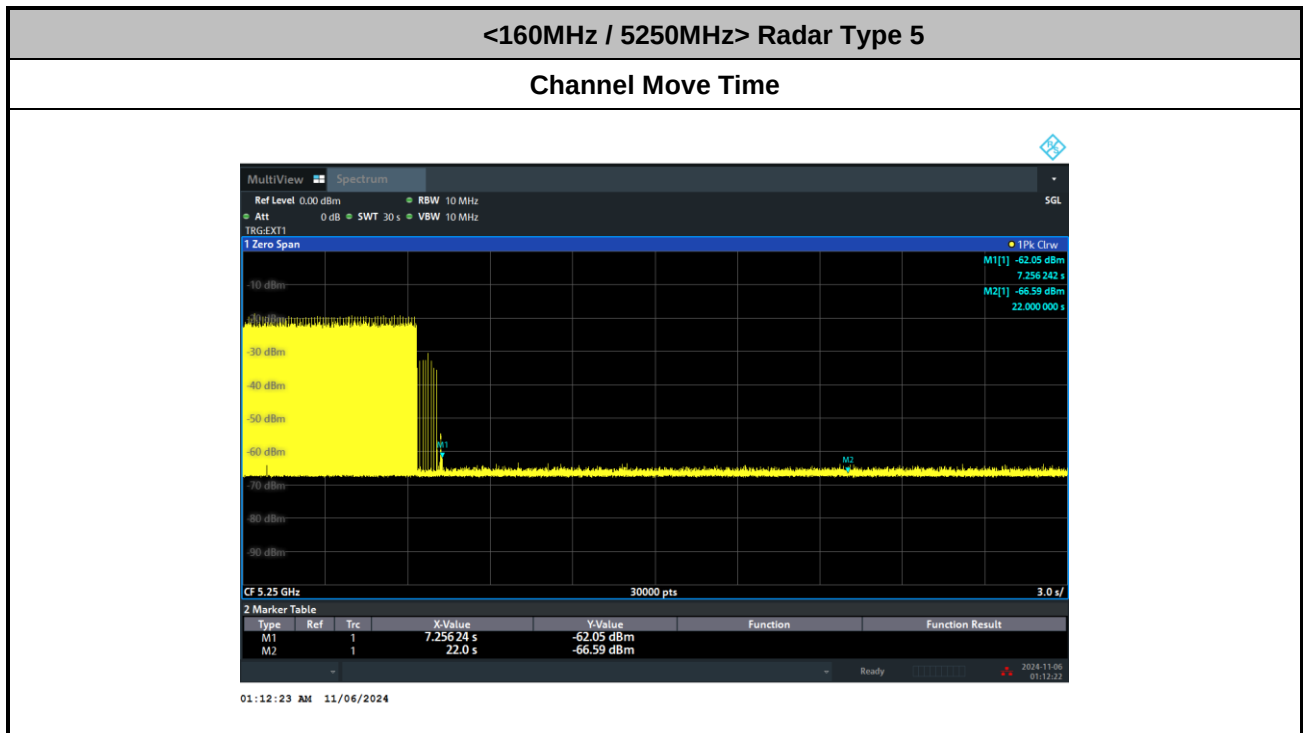
Remaining active signal



10:49:32 PM 11/04/2024



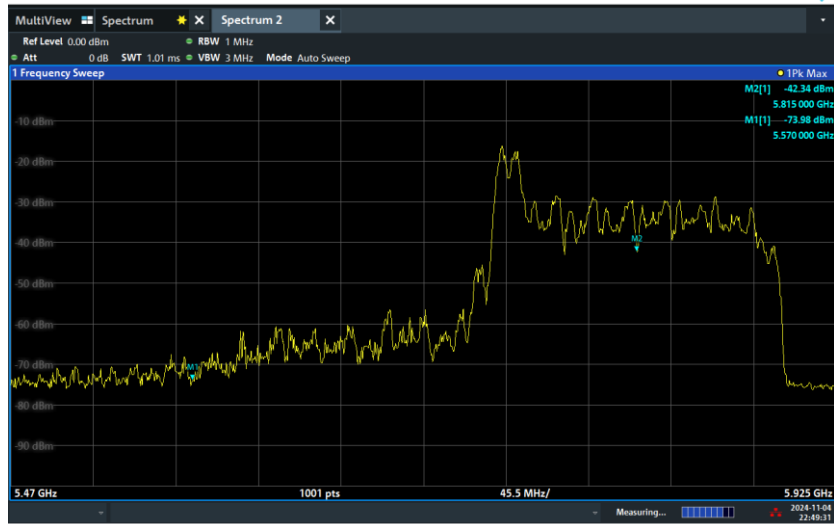
3.4.7 Long Pulsed Radar Type Channel Move Time Test Plots (22second)





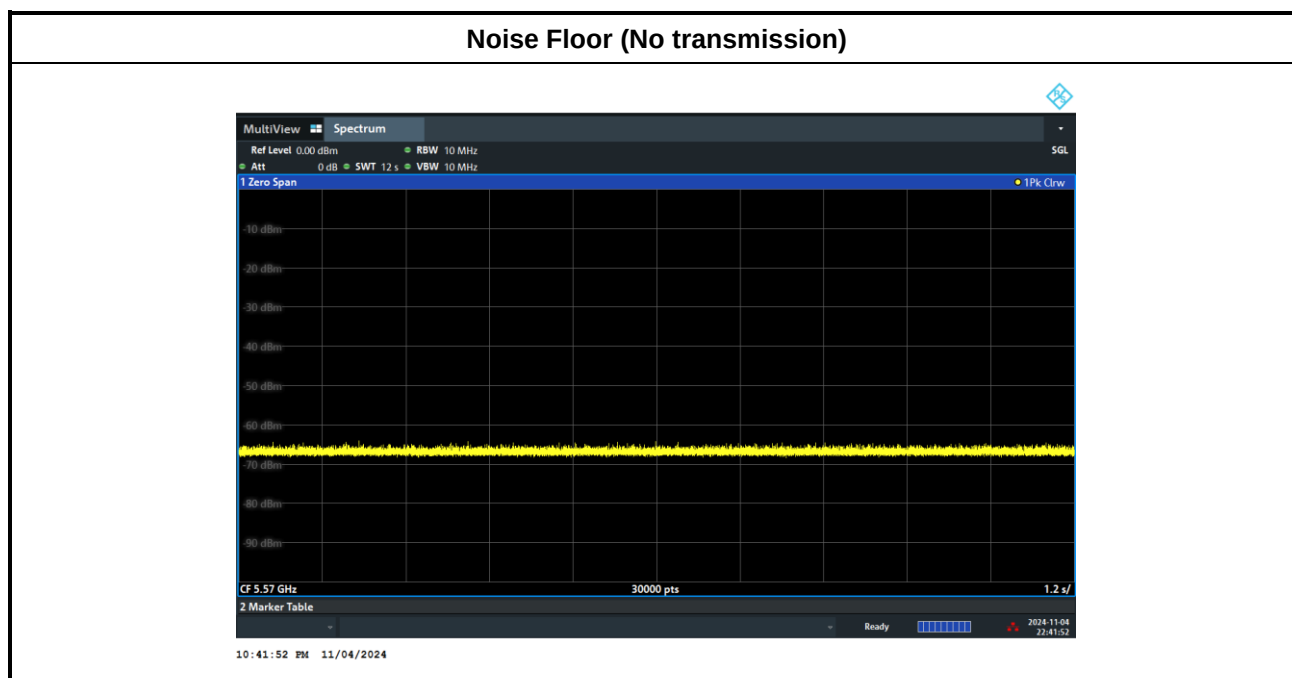
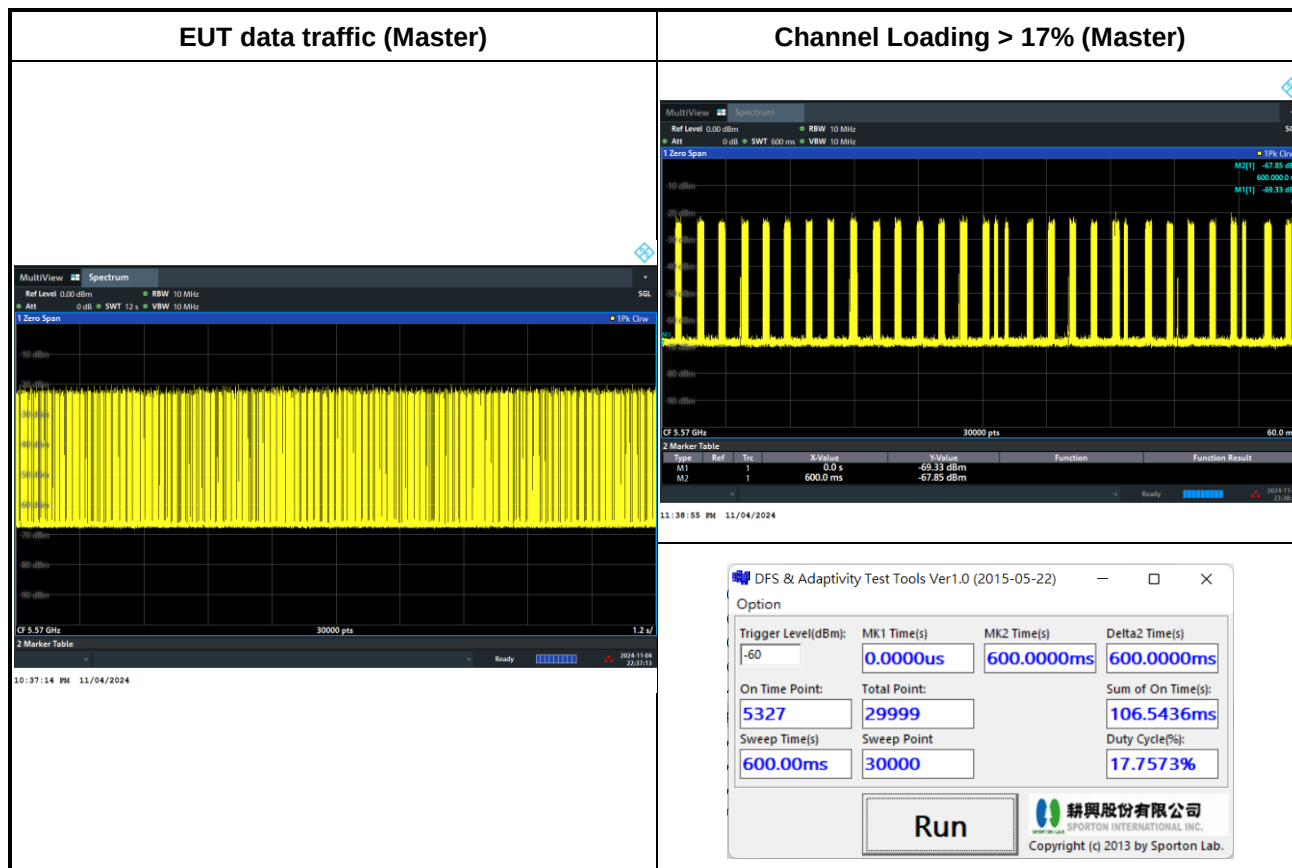
<160MHz / 5570MHz> Radar Type 5

Remaining active signal



10:49:32 PM 11/04/2024

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.

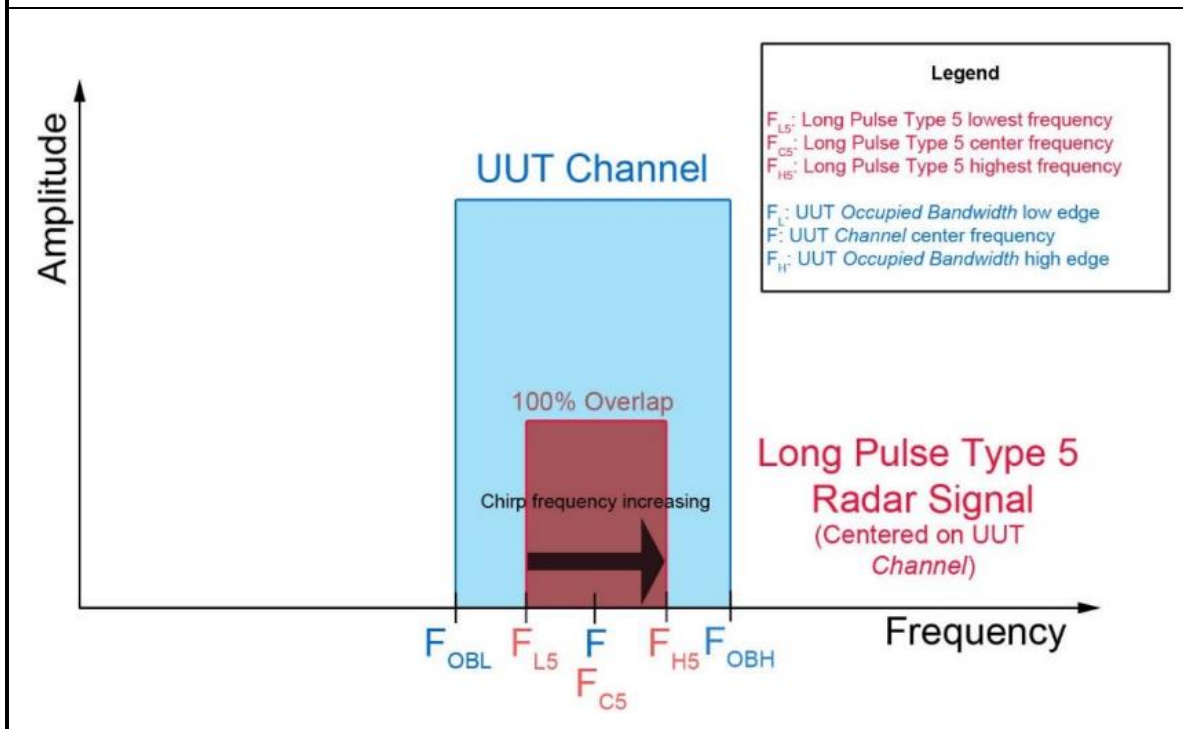
For subset case 2: to retain 90% frequency overlap between the radar signal and the UUT Occupied Bandwidth, the center frequency of the signal generator will vary for each of the ten trials in subset case 2.

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

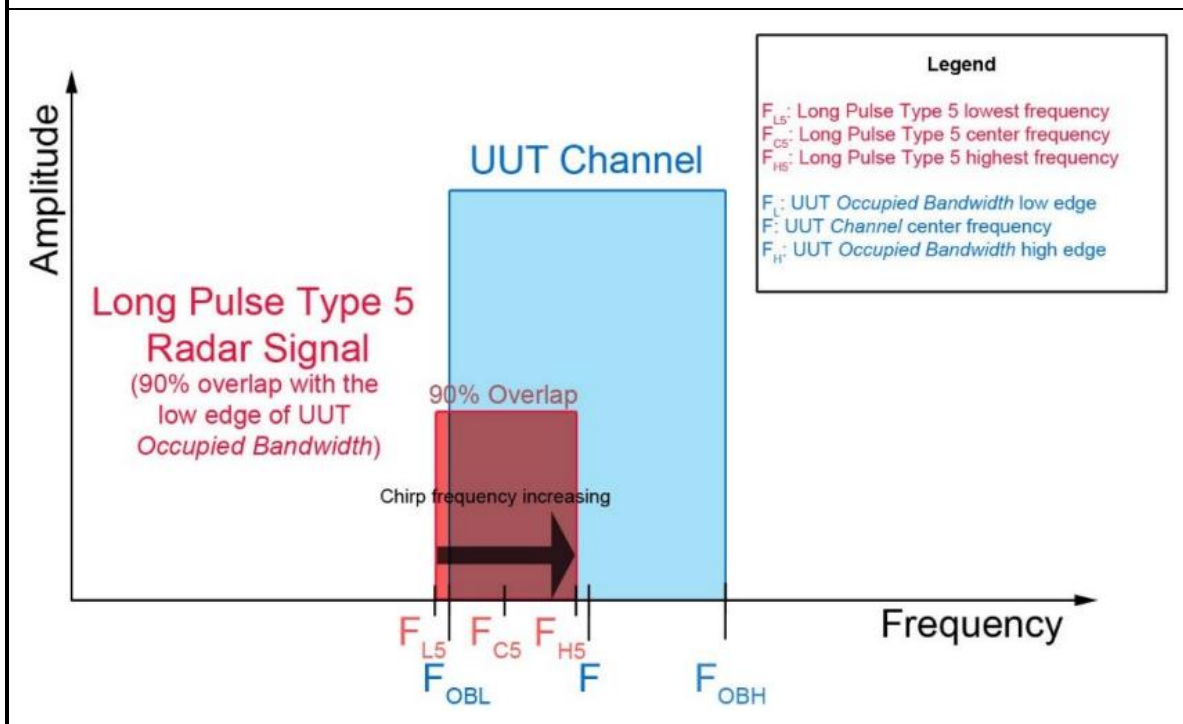
For subset case 3: to retain 90% frequency overlap between the radar signal and the UUT Occupied Bandwidth, the center frequency of the signal generator will vary for each of the ten trials in subset case 3.

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

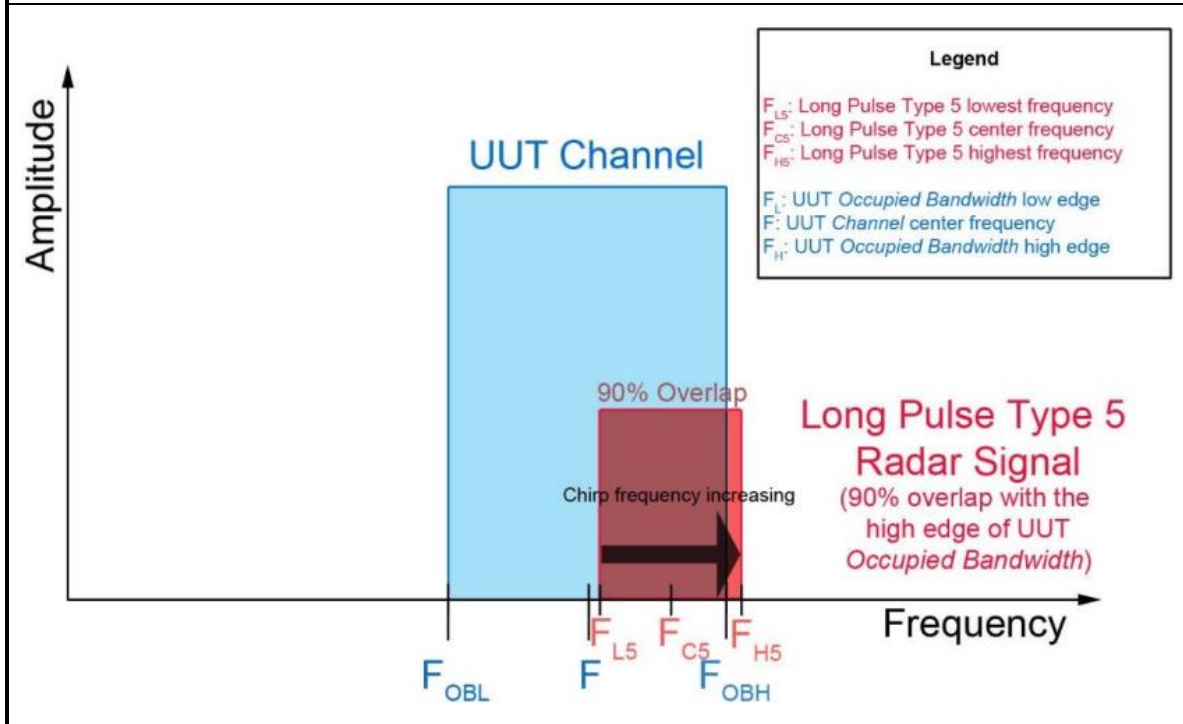
a) Channel center frequency (subset case 1)



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

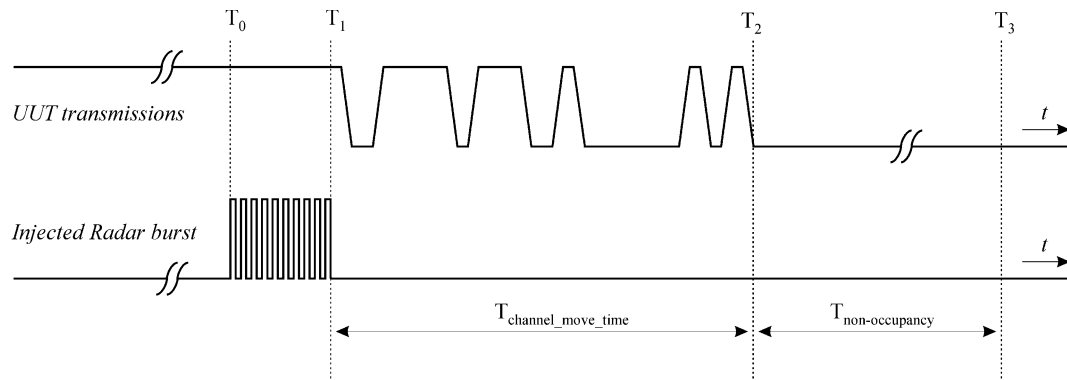
Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

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:

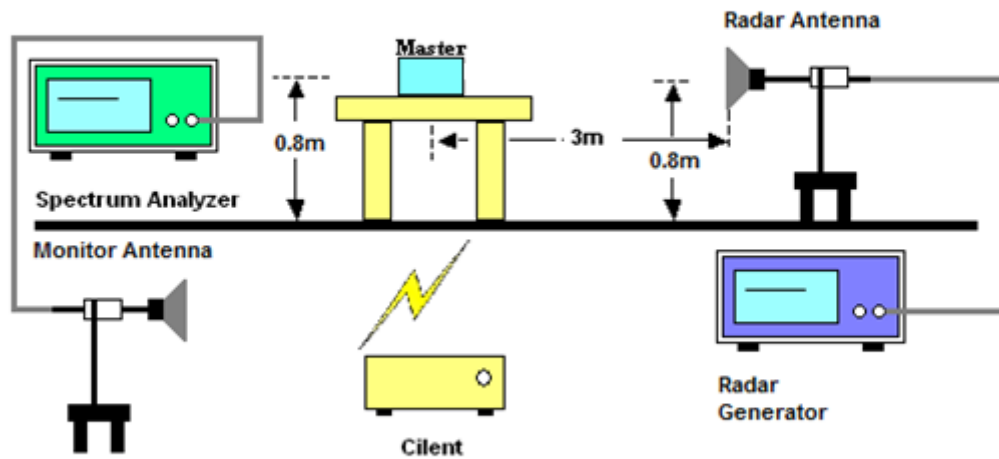
The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250 – 5724 MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues 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 /5300MHz>

(Detection = Y, No Detection = N)						
Trial Number	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6
1	Y	Y	Y	Y	Y	Y
2	Y	Y	N	Y	Y	Y
3	Y	Y	Y	N	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	N	Y	Y
10	Y	Y	Y	Y	Y	Y
11	Y	N	Y	Y	Y	Y
12	Y	Y	Y	Y	Y	Y
13	Y	Y	Y	Y	Y	Y
14	Y	Y	Y	N	Y	Y
15	Y	Y	Y	Y	Y	Y
16	Y	Y	N	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	N	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	N	N	Y	Y
28	Y	Y	N	Y	Y	Y
29	Y	Y	Y	Y	Y	Y
30	Y	Y	Y	Y	Y	Y
Trial of Detection	30/30	29/30	26/30	25/30	30/30	30/30
Probability (%)	100%	96.67%	86.67%	83.33%	100%	100%
Limit (%)	≥ 60%	≥ 60%	≥ 60%	≥ 60%	≥ 80%	≥ 70%
Average Probability of Radar Type 1~4 (%)			91.67% (≥ 80%)			



<40MHz /5310MHz>

(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	N	Y	Y
8	Y	Y	Y	Y	Y	Y
9	Y	Y	Y	Y	Y	Y
10	Y	Y	Y	Y	Y	Y
11	Y	Y	Y	Y	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	N	Y	Y	N	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	N	Y	Y	Y	Y	Y
26	Y	Y	Y	Y	Y	Y
27	Y	Y	Y	Y	Y	Y
28	N	Y	Y	Y	Y	Y
29	Y	Y	Y	Y	Y	Y
30	Y	Y	Y	Y	Y	Y
Trial of Detection	27/30	30/30	30/30	28/30	30/30	30/30
Probability (%)	90%	100%	100%	93.33%	100%	100%
Limit (%)	≥ 60%	≥ 60%	≥ 60%	≥ 60%	≥ 80%	≥ 70%
Average Probability of Radar Type 1~4 (%)			95.83% (≥ 80%)			

<80MHz /5290MHz>

(Detection = Y, No Detection = N)						
Trial Number	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6
1	Y	Y	N	Y	N	Y
2	Y	Y	Y	Y	Y	Y
3	Y	N	N	Y	Y	Y
4	Y	N	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y
6	Y	Y	N	N	Y	Y
7	Y	N	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	N	Y	Y
13	Y	Y	Y	Y	Y	Y
14	Y	Y	Y	Y	N	Y
15	Y	Y	Y	Y	Y	Y
16	Y	Y	N	N	Y	Y
17	Y	Y	Y	N	Y	Y
18	Y	N	N	Y	Y	Y
19	Y	Y	Y	Y	Y	Y
20	Y	Y	Y	Y	Y	Y
21	Y	N	Y	N	Y	Y
22	Y	Y	Y	Y	Y	Y
23	Y	Y	Y	N	Y	Y
24	Y	Y	Y	Y	Y	Y
25	Y	Y	Y	Y	Y	Y
26	Y	Y	Y	Y	Y	Y
27	Y	Y	Y	N	N	Y
28	Y	Y	Y	Y	Y	Y
29	Y	Y	N	Y	Y	Y
30	Y	Y	Y	Y	Y	Y
Trial of Detection	30/30	25/30	24/30	23/30	27/30	30/30
Probability (%)	100%	83.33%	80%	76.67%	90%	100%
Limit (%)	≥ 60%	≥ 60%	≥ 60%	≥ 60%	≥ 80%	≥ 70%
Average Probability of Radar Type 1~4 (%)			85.00% (≥ 80%)			



<160MHz /5250MHz>

(Detection = Y, No Detection = N)						
Trial Number	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6
1	Y	Y	Y	Y	Y	Y
2	Y	Y	N	Y	Y	Y
3	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y
5	Y	Y	N	Y	Y	Y
6	Y	Y	Y	Y	Y	Y
7	Y	Y	Y	Y	Y	Y
8	Y	N	Y	Y	Y	Y
9	Y	Y	N	Y	Y	Y
10	Y	Y	N	Y	Y	Y
11	Y	Y	Y	N	Y	Y
12	Y	Y	Y	Y	Y	Y
13	Y	Y	Y	Y	Y	Y
14	Y	Y	N	N	Y	Y
15	Y	Y	Y	N	Y	Y
16	Y	Y	N	Y	Y	Y
17	N	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	N	Y
23	Y	Y	Y	Y	Y	Y
24	N	Y	Y	Y	N	Y
25	Y	Y	N	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	N	Y	N	Y	Y
Trial of Detection	28/30	28/30	23/30	26/30	28/30	30/30
Probability (%)	93.33%	93.33%	76.67%	86.67%	93.33%	100%
Limit (%)	≥ 60%	≥ 60%	≥ 60%	≥ 60%	≥ 80%	≥ 70%
Average Probability of Radar Type 1~4 (%)			87.50% (≥ 80%)			



<20MHz /5500MHz>

(Detection = Y, No Detection = N)						
Trial Number	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6
1	Y	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	Y	Y
7	Y	Y	Y	Y	Y	Y
8	Y	Y	Y	Y	Y	Y
9	Y	Y	Y	Y	Y	Y
10	Y	Y	N	Y	Y	Y
11	Y	Y	Y	Y	Y	Y
12	Y	Y	Y	Y	Y	Y
13	Y	Y	Y	N	Y	Y
14	Y	Y	Y	Y	Y	Y
15	Y	Y	Y	Y	Y	Y
16	Y	Y	Y	Y	Y	Y
17	Y	Y	Y	Y	Y	Y
18	N	Y	Y	Y	Y	Y
19	Y	Y	N	N	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	N	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	N	N	Y	Y
30	Y	Y	Y	Y	Y	Y
Trial of Detection	29/30	30/30	27/30	26/30	30/30	30/30
Probability (%)	96.67%	100%	90%	86.67%	100%	100%
Limit (%)	≥ 60%	≥ 60%	≥ 60%	≥ 60%	≥ 80%	≥ 70%
Average Probability of Radar Type 1~4 (%)			93.33% (≥ 80%)			



<40MHz /5510MHz>

(Detection = Y, No Detection = N)						
Trial Number	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6
1	Y	Y	Y	Y	Y	Y
2	Y	Y	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	N	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	N	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	N	Y	Y
Trial of Detection	29/30	30/30	29/30	29/30	30/30	30/30
Probability (%)	96.67%	100%	96.67%	96.67%	100%	100%
Limit (%)	≥ 60%	≥ 60%	≥ 60%	≥ 60%	≥ 80%	≥ 70%
Average Probability of Radar Type 1~4 (%)			97.50% (≥ 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	N	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	N	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	N	Y	Y	Y
24	Y	Y	Y	N	Y	Y
25	Y	Y	Y	Y	Y	Y
26	Y	Y	Y	Y	Y	Y
27	Y	Y	Y	N	Y	Y
28	Y	Y	Y	Y	Y	Y
29	Y	Y	Y	Y	Y	Y
30	Y	Y	Y	Y	N	Y
Trial of Detection	29/30	30/30	29/30	27/30	29/30	30/30
Probability (%)	96.67%	100%	96.67%	90%	96.67%	100%
Limit (%)	≥ 60%	≥ 60%	≥ 60%	≥ 60%	≥ 80%	≥ 70%
Average Probability of Radar Type 1~4 (%)			95.83% (≥ 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	N	Y	Y
2	Y	Y	N	Y	Y	Y
3	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	Y	Y
7	Y	Y	Y	Y	Y	Y
8	Y	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	N	Y	Y	Y
16	Y	Y	N	Y	Y	Y
17	Y	Y	Y	N	Y	Y
18	N	Y	Y	Y	Y	Y
19	Y	N	N	N	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	N	Y
25	Y	Y	Y	N	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	N	Y	Y
30	Y	Y	Y	Y	Y	Y
Trial of Detection	29/30	29/30	26/30	25/30	29/30	30/30
Probability (%)	96.67%	96.67%	86.67%	83.33%	96.67%	100%
Limit (%)	≥ 60%	≥ 60%	≥ 60%	≥ 60%	≥ 80%	≥ 70%
Average Probability of Radar Type 1~4 (%)			90.83% (≥ 80%)			



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Signal Generator	Keysight	N5182B	MY56200377	9kHz~6GHz	Apr. 18, 2024	Nov. 04, 2024~ Nov. 13, 2024	Apr. 17, 2025	DFS (03CH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV3013	101549	10Hz~13.6GHz	Jan. 30, 2024	Nov. 04, 2024~ Nov. 13, 2024	Jan. 29, 2025	DFS (03CH05-HY)
Double Ridged Guide Horn Antenna	COM-POWER	AH-118	071027	1GHz~18GHz	Dec. 20, 2023	Nov. 04, 2024~ Nov. 13, 2024	Dec. 19, 2024	DFS (03CH05-HY)
Double Ridged Guide Horn Antenna	COM-POWER	AH-118	071025	1GHz~18GHz	Nov. 27, 2023	Nov. 04, 2024~ Nov. 13, 2024	Nov. 26, 2024	DFS (03CH05-HY)
Software 1	Sporton	DFS & AdaptivityTest Tools	N/A	Ver 1.0	NCR	Nov. 04, 2024~ Nov. 13, 2024	NCR	DFS (03CH05-HY)
Software 2	Keysight	Keysight Signal Studio for DFS Radar Profiles	N/A	Ver 1.5.5.0	NCR	Nov. 04, 2024~ Nov. 13, 2024	NCR	DFS (03CH05-HY)



Appendix A. DFS Radar Parameters

Channel 60 Bandwidth 20MHz

DFS Radar Parameters
FCC Radar Type 1
Channel 60 Bandwidth 20MHz

Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	5	1672.24	598	Yes
2	13	1319.26	758	Yes
3	16	1222.49	818	Yes
4	19	1138.95	878	Yes
5	22	1066.10	938	Yes
6	18	1165.50	858	Yes
7	3	1792.11	558	Yes
8	23	326.16	3066	Yes
9	1	1930.50	518	Yes
10	2	1858.74	538	Yes
11	4	1730.10	578	Yes
12	10	1432.66	698	Yes
13	20	1113.59	898	Yes
14	6	1618.12	618	Yes
15	11	1392.76	718	Yes
16		933.71	1071	Yes
17		368.60	2713	Yes
18		336.36	2973	Yes
19		366.17	2731	Yes
20		392.00	2551	Yes
21		1013.17	987	Yes
22		1226.99	815	Yes
23		772.80	1294	Yes
24		333.44	2999	Yes
25		509.94	1961	Yes
26		1410.44	709	Yes
27		594.88	1681	Yes
28		438.02	2283	Yes
29		791.77	1263	Yes
30		387.00	2584	Yes

DFS Radar Parameters
FCC Radar Type 2
Channel 60 Bandwidth 20MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	24	1.90	223	Yes
2	24	2.00	222	Yes
3	29	4.60	182	Yes
4	27	3.80	214	Yes
5	27	3.70	209	Yes
6	27	3.80	177	Yes
7	26	2.70	155	Yes
8	29	4.60	204	Yes
9	27	3.50	207	Yes
10	27	3.50	158	Yes
11	24	2.10	193	No
12	29	5.00	196	Yes
13	25	2.40	217	Yes
14	25	2.40	208	Yes
15	23	1.40	153	Yes
16	25	2.10	206	Yes
17	29	4.90	174	Yes
18	28	4.00	226	Yes
19	28	3.90	216	Yes
20	29	4.80	215	Yes
21	26	3.00	210	Yes
22	25	2.20	229	Yes
23	27	3.70	230	Yes
24	24	1.60	162	Yes
25	25	2.50	179	Yes
26	26	2.80	189	Yes
27	26	3.10	194	Yes
28	25	2.50	190	Yes
29	26	3.30	160	Yes
30	26	2.70	166	Yes

DFS Radar Parameters
FCC Radar Type 3
Channel 60 Bandwidth 20MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	16	6.90	497	Yes
2	16	7.00	446	No
3	18	9.60	364	Yes
4	18	8.80	432	Yes
5	17	8.70	481	Yes
6	18	8.80	238	Yes
7	17	7.70	268	Yes
8	18	9.60	267	Yes
9	17	8.50	204	Yes
10	17	8.50	249	Yes
11	16	7.10	212	Yes
12	18	10.00	494	Yes
13	17	7.40	403	Yes
14	17	7.40	236	Yes
15	16	6.40	437	Yes
16	16	7.10	349	No
17	18	9.90	345	Yes
18	18	9.00	429	Yes
19	18	8.90	205	Yes
20	18	9.80	416	Yes
21	17	8.00	323	Yes
22	16	7.20	362	Yes
23	17	8.70	258	Yes
24	16	6.60	283	Yes
25	17	7.50	401	Yes
26	17	7.80	230	Yes
27	17	8.10	301	No
28	17	7.50	319	No
29	17	8.30	460	Yes
30	17	7.70	326	Yes

DFS Radar Parameters
FCC Radar Type 4
Channel 60 Bandwidth 20MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	13	13.20	497	Yes
2	13	13.20	446	Yes
3	16	19.10	364	No
4	15	17.30	432	Yes
5	15	17.00	481	Yes
6	15	17.30	238	Yes
7	14	14.90	268	Yes
8	16	19.00	267	Yes
9	15	16.70	204	No
10	15	16.60	249	Yes
11	13	13.50	212	Yes
12	16	20.00	494	Yes
13	13	14.20	403	Yes
14	13	14.20	236	No
15	12	11.90	437	Yes
16	13	13.60	349	Yes
17	16	19.60	345	Yes
18	15	17.60	429	Yes
19	15	17.50	205	Yes
20	16	19.50	416	Yes
21	14	15.50	323	Yes
22	13	13.80	362	Yes
23	15	17.00	258	No
24	12	12.30	283	Yes
25	13	14.40	401	Yes
26	14	15.00	230	Yes
27	14	15.70	301	No
28	13	14.40	319	Yes
29	14	16.10	460	Yes
30	14	14.90	326	Yes

DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	62.1	8	-	-	528800
2	1	62.2	8	-	-	792774
3	3	94.6	8	1064	1365	1054423
4	3	84.9	8	1920	1839	231321
5	2	83	8	1255	-	495625
6	3	85.1	8	1004	1745	758357
7	2	71.5	8	1715	-	1022962
8	3	94.5	8	1179	1219	199172
9	2	81.5	8	1657	-	463163
10	2	81	8	1527	-	727045
11	1	63.9	8	-	-	992224
12						
13						
14						
15						
16						
17						
18						
19						
20						

Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	99.9	8	1243	1410	166606
2	2	67.8	8	1047	-	430714
3	2	68	8	1304	-	694440
4	1	55	8	-	-	959287
5	1	64.5	8	-	-	134437
6	3	97.7	8	1626	1433	397529
7	3	86.8	8	1443	1640	661151
8	3	85.8	8	1040	1485	925045
9	3	96.9	8	1071	1173	101715
10	2	75.1	8	1646	-	365703
11	1	65.6	8	-	-	630042
12						
13						
14						
15						
16						
17						
18						
19						
20						

DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	83.3	19	1422	-	516305
2	1	57.6	19	-	-	40133
3	2	69.1	19	1890	-	192420
4	2	72.5	19	1685	-	344924
5	2	76.1	19	1785	-	496744
6	2	69.1	19	1850	-	21233
7	2	78.5	19	1792	-	173670
8	2	71.6	19	1953	-	325648
9	1	62.6	19	-	-	479960
10	3	87.9	19	1494	1279	2448
11	3	97.5	19	1400	1748	154446
12	3	87.5	19	1758	1017	306859
13	3	91.3	19	1487	1212	458582
14	2	69.3	19	1210	-	612878
15	1	53.9	19	-	-	136489
16	1	61	19	-	-	289328
17	3	91.4	19	1067	1595	440545
18	2	67.9	19	1812	-	593526
19	2	77	19	1616	-	117375
20						

Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	50	16	-	-	302296
2	1	62.4	16	-	-	472948
3	3	99.3	16	1903	1113	640892
4	2	77.8	16	1832	-	110186
5	1	62.6	16	-	-	281465
6	2	77.9	16	1918	-	450873
7	1	62.5	16	-	-	622924
8	1	63	16	-	-	89357
9	1	66.6	16	-	-	260424
10	2	75.8	16	1582	-	430305
11	2	81	16	1438	-	600361
12	1	54.4	16	-	-	68363
13	1	51	16	-	-	239212
14	1	53.5	16	-	-	410231
15	3	96.6	16	1726	1844	577678
16	2	79	16	1052	-	47251
17	3	86.9	16	1481	1725	217094
18						
19						
20						

DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	65.7	15	-	-	413284
2	1	60.5	15	-	-	595238
3	1	59	15	-	-	27925
4	1	52.4	15	-	-	209450
5	1	65.9	15	-	-	391192
6	1	59.9	15	-	-	572193
7	2	68.3	15	1098	-	5559
8	2	76.1	15	1163	-	186907
9	1	52.3	15	-	-	368692
10	2	80.4	15	1680	-	548993
11	2	76.8	15	1924	-	730087
12	3	85.7	15	1593	1087	164121
13	1	60.6	15	-	-	346178
14	3	86.7	15	1784	1355	525280
15	3	95.4	15	1328	1061	707516
16	2	67.8	15	1679	-	142127
17						
18						
19						
20						

Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	69.9	16	1991	-	303947
2	2	75.1	16	1078	-	474727
3	1	53.1	16	-	-	646672
4	3	84	16	1314	1408	112585
5	2	79.8	16	1033	-	283225
6	1	56.4	16	-	-	454694
7	3	94.7	16	1863	1906	622508
8	1	63.5	16	-	-	91883
9	1	56	16	-	-	262870
10	1	61.8	16	-	-	433639
11	3	95.9	16	1926	1372	601587
12	2	81.7	16	1689	-	70702
13	3	83.4	16	1782	1772	240592
14	3	96.5	16	1309	1722	410864
15	3	83.9	16	2000	1215	580881
16	3	94.7	16	1935	1843	49537
17	3	90.3	16	1673	1931	219519
18						
19						
20						

DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	67	11	1664	-	511507
2	3	95.3	11	1435	1424	733306
3	2	80.9	11	1769	-	37569
4	1	58.9	11	-	-	261054
5	2	74.6	11	1346	-	483828
6	3	84.2	11	1195	1367	706292
7	1	52.5	11	-	-	10120
8	2	81	11	1266	-	233282
9	1	51.7	11	-	-	457212
10	1	60.3	11	-	-	680926
11	3	97.6	11	1382	1833	900762
12	3	85.8	11	1224	1073	205657
13	2	77.3	11	1614	-	428674
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	56	19	-	-	446308
2	3	89.1	19	1736	1025	596962
3	3	85.6	19	1290	1601	121522
4	3	86.6	19	1350	1955	273384
5	2	81.1	19	1302	-	426829
6	2	78.5	19	1476	-	578945
7	3	93.4	19	1387	1989	102777
8	3	95.1	19	1167	1731	255086
9	1	57.1	19	-	-	409037
10	1	59.3	19	-	-	561970
11	1	65.9	19	-	-	84427
12	3	95.5	19	1051	1760	236259
13	3	96.4	19	1343	1310	388197
14	1	54	19	-	-	543264
15	1	64	19	-	-	65597
16	3	86.6	19	1334	1136	217685
17	3	92.7	19	1864	1739	368846
18	1	55.9	19	-	-	523764
19	3	96.5	19	1106	1997	46558
20						

DFS Radar Parameters
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Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	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	82.1	15	1349	-	236746
2	3	95.4	15	1111	1272	417281
3	3	93.7	15	1800	1618	597528
4	3	91.4	15	1430	1134	33121
5	1	64.5	15	-	-	214700
6	1	58.9	15	-	-	396170
7	3	95.4	15	1020	1409	576252
8	3	90.9	15	1983	1037	10817
9	1	50.6	15	-	-	192417
10	1	52.9	15	-	-	373925
11	2	78.1	15	1484	-	554397
12	3	96.2	15	1059	1288	734512
13	3	97.2	15	1503	1629	169322
14	2	77.8	15	1705	-	350938
15	2	78.7	15	1859	-	531494
16	1	55.8	15	-	-	714495
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5300			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	56.7	14	-	-	147583
2	3	96.2	14	1550	1841	327904
3	3	96.8	14	1592	1228	508973
4	1	65.3	14	-	-	692108
5	1	55.3	14	-	-	125297
6	1	51.3	14	-	-	306747
7	3	95.3	14	1566	1442	486382
8	1	59.9	14	-	-	669497
9	3	86	14	1648	1987	102488
10	1	65	14	-	-	284374
11	1	63.4	14	-	-	465948
12	2	78.2	14	1317	-	646419
13	2	80.1	14	1660	-	80387
14	3	88.5	14	1650	1336	261254
15	3	94.4	14	1184	1471	442030
16	1	59	14	-	-	625232
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DFS Radar Parameters
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Channel 60 Bandwidth 20MHz

Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5294			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	54.4	9	-	-	84787
2	1	51	9	-	-	348864
3	1	53.6	9	-	-	613387
4	2	82	9	1156	-	876166
5	1	62.4	9	-	-	52187
6	3	97.8	9	1572	1856	315441
7	2	71.1	9	1239	-	580245
8	2	77.6	9	1910	-	843178
9	3	85.8	9	1913	1359	19608
10	3	87.7	9	1598	1556	283116
11	3	92.8	9	1479	1968	546563
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5298			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	92.1	20	1501	1193	444610
2	2	79	20	1564	-	589468
3	1	63.2	20	-	-	138159
4	2	68.7	20	1862	-	282158
5	2	67.6	20	1357	-	427441
6	2	67.6	20	1321	-	572473
7	3	98.3	20	1097	1220	119694
8	1	57.2	20	-	-	265532
9	3	90.5	20	2000	1319	407911
10	3	96	20	1194	1118	553232
11	3	90.6	20	1458	1091	101937
12	3	91.2	20	1943	1930	245923
13	2	80.7	20	1585	-	391789
14	1	50.1	20	-	-	537427
15	3	83.7	20	1063	1717	84022
16	1	55.4	20	-	-	229628
17	3	99.5	20	1917	1498	372679
18	3	95.6	20	1361	1065	517929
19	2	67.1	20	1427	-	66369
20	1	60.8	20	-	-	211810

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Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5294			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	62.1	10	-	-	595337
2	1	58.6	10	-	-	837847
3	2	69.1	10	1130	-	81138
4	3	91.8	10	1619	1848	322315
5	3	96.1	10	1470	1403	563695
6	2	74.1	10	1559	-	806558
7	3	96.8	10	1026	1053	51252
8	3	93.4	10	1773	1655	292564
9	1	59	10	-	-	535867
10	2	75	10	1589	-	776272
11	2	69.1	10	1213	-	21521
12	2	79.6	10	1462	-	263231
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5294			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	67.7	10	1512	-	505127
2	1	58.6	10	-	-	748063
3	1	53.1	10	-	-	990426
4	2	80.9	10	1992	-	233407
5	2	72.7	10	1961	-	475240
6	3	96.3	10	1490	1031	716271
7	3	95.8	10	1635	1337	957906
8	1	60.5	10	-	-	204115
9	2	81.8	10	1211	-	445604
10	2	81.2	10	1774	-	687389
11	1	53.8	10	-	-	930869
12	1	63	10	-	-	174180
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Channel 60 Bandwidth 20MHz

Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5292			Yes
Burst	Number of Pulses	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	63.8	6	-	-	555446
2	1	59.9	6	-	-	878105
3	2	72.9	6	1311	-	1200540
4	2	81.8	6	1721	-	192397
5	2	78.7	6	1223	-	515300
6	3	92.3	6	1038	1902	836499
7	2	71.6	6	1324	-	1160531
8	2	82.1	6	1464	-	152696
9	2	68.6	6	1152	-	475284
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5294			Yes
Burst	Number of Pulses	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	9	1154	-	652928
2	2	80.6	9	1370	-	916437
3	3	83.5	9	1119	1454	92206
4	1	59.9	9	-	-	356579
5	2	71.5	9	1303	-	620376
6	2	72.7	9	1250	-	883762
7	3	93.6	9	1286	1746	59728
8	2	70.8	9	1875	-	323506
9	1	54.9	9	-	-	588502
10	3	98.3	9	1967	1032	849961
11	1	65.4	9	-	-	27364
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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5298			Yes
Burst	Number of Pulses	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	20	1995	-	159553
2	1	60.9	20	-	-	305386
3	2	73.4	20	1080	-	449624
4	2	72.1	20	1780	-	594130
5	3	97.1	20	1360	1083	141701
6	1	52.8	20	-	-	287299
7	2	82.8	20	1548	-	431289
8	1	53.2	20	-	-	578155
9	3	99.8	20	1793	1450	123683
10	1	56.5	20	-	-	269526
11	2	79	20	1896	-	413606
12	2	80.9	20	1277	-	558826
13	1	54.7	20	-	-	106567
14	1	56	20	-	-	251618
15	2	77.9	20	1056	-	396324
16	3	86.2	20	1620	1096	539212
17	1	51.1	20	-	-	88609
18	1	65	20	-	-	233862
19	1	64.7	20	-	-	379160
20	2	66.8	20	1431	-	523113

Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5296			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	53.3	16	-	-	83345
2	3	87	16	1160	1536	253293
3	1	60.9	16	-	-	424772
4	3	90.9	16	1730	1374	593011
5	2	78	16	1015	-	62184
6	2	69.6	16	1034	-	232901
7	2	71	16	1486	-	403263
8	1	51.1	16	-	-	574506
9	2	73.6	16	1364	-	41126
10	1	52.2	16	-	-	212054
11	3	89.7	16	1342	1110	381482
12	2	76.9	16	1781	-	551993
13	2	83	16	1100	-	20159
14	3	88.4	16	1658	1441	190254
15	3	86.2	16	1363	1140	360826
16	1	52.8	16	-	-	532672
17	3	86.5	16	1570	1132	700825
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5296			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	50.8	16	-	-	169999
2	3	84.8	16	1973	1860	338893
3	2	75.9	16	1472	-	510219
4	1	59.5	16	-	-	682323
5	2	68.4	16	1551	-	148511
6	2	82.4	16	1704	-	318777
7	1	62	16	-	-	490270
8	3	97.9	16	1384	1466	658864
9	3	99.7	16	1005	1549	127379
10	2	78.8	16	1242	-	298396
11	1	53.8	16	-	-	469339
12	3	93.7	16	1709	1245	637708
13	3	86.5	16	1509	1543	106448
14	3	92.4	16	1402	1329	276619
15	1	55.8	16	-	-	448427
16	3	90.2	16	1445	1507	616373
17	2	81.4	16	1661	-	85573
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Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5298			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	62.1	20	-	-	218001
2	3	89.8	20	1522	1826	360971
3	1	50	20	-	-	508090
4	2	82.6	20	1899	-	54877
5	3	94.2	20	1021	1000	199676
6	2	77.4	20	1306	-	344607
7	2	81.8	20	1698	-	489025
8	2	81.6	20	1729	-	37036
9	2	79.6	20	1151	-	181937
10	3	97.6	20	1141	1928	325760
11	2	66.8	20	1252	-	471418
12	1	52.1	20	-	-	19272
13	3	97.9	20	1929	1735	163426
14	1	66.3	20	-	-	309810
15	2	69.8	20	1399	-	453658
16	2	75	20	1320	-	1388
17	3	99.7	20	1583	1385	145702
18	1	50.3	20	-	-	291884
19	2	80.2	20	1229	-	435621
20	3	88.9	20	1959	1436	578984

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Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5305			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	57.2	13	-	-	183987
2	3	85	13	1923	1846	389789
3	1	54.6	13	-	-	599213
4	3	98.9	13	1762	1948	803311
5	3	93.1	13	1672	1612	157835
6	2	78.4	13	1627	-	365164
7	3	90.8	13	1816	1511	571420
8	2	67.2	13	1700	-	779663
9	1	57.5	13	-	-	132763
10	3	87.1	13	1738	1143	339368
11	1	59.8	13	-	-	547707
12	3	83.9	13	1809	1378	752387
13	3	86.7	13	1770	1411	106803
14	1	51.6	13	-	-	314928
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5306			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	76.3	9	1341	-	608400
2	3	96.4	9	1295	1380	849533
3	1	52.8	9	-	-	95338
4	1	53.9	9	-	-	337558
5	1	56.6	9	-	-	579668
6	1	57.4	9	-	-	822247
7	3	94.1	9	1437	1830	65327
8	2	77.9	9	1647	-	307232
9	3	88.9	9	1489	1449	547999
10	3	84.9	9	1621	1690	788994
11	3	95.2	9	1526	1720	35581
12	3	95.7	9	1090	1947	276989
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DFS Radar Parameters
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Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5304			Yes
Burst	Number of Pulses	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	51.7	15	-	-	389763
2	1	62.5	15	-	-	571338
3	3	84	15	1568	1845	4369
4	2	68.6	15	1377	-	185653
5	3	86.8	15	1547	1742	365780
6	3	92	15	1137	1453	547445
7	2	75.7	15	1201	-	729766
8	1	51.3	15	-	-	163554
9	2	74.1	15	1958	-	344179
10	2	77.2	15	1226	-	525695
11	3	85.2	15	1016	1677	705323
12	1	51.1	15	-	-	141252
13	3	89.6	15	1914	1192	321466
14	1	65.8	15	-	-	504101
15	3	86.6	15	1912	1231	682516
16	1	64.6	15	-	-	118844
17						
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5307			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	74.1	7	1170	-	533888
2	3	92.5	7	1940	1801	854750
3	3	87.7	7	1318	1986	1177443
4	2	83	7	1168	-	171546
5	1	65.4	7	-	-	494664
6	3	96.3	7	1207	1315	815860
7	3	90	7	1322	1909	1137841
8	2	73.5	7	1624	-	131690
9	2	72.2	7	1605	-	454438
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Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5306			Yes
Burst	Number of Pulses	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	95.8	11	1818	1042	581680
2	3	93.7	11	1270	1469	823458
3	2	72.8	11	1246	-	68928
4	3	94.8	11	1840	1013	310262
5	2	79.4	11	1039	-	552771
6	3	96.1	11	1831	1611	793109
7	2	69.8	11	1492	-	39143
8	1	53.6	11	-	-	281302
9	3	97.4	11	1524	1823	521983
10	2	76.6	11	1670	-	764416
11	2	78.3	11	1386	-	9374
12	2	83.3	11	1604	-	251090
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5305			Yes
Burst	Number of Pulses	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	12	1123	1842	454009
2	1	50.2	12	-	-	678871
3	2	67.9	12	1050	-	902021
4	1	58.1	12	-	-	204628
5	3	85.3	12	1171	1426	427086
6	2	77.5	12	1282	-	650712
7	3	99.2	12	1262	1545	872204
8	1	61.2	12	-	-	177178
9	1	51.7	12	-	-	400523
10	1	64.4	12	-	-	623911
11	3	90.9	12	1615	1003	844886
12	2	70.8	12	1088	-	149354
13	2	79.4	12	1340	-	372553
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5305			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	53.8	13	-	-	554174
2	3	96.4	13	1766	1868	758329
3	3	97.3	13	1877	1273	112864
4	1	62.1	13	-	-	320769
5	2	80.3	13	1779	-	527395
6	1	55.5	13	-	-	735508
7	2	72.6	13	1802	-	87589
8	1	60.5	13	-	-	295268
9	3	96.5	13	1045	1429	501215
10	3	91.1	13	1305	1584	708044
11	3	98.4	13	1778	1287	62000
12	1	52.9	13	-	-	269811
13	1	56.6	13	-	-	477311
14	3	94.8	13	1209	1483	682757
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5306			Yes
Burst	Number of Pulses	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	81.1	11	1094	-	42700
2	1	65.4	11	-	-	284912
3	3	97.5	11	1747	1085	525764
4	3	92.2	11	1446	1691	766943
5	3	89.2	11	1128	1354	12885
6	1	58.2	11	-	-	254985
7	2	81.4	11	1292	-	496653
8	3	85.2	11	1418	1405	737558
9	3	92.2	11	1617	1599	978346
10	2	69.8	11	1049	-	225122
11	2	74.9	11	1297	-	466642
12	2	80.1	11	1847	-	708223
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DFS Radar Parameters
FCC Radar Type 5
Channel 60 Bandwidth 20MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5304			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	68.8	14	1684	-	759209
2	3	90.8	14	1753	1448	155647
3	1	62.2	14	-	-	349982
4	2	70.5	14	1960	-	542150
5	2	81.3	14	1289	-	735735
6	1	52.8	14	-	-	132444
7	1	51.9	14	-	-	325957
8	1	65.3	14	-	-	519568
9	2	75.5	14	1642	-	712137
10	3	99.8	14	1027	1752	108161
11	2	72.6	14	1227	-	301671
12	3	91.5	14	1001	1327	494647
13	2	67.1	14	1473	-	688644
14	2	71.1	14	1765	-	84541
15	1	55.7	14	-	-	278298
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Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5306			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	72.7	11	1712	-	543906
2	3	92.5	11	1822	1594	765339
3	1	59.2	11	-	-	70273
4	2	69.5	11	1010	-	293388
5	1	55.2	11	-	-	517271
6	2	78.7	11	1129	-	740262
7	2	82.7	11	1208	-	42650
8	2	68.1	11	1681	-	265663
9	3	95.9	11	1854	1115	487908
10	1	54.2	11	-	-	713209
11	2	72.2	11	1395	-	15160
12	1	51.7	11	-	-	238706
13	1	62.5	11	-	-	462037
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Channel 62 Bandwidth 40MHz

DFS Radar Parameters
FCC Radar Type 1
Channel 62 Bandwidth 40MHz

Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	5	1672.24	598	Yes
2	13	1319.26	758	Yes
3	16	1222.49	818	Yes
4	19	1138.95	878	Yes
5	22	1066.10	938	Yes
6	18	1165.50	858	Yes
7	3	1792.11	558	Yes
8	23	326.16	3066	Yes
9	1	1930.50	518	Yes
10	2	1858.74	538	Yes
11	4	1730.10	578	Yes
12	10	1432.66	698	Yes
13	20	1113.59	898	Yes
14	6	1618.12	618	Yes
15	11	1392.76	718	Yes
16		933.71	1071	Yes
17		368.60	2713	Yes
18		336.36	2973	Yes
19		366.17	2731	No
20		392.00	2551	Yes
21		1013.17	987	Yes
22		1226.99	815	Yes
23		772.80	1294	Yes
24		333.44	2999	Yes
25		509.94	1961	No
26		1410.44	709	Yes
27		594.88	1681	Yes
28		438.02	2283	No
29		791.77	1263	Yes
30		387.00	2584	Yes

DFS Radar Parameters
FCC Radar Type 2
Channel 62 Bandwidth 40MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	24	1.90	223	Yes
2	24	2.00	222	Yes
3	29	4.60	182	Yes
4	27	3.80	214	Yes
5	27	3.70	209	Yes
6	27	3.80	177	Yes
7	26	2.70	155	Yes
8	29	4.60	204	Yes
9	27	3.50	207	Yes
10	27	3.50	158	Yes
11	24	2.10	193	Yes
12	29	5.00	196	Yes
13	25	2.40	217	Yes
14	25	2.40	208	Yes
15	23	1.40	153	Yes
16	25	2.10	206	Yes
17	29	4.90	174	Yes
18	28	4.00	226	Yes
19	28	3.90	216	Yes
20	29	4.80	215	Yes
21	26	3.00	210	Yes
22	25	2.20	229	Yes
23	27	3.70	230	Yes
24	24	1.60	162	Yes
25	25	2.50	179	Yes
26	26	2.80	189	Yes
27	26	3.10	194	Yes
28	25	2.50	190	Yes
29	26	3.30	160	Yes
30	26	2.70	166	Yes

DFS Radar Parameters
FCC Radar Type 3
Channel 62 Bandwidth 40MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	16	6.90	497	Yes
2	16	7.00	446	Yes
3	18	9.60	364	Yes
4	18	8.80	432	Yes
5	17	8.70	481	Yes
6	18	8.80	238	Yes
7	17	7.70	268	Yes
8	18	9.60	267	Yes
9	17	8.50	204	Yes
10	17	8.50	249	Yes
11	16	7.10	212	Yes
12	18	10.00	494	Yes
13	17	7.40	403	Yes
14	17	7.40	236	Yes
15	16	6.40	437	Yes
16	16	7.10	349	Yes
17	18	9.90	345	Yes
18	18	9.00	429	Yes
19	18	8.90	205	Yes
20	18	9.80	416	Yes
21	17	8.00	323	Yes
22	16	7.20	362	Yes
23	17	8.70	258	Yes
24	16	6.60	283	Yes
25	17	7.50	401	Yes
26	17	7.80	230	Yes
27	17	8.10	301	Yes
28	17	7.50	319	Yes
29	17	8.30	460	Yes
30	17	7.70	326	Yes

DFS Radar Parameters
FCC Radar Type 4
Channel 62 Bandwidth 40MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	13	13.20	497	Yes
2	13	13.20	446	Yes
3	16	19.10	364	Yes
4	15	17.30	432	Yes
5	15	17.00	481	Yes
6	15	17.30	238	Yes
7	14	14.90	268	No
8	16	19.00	267	Yes
9	15	16.70	204	Yes
10	15	16.60	249	Yes
11	13	13.50	212	Yes
12	16	20.00	494	Yes
13	13	14.20	403	Yes
14	13	14.20	236	Yes
15	12	11.90	437	Yes
16	13	13.60	349	Yes
17	16	19.60	345	Yes
18	15	17.60	429	Yes
19	15	17.50	205	No
20	16	19.50	416	Yes
21	14	15.50	323	Yes
22	13	13.80	362	Yes
23	15	17.00	258	Yes
24	12	12.30	283	Yes
25	13	14.40	401	Yes
26	14	15.00	230	Yes
27	14	15.70	301	Yes
28	13	14.40	319	Yes
29	14	16.10	460	Yes
30	14	14.90	326	Yes

DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	62.1	8	-	-	528800
2	1	62.2	8	-	-	792774
3	3	94.6	8	1064	1365	1054423
4	3	84.9	8	1920	1839	231321
5	2	83	8	1255	-	495625
6	3	85.1	8	1004	1745	758357
7	2	71.5	8	1715	-	1022962
8	3	94.5	8	1179	1219	199172
9	2	81.5	8	1657	-	463163
10	2	81	8	1527	-	727045
11	1	63.9	8	-	-	992224
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	99.9	8	1243	1410	166606
2	2	67.8	8	1047	-	430714
3	2	68	8	1304	-	694440
4	1	55	8	-	-	959287
5	1	64.5	8	-	-	134437
6	3	97.7	8	1626	1433	397529
7	3	86.8	8	1443	1640	661151
8	3	85.8	8	1040	1485	925045
9	3	96.9	8	1071	1173	101715
10	2	75.1	8	1646	-	365703
11	1	65.6	8	-	-	630042
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	83.3	19	1422	-	516305
2	1	57.6	19	-	-	40133
3	2	69.1	19	1890	-	192420
4	2	72.5	19	1685	-	344924
5	2	76.1	19	1785	-	496744
6	2	69.1	19	1850	-	21233
7	2	78.5	19	1792	-	173670
8	2	71.6	19	1953	-	325648
9	1	62.6	19	-	-	479960
10	3	87.9	19	1494	1279	2448
11	3	97.5	19	1400	1748	154446
12	3	87.5	19	1758	1017	306859
13	3	91.3	19	1487	1212	458582
14	2	69.3	19	1210	-	612878
15	1	53.9	19	-	-	136489
16	1	61	19	-	-	289328
17	3	91.4	19	1067	1595	440545
18	2	67.9	19	1812	-	593526
19	2	77	19	1616	-	117375
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Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	50	16	-	-	302296
2	1	62.4	16	-	-	472948
3	3	99.3	16	1903	1113	640892
4	2	77.8	16	1832	-	110186
5	1	62.6	16	-	-	281465
6	2	77.9	16	1918	-	450873
7	1	62.5	16	-	-	622924
8	1	63	16	-	-	89357
9	1	66.6	16	-	-	260424
10	2	75.8	16	1582	-	430305
11	2	81	16	1438	-	600361
12	1	54.4	16	-	-	68363
13	1	51	16	-	-	239212
14	1	53.5	16	-	-	410231
15	3	96.6	16	1726	1844	577678
16	2	79	16	1052	-	47251
17	3	86.9	16	1481	1725	217094
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	65.7	15	-	-	413284
2	1	60.5	15	-	-	595238
3	1	59	15	-	-	27925
4	1	52.4	15	-	-	209450
5	1	65.9	15	-	-	391192
6	1	59.9	15	-	-	572193
7	2	68.3	15	1098	-	5559
8	2	76.1	15	1163	-	186907
9	1	52.3	15	-	-	368692
10	2	80.4	15	1680	-	548993
11	2	76.8	15	1924	-	730087
12	3	85.7	15	1593	1087	164121
13	1	60.6	15	-	-	346178
14	3	86.7	15	1784	1355	525280
15	3	95.4	15	1328	1061	707516
16	2	67.8	15	1679	-	142127
17						
18						
19						
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Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	69.9	16	1991	-	303947
2	2	75.1	16	1078	-	474727
3	1	53.1	16	-	-	646672
4	3	84	16	1314	1408	112585
5	2	79.8	16	1033	-	283225
6	1	56.4	16	-	-	454694
7	3	94.7	16	1863	1906	622508
8	1	63.5	16	-	-	91883
9	1	56	16	-	-	262870
10	1	61.8	16	-	-	433639
11	3	95.9	16	1926	1372	601587
12	2	81.7	16	1689	-	70702
13	3	83.4	16	1782	1772	240592
14	3	96.5	16	1309	1722	410864
15	3	83.9	16	2000	1215	580881
16	3	94.7	16	1935	1843	49537
17	3	90.3	16	1673	1931	219519
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	67	11	1664	-	511507
2	3	95.3	11	1435	1424	733306
3	2	80.9	11	1769	-	37569
4	1	58.9	11	-	-	261054
5	2	74.6	11	1346	-	483828
6	3	84.2	11	1195	1367	706292
7	1	52.5	11	-	-	10120
8	2	81	11	1266	-	233282
9	1	51.7	11	-	-	457212
10	1	60.3	11	-	-	680926
11	3	97.6	11	1382	1833	900762
12	3	85.8	11	1224	1073	205657
13	2	77.3	11	1614	-	428674
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	56	19	-	-	446308
2	3	89.1	19	1736	1025	596962
3	3	85.6	19	1290	1601	121522
4	3	86.6	19	1350	1955	273384
5	2	81.1	19	1302	-	426829
6	2	78.5	19	1476	-	578945
7	3	93.4	19	1387	1989	102777
8	3	95.1	19	1167	1731	255086
9	1	57.1	19	-	-	409037
10	1	59.3	19	-	-	561970
11	1	65.9	19	-	-	84427
12	3	95.5	19	1051	1760	236259
13	3	96.4	19	1343	1310	388197
14	1	54	19	-	-	543264
15	1	64	19	-	-	65597
16	3	86.6	19	1334	1136	217685
17	3	92.7	19	1864	1739	368846
18	1	55.9	19	-	-	523764
19	3	96.5	19	1106	1997	46558
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	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	82.1	15	1349	-	236746
2	3	95.4	15	1111	1272	417281
3	3	93.7	15	1800	1618	597528
4	3	91.4	15	1430	1134	33121
5	1	64.5	15	-	-	214700
6	1	58.9	15	-	-	396170
7	3	95.4	15	1020	1409	576252
8	3	90.9	15	1983	1037	10817
9	1	50.6	15	-	-	192417
10	1	52.9	15	-	-	373925
11	2	78.1	15	1484	-	554397
12	3	96.2	15	1059	1288	734512
13	3	97.2	15	1503	1629	169322
14	2	77.8	15	1705	-	350938
15	2	78.7	15	1859	-	531494
16	1	55.8	15	-	-	714495
17						
18						
19						
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5310			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	56.7	14	-	-	147583
2	3	96.2	14	1550	1841	327904
3	3	96.8	14	1592	1228	508973
4	1	65.3	14	-	-	692108
5	1	55.3	14	-	-	125297
6	1	51.3	14	-	-	306747
7	3	95.3	14	1566	1442	486382
8	1	59.9	14	-	-	669497
9	3	86	14	1648	1987	102488
10	1	65	14	-	-	284374
11	1	63.4	14	-	-	465948
12	2	78.2	14	1317	-	646419
13	2	80.1	14	1660	-	80387
14	3	88.5	14	1650	1336	261254
15	3	94.4	14	1184	1471	442030
16	1	59	14	-	-	625232
17						
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19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5294			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	54.4	9	-	-	84787
2	1	51	9	-	-	348864
3	1	53.6	9	-	-	613387
4	2	82	9	1156	-	876166
5	1	62.4	9	-	-	52187
6	3	97.8	9	1572	1856	315441
7	2	71.1	9	1239	-	580245
8	2	77.6	9	1910	-	843178
9	3	85.8	9	1913	1359	19608
10	3	87.7	9	1598	1556	283116
11	3	92.8	9	1479	1968	546563
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5299			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	92.1	20	1501	1193	444610
2	2	79	20	1564	-	589468
3	1	63.2	20	-	-	138159
4	2	68.7	20	1862	-	282158
5	2	67.6	20	1357	-	427441
6	2	67.6	20	1321	-	572473
7	3	98.3	20	1097	1220	119694
8	1	57.2	20	-	-	265532
9	3	90.5	20	2000	1319	407911
10	3	96	20	1194	1118	553232
11	3	90.6	20	1458	1091	101937
12	3	91.2	20	1943	1930	245923
13	2	80.7	20	1585	-	391789
14	1	50.1	20	-	-	537427
15	3	83.7	20	1063	1717	84022
16	1	55.4	20	-	-	229628
17	3	99.5	20	1917	1498	372679
18	3	95.6	20	1361	1065	517929
19	2	67.1	20	1427	-	66369
20	1	60.8	20	-	-	211810

DFS Radar Parameters
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Channel 62 Bandwidth 40MHz

Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5295			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	62.1	10	-	-	595337
2	1	58.6	10	-	-	837847
3	2	69.1	10	1130	-	81138
4	3	91.8	10	1619	1848	322315
5	3	96.1	10	1470	1403	563695
6	2	74.1	10	1559	-	806558
7	3	96.8	10	1026	1053	51252
8	3	93.4	10	1773	1655	292564
9	1	59	10	-	-	535867
10	2	75	10	1589	-	776272
11	2	69.1	10	1213	-	21521
12	2	79.6	10	1462	-	263231
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5295			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	67.7	10	1512	-	505127
2	1	58.6	10	-	-	748063
3	1	53.1	10	-	-	990426
4	2	80.9	10	1992	-	233407
5	2	72.7	10	1961	-	475240
6	3	96.3	10	1490	1031	716271
7	3	95.8	10	1635	1337	957906
8	1	60.5	10	-	-	204115
9	2	81.8	10	1211	-	445604
10	2	81.2	10	1774	-	687389
11	1	53.8	10	-	-	930869
12	1	63	10	-	-	174180
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5293			Yes
Burst	Number of Pulses	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	63.8	6	-	-	555446
2	1	59.9	6	-	-	878105
3	2	72.9	6	1311	-	1200540
4	2	81.8	6	1721	-	192397
5	2	78.7	6	1223	-	515300
6	3	92.3	6	1038	1902	836499
7	2	71.6	6	1324	-	1160531
8	2	82.1	6	1464	-	152696
9	2	68.6	6	1152	-	475284
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5294			Yes
Burst	Number of Pulses	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	9	1154	-	652928
2	2	80.6	9	1370	-	916437
3	3	83.5	9	1119	1454	92206
4	1	59.9	9	-	-	356579
5	2	71.5	9	1303	-	620376
6	2	72.7	9	1250	-	883762
7	3	93.6	9	1286	1746	59728
8	2	70.8	9	1875	-	323506
9	1	54.9	9	-	-	588502
10	3	98.3	9	1967	1032	849961
11	1	65.4	9	-	-	27364
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5299			Yes
Burst	Number of Pulses	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	20	1995	-	159553
2	1	60.9	20	-	-	305386
3	2	73.4	20	1080	-	449624
4	2	72.1	20	1780	-	594130
5	3	97.1	20	1360	1083	141701
6	1	52.8	20	-	-	287299
7	2	82.8	20	1548	-	431289
8	1	53.2	20	-	-	578155
9	3	99.8	20	1793	1450	123683
10	1	56.5	20	-	-	269526
11	2	79	20	1896	-	413606
12	2	80.9	20	1277	-	558826
13	1	54.7	20	-	-	106567
14	1	56	20	-	-	251618
15	2	77.9	20	1056	-	396324
16	3	86.2	20	1620	1096	539212
17	1	51.1	20	-	-	88609
18	1	65	20	-	-	233862
19	1	64.7	20	-	-	379160
20	2	66.8	20	1431	-	523113

Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5297			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	53.3	16	-	-	83345
2	3	87	16	1160	1536	253293
3	1	60.9	16	-	-	424772
4	3	90.9	16	1730	1374	593011
5	2	78	16	1015	-	62184
6	2	69.6	16	1034	-	232901
7	2	71	16	1486	-	403263
8	1	51.1	16	-	-	574506
9	2	73.6	16	1364	-	41126
10	1	52.2	16	-	-	212054
11	3	89.7	16	1342	1110	381482
12	2	76.9	16	1781	-	551993
13	2	83	16	1100	-	20159
14	3	88.4	16	1658	1441	190254
15	3	86.2	16	1363	1140	360826
16	1	52.8	16	-	-	532672
17	3	86.5	16	1570	1132	700825
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DFS Radar Parameters
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Channel 62 Bandwidth 40MHz

Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5297			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	50.8	16	-	-	169999
2	3	84.8	16	1973	1860	338893
3	2	75.9	16	1472	-	510219
4	1	59.5	16	-	-	682323
5	2	68.4	16	1551	-	148511
6	2	82.4	16	1704	-	318777
7	1	62	16	-	-	490270
8	3	97.9	16	1384	1466	658864
9	3	99.7	16	1005	1549	127379
10	2	78.8	16	1242	-	298396
11	1	53.8	16	-	-	469339
12	3	93.7	16	1709	1245	637708
13	3	86.5	16	1509	1543	106448
14	3	92.4	16	1402	1329	276619
15	1	55.8	16	-	-	448427
16	3	90.2	16	1445	1507	616373
17	2	81.4	16	1661	-	85573
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Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5299			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	62.1	20	-	-	218001
2	3	89.8	20	1522	1826	360971
3	1	50	20	-	-	508090
4	2	82.6	20	1899	-	54877
5	3	94.2	20	1021	1000	199676
6	2	77.4	20	1306	-	344607
7	2	81.8	20	1698	-	489025
8	2	81.6	20	1729	-	37036
9	2	79.6	20	1151	-	181937
10	3	97.6	20	1141	1928	325760
11	2	66.8	20	1252	-	471418
12	1	52.1	20	-	-	19272
13	3	97.9	20	1929	1735	163426
14	1	66.3	20	-	-	309810
15	2	69.8	20	1399	-	453658
16	2	75	20	1320	-	1388
17	3	99.7	20	1583	1385	145702
18	1	50.3	20	-	-	291884
19	2	80.2	20	1229	-	435621
20	3	88.9	20	1959	1436	578984

DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5324			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	57.2	13	-	-	183987
2	3	85	13	1923	1846	389789
3	1	54.6	13	-	-	599213
4	3	98.9	13	1762	1948	803311
5	3	93.1	13	1672	1612	157835
6	2	78.4	13	1627	-	365164
7	3	90.8	13	1816	1511	571420
8	2	67.2	13	1700	-	779663
9	1	57.5	13	-	-	132763
10	3	87.1	13	1738	1143	339368
11	1	59.8	13	-	-	547707
12	3	83.9	13	1809	1378	752387
13	3	86.7	13	1770	1411	106803
14	1	51.6	13	-	-	314928
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5326			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	76.3	9	1341	-	608400
2	3	96.4	9	1295	1380	849533
3	1	52.8	9	-	-	95338
4	1	53.9	9	-	-	337558
5	1	56.6	9	-	-	579668
6	1	57.4	9	-	-	822247
7	3	94.1	9	1437	1830	65327
8	2	77.9	9	1647	-	307232
9	3	88.9	9	1489	1449	547999
10	3	84.9	9	1621	1690	788994
11	3	95.2	9	1526	1720	35581
12	3	95.7	9	1090	1947	276989
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5323			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	51.7	15	-	-	389763
2	1	62.5	15	-	-	571338
3	3	84	15	1568	1845	4369
4	2	68.6	15	1377	-	185653
5	3	86.8	15	1547	1742	365780
6	3	92	15	1137	1453	547445
7	2	75.7	15	1201	-	729766
8	1	51.3	15	-	-	163554
9	2	74.1	15	1958	-	344179
10	2	77.2	15	1226	-	525695
11	3	85.2	15	1016	1677	705323
12	1	51.1	15	-	-	141252
13	3	89.6	15	1914	1192	321466
14	1	65.8	15	-	-	504101
15	3	86.6	15	1912	1231	682516
16	1	64.6	15	-	-	118844
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5326			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	74.1	7	1170	-	533888
2	3	92.5	7	1940	1801	854750
3	3	87.7	7	1318	1986	1177443
4	2	83	7	1168	-	171546
5	1	65.4	7	-	-	494664
6	3	96.3	7	1207	1315	815860
7	3	90	7	1322	1909	1137841
8	2	73.5	7	1624	-	131690
9	2	72.2	7	1605	-	454438
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5325			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	95.8	11	1818	1042	581680
2	3	93.7	11	1270	1469	823458
3	2	72.8	11	1246	-	68928
4	3	94.8	11	1840	1013	310262
5	2	79.4	11	1039	-	552771
6	3	96.1	11	1831	1611	793109
7	2	69.8	11	1492	-	39143
8	1	53.6	11	-	-	281302
9	3	97.4	11	1524	1823	521983
10	2	76.6	11	1670	-	764416
11	2	78.3	11	1386	-	9374
12	2	83.3	11	1604	-	251090
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5324			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	88.9	12	1123	1842	454009
2	1	50.2	12	-	-	678871
3	2	67.9	12	1050	-	902021
4	1	58.1	12	-	-	204628
5	3	85.3	12	1171	1426	427086
6	2	77.5	12	1282	-	650712
7	3	99.2	12	1262	1545	872204
8	1	61.2	12	-	-	177178
9	1	51.7	12	-	-	400523
10	1	64.4	12	-	-	623911
11	3	90.9	12	1615	1003	844886
12	2	70.8	12	1088	-	149354
13	2	79.4	12	1340	-	372553
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5324			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	53.8	13	-	-	554174
2	3	96.4	13	1766	1868	758329
3	3	97.3	13	1877	1273	112864
4	1	62.1	13	-	-	320769
5	2	80.3	13	1779	-	527395
6	1	55.5	13	-	-	735508
7	2	72.6	13	1802	-	87589
8	1	60.5	13	-	-	295268
9	3	96.5	13	1045	1429	501215
10	3	91.1	13	1305	1584	708044
11	3	98.4	13	1778	1287	62000
12	1	52.9	13	-	-	269811
13	1	56.6	13	-	-	477311
14	3	94.8	13	1209	1483	682757
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5325			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	81.1	11	1094	-	42700
2	1	65.4	11	-	-	284912
3	3	97.5	11	1747	1085	525764
4	3	92.2	11	1446	1691	766943
5	3	89.2	11	1128	1354	12885
6	1	58.2	11	-	-	254985
7	2	81.4	11	1292	-	496653
8	3	85.2	11	1418	1405	737558
9	3	92.2	11	1617	1599	978346
10	2	69.8	11	1049	-	225122
11	2	74.9	11	1297	-	466642
12	2	80.1	11	1847	-	708223
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DFS Radar Parameters
FCC Radar Type 5
Channel 62 Bandwidth 40MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5324			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	68.8	14	1684	-	759209
2	3	90.8	14	1753	1448	155647
3	1	62.2	14	-	-	349982
4	2	70.5	14	1960	-	542150
5	2	81.3	14	1289	-	735735
6	1	52.8	14	-	-	132444
7	1	51.9	14	-	-	325957
8	1	65.3	14	-	-	519568
9	2	75.5	14	1642	-	712137
10	3	99.8	14	1027	1752	108161
11	2	72.6	14	1227	-	301671
12	3	91.5	14	1001	1327	494647
13	2	67.1	14	1473	-	688644
14	2	71.1	14	1765	-	84541
15	1	55.7	14	-	-	278298
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Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5325			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	72.7	11	1712	-	543906
2	3	92.5	11	1822	1594	765339
3	1	59.2	11	-	-	70273
4	2	69.5	11	1010	-	293388
5	1	55.2	11	-	-	517271
6	2	78.7	11	1129	-	740262
7	2	82.7	11	1208	-	42650
8	2	68.1	11	1681	-	265663
9	3	95.9	11	1854	1115	487908
10	1	54.2	11	-	-	713209
11	2	72.2	11	1395	-	15160
12	1	51.7	11	-	-	238706
13	1	62.5	11	-	-	462037
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Channel 58 Bandwidth 80MHz

DFS Radar Parameters
FCC Radar Type 1
Channel 58 Bandwidth 80MHz

Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	5	1672.24	598	Yes
2	13	1319.26	758	Yes
3	16	1222.49	818	Yes
4	19	1138.95	878	Yes
5	22	1066.10	938	Yes
6	18	1165.50	858	Yes
7	3	1792.11	558	Yes
8	23	326.16	3066	Yes
9	1	1930.50	518	Yes
10	2	1858.74	538	Yes
11	4	1730.10	578	Yes
12	10	1432.66	698	Yes
13	20	1113.59	898	Yes
14	6	1618.12	618	Yes
15	11	1392.76	718	Yes
16		933.71	1071	Yes
17		368.60	2713	Yes
18		336.36	2973	Yes
19		366.17	2731	Yes
20		392.00	2551	Yes
21		1013.17	987	Yes
22		1226.99	815	Yes
23		772.80	1294	Yes
24		333.44	2999	Yes
25		509.94	1961	Yes
26		1410.44	709	Yes
27		594.88	1681	Yes
28		438.02	2283	Yes
29		791.77	1263	Yes
30		387.00	2584	Yes

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	24	1.90	223	Yes
2	24	2.00	222	Yes
3	29	4.60	182	No
4	27	3.80	214	No
5	27	3.70	209	Yes
6	27	3.80	177	Yes
7	26	2.70	155	No
8	29	4.60	204	Yes
9	27	3.50	207	Yes
10	27	3.50	158	Yes
11	24	2.10	193	Yes
12	29	5.00	196	Yes
13	25	2.40	217	Yes
14	25	2.40	208	Yes
15	23	1.40	153	Yes
16	25	2.10	206	Yes
17	29	4.90	174	Yes
18	28	4.00	226	No
19	28	3.90	216	Yes
20	29	4.80	215	Yes
21	26	3.00	210	No
22	25	2.20	229	Yes
23	27	3.70	230	Yes
24	24	1.60	162	Yes
25	25	2.50	179	Yes
26	26	2.80	189	Yes
27	26	3.10	194	Yes
28	25	2.50	190	Yes
29	26	3.30	160	Yes
30	26	2.70	166	Yes

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	16	6.90	497	No
2	16	7.00	446	Yes
3	18	9.60	364	No
4	18	8.80	432	Yes
5	17	8.70	481	Yes
6	18	8.80	238	No
7	17	7.70	268	Yes
8	18	9.60	267	Yes
9	17	8.50	204	Yes
10	17	8.50	249	Yes
11	16	7.10	212	Yes
12	18	10.00	494	Yes
13	17	7.40	403	Yes
14	17	7.40	236	Yes
15	16	6.40	437	Yes
16	16	7.10	349	No
17	18	9.90	345	Yes
18	18	9.00	429	No
19	18	8.90	205	Yes
20	18	9.80	416	Yes
21	17	8.00	323	Yes
22	16	7.20	362	Yes
23	17	8.70	258	Yes
24	16	6.60	283	Yes
25	17	7.50	401	Yes
26	17	7.80	230	Yes
27	17	8.10	301	Yes
28	17	7.50	319	Yes
29	17	8.30	460	No
30	17	7.70	326	Yes

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	13	13.20	497	Yes
2	13	13.20	446	Yes
3	16	19.10	364	Yes
4	15	17.30	432	Yes
5	15	17.00	481	Yes
6	15	17.30	238	No
7	14	14.90	268	Yes
8	16	19.00	267	Yes
9	15	16.70	204	Yes
10	15	16.60	249	Yes
11	13	13.50	212	Yes
12	16	20.00	494	No
13	13	14.20	403	Yes
14	13	14.20	236	Yes
15	12	11.90	437	Yes
16	13	13.60	349	No
17	16	19.60	345	No
18	15	17.60	429	Yes
19	15	17.50	205	Yes
20	16	19.50	416	Yes
21	14	15.50	323	No
22	13	13.80	362	Yes
23	15	17.00	258	No
24	12	12.30	283	Yes
25	13	14.40	401	Yes
26	14	15.00	230	Yes
27	14	15.70	301	No
28	13	14.40	319	Yes
29	14	16.10	460	Yes
30	14	14.90	326	Yes

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5290			No
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	62.1	8	-	-	528800
2	1	62.2	8	-	-	792774
3	3	94.6	8	1064	1365	1054423
4	3	84.9	8	1920	1839	231321
5	2	83	8	1255	-	495625
6	3	85.1	8	1004	1745	758357
7	2	71.5	8	1715	-	1022962
8	3	94.5	8	1179	1219	199172
9	2	81.5	8	1657	-	463163
10	2	81	8	1527	-	727045
11	1	63.9	8	-	-	992224
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	99.9	8	1243	1410	166606
2	2	67.8	8	1047	-	430714
3	2	68	8	1304	-	694440
4	1	55	8	-	-	959287
5	1	64.5	8	-	-	134437
6	3	97.7	8	1626	1433	397529
7	3	86.8	8	1443	1640	661151
8	3	85.8	8	1040	1485	925045
9	3	96.9	8	1071	1173	101715
10	2	75.1	8	1646	-	365703
11	1	65.6	8	-	-	630042
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	83.3	19	1422	-	516305
2	1	57.6	19	-	-	40133
3	2	69.1	19	1890	-	192420
4	2	72.5	19	1685	-	344924
5	2	76.1	19	1785	-	496744
6	2	69.1	19	1850	-	21233
7	2	78.5	19	1792	-	173670
8	2	71.6	19	1953	-	325648
9	1	62.6	19	-	-	479960
10	3	87.9	19	1494	1279	2448
11	3	97.5	19	1400	1748	154446
12	3	87.5	19	1758	1017	306859
13	3	91.3	19	1487	1212	458582
14	2	69.3	19	1210	-	612878
15	1	53.9	19	-	-	136489
16	1	61	19	-	-	289328
17	3	91.4	19	1067	1595	440545
18	2	67.9	19	1812	-	593526
19	2	77	19	1616	-	117375
20						

Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	50	16	-	-	302296
2	1	62.4	16	-	-	472948
3	3	99.3	16	1903	1113	640892
4	2	77.8	16	1832	-	110186
5	1	62.6	16	-	-	281465
6	2	77.9	16	1918	-	450873
7	1	62.5	16	-	-	622924
8	1	63	16	-	-	89357
9	1	66.6	16	-	-	260424
10	2	75.8	16	1582	-	430305
11	2	81	16	1438	-	600361
12	1	54.4	16	-	-	68363
13	1	51	16	-	-	239212
14	1	53.5	16	-	-	410231
15	3	96.6	16	1726	1844	577678
16	2	79	16	1052	-	47251
17	3	86.9	16	1481	1725	217094
18						
19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	65.7	15	-	-	413284
2	1	60.5	15	-	-	595238
3	1	59	15	-	-	27925
4	1	52.4	15	-	-	209450
5	1	65.9	15	-	-	391192
6	1	59.9	15	-	-	572193
7	2	68.3	15	1098	-	5559
8	2	76.1	15	1163	-	186907
9	1	52.3	15	-	-	368692
10	2	80.4	15	1680	-	548993
11	2	76.8	15	1924	-	730087
12	3	85.7	15	1593	1087	164121
13	1	60.6	15	-	-	346178
14	3	86.7	15	1784	1355	525280
15	3	95.4	15	1328	1061	707516
16	2	67.8	15	1679	-	142127
17						
18						
19						
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Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	69.9	16	1991	-	303947
2	2	75.1	16	1078	-	474727
3	1	53.1	16	-	-	646672
4	3	84	16	1314	1408	112585
5	2	79.8	16	1033	-	283225
6	1	56.4	16	-	-	454694
7	3	94.7	16	1863	1906	622508
8	1	63.5	16	-	-	91883
9	1	56	16	-	-	262870
10	1	61.8	16	-	-	433639
11	3	95.9	16	1926	1372	601587
12	2	81.7	16	1689	-	70702
13	3	83.4	16	1782	1772	240592
14	3	96.5	16	1309	1722	410864
15	3	83.9	16	2000	1215	580881
16	3	94.7	16	1935	1843	49537
17	3	90.3	16	1673	1931	219519
18						
19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	67	11	1664	-	511507
2	3	95.3	11	1435	1424	733306
3	2	80.9	11	1769	-	37569
4	1	58.9	11	-	-	261054
5	2	74.6	11	1346	-	483828
6	3	84.2	11	1195	1367	706292
7	1	52.5	11	-	-	10120
8	2	81	11	1266	-	233282
9	1	51.7	11	-	-	457212
10	1	60.3	11	-	-	680926
11	3	97.6	11	1382	1833	900762
12	3	85.8	11	1224	1073	205657
13	2	77.3	11	1614	-	428674
14						
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19						
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	56	19	-	-	446308
2	3	89.1	19	1736	1025	596962
3	3	85.6	19	1290	1601	121522
4	3	86.6	19	1350	1955	273384
5	2	81.1	19	1302	-	426829
6	2	78.5	19	1476	-	578945
7	3	93.4	19	1387	1989	102777
8	3	95.1	19	1167	1731	255086
9	1	57.1	19	-	-	409037
10	1	59.3	19	-	-	561970
11	1	65.9	19	-	-	84427
12	3	95.5	19	1051	1760	236259
13	3	96.4	19	1343	1310	388197
14	1	54	19	-	-	543264
15	1	64	19	-	-	65597
16	3	86.6	19	1334	1136	217685
17	3	92.7	19	1864	1739	368846
18	1	55.9	19	-	-	523764
19	3	96.5	19	1106	1997	46558
20						

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

Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	82.1	15	1349	-	236746
2	3	95.4	15	1111	1272	417281
3	3	93.7	15	1800	1618	597528
4	3	91.4	15	1430	1134	33121
5	1	64.5	15	-	-	214700
6	1	58.9	15	-	-	396170
7	3	95.4	15	1020	1409	576252
8	3	90.9	15	1983	1037	10817
9	1	50.6	15	-	-	192417
10	1	52.9	15	-	-	373925
11	2	78.1	15	1484	-	554397
12	3	96.2	15	1059	1288	734512
13	3	97.2	15	1503	1629	169322
14	2	77.8	15	1705	-	350938
15	2	78.7	15	1859	-	531494
16	1	55.8	15	-	-	714495
17						
18						
19						
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	56.7	14	-	-	147583
2	3	96.2	14	1550	1841	327904
3	3	96.8	14	1592	1228	508973
4	1	65.3	14	-	-	692108
5	1	55.3	14	-	-	125297
6	1	51.3	14	-	-	306747
7	3	95.3	14	1566	1442	486382
8	1	59.9	14	-	-	669497
9	3	86	14	1648	1987	102488
10	1	65	14	-	-	284374
11	1	63.4	14	-	-	465948
12	2	78.2	14	1317	-	646419
13	2	80.1	14	1660	-	80387
14	3	88.5	14	1650	1336	261254
15	3	94.4	14	1184	1471	442030
16	1	59	14	-	-	625232
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19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5255			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	54.4	9	-	-	84787
2	1	51	9	-	-	348864
3	1	53.6	9	-	-	613387
4	2	82	9	1156	-	876166
5	1	62.4	9	-	-	52187
6	3	97.8	9	1572	1856	315441
7	2	71.1	9	1239	-	580245
8	2	77.6	9	1910	-	843178
9	3	85.8	9	1913	1359	19608
10	3	87.7	9	1598	1556	283116
11	3	92.8	9	1479	1968	546563
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5260			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	92.1	20	1501	1193	444610
2	2	79	20	1564	-	589468
3	1	63.2	20	-	-	138159
4	2	68.7	20	1862	-	282158
5	2	67.6	20	1357	-	427441
6	2	67.6	20	1321	-	572473
7	3	98.3	20	1097	1220	119694
8	1	57.2	20	-	-	265532
9	3	90.5	20	2000	1319	407911
10	3	96	20	1194	1118	553232
11	3	90.6	20	1458	1091	101937
12	3	91.2	20	1943	1930	245923
13	2	80.7	20	1585	-	391789
14	1	50.1	20	-	-	537427
15	3	83.7	20	1063	1717	84022
16	1	55.4	20	-	-	229628
17	3	99.5	20	1917	1498	372679
18	3	95.6	20	1361	1065	517929
19	2	67.1	20	1427	-	66369
20	1	60.8	20	-	-	211810

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

Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5256			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	62.1	10	-	-	595337
2	1	58.6	10	-	-	837847
3	2	69.1	10	1130	-	81138
4	3	91.8	10	1619	1848	322315
5	3	96.1	10	1470	1403	563695
6	2	74.1	10	1559	-	806558
7	3	96.8	10	1026	1053	51252
8	3	93.4	10	1773	1655	292564
9	1	59	10	-	-	535867
10	2	75	10	1589	-	776272
11	2	69.1	10	1213	-	21521
12	2	79.6	10	1462	-	263231
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5256			No
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	67.7	10	1512	-	505127
2	1	58.6	10	-	-	748063
3	1	53.1	10	-	-	990426
4	2	80.9	10	1992	-	233407
5	2	72.7	10	1961	-	475240
6	3	96.3	10	1490	1031	716271
7	3	95.8	10	1635	1337	957906
8	1	60.5	10	-	-	204115
9	2	81.8	10	1211	-	445604
10	2	81.2	10	1774	-	687389
11	1	53.8	10	-	-	930869
12	1	63	10	-	-	174180
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5254			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	63.8	6	-	-	555446
2	1	59.9	6	-	-	878105
3	2	72.9	6	1311	-	1200540
4	2	81.8	6	1721	-	192397
5	2	78.7	6	1223	-	515300
6	3	92.3	6	1038	1902	836499
7	2	71.6	6	1324	-	1160531
8	2	82.1	6	1464	-	152696
9	2	68.6	6	1152	-	475284
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5255			Yes
Burst	Number of Pulses	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	9	1154	-	652928
2	2	80.6	9	1370	-	916437
3	3	83.5	9	1119	1454	92206
4	1	59.9	9	-	-	356579
5	2	71.5	9	1303	-	620376
6	2	72.7	9	1250	-	883762
7	3	93.6	9	1286	1746	59728
8	2	70.8	9	1875	-	323506
9	1	54.9	9	-	-	588502
10	3	98.3	9	1967	1032	849961
11	1	65.4	9	-	-	27364
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5260			Yes
Burst	Number of Pulses	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	20	1995	-	159553
2	1	60.9	20	-	-	305386
3	2	73.4	20	1080	-	449624
4	2	72.1	20	1780	-	594130
5	3	97.1	20	1360	1083	141701
6	1	52.8	20	-	-	287299
7	2	82.8	20	1548	-	431289
8	1	53.2	20	-	-	578155
9	3	99.8	20	1793	1450	123683
10	1	56.5	20	-	-	269526
11	2	79	20	1896	-	413606
12	2	80.9	20	1277	-	558826
13	1	54.7	20	-	-	106567
14	1	56	20	-	-	251618
15	2	77.9	20	1056	-	396324
16	3	86.2	20	1620	1096	539212
17	1	51.1	20	-	-	88609
18	1	65	20	-	-	233862
19	1	64.7	20	-	-	379160
20	2	66.8	20	1431	-	523113

Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5258			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	53.3	16	-	-	83345
2	3	87	16	1160	1536	253293
3	1	60.9	16	-	-	424772
4	3	90.9	16	1730	1374	593011
5	2	78	16	1015	-	62184
6	2	69.6	16	1034	-	232901
7	2	71	16	1486	-	403263
8	1	51.1	16	-	-	574506
9	2	73.6	16	1364	-	41126
10	1	52.2	16	-	-	212054
11	3	89.7	16	1342	1110	381482
12	2	76.9	16	1781	-	551993
13	2	83	16	1100	-	20159
14	3	88.4	16	1658	1441	190254
15	3	86.2	16	1363	1140	360826
16	1	52.8	16	-	-	532672
17	3	86.5	16	1570	1132	700825
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5258			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	50.8	16	-	-	169999
2	3	84.8	16	1973	1860	338893
3	2	75.9	16	1472	-	510219
4	1	59.5	16	-	-	682323
5	2	68.4	16	1551	-	148511
6	2	82.4	16	1704	-	318777
7	1	62	16	-	-	490270
8	3	97.9	16	1384	1466	658864
9	3	99.7	16	1005	1549	127379
10	2	78.8	16	1242	-	298396
11	1	53.8	16	-	-	469339
12	3	93.7	16	1709	1245	637708
13	3	86.5	16	1509	1543	106448
14	3	92.4	16	1402	1329	276619
15	1	55.8	16	-	-	448427
16	3	90.2	16	1445	1507	616373
17	2	81.4	16	1661	-	85573
18						
19						
20						

Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5260			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	62.1	20	-	-	218001
2	3	89.8	20	1522	1826	360971
3	1	50	20	-	-	508090
4	2	82.6	20	1899	-	54877
5	3	94.2	20	1021	1000	199676
6	2	77.4	20	1306	-	344607
7	2	81.8	20	1698	-	489025
8	2	81.6	20	1729	-	37036
9	2	79.6	20	1151	-	181937
10	3	97.6	20	1141	1928	325760
11	2	66.8	20	1252	-	471418
12	1	52.1	20	-	-	19272
13	3	97.9	20	1929	1735	163426
14	1	66.3	20	-	-	309810
15	2	69.8	20	1399	-	453658
16	2	75	20	1320	-	1388
17	3	99.7	20	1583	1385	145702
18	1	50.3	20	-	-	291884
19	2	80.2	20	1229	-	435621
20	3	88.9	20	1959	1436	578984

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

Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5323			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	57.2	13	-	-	183987
2	3	85	13	1923	1846	389789
3	1	54.6	13	-	-	599213
4	3	98.9	13	1762	1948	803311
5	3	93.1	13	1672	1612	157835
6	2	78.4	13	1627	-	365164
7	3	90.8	13	1816	1511	571420
8	2	67.2	13	1700	-	779663
9	1	57.5	13	-	-	132763
10	3	87.1	13	1738	1143	339368
11	1	59.8	13	-	-	547707
12	3	83.9	13	1809	1378	752387
13	3	86.7	13	1770	1411	106803
14	1	51.6	13	-	-	314928
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5325			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	76.3	9	1341	-	608400
2	3	96.4	9	1295	1380	849533
3	1	52.8	9	-	-	95338
4	1	53.9	9	-	-	337558
5	1	56.6	9	-	-	579668
6	1	57.4	9	-	-	822247
7	3	94.1	9	1437	1830	65327
8	2	77.9	9	1647	-	307232
9	3	88.9	9	1489	1449	547999
10	3	84.9	9	1621	1690	788994
11	3	95.2	9	1526	1720	35581
12	3	95.7	9	1090	1947	276989
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5322			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	51.7	15	-	-	389763
2	1	62.5	15	-	-	571338
3	3	84	15	1568	1845	4369
4	2	68.6	15	1377	-	185653
5	3	86.8	15	1547	1742	365780
6	3	92	15	1137	1453	547445
7	2	75.7	15	1201	-	729766
8	1	51.3	15	-	-	163554
9	2	74.1	15	1958	-	344179
10	2	77.2	15	1226	-	525695
11	3	85.2	15	1016	1677	705323
12	1	51.1	15	-	-	141252
13	3	89.6	15	1914	1192	321466
14	1	65.8	15	-	-	504101
15	3	86.6	15	1912	1231	682516
16	1	64.6	15	-	-	118844
17						
18						
19						
20						

Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5326			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	74.1	7	1170	-	533888
2	3	92.5	7	1940	1801	854750
3	3	87.7	7	1318	1986	1177443
4	2	83	7	1168	-	171546
5	1	65.4	7	-	-	494664
6	3	96.3	7	1207	1315	815860
7	3	90	7	1322	1909	1137841
8	2	73.5	7	1624	-	131690
9	2	72.2	7	1605	-	454438
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5324			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	95.8	11	1818	1042	581680
2	3	93.7	11	1270	1469	823458
3	2	72.8	11	1246	-	68928
4	3	94.8	11	1840	1013	310262
5	2	79.4	11	1039	-	552771
6	3	96.1	11	1831	1611	793109
7	2	69.8	11	1492	-	39143
8	1	53.6	11	-	-	281302
9	3	97.4	11	1524	1823	521983
10	2	76.6	11	1670	-	764416
11	2	78.3	11	1386	-	9374
12	2	83.3	11	1604	-	251090
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5324			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	88.9	12	1123	1842	454009
2	1	50.2	12	-	-	678871
3	2	67.9	12	1050	-	902021
4	1	58.1	12	-	-	204628
5	3	85.3	12	1171	1426	427086
6	2	77.5	12	1282	-	650712
7	3	99.2	12	1262	1545	872204
8	1	61.2	12	-	-	177178
9	1	51.7	12	-	-	400523
10	1	64.4	12	-	-	623911
11	3	90.9	12	1615	1003	844886
12	2	70.8	12	1088	-	149354
13	2	79.4	12	1340	-	372553
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5323			No
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	53.8	13	-	-	554174
2	3	96.4	13	1766	1868	758329
3	3	97.3	13	1877	1273	112864
4	1	62.1	13	-	-	320769
5	2	80.3	13	1779	-	527395
6	1	55.5	13	-	-	735508
7	2	72.6	13	1802	-	87589
8	1	60.5	13	-	-	295268
9	3	96.5	13	1045	1429	501215
10	3	91.1	13	1305	1584	708044
11	3	98.4	13	1778	1287	62000
12	1	52.9	13	-	-	269811
13	1	56.6	13	-	-	477311
14	3	94.8	13	1209	1483	682757
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5324			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	81.1	11	1094	-	42700
2	1	65.4	11	-	-	284912
3	3	97.5	11	1747	1085	525764
4	3	92.2	11	1446	1691	766943
5	3	89.2	11	1128	1354	12885
6	1	58.2	11	-	-	254985
7	2	81.4	11	1292	-	496653
8	3	85.2	11	1418	1405	737558
9	3	92.2	11	1617	1599	978346
10	2	69.8	11	1049	-	225122
11	2	74.9	11	1297	-	466642
12	2	80.1	11	1847	-	708223
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DFS Radar Parameters
FCC Radar Type 5
Channel 58 Bandwidth 80MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5323			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	68.8	14	1684	-	759209
2	3	90.8	14	1753	1448	155647
3	1	62.2	14	-	-	349982
4	2	70.5	14	1960	-	542150
5	2	81.3	14	1289	-	735735
6	1	52.8	14	-	-	132444
7	1	51.9	14	-	-	325957
8	1	65.3	14	-	-	519568
9	2	75.5	14	1642	-	712137
10	3	99.8	14	1027	1752	108161
11	2	72.6	14	1227	-	301671
12	3	91.5	14	1001	1327	494647
13	2	67.1	14	1473	-	688644
14	2	71.1	14	1765	-	84541
15	1	55.7	14	-	-	278298
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Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5324			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	72.7	11	1712	-	543906
2	3	92.5	11	1822	1594	765339
3	1	59.2	11	-	-	70273
4	2	69.5	11	1010	-	293388
5	1	55.2	11	-	-	517271
6	2	78.7	11	1129	-	740262
7	2	82.7	11	1208	-	42650
8	2	68.1	11	1681	-	265663
9	3	95.9	11	1854	1115	487908
10	1	54.2	11	-	-	713209
11	2	72.2	11	1395	-	15160
12	1	51.7	11	-	-	238706
13	1	62.5	11	-	-	462037
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Channel 50 Bandwidth 160MHz

DFS Radar Parameters
FCC Radar Type 1
Channel 50 Bandwidth 160MHz

Trial #	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	5	1672.24	598	Yes
2	13	1319.26	758	Yes
3	16	1222.49	818	Yes
4	19	1138.95	878	Yes
5	22	1066.10	938	Yes
6	18	1165.50	858	Yes
7	3	1792.11	558	Yes
8	23	326.16	3066	Yes
9	1	1930.50	518	Yes
10	2	1858.74	538	Yes
11	4	1730.10	578	Yes
12	10	1432.66	698	Yes
13	20	1113.59	898	Yes
14	6	1618.12	618	Yes
15	11	1392.76	718	Yes
16		933.71	1071	Yes
17		368.60	2713	No
18		336.36	2973	Yes
19		366.17	2731	Yes
20		392.00	2551	Yes
21		1013.17	987	Yes
22		1226.99	815	Yes
23		772.80	1294	Yes
24		333.44	2999	No
25		509.94	1961	Yes
26		1410.44	709	Yes
27		594.88	1681	Yes
28		438.02	2283	Yes
29		791.77	1263	Yes
30		387.00	2584	Yes

DFS Radar Parameters
FCC Radar Type 2
Channel 50 Bandwidth 160MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	24	1.90	223	Yes
2	24	2.00	222	Yes
3	29	4.60	182	Yes
4	27	3.80	214	Yes
5	27	3.70	209	Yes
6	27	3.80	177	Yes
7	26	2.70	155	Yes
8	29	4.60	204	No
9	27	3.50	207	Yes
10	27	3.50	158	Yes
11	24	2.10	193	Yes
12	29	5.00	196	Yes
13	25	2.40	217	Yes
14	25	2.40	208	Yes
15	23	1.40	153	Yes
16	25	2.10	206	Yes
17	29	4.90	174	Yes
18	28	4.00	226	Yes
19	28	3.90	216	Yes
20	29	4.80	215	Yes
21	26	3.00	210	Yes
22	25	2.20	229	Yes
23	27	3.70	230	Yes
24	24	1.60	162	Yes
25	25	2.50	179	Yes
26	26	2.80	189	Yes
27	26	3.10	194	Yes
28	25	2.50	190	Yes
29	26	3.30	160	Yes
30	26	2.70	166	No

DFS Radar Parameters
FCC Radar Type 3
Channel 50 Bandwidth 160MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	16	6.90	497	Yes
2	16	7.00	446	No
3	18	9.60	364	Yes
4	18	8.80	432	Yes
5	17	8.70	481	No
6	18	8.80	238	Yes
7	17	7.70	268	Yes
8	18	9.60	267	Yes
9	17	8.50	204	No
10	17	8.50	249	No
11	16	7.10	212	Yes
12	18	10.00	494	Yes
13	17	7.40	403	Yes
14	17	7.40	236	No
15	16	6.40	437	Yes
16	16	7.10	349	No
17	18	9.90	345	Yes
18	18	9.00	429	Yes
19	18	8.90	205	Yes
20	18	9.80	416	Yes
21	17	8.00	323	Yes
22	16	7.20	362	Yes
23	17	8.70	258	Yes
24	16	6.60	283	Yes
25	17	7.50	401	No
26	17	7.80	230	Yes
27	17	8.10	301	Yes
28	17	7.50	319	Yes
29	17	8.30	460	Yes
30	17	7.70	326	Yes

DFS Radar Parameters
FCC Radar Type 4
Channel 50 Bandwidth 160MHz

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	13	13.20	497	Yes
2	13	13.20	446	Yes
3	16	19.10	364	Yes
4	15	17.30	432	Yes
5	15	17.00	481	Yes
6	15	17.30	238	Yes
7	14	14.90	268	Yes
8	16	19.00	267	Yes
9	15	16.70	204	Yes
10	15	16.60	249	Yes
11	13	13.50	212	No
12	16	20.00	494	Yes
13	13	14.20	403	Yes
14	13	14.20	236	No
15	12	11.90	437	No
16	13	13.60	349	Yes
17	16	19.60	345	Yes
18	15	17.60	429	Yes
19	15	17.50	205	Yes
20	16	19.50	416	Yes
21	14	15.50	323	Yes
22	13	13.80	362	Yes
23	15	17.00	258	Yes
24	12	12.30	283	Yes
25	13	14.40	401	Yes
26	14	15.00	230	Yes
27	14	15.70	301	Yes
28	13	14.40	319	Yes
29	14	16.10	460	Yes
30	14	14.90	326	No

DFS Radar Parameters
FCC Radar Type 5
Channel 50 Bandwidth 160MHz

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	62.1	8	-	-	528800
2	1	62.2	8	-	-	792774
3	3	94.6	8	1064	1365	1054423
4	3	84.9	8	1920	1839	231321
5	2	83	8	1255	-	495625
6	3	85.1	8	1004	1745	758357
7	2	71.5	8	1715	-	1022962
8	3	94.5	8	1179	1219	199172
9	2	81.5	8	1657	-	463163
10	2	81	8	1527	-	727045
11	1	63.9	8	-	-	992224
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	99.9	8	1243	1410	166606
2	2	67.8	8	1047	-	430714
3	2	68	8	1304	-	694440
4	1	55	8	-	-	959287
5	1	64.5	8	-	-	134437
6	3	97.7	8	1626	1433	397529
7	3	86.8	8	1443	1640	661151
8	3	85.8	8	1040	1485	925045
9	3	96.9	8	1071	1173	101715
10	2	75.1	8	1646	-	365703
11	1	65.6	8	-	-	630042
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Channel 50 Bandwidth 160MHz

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	83.3	19	1422	-	516305
2	1	57.6	19	-	-	40133
3	2	69.1	19	1890	-	192420
4	2	72.5	19	1685	-	344924
5	2	76.1	19	1785	-	496744
6	2	69.1	19	1850	-	21233
7	2	78.5	19	1792	-	173670
8	2	71.6	19	1953	-	325648
9	1	62.6	19	-	-	479960
10	3	87.9	19	1494	1279	2448
11	3	97.5	19	1400	1748	154446
12	3	87.5	19	1758	1017	306859
13	3	91.3	19	1487	1212	458582
14	2	69.3	19	1210	-	612878
15	1	53.9	19	-	-	136489
16	1	61	19	-	-	289328
17	3	91.4	19	1067	1595	440545
18	2	67.9	19	1812	-	593526
19	2	77	19	1616	-	117375
20						

Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	50	16	-	-	302296
2	1	62.4	16	-	-	472948
3	3	99.3	16	1903	1113	640892
4	2	77.8	16	1832	-	110186
5	1	62.6	16	-	-	281465
6	2	77.9	16	1918	-	450873
7	1	62.5	16	-	-	622924
8	1	63	16	-	-	89357
9	1	66.6	16	-	-	260424
10	2	75.8	16	1582	-	430305
11	2	81	16	1438	-	600361
12	1	54.4	16	-	-	68363
13	1	51	16	-	-	239212
14	1	53.5	16	-	-	410231
15	3	96.6	16	1726	1844	577678
16	2	79	16	1052	-	47251
17	3	86.9	16	1481	1725	217094
18						
19						
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Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	65.7	15	-	-	413284
2	1	60.5	15	-	-	595238
3	1	59	15	-	-	27925
4	1	52.4	15	-	-	209450
5	1	65.9	15	-	-	391192
6	1	59.9	15	-	-	572193
7	2	68.3	15	1098	-	5559
8	2	76.1	15	1163	-	186907
9	1	52.3	15	-	-	368692
10	2	80.4	15	1680	-	548993
11	2	76.8	15	1924	-	730087
12	3	85.7	15	1593	1087	164121
13	1	60.6	15	-	-	346178
14	3	86.7	15	1784	1355	525280
15	3	95.4	15	1328	1061	707516
16	2	67.8	15	1679	-	142127
17						
18						
19						
20						

Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	69.9	16	1991	-	303947
2	2	75.1	16	1078	-	474727
3	1	53.1	16	-	-	646672
4	3	84	16	1314	1408	112585
5	2	79.8	16	1033	-	283225
6	1	56.4	16	-	-	454694
7	3	94.7	16	1863	1906	622508
8	1	63.5	16	-	-	91883
9	1	56	16	-	-	262870
10	1	61.8	16	-	-	433639
11	3	95.9	16	1926	1372	601587
12	2	81.7	16	1689	-	70702
13	3	83.4	16	1782	1772	240592
14	3	96.5	16	1309	1722	410864
15	3	83.9	16	2000	1215	580881
16	3	94.7	16	1935	1843	49537
17	3	90.3	16	1673	1931	219519
18						
19						
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Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	67	11	1664	-	511507
2	3	95.3	11	1435	1424	733306
3	2	80.9	11	1769	-	37569
4	1	58.9	11	-	-	261054
5	2	74.6	11	1346	-	483828
6	3	84.2	11	1195	1367	706292
7	1	52.5	11	-	-	10120
8	2	81	11	1266	-	233282
9	1	51.7	11	-	-	457212
10	1	60.3	11	-	-	680926
11	3	97.6	11	1382	1833	900762
12	3	85.8	11	1224	1073	205657
13	2	77.3	11	1614	-	428674
14						
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19						
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	56	19	-	-	446308
2	3	89.1	19	1736	1025	596962
3	3	85.6	19	1290	1601	121522
4	3	86.6	19	1350	1955	273384
5	2	81.1	19	1302	-	426829
6	2	78.5	19	1476	-	578945
7	3	93.4	19	1387	1989	102777
8	3	95.1	19	1167	1731	255086
9	1	57.1	19	-	-	409037
10	1	59.3	19	-	-	561970
11	1	65.9	19	-	-	84427
12	3	95.5	19	1051	1760	236259
13	3	96.4	19	1343	1310	388197
14	1	54	19	-	-	543264
15	1	64	19	-	-	65597
16	3	86.6	19	1334	1136	217685
17	3	92.7	19	1864	1739	368846
18	1	55.9	19	-	-	523764
19	3	96.5	19	1106	1997	46558
20						

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Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5290			
Burst	Number of Pulses	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	82.1	15	1349	-	236746
2	3	95.4	15	1111	1272	417281
3	3	93.7	15	1800	1618	597528
4	3	91.4	15	1430	1134	33121
5	1	64.5	15	-	-	214700
6	1	58.9	15	-	-	396170
7	3	95.4	15	1020	1409	576252
8	3	90.9	15	1983	1037	10817
9	1	50.6	15	-	-	192417
10	1	52.9	15	-	-	373925
11	2	78.1	15	1484	-	554397
12	3	96.2	15	1059	1288	734512
13	3	97.2	15	1503	1629	169322
14	2	77.8	15	1705	-	350938
15	2	78.7	15	1859	-	531494
16	1	55.8	15	-	-	714495
17						
18						
19						
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5290			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	56.7	14	-	-	147583
2	3	96.2	14	1550	1841	327904
3	3	96.8	14	1592	1228	508973
4	1	65.3	14	-	-	692108
5	1	55.3	14	-	-	125297
6	1	51.3	14	-	-	306747
7	3	95.3	14	1566	1442	486382
8	1	59.9	14	-	-	669497
9	3	86	14	1648	1987	102488
10	1	65	14	-	-	284374
11	1	63.4	14	-	-	465948
12	2	78.2	14	1317	-	646419
13	2	80.1	14	1660	-	80387
14	3	88.5	14	1650	1336	261254
15	3	94.4	14	1184	1471	442030
16	1	59	14	-	-	625232
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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5254			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	54.4	9	-	-	84787
2	1	51	9	-	-	348864
3	1	53.6	9	-	-	613387
4	2	82	9	1156	-	876166
5	1	62.4	9	-	-	52187
6	3	97.8	9	1572	1856	315441
7	2	71.1	9	1239	-	580245
8	2	77.6	9	1910	-	843178
9	3	85.8	9	1913	1359	19608
10	3	87.7	9	1598	1556	283116
11	3	92.8	9	1479	1968	546563
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5259			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	92.1	20	1501	1193	444610
2	2	79	20	1564	-	589468
3	1	63.2	20	-	-	138159
4	2	68.7	20	1862	-	282158
5	2	67.6	20	1357	-	427441
6	2	67.6	20	1321	-	572473
7	3	98.3	20	1097	1220	119694
8	1	57.2	20	-	-	265532
9	3	90.5	20	2000	1319	407911
10	3	96	20	1194	1118	553232
11	3	90.6	20	1458	1091	101937
12	3	91.2	20	1943	1930	245923
13	2	80.7	20	1585	-	391789
14	1	50.1	20	-	-	537427
15	3	83.7	20	1063	1717	84022
16	1	55.4	20	-	-	229628
17	3	99.5	20	1917	1498	372679
18	3	95.6	20	1361	1065	517929
19	2	67.1	20	1427	-	66369
20	1	60.8	20	-	-	211810

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Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5255			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	62.1	10	-	-	595337
2	1	58.6	10	-	-	837847
3	2	69.1	10	1130	-	81138
4	3	91.8	10	1619	1848	322315
5	3	96.1	10	1470	1403	563695
6	2	74.1	10	1559	-	806558
7	3	96.8	10	1026	1053	51252
8	3	93.4	10	1773	1655	292564
9	1	59	10	-	-	535867
10	2	75	10	1589	-	776272
11	2	69.1	10	1213	-	21521
12	2	79.6	10	1462	-	263231
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5255			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	67.7	10	1512	-	505127
2	1	58.6	10	-	-	748063
3	1	53.1	10	-	-	990426
4	2	80.9	10	1992	-	233407
5	2	72.7	10	1961	-	475240
6	3	96.3	10	1490	1031	716271
7	3	95.8	10	1635	1337	957906
8	1	60.5	10	-	-	204115
9	2	81.8	10	1211	-	445604
10	2	81.2	10	1774	-	687389
11	1	53.8	10	-	-	930869
12	1	63	10	-	-	174180
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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5253			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	63.8	6	-	-	555446
2	1	59.9	6	-	-	878105
3	2	72.9	6	1311	-	1200540
4	2	81.8	6	1721	-	192397
5	2	78.7	6	1223	-	515300
6	3	92.3	6	1038	1902	836499
7	2	71.6	6	1324	-	1160531
8	2	82.1	6	1464	-	152696
9	2	68.6	6	1152	-	475284
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5254			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	76.8	9	1154	-	652928
2	2	80.6	9	1370	-	916437
3	3	83.5	9	1119	1454	92206
4	1	59.9	9	-	-	356579
5	2	71.5	9	1303	-	620376
6	2	72.7	9	1250	-	883762
7	3	93.6	9	1286	1746	59728
8	2	70.8	9	1875	-	323506
9	1	54.9	9	-	-	588502
10	3	98.3	9	1967	1032	849961
11	1	65.4	9	-	-	27364
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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5259			Yes
Burst	Number of Pulses	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	20	1995	-	159553
2	1	60.9	20	-	-	305386
3	2	73.4	20	1080	-	449624
4	2	72.1	20	1780	-	594130
5	3	97.1	20	1360	1083	141701
6	1	52.8	20	-	-	287299
7	2	82.8	20	1548	-	431289
8	1	53.2	20	-	-	578155
9	3	99.8	20	1793	1450	123683
10	1	56.5	20	-	-	269526
11	2	79	20	1896	-	413606
12	2	80.9	20	1277	-	558826
13	1	54.7	20	-	-	106567
14	1	56	20	-	-	251618
15	2	77.9	20	1056	-	396324
16	3	86.2	20	1620	1096	539212
17	1	51.1	20	-	-	88609
18	1	65	20	-	-	233862
19	1	64.7	20	-	-	379160
20	2	66.8	20	1431	-	523113

Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5257			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	53.3	16	-	-	83345
2	3	87	16	1160	1536	253293
3	1	60.9	16	-	-	424772
4	3	90.9	16	1730	1374	593011
5	2	78	16	1015	-	62184
6	2	69.6	16	1034	-	232901
7	2	71	16	1486	-	403263
8	1	51.1	16	-	-	574506
9	2	73.6	16	1364	-	41126
10	1	52.2	16	-	-	212054
11	3	89.7	16	1342	1110	381482
12	2	76.9	16	1781	-	551993
13	2	83	16	1100	-	20159
14	3	88.4	16	1658	1441	190254
15	3	86.2	16	1363	1140	360826
16	1	52.8	16	-	-	532672
17	3	86.5	16	1570	1132	700825
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5257			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	50.8	16	-	-	169999
2	3	84.8	16	1973	1860	338893
3	2	75.9	16	1472	-	510219
4	1	59.5	16	-	-	682323
5	2	68.4	16	1551	-	148511
6	2	82.4	16	1704	-	318777
7	1	62	16	-	-	490270
8	3	97.9	16	1384	1466	658864
9	3	99.7	16	1005	1549	127379
10	2	78.8	16	1242	-	298396
11	1	53.8	16	-	-	469339
12	3	93.7	16	1709	1245	637708
13	3	86.5	16	1509	1543	106448
14	3	92.4	16	1402	1329	276619
15	1	55.8	16	-	-	448427
16	3	90.2	16	1445	1507	616373
17	2	81.4	16	1661	-	85573
18						
19						
20						

Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5259			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	62.1	20	-	-	218001
2	3	89.8	20	1522	1826	360971
3	1	50	20	-	-	508090
4	2	82.6	20	1899	-	54877
5	3	94.2	20	1021	1000	199676
6	2	77.4	20	1306	-	344607
7	2	81.8	20	1698	-	489025
8	2	81.6	20	1729	-	37036
9	2	79.6	20	1151	-	181937
10	3	97.6	20	1141	1928	325760
11	2	66.8	20	1252	-	471418
12	1	52.1	20	-	-	19272
13	3	97.9	20	1929	1735	163426
14	1	66.3	20	-	-	309810
15	2	69.8	20	1399	-	453658
16	2	75	20	1320	-	1388
17	3	99.7	20	1583	1385	145702
18	1	50.3	20	-	-	291884
19	2	80.2	20	1229	-	435621
20	3	88.9	20	1959	1436	578984

DFS Radar Parameters
FCC Radar Type 5
Channel 50 Bandwidth 160MHz

Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5324			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	57.2	13	-	-	183987
2	3	85	13	1923	1846	389789
3	1	54.6	13	-	-	599213
4	3	98.9	13	1762	1948	803311
5	3	93.1	13	1672	1612	157835
6	2	78.4	13	1627	-	365164
7	3	90.8	13	1816	1511	571420
8	2	67.2	13	1700	-	779663
9	1	57.5	13	-	-	132763
10	3	87.1	13	1738	1143	339368
11	1	59.8	13	-	-	547707
12	3	83.9	13	1809	1378	752387
13	3	86.7	13	1770	1411	106803
14	1	51.6	13	-	-	314928
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5326			No
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	76.3	9	1341	-	608400
2	3	96.4	9	1295	1380	849533
3	1	52.8	9	-	-	95338
4	1	53.9	9	-	-	337558
5	1	56.6	9	-	-	579668
6	1	57.4	9	-	-	822247
7	3	94.1	9	1437	1830	65327
8	2	77.9	9	1647	-	307232
9	3	88.9	9	1489	1449	547999
10	3	84.9	9	1621	1690	788994
11	3	95.2	9	1526	1720	35581
12	3	95.7	9	1090	1947	276989
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DFS Radar Parameters
FCC Radar Type 5
Channel 50 Bandwidth 160MHz

Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5323			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	51.7	15	-	-	389763
2	1	62.5	15	-	-	571338
3	3	84	15	1568	1845	4369
4	2	68.6	15	1377	-	185653
5	3	86.8	15	1547	1742	365780
6	3	92	15	1137	1453	547445
7	2	75.7	15	1201	-	729766
8	1	51.3	15	-	-	163554
9	2	74.1	15	1958	-	344179
10	2	77.2	15	1226	-	525695
11	3	85.2	15	1016	1677	705323
12	1	51.1	15	-	-	141252
13	3	89.6	15	1914	1192	321466
14	1	65.8	15	-	-	504101
15	3	86.6	15	1912	1231	682516
16	1	64.6	15	-	-	118844
17						
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19						
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5327			No
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	74.1	7	1170	-	533888
2	3	92.5	7	1940	1801	854750
3	3	87.7	7	1318	1986	1177443
4	2	83	7	1168	-	171546
5	1	65.4	7	-	-	494664
6	3	96.3	7	1207	1315	815860
7	3	90	7	1322	1909	1137841
8	2	73.5	7	1624	-	131690
9	2	72.2	7	1605	-	454438
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DFS Radar Parameters
FCC Radar Type 5
Channel 50 Bandwidth 160MHz

Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5325			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	95.8	11	1818	1042	581680
2	3	93.7	11	1270	1469	823458
3	2	72.8	11	1246	-	68928
4	3	94.8	11	1840	1013	310262
5	2	79.4	11	1039	-	552771
6	3	96.1	11	1831	1611	793109
7	2	69.8	11	1492	-	39143
8	1	53.6	11	-	-	281302
9	3	97.4	11	1524	1823	521983
10	2	76.6	11	1670	-	764416
11	2	78.3	11	1386	-	9374
12	2	83.3	11	1604	-	251090
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5325			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	88.9	12	1123	1842	454009
2	1	50.2	12	-	-	678871
3	2	67.9	12	1050	-	902021
4	1	58.1	12	-	-	204628
5	3	85.3	12	1171	1426	427086
6	2	77.5	12	1282	-	650712
7	3	99.2	12	1262	1545	872204
8	1	61.2	12	-	-	177178
9	1	51.7	12	-	-	400523
10	1	64.4	12	-	-	623911
11	3	90.9	12	1615	1003	844886
12	2	70.8	12	1088	-	149354
13	2	79.4	12	1340	-	372553
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DFS Radar Parameters
FCC Radar Type 5
Channel 50 Bandwidth 160MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5324			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	53.8	13	-	-	554174
2	3	96.4	13	1766	1868	758329
3	3	97.3	13	1877	1273	112864
4	1	62.1	13	-	-	320769
5	2	80.3	13	1779	-	527395
6	1	55.5	13	-	-	735508
7	2	72.6	13	1802	-	87589
8	1	60.5	13	-	-	295268
9	3	96.5	13	1045	1429	501215
10	3	91.1	13	1305	1584	708044
11	3	98.4	13	1778	1287	62000
12	1	52.9	13	-	-	269811
13	1	56.6	13	-	-	477311
14	3	94.8	13	1209	1483	682757
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5325			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	81.1	11	1094	-	42700
2	1	65.4	11	-	-	284912
3	3	97.5	11	1747	1085	525764
4	3	92.2	11	1446	1691	766943
5	3	89.2	11	1128	1354	12885
6	1	58.2	11	-	-	254985
7	2	81.4	11	1292	-	496653
8	3	85.2	11	1418	1405	737558
9	3	92.2	11	1617	1599	978346
10	2	69.8	11	1049	-	225122
11	2	74.9	11	1297	-	466642
12	2	80.1	11	1847	-	708223
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DFS Radar Parameters
FCC Radar Type 5
Channel 50 Bandwidth 160MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5324			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	68.8	14	1684	-	759209
2	3	90.8	14	1753	1448	155647
3	1	62.2	14	-	-	349982
4	2	70.5	14	1960	-	542150
5	2	81.3	14	1289	-	735735
6	1	52.8	14	-	-	132444
7	1	51.9	14	-	-	325957
8	1	65.3	14	-	-	519568
9	2	75.5	14	1642	-	712137
10	3	99.8	14	1027	1752	108161
11	2	72.6	14	1227	-	301671
12	3	91.5	14	1001	1327	494647
13	2	67.1	14	1473	-	688644
14	2	71.1	14	1765	-	84541
15	1	55.7	14	-	-	278298
16						
17						
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Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5325			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	72.7	11	1712	-	543906
2	3	92.5	11	1822	1594	765339
3	1	59.2	11	-	-	70273
4	2	69.5	11	1010	-	293388
5	1	55.2	11	-	-	517271
6	2	78.7	11	1129	-	740262
7	2	82.7	11	1208	-	42650
8	2	68.1	11	1681	-	265663
9	3	95.9	11	1854	1115	487908
10	1	54.2	11	-	-	713209
11	2	72.2	11	1395	-	15160
12	1	51.7	11	-	-	238706
13	1	62.5	11	-	-	462037
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Channel 100 Bandwidth 20MHz

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	5	1672.24	598	Yes
2	13	1319.26	758	Yes
3	16	1222.49	818	Yes
4	19	1138.95	878	Yes
5	22	1066.10	938	Yes
6	18	1165.50	858	Yes
7	3	1792.11	558	Yes
8	23	326.16	3066	Yes
9	1	1930.50	518	Yes
10	2	1858.74	538	Yes
11	4	1730.10	578	Yes
12	10	1432.66	698	Yes
13	20	1113.59	898	Yes
14	6	1618.12	618	Yes
15	11	1392.76	718	Yes
16		933.71	1071	Yes
17		368.60	2713	Yes
18		336.36	2973	No
19		366.17	2731	Yes
20		392.00	2551	Yes
21		1013.17	987	Yes
22		1226.99	815	Yes
23		772.80	1294	Yes
24		333.44	2999	Yes
25		509.94	1961	Yes
26		1410.44	709	Yes
27		594.88	1681	Yes
28		438.02	2283	Yes
29		791.77	1263	Yes
30		387.00	2584	Yes

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	24	1.90	223	Yes
2	24	2.00	222	Yes
3	29	4.60	182	Yes
4	27	3.80	214	Yes
5	27	3.70	209	Yes
6	27	3.80	177	Yes
7	26	2.70	155	Yes
8	29	4.60	204	Yes
9	27	3.50	207	Yes
10	27	3.50	158	Yes
11	24	2.10	193	Yes
12	29	5.00	196	Yes
13	25	2.40	217	Yes
14	25	2.40	208	Yes
15	23	1.40	153	Yes
16	25	2.10	206	Yes
17	29	4.90	174	Yes
18	28	4.00	226	Yes
19	28	3.90	216	Yes
20	29	4.80	215	Yes
21	26	3.00	210	Yes
22	25	2.20	229	Yes
23	27	3.70	230	Yes
24	24	1.60	162	Yes
25	25	2.50	179	Yes
26	26	2.80	189	Yes
27	26	3.10	194	Yes
28	25	2.50	190	Yes
29	26	3.30	160	Yes
30	26	2.70	166	Yes

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

Trial #	Number Pulses per Burst	Pulse Width (Microseconds)	Pulse Repetition Interval (Microseconds)	Detection (Yes / No)
1	16	6.90	497	Yes
2	16	7.00	446	Yes
3	18	9.60	364	Yes
4	18	8.80	432	Yes
5	17	8.70	481	Yes
6	18	8.80	238	Yes
7	17	7.70	268	Yes
8	18	9.60	267	Yes
9	17	8.50	204	Yes
10	17	8.50	249	No
11	16	7.10	212	Yes
12	18	10.00	494	Yes
13	17	7.40	403	Yes
14	17	7.40	236	Yes
15	16	6.40	437	Yes
16	16	7.10	349	Yes
17	18	9.90	345	Yes
18	18	9.00	429	Yes
19	18	8.90	205	No
20	18	9.80	416	Yes
21	17	8.00	323	Yes
22	16	7.20	362	Yes
23	17	8.70	258	Yes
24	16	6.60	283	Yes
25	17	7.50	401	Yes
26	17	7.80	230	Yes
27	17	8.10	301	Yes
28	17	7.50	319	Yes
29	17	8.30	460	No
30	17	7.70	326	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	13	13.20	497	Yes
2	13	13.20	446	Yes
3	16	19.10	364	Yes
4	15	17.30	432	Yes
5	15	17.00	481	Yes
6	15	17.30	238	Yes
7	14	14.90	268	Yes
8	16	19.00	267	Yes
9	15	16.70	204	Yes
10	15	16.60	249	Yes
11	13	13.50	212	Yes
12	16	20.00	494	Yes
13	13	14.20	403	No
14	13	14.20	236	Yes
15	12	11.90	437	Yes
16	13	13.60	349	Yes
17	16	19.60	345	Yes
18	15	17.60	429	Yes
19	15	17.50	205	No
20	16	19.50	416	Yes
21	14	15.50	323	Yes
22	13	13.80	362	Yes
23	15	17.00	258	Yes
24	12	12.30	283	No
25	13	14.40	401	Yes
26	14	15.00	230	Yes
27	14	15.70	301	Yes
28	13	14.40	319	Yes
29	14	16.10	460	No
30	14	14.90	326	Yes

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

Trial Number:			1			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	62.1	8	-	-	528800
2	1	62.2	8	-	-	792774
3	3	94.6	8	1064	1365	1054423
4	3	84.9	8	1920	1839	231321
5	2	83	8	1255	-	495625
6	3	85.1	8	1004	1745	758357
7	2	71.5	8	1715	-	1022962
8	3	94.5	8	1179	1219	199172
9	2	81.5	8	1657	-	463163
10	2	81	8	1527	-	727045
11	1	63.9	8	-	-	992224
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Trial Number:			2			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	99.9	8	1243	1410	166606
2	2	67.8	8	1047	-	430714
3	2	68	8	1304	-	694440
4	1	55	8	-	-	959287
5	1	64.5	8	-	-	134437
6	3	97.7	8	1626	1433	397529
7	3	86.8	8	1443	1640	661151
8	3	85.8	8	1040	1485	925045
9	3	96.9	8	1071	1173	101715
10	2	75.1	8	1646	-	365703
11	1	65.6	8	-	-	630042
12						
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			3			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	83.3	19	1422	-	516305
2	1	57.6	19	-	-	40133
3	2	69.1	19	1890	-	192420
4	2	72.5	19	1685	-	344924
5	2	76.1	19	1785	-	496744
6	2	69.1	19	1850	-	21233
7	2	78.5	19	1792	-	173670
8	2	71.6	19	1953	-	325648
9	1	62.6	19	-	-	479960
10	3	87.9	19	1494	1279	2448
11	3	97.5	19	1400	1748	154446
12	3	87.5	19	1758	1017	306859
13	3	91.3	19	1487	1212	458582
14	2	69.3	19	1210	-	612878
15	1	53.9	19	-	-	136489
16	1	61	19	-	-	289328
17	3	91.4	19	1067	1595	440545
18	2	67.9	19	1812	-	593526
19	2	77	19	1616	-	117375
20						

Trial Number:			4			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	50	16	-	-	302296
2	1	62.4	16	-	-	472948
3	3	99.3	16	1903	1113	640892
4	2	77.8	16	1832	-	110186
5	1	62.6	16	-	-	281465
6	2	77.9	16	1918	-	450873
7	1	62.5	16	-	-	622924
8	1	63	16	-	-	89357
9	1	66.6	16	-	-	260424
10	2	75.8	16	1582	-	430305
11	2	81	16	1438	-	600361
12	1	54.4	16	-	-	68363
13	1	51	16	-	-	239212
14	1	53.5	16	-	-	410231
15	3	96.6	16	1726	1844	577678
16	2	79	16	1052	-	47251
17	3	86.9	16	1481	1725	217094
18						
19						
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			5			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	65.7	15	-	-	413284
2	1	60.5	15	-	-	595238
3	1	59	15	-	-	27925
4	1	52.4	15	-	-	209450
5	1	65.9	15	-	-	391192
6	1	59.9	15	-	-	572193
7	2	68.3	15	1098	-	5559
8	2	76.1	15	1163	-	186907
9	1	52.3	15	-	-	368692
10	2	80.4	15	1680	-	548993
11	2	76.8	15	1924	-	730087
12	3	85.7	15	1593	1087	164121
13	1	60.6	15	-	-	346178
14	3	86.7	15	1784	1355	525280
15	3	95.4	15	1328	1061	707516
16	2	67.8	15	1679	-	142127
17						
18						
19						
20						

Trial Number:			6			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	69.9	16	1991	-	303947
2	2	75.1	16	1078	-	474727
3	1	53.1	16	-	-	646672
4	3	84	16	1314	1408	112585
5	2	79.8	16	1033	-	283225
6	1	56.4	16	-	-	454694
7	3	94.7	16	1863	1906	622508
8	1	63.5	16	-	-	91883
9	1	56	16	-	-	262870
10	1	61.8	16	-	-	433639
11	3	95.9	16	1926	1372	601587
12	2	81.7	16	1689	-	70702
13	3	83.4	16	1782	1772	240592
14	3	96.5	16	1309	1722	410864
15	3	83.9	16	2000	1215	580881
16	3	94.7	16	1935	1843	49537
17	3	90.3	16	1673	1931	219519
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DFS Radar Parameters
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Channel 100 Bandwidth 20MHz

Trial Number:			7			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5500			
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	2	67	11	1664	-	511507
2	3	95.3	11	1435	1424	733306
3	2	80.9	11	1769	-	37569
4	1	58.9	11	-	-	261054
5	2	74.6	11	1346	-	483828
6	3	84.2	11	1195	1367	706292
7	1	52.5	11	-	-	10120
8	2	81	11	1266	-	233282
9	1	51.7	11	-	-	457212
10	1	60.3	11	-	-	680926
11	3	97.6	11	1382	1833	900762
12	3	85.8	11	1224	1073	205657
13	2	77.3	11	1614	-	428674
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Trial Number:			8			Detection (Yes/No)
Number of Bursts in Trial:			19			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µsec)	Pulse 2-to-3 Spacing (µsec)	Starting Location Within Interval (µsec)
1	1	56	19	-	-	446308
2	3	89.1	19	1736	1025	596962
3	3	85.6	19	1290	1601	121522
4	3	86.6	19	1350	1955	273384
5	2	81.1	19	1302	-	426829
6	2	78.5	19	1476	-	578945
7	3	93.4	19	1387	1989	102777
8	3	95.1	19	1167	1731	255086
9	1	57.1	19	-	-	409037
10	1	59.3	19	-	-	561970
11	1	65.9	19	-	-	84427
12	3	95.5	19	1051	1760	236259
13	3	96.4	19	1343	1310	388197
14	1	54	19	-	-	543264
15	1	64	19	-	-	65597
16	3	86.6	19	1334	1136	217685
17	3	92.7	19	1864	1739	368846
18	1	55.9	19	-	-	523764
19	3	96.5	19	1106	1997	46558
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Trial Number:			9			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	82.1	15	1349	-	236746
2	3	95.4	15	1111	1272	417281
3	3	93.7	15	1800	1618	597528
4	3	91.4	15	1430	1134	33121
5	1	64.5	15	-	-	214700
6	1	58.9	15	-	-	396170
7	3	95.4	15	1020	1409	576252
8	3	90.9	15	1983	1037	10817
9	1	50.6	15	-	-	192417
10	1	52.9	15	-	-	373925
11	2	78.1	15	1484	-	554397
12	3	96.2	15	1059	1288	734512
13	3	97.2	15	1503	1629	169322
14	2	77.8	15	1705	-	350938
15	2	78.7	15	1859	-	531494
16	1	55.8	15	-	-	714495
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Trial Number:			10			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5500			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	56.7	14	-	-	147583
2	3	96.2	14	1550	1841	327904
3	3	96.8	14	1592	1228	508973
4	1	65.3	14	-	-	692108
5	1	55.3	14	-	-	125297
6	1	51.3	14	-	-	306747
7	3	95.3	14	1566	1442	486382
8	1	59.9	14	-	-	669497
9	3	86	14	1648	1987	102488
10	1	65	14	-	-	284374
11	1	63.4	14	-	-	465948
12	2	78.2	14	1317	-	646419
13	2	80.1	14	1660	-	80387
14	3	88.5	14	1650	1336	261254
15	3	94.4	14	1184	1471	442030
16	1	59	14	-	-	625232
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DFS Radar Parameters
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Trial Number:			11			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5494			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	54.4	9	-	-	84787
2	1	51	9	-	-	348864
3	1	53.6	9	-	-	613387
4	2	82	9	1156	-	876166
5	1	62.4	9	-	-	52187
6	3	97.8	9	1572	1856	315441
7	2	71.1	9	1239	-	580245
8	2	77.6	9	1910	-	843178
9	3	85.8	9	1913	1359	19608
10	3	87.7	9	1598	1556	283116
11	3	92.8	9	1479	1968	546563
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Trial Number:			12			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5498			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	92.1	20	1501	1193	444610
2	2	79	20	1564	-	589468
3	1	63.2	20	-	-	138159
4	2	68.7	20	1862	-	282158
5	2	67.6	20	1357	-	427441
6	2	67.6	20	1321	-	572473
7	3	98.3	20	1097	1220	119694
8	1	57.2	20	-	-	265532
9	3	90.5	20	2000	1319	407911
10	3	96	20	1194	1118	553232
11	3	90.6	20	1458	1091	101937
12	3	91.2	20	1943	1930	245923
13	2	80.7	20	1585	-	391789
14	1	50.1	20	-	-	537427
15	3	83.7	20	1063	1717	84022
16	1	55.4	20	-	-	229628
17	3	99.5	20	1917	1498	372679
18	3	95.6	20	1361	1065	517929
19	2	67.1	20	1427	-	66369
20	1	60.8	20	-	-	211810

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Trial Number:			13			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5494			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	62.1	10	-	-	595337
2	1	58.6	10	-	-	837847
3	2	69.1	10	1130	-	81138
4	3	91.8	10	1619	1848	322315
5	3	96.1	10	1470	1403	563695
6	2	74.1	10	1559	-	806558
7	3	96.8	10	1026	1053	51252
8	3	93.4	10	1773	1655	292564
9	1	59	10	-	-	535867
10	2	75	10	1589	-	776272
11	2	69.1	10	1213	-	21521
12	2	79.6	10	1462	-	263231
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Trial Number:			14			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5494			
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	67.7	10	1512	-	505127
2	1	58.6	10	-	-	748063
3	1	53.1	10	-	-	990426
4	2	80.9	10	1992	-	233407
5	2	72.7	10	1961	-	475240
6	3	96.3	10	1490	1031	716271
7	3	95.8	10	1635	1337	957906
8	1	60.5	10	-	-	204115
9	2	81.8	10	1211	-	445604
10	2	81.2	10	1774	-	687389
11	1	53.8	10	-	-	930869
12	1	63	10	-	-	174180
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Trial Number:			15			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5493			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	63.8	6	-	-	555446
2	1	59.9	6	-	-	878105
3	2	72.9	6	1311	-	1200540
4	2	81.8	6	1721	-	192397
5	2	78.7	6	1223	-	515300
6	3	92.3	6	1038	1902	836499
7	2	71.6	6	1324	-	1160531
8	2	82.1	6	1464	-	152696
9	2	68.6	6	1152	-	475284
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Trial Number:			16			Detection (Yes/No)
Number of Bursts in Trial:			11			
Chirp Center Frequency:			5494			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	76.8	9	1154	-	652928
2	2	80.6	9	1370	-	916437
3	3	83.5	9	1119	1454	92206
4	1	59.9	9	-	-	356579
5	2	71.5	9	1303	-	620376
6	2	72.7	9	1250	-	883762
7	3	93.6	9	1286	1746	59728
8	2	70.8	9	1875	-	323506
9	1	54.9	9	-	-	588502
10	3	98.3	9	1967	1032	849961
11	1	65.4	9	-	-	27364
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Trial Number:			17			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5498			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	76.8	20	1995	-	159553
2	1	60.9	20	-	-	305386
3	2	73.4	20	1080	-	449624
4	2	72.1	20	1780	-	594130
5	3	97.1	20	1360	1083	141701
6	1	52.8	20	-	-	287299
7	2	82.8	20	1548	-	431289
8	1	53.2	20	-	-	578155
9	3	99.8	20	1793	1450	123683
10	1	56.5	20	-	-	269526
11	2	79	20	1896	-	413606
12	2	80.9	20	1277	-	558826
13	1	54.7	20	-	-	106567
14	1	56	20	-	-	251618
15	2	77.9	20	1056	-	396324
16	3	86.2	20	1620	1096	539212
17	1	51.1	20	-	-	88609
18	1	65	20	-	-	233862
19	1	64.7	20	-	-	379160
20	2	66.8	20	1431	-	523113

Trial Number:			18			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5497			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	53.3	16	-	-	83345
2	3	87	16	1160	1536	253293
3	1	60.9	16	-	-	424772
4	3	90.9	16	1730	1374	593011
5	2	78	16	1015	-	62184
6	2	69.6	16	1034	-	232901
7	2	71	16	1486	-	403263
8	1	51.1	16	-	-	574506
9	2	73.6	16	1364	-	41126
10	1	52.2	16	-	-	212054
11	3	89.7	16	1342	1110	381482
12	2	76.9	16	1781	-	551993
13	2	83	16	1100	-	20159
14	3	88.4	16	1658	1441	190254
15	3	86.2	16	1363	1140	360826
16	1	52.8	16	-	-	532672
17	3	86.5	16	1570	1132	700825
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Trial Number:			19			Detection (Yes/No)
Number of Bursts in Trial:			17			
Chirp Center Frequency:			5497			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	50.8	16	-	-	169999
2	3	84.8	16	1973	1860	338893
3	2	75.9	16	1472	-	510219
4	1	59.5	16	-	-	682323
5	2	68.4	16	1551	-	148511
6	2	82.4	16	1704	-	318777
7	1	62	16	-	-	490270
8	3	97.9	16	1384	1466	658864
9	3	99.7	16	1005	1549	127379
10	2	78.8	16	1242	-	298396
11	1	53.8	16	-	-	469339
12	3	93.7	16	1709	1245	637708
13	3	86.5	16	1509	1543	106448
14	3	92.4	16	1402	1329	276619
15	1	55.8	16	-	-	448427
16	3	90.2	16	1445	1507	616373
17	2	81.4	16	1661	-	85573
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Trial Number:			20			Detection (Yes/No)
Number of Bursts in Trial:			20			
Chirp Center Frequency:			5498			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	62.1	20	-	-	218001
2	3	89.8	20	1522	1826	360971
3	1	50	20	-	-	508090
4	2	82.6	20	1899	-	54877
5	3	94.2	20	1021	1000	199676
6	2	77.4	20	1306	-	344607
7	2	81.8	20	1698	-	489025
8	2	81.6	20	1729	-	37036
9	2	79.6	20	1151	-	181937
10	3	97.6	20	1141	1928	325760
11	2	66.8	20	1252	-	471418
12	1	52.1	20	-	-	19272
13	3	97.9	20	1929	1735	163426
14	1	66.3	20	-	-	309810
15	2	69.8	20	1399	-	453658
16	2	75	20	1320	-	1388
17	3	99.7	20	1583	1385	145702
18	1	50.3	20	-	-	291884
19	2	80.2	20	1229	-	435621
20	3	88.9	20	1959	1436	578984

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Trial Number:			21			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5504			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	57.2	13	-	-	183987
2	3	85	13	1923	1846	389789
3	1	54.6	13	-	-	599213
4	3	98.9	13	1762	1948	803311
5	3	93.1	13	1672	1612	157835
6	2	78.4	13	1627	-	365164
7	3	90.8	13	1816	1511	571420
8	2	67.2	13	1700	-	779663
9	1	57.5	13	-	-	132763
10	3	87.1	13	1738	1143	339368
11	1	59.8	13	-	-	547707
12	3	83.9	13	1809	1378	752387
13	3	86.7	13	1770	1411	106803
14	1	51.6	13	-	-	314928
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Trial Number:			22			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5506			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	76.3	9	1341	-	608400
2	3	96.4	9	1295	1380	849533
3	1	52.8	9	-	-	95338
4	1	53.9	9	-	-	337558
5	1	56.6	9	-	-	579668
6	1	57.4	9	-	-	822247
7	3	94.1	9	1437	1830	65327
8	2	77.9	9	1647	-	307232
9	3	88.9	9	1489	1449	547999
10	3	84.9	9	1621	1690	788994
11	3	95.2	9	1526	1720	35581
12	3	95.7	9	1090	1947	276989
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Trial Number:			23			Detection (Yes/No)
Number of Bursts in Trial:			16			
Chirp Center Frequency:			5504			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	51.7	15	-	-	389763
2	1	62.5	15	-	-	571338
3	3	84	15	1568	1845	4369
4	2	68.6	15	1377	-	185653
5	3	86.8	15	1547	1742	365780
6	3	92	15	1137	1453	547445
7	2	75.7	15	1201	-	729766
8	1	51.3	15	-	-	163554
9	2	74.1	15	1958	-	344179
10	2	77.2	15	1226	-	525695
11	3	85.2	15	1016	1677	705323
12	1	51.1	15	-	-	141252
13	3	89.6	15	1914	1192	321466
14	1	65.8	15	-	-	504101
15	3	86.6	15	1912	1231	682516
16	1	64.6	15	-	-	118844
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Trial Number:			24			Detection (Yes/No)
Number of Bursts in Trial:			9			
Chirp Center Frequency:			5507			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	74.1	7	1170	-	533888
2	3	92.5	7	1940	1801	854750
3	3	87.7	7	1318	1986	1177443
4	2	83	7	1168	-	171546
5	1	65.4	7	-	-	494664
6	3	96.3	7	1207	1315	815860
7	3	90	7	1322	1909	1137841
8	2	73.5	7	1624	-	131690
9	2	72.2	7	1605	-	454438
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Trial Number:			25			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5505			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	95.8	11	1818	1042	581680
2	3	93.7	11	1270	1469	823458
3	2	72.8	11	1246	-	68928
4	3	94.8	11	1840	1013	310262
5	2	79.4	11	1039	-	552771
6	3	96.1	11	1831	1611	793109
7	2	69.8	11	1492	-	39143
8	1	53.6	11	-	-	281302
9	3	97.4	11	1524	1823	521983
10	2	76.6	11	1670	-	764416
11	2	78.3	11	1386	-	9374
12	2	83.3	11	1604	-	251090
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Trial Number:			26			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5505			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	3	88.9	12	1123	1842	454009
2	1	50.2	12	-	-	678871
3	2	67.9	12	1050	-	902021
4	1	58.1	12	-	-	204628
5	3	85.3	12	1171	1426	427086
6	2	77.5	12	1282	-	650712
7	3	99.2	12	1262	1545	872204
8	1	61.2	12	-	-	177178
9	1	51.7	12	-	-	400523
10	1	64.4	12	-	-	623911
11	3	90.9	12	1615	1003	844886
12	2	70.8	12	1088	-	149354
13	2	79.4	12	1340	-	372553
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			27			Detection (Yes/No)
Number of Bursts in Trial:			14			
Chirp Center Frequency:			5504			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	1	53.8	13	-	-	554174
2	3	96.4	13	1766	1868	758329
3	3	97.3	13	1877	1273	112864
4	1	62.1	13	-	-	320769
5	2	80.3	13	1779	-	527395
6	1	55.5	13	-	-	735508
7	2	72.6	13	1802	-	87589
8	1	60.5	13	-	-	295268
9	3	96.5	13	1045	1429	501215
10	3	91.1	13	1305	1584	708044
11	3	98.4	13	1778	1287	62000
12	1	52.9	13	-	-	269811
13	1	56.6	13	-	-	477311
14	3	94.8	13	1209	1483	682757
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Trial Number:			28			Detection (Yes/No)
Number of Bursts in Trial:			12			
Chirp Center Frequency:			5505			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	81.1	11	1094	-	42700
2	1	65.4	11	-	-	284912
3	3	97.5	11	1747	1085	525764
4	3	92.2	11	1446	1691	766943
5	3	89.2	11	1128	1354	12885
6	1	58.2	11	-	-	254985
7	2	81.4	11	1292	-	496653
8	3	85.2	11	1418	1405	737558
9	3	92.2	11	1617	1599	978346
10	2	69.8	11	1049	-	225122
11	2	74.9	11	1297	-	466642
12	2	80.1	11	1847	-	708223
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DFS Radar Parameters
FCC Radar Type 5
Channel 100 Bandwidth 20MHz

Trial Number:			29			Detection (Yes/No)
Number of Bursts in Trial:			15			
Chirp Center Frequency:			5504			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	68.8	14	1684	-	759209
2	3	90.8	14	1753	1448	155647
3	1	62.2	14	-	-	349982
4	2	70.5	14	1960	-	542150
5	2	81.3	14	1289	-	735735
6	1	52.8	14	-	-	132444
7	1	51.9	14	-	-	325957
8	1	65.3	14	-	-	519568
9	2	75.5	14	1642	-	712137
10	3	99.8	14	1027	1752	108161
11	2	72.6	14	1227	-	301671
12	3	91.5	14	1001	1327	494647
13	2	67.1	14	1473	-	688644
14	2	71.1	14	1765	-	84541
15	1	55.7	14	-	-	278298
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Trial Number:			30			Detection (Yes/No)
Number of Bursts in Trial:			13			
Chirp Center Frequency:			5505			Yes
Burst	Number of Pulses	Pulse Width (Microseconds)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μsec)	Pulse 2-to-3 Spacing (μsec)	Starting Location Within Interval (μsec)
1	2	72.7	11	1712	-	543906
2	3	92.5	11	1822	1594	765339
3	1	59.2	11	-	-	70273
4	2	69.5	11	1010	-	293388
5	1	55.2	11	-	-	517271
6	2	78.7	11	1129	-	740262
7	2	82.7	11	1208	-	42650
8	2	68.1	11	1681	-	265663
9	3	95.9	11	1854	1115	487908
10	1	54.2	11	-	-	713209
11	2	72.2	11	1395	-	15160
12	1	51.7	11	-	-	238706
13	1	62.5	11	-	-	462037
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